

Table S1. Accession Number of Selected Species for Phylogenetic analysis.

Species Name	CNS1N1	CNS2N1	CSN2	CSN3
<i>Sus scrofa</i>	NP_001004029.1	XP_020956156.1	NP_999599.1	NP_001004026.1
<i>Bubalus bubalis</i>	XP_006071188.1	XP_044801432.1	XP_044801438.1	NP_001277901.1
<i>Bos taurus</i>	XP_005208086.1	NP_776953.1	XP_010804480.2	NP_776719.1
<i>Camelus ferus</i>	XP_006188730.1	XP_006188732.1	XP_032314521.1	XP_006188734.1
<i>Camelus dromedarius</i>	NP_001290495.1	NP_001290490.1	NP_001290492.1	NP_001290489.1
<i>Capra hircus</i>	XP_017904619.1	NP_001272514.1	XP_013820153.1	NP_001272516.1
<i>Ovis aries</i>	XP_012034747.1	NP_001009363.1	NP_001009373.1	NP_001009378.1

Table S2. Promoter region in CNS family.

CSN1S1_Camelus ferus	Position	Score	Likelihood
	6900	1.163	Highly likely prediction
	8300	1.209	Highly likely prediction
	10600	0.717	Marginal prediction
	12000	0.687	Marginal prediction
	13800	1.114	Highly likely prediction
	16000	1.081	Highly likely prediction
CSN1S2_Camelus ferus			
	2700	1.191	Highly likely prediction
	5400	0.737	Marginal prediction
	6700	0.701	Marginal prediction
	9800	1.132	Highly likely prediction
	12400	0.705	Marginal prediction
	13100	1.101	Highly likely prediction
CSN2_Camelus ferus			
	500	0.703	Marginal prediction
	2300	1.223	Highly likely prediction
	4600	1.144	Highly likely prediction
	6800	0.675	Marginal prediction
	7900	0.589	Marginal prediction
CSN3_Camelus ferus			
	3600	1.143	Highly likely prediction

Table S3. Nuclear hormone receptor sites patterns in the casein gene family of *Camelus ferus*.

Site type	Sequence	Start	End	log (Viterbi probability)	log (Forward probaility)	log (Back-ground state probability)	Forward-Background
CSN1S1_Camelus ferus							
DR2	TGAACCTAATGCACT	5969	5982	-20.439	-20.1527	-22.3315	2.1788
DR1	TGAACCTCTGAAAT	6129	6141	-20.0489	-19.2623	-20.9351	1.6728
DR1	AGGTCAAAAGTAA	6608	6620	-20.7279	-19.7657	-20.9351	1.1694
DR4	AGTTCAAGTGAGGTAA	8025	8040	-22.8772	-22.7222	-25.1242	2.402
DR2	AGGTCATGAGGTCC	8486	8499	-20.2558	-20.0864	-22.3315	2.2451
DR1	TGACTATTGACCT	14219	14231	-20.5707	-19.2199	-20.9351	1.7152
ER6	TTAAATTAATGGGTTCA	1028	1045	-27.2404	-26.2097	-27.9168	1.7071
ER6	TTAACTCAAAGTAGTTCA	2821	2838	-23.7463	-23.242	-27.9168	4.6748

ER1	TGAACTCAAGGCA	5121	5133	-20.8658	-19.6403	-20.9351	1.2948
ER8	TGAACTGAGCTTCTGGTCAA	12890	12909	-30.2121	-29.4007	-30.7095	1.3088
ER8	TTAACTGTGCATTCAGCTCA	13180	13199	-28.4771	-28.1717	-30.7095	2.5378
ER6	TGAGCTCCAAAGAGTACA	13476	13493	-24.7639	-24.6383	-27.9168	3.2785
ER4	TGACCTTTTAAGTTTA	15034	15049	-23.6185	-23.109	-25.1242	2.0152
CSN1S2_Camelus ferus							
DR4	TGTCCTAAGTTGAGCT	247	262	-24.222	-23.47	-25.124	1.6544
DR1	AGTTCAGAAGTCA	1788	1800	-18.978	-18.784	-20.935	2.151
DR0	GGTCAAAGTCA	9418	9429	-19.169	-18.353	-19.539	1.1858
IR1	GGGTCAATAACCC	578	590	-20.684	-20.024	-20.935	0.9109
IR1	GAGCCAATGGCCT	4825	4837	-20.884	-20.109	-20.935	0.826
IR1	GGGCCACAGTACT	14708	14720	-19.644	-19.393	-20.935	1.5422
ER6	TGAAATATAATAAGTTAA	2154	2171	-25.284	-24.929	-27.917	2.9879
ER8	TTAACTTGTTGTGTAATTCA	2197	2216	-29.699	-28.931	-30.71	1.7785
ER6	TTAACTTCCTTTATTTAA	2373	2390	-27.255	-26.384	-27.917	1.533
ER8	TGAAGTCCCCACAGAGGTAA	5197	5216	-30.461	-29.643	-30.71	1.0667
ER6	TGAAATATGTGTAGTTTA	7925	7942	-26.637	-25.994	-27.917	1.9232
ER8	AGACCTTATCAAAAAGTTAA	8005	8024	-29.291	-28.86	-30.71	1.8494
ER8	TGAAGTTCCCACAGAGGTAA	8293	8312	-30.371	-29.537	-30.71	1.1727
ER8	TGAACTATCTACATAGTCAA	9446	9465	-28.734	-28.325	-30.71	2.385
ER6	TTACTTCCAGAAGGTAA	10825	10842	-26.677	-26.279	-27.917	1.6375
ER8	AGAACTGACAATTCAGTACA	11861	11880	-29.604	-29.068	-30.71	1.6418
CSN2_Camelus ferus							
DR1	TGACCTTTAACCA	3762	3774	-18.9937	-18.5865	-20.9351	2.3486
ER8	TGAACTATGGTATAAGTTAA	1688	1707	-27.0496	-26.5408	-30.7095	4.1687
ER6	TGACCTAGGAACAGAAAA	1780	1797	-27.2834	-26.3376	-27.9168	1.5792
ER6	TTAAATTATCTTAGTTAA	1830	1847	-27.2404	-26.1623	-27.9168	1.7545
ER1	TGACCTTGGTCAA	2897	2909	-20.6327	-19.5318	-20.9351	1.4033
ER8	TGAACTCTACGTTAACCTCA	4329	4348	-29.4232	-28.8108	-30.7095	1.8987
ER6	TTAACTACAATAAGTGAA	6531	6548	-27.2404	-26.3565	-27.9168	1.5603
ER6	TGTCCCTTTCTCAGTTCA	7028	7045	-26.2495	-25.7218	-27.9168	2.195
CSN3_Camelus ferus							
DR1	AGTTGAGAGGCCA	215	227	-20.4947	-19.8153	-20.9351	1.1198
DR1	TGACCCCTTAACCT	600	612	-20.7052	-19.9071	-20.9351	1.028
DR3	TTAACTCTGTGACCC	1298	1312	-22.4135	-21.9795	-23.7278	1.7483
DR4	TGAACGACTATGACAT	3802	3817	-24.735	-23.9925	-25.1242	1.1317
DR2	TGACTGCCTGACCT	3938	3951	-22.0781	-20.8256	-22.3315	1.5059
DR4	TTCCCTTGTGTGACCT	8455	8470	-23.7854	-23.0836	-25.1242	2.0406
DR4	AGTTCATATATGTCA	9231	9246	-24.4762	-23.9021	-25.1242	1.2221
IR1	GGTTCACAGGCTT	5604	5616	-20.6559	-20.0319	-20.9351	0.9032
ER6	TAAACTGACTGTATTTCA	4282	4299	-26.726	-26.0827	-27.9168	1.8341
ER6	TTAACCTAGAAAACCTTCA	5324	5341	-27.366	-26.6181	-27.9168	1.2987
ER4	TTAACTGTAGAGTTCA	5547	5562	-22.8528	-22.2538	-25.1242	2.8704

Table S4. Transcription binding site (GATA, TATA, STAT, and OCT1) and repressor site (YY1) in the genomic sequences of *Camelus ferus*, *Bos tarus*, *Ovis aries* casein gene family.

CSN1S1_Camelus ferus							
AC	ID	SCORE	LOCA-TION	STRAND	CONSENSUS	SEQUENCES	
M0007				S			

5	V\$GATA1_01	0.827246	3	(-)	SNNGATNNNN	GATCATCAAC
M0007						
6	V\$GATA2_01	0.797925	59	(-)	NNNGATRNNN	ACATATGGCA
M0007						
5	V\$GATA1_01	0.821816	73	(+)	SNNGATNNNN	TATGATGATT
M0007						
6	V\$GATA2_01	0.839874	73	(+)	NNNGATRNNN	TATGATGATT
M0007						
5	V\$GATA1_01	0.837117	76	(+)	SNNGATNNNN	GATGATTCA
M0007						
6	V\$GATA2_01	0.822282	76	(+)	NNNGATRNNN	GATGATTCA
M0012						
7	V\$GATA1_03	0.812837	112	(-)	RNSNNGATAANNGN	TCATTTATATGCAT
M0012						
6	V\$GATA1_02	0.784062	140	(+)	NNNNNGATANKGNN	ATATTGATAACTTG
M0012						
7	V\$GATA1_03	0.869917	140	(+)	RNSNNGATAANNGN	ATATTGATAACTTG
M0012						
8	V\$GATA1_04	0.817096	141	(+)	NNCWGATARNNNN	TATTGATAACTTG
M0007						
5	V\$GATA1_01	0.777394	142	(+)	SNNGATNNNN	ATTGATAACT
M0012						
6	V\$GATA1_02	0.8225	183	(+)	NNNNNGATANKGNN	ATGTTGATACTATC
M0012						
7	V\$GATA1_03	0.856688	183	(+)	RNSNNGATAANNGN	ATGTTGATACTATC
M0007						
5	V\$GATA1_01	0.846002	185	(+)	SNNGATNNNN	GTTGATACTA
M0007						
6	V\$GATA2_01	0.797474	185	(+)	NNNGATRNNN	GTTGATACTA
M0012						
6	V\$GATA1_02	0.844375	188	(-)	NNNNNGATANKGNN	GATACTATCTATCT
M0012						
7	V\$GATA1_03	0.868447	188	(-)	RNSNNGATAANNGN	GATACTATCTATCT
M0007						
5	V\$GATA1_01	0.786278	190	(-)	SNNGATNNNN	TACTATCTAT
M0007						
6	V\$GATA2_01	0.7871	190	(-)	NNNGATRNNN	TACTATCTAT
M0007						
7	V\$GATA3_01	0.902525	190	(-)	NNGATARNG	TACTATCTA
M0020						
3	V\$GATA_C	0.853992	191	(-)	NGATAAGNMNN	ACTATCTATCT
M0012						
6	V\$GATA1_02	0.8125	192	(-)	NNNNNGATANKGNN	CTATCTATCTTTAG
M0012						
7	V\$GATA1_03	0.83268	192	(-)	RNSNNGATAANNGN	CTATCTATCTTTAG
M0012						
8	V\$GATA1_04	0.893382	192	(-)	NNCWGATARNNNN	CTATCTATCTTTA
M0007						
5	V\$GATA1_01	0.818361	194	(-)	SNNGATNNNN	ATCTATCTTT
M0007						
6	V\$GATA2_01	0.858367	194	(-)	NNNGATRNNN	ATCTATCTTT
M0007						
7	V\$GATA3_01	0.875055	194	(-)	NNGATARNG	ATCTATCTT
M0007						
5	V\$GATA1_01	0.816387	215	(-)	SNNGATNNNN	AAAAATCATA
M0007						
6	V\$GATA2_01	0.818674	215	(-)	NNNGATRNNN	AAAAATCATA
M0007						
5	V\$GATA1_01	0.804047	234	(-)	SNNGATNNNN	AAACATCAAA
M0007						
5	V\$GATA1_01	0.785785	250	(+)	SNNGATNNNN	TTTGATGACT
M0012						
7	V\$GATA1_03	0.824841	286	(+)	RNSNNGATAANNGN	AAGTAGATACATAA
M0007						
5	V\$GATA1_01	0.821323	288	(+)	SNNGATNNNN	GTAGATACAT

M0007						
6	V\$GATA2_01	0.798376	288	(+)	NNNGATRNNN	GTAGATACAT
M0020						
3	V\$GATA_C	0.888785	290	(+)	NGATAAGNMNN	AGATACATAAT
M0020						
3	V\$GATA_C	0.901833	328	(-)	NGATAAGNMNN	TTGAATTATCT
M0012						
6	V\$GATA1_02	0.844375	329	(-)	NNNNNGATANKGNN	TGAATTATCTTTGT
M0012						
7	V\$GATA1_03	0.856688	329	(-)	RNSNNGATAANNGN	TGAATTATCTTTGT
M0007						
5	V\$GATA1_01	0.792695	331	(-)	SNNGATNNNN	AATTATCTTT
M0007						
6	V\$GATA2_01	0.847091	331	(-)	NNNGATRNNN	AATTATCTTT
M0007						
7	V\$GATA3_01	0.866637	331	(-)	NNGATARNG	AATTATCTT
M0007						
7	V\$GATA3_01	0.864865	377	(-)	NNGATARNG	TATAATCTT
M0012						
6	V\$GATA1_02	0.855625	394	(+)	NNNNNGATANKGNN	TCATGGATAAGAGC
M0012						
7	V\$GATA1_03	0.808672	394	(+)	RNSNNGATAANNGN	TCATGGATAAGAGC
M0007						
7	V\$GATA3_01	0.849801	397	(+)	NNGATARNG	TGGATAAGA
M0020						
3	V\$GATA_C	0.941286	398	(+)	NGATAAGNMNN	GGATAAGAGCA
M0012						
6	V\$GATA1_02	0.775	471	(+)	NNNNNGATANKGNN	TAAAGGATATGTCA
M0007						
5	V\$GATA1_01	0.818855	473	(+)	SNNGATNNNN	AAGGATATGT
M0007						
6	V\$GATA2_01	0.882724	473	(+)	NNNGATRNNN	AAGGATATGT
M0007						
6	V\$GATA2_01	0.810104	475	(-)	NNNGATRNNN	GGATATGTCA
M0020						
3	V\$GATA_C	0.888475	475	(+)	NGATAAGNMNN	GGATATGTCAA
M0012						
6	V\$GATA1_02	0.83625	482	(+)	NNNNNGATANKGNN	TCAAAGATAGACAA
M0007						
5	V\$GATA1_01	0.803554	484	(+)	SNNGATNNNN	AAAGATAGAC
M0007						
6	V\$GATA2_01	0.854759	484	(+)	NNNGATRNNN	AAAGATAGAC
M0007						
7	V\$GATA3_01	0.875055	485	(+)	NNGATARNG	AAGATAGAC
M0020						
3	V\$GATA_C	0.890028	486	(+)	NGATAAGNMNN	AGATAGACAAA
M0012						
6	V\$GATA1_02	0.7875	494	(+)	NNNNNGATANKGNN	AAATAGATATAACT
M0012						
8	V\$GATA1_04	0.825368	495	(+)	NNCWGATARNNNN	AATAGATATAACT
M0012						
7	V\$GATA1_03	0.791524	496	(+)	RNSNNGATAANNGN	ATAGATATAACTAA
M0007						
7	V\$GATA3_01	0.822331	497	(+)	NNGATARNG	TAGATATAA
M0020						
3	V\$GATA_C	0.871699	498	(+)	NGATAAGNMNN	AGATATAACTA
M0007						
5	V\$GATA1_01	0.857848	520	(+)	SNNGATNNNN	AAAGATGGTT
M0007						
6	V\$GATA2_01	0.870095	520	(+)	NNNGATRNNN	AAAGATGGTT
M0007						
7	V\$GATA3_01	0.841382	521	(+)	NNGATARNG	AAGATGGTT
M0012						
7	V\$GATA1_03	0.820676	524	(+)	RNSNNGATAANNGN	ATGTTATAGTTGG
M0007						
6	V\$GATA2_01	0.823636	534	(+)	NNNGATRNNN	TTGGATATTC

M0007						
6	V\$GATA2_01	0.789355	546	(+)	NNNGATRNNN	AAGGATGCAA
M0012						
6	V\$GATA1_02	0.781875	554	(+)	NNNNNGATANKGNN	AAGTGGATAAAAAGT
M0012						
7	V\$GATA1_03	0.89319	554	(+)	RNSNNGATAANNNGN	AAGTGGATAAAAAGT
M0012						
8	V\$GATA1_04	0.820772	555	(+)	NNCWGATARNNNN	AGTGGATAAAAAGT
M0020						
3	V\$GATA_C	0.898105	558	(+)	NGATAAGNMNN	GGATAAAAAGTA
M0007						
5	V\$GATA1_01	0.848963	615	(+)	SNNGATNNNN	TCAGATTCTG
M0007						
6	V\$GATA2_01	0.862427	615	(+)	NNNGATRNNN	TCAGATTCTG
M0007						
7	V\$GATA3_01	0.843155	616	(+)	NNGATARNG	CAGATTCTG
M0012						
6	V\$GATA1_02	0.780312	640	(-)	NNNNNGATANKGNN	AACAGTATATATAA
M0007						
6	V\$GATA2_01	0.800631	653	(-)	NNNGATRNNN	AAATATGGCG
M0007						
5	V\$GATA1_01	0.801086	688	(+)	SNNGATNNNN	TATGATCTGT
M0007						
6	V\$GATA2_01	0.824989	688	(+)	NNNGATRNNN	TATGATCTGT
M0007						
5	V\$GATA1_01	0.775913	768	(+)	SNNGATNNNN	TTTGATGGAA
M0012						
6	V\$GATA1_02	0.80625	790	(+)	NNNNNGATANKGNN	AACATGATATGACA
M0012						
8	V\$GATA1_04	0.867953	791	(+)	NNCWGATARNNNN	ACATGATATGACA
M0007						
5	V\$GATA1_01	0.877591	792	(+)	SNNGATNNNN	CATGATATGA
M0007						
6	V\$GATA2_01	0.868742	792	(+)	NNNGATRNNN	CATGATATGA
M0007						
7	V\$GATA3_01	0.863979	793	(+)	NNGATARNG	ATGATATGA
M0020						
3	V\$GATA_C	0.89562	794	(+)	NGATAAGNMNN	TGATATGACAT
M0007						
5	V\$GATA1_01	0.804541	799	(-)	SNNGATNNNN	TGACATCTGA
M0007						
6	V\$GATA2_01	0.863329	799	(-)	NNNGATRNNN	TGACATCTGA
M0007						
5	V\$GATA1_01	0.788746	805	(-)	SNNGATNNNN	CTGAATCTTA
M0007						
6	V\$GATA2_01	0.814163	805	(-)	NNNGATRNNN	CTGAATCTTA
M0007						
7	V\$GATA3_01	0.828977	805	(-)	NNGATARNG	CTGAATCTT
M0007						
5	V\$GATA1_01	0.848963	813	(+)	SNNGATNNNN	TATGATTCTG
M0007						
6	V\$GATA2_01	0.843031	813	(+)	NNNGATRNNN	TATGATTCTG
M0007						
7	V\$GATA3_01	0.825432	814	(+)	NNGATARNG	ATGATTCTG
M0012						
7	V\$GATA1_03	0.785154	854	(+)	RNSNNGATAANNNGN	ATGGATATACCAAT
M0020						
3	V\$GATA_C	0.851196	856	(+)	NGATAAGNMNN	GGATATACCAA
M0012						
6	V\$GATA1_02	0.842187	915	(+)	NNNNNGATANKGNN	TGGAAGATAAGTTT
M0012						
7	V\$GATA1_03	0.822636	915	(+)	RNSNNGATAANNNGN	TGGAAGATAAGTTT
M0012						
8	V\$GATA1_04	0.897672	916	(+)	NNCWGATARNNNN	GGAAGATAAGTTT
M0007						
5	V\$GATA1_01	0.869694	917	(+)	SNNGATNNNN	GAAGATAAGT

M0007						
6	V\$GATA2_01	0.900316	917	(+)	NNNGATRNNN	GAAGATAAGT
M0007						
7	V\$GATA3_01	0.887461	918	(+)	NNGATARNG	AAGATAAGT
M0020						
3	V\$GATA_C	0.923268	919	(+)	NGATAAGNMNN	AGATAAGTTTC
M0012						
6	V\$GATA1_02	0.778125	927	(+)	NNNNNGATANKGNN	TTCTATATAATGCA
M0007						
5	V\$GATA1_01	0.882034	974	(+)	SNNGATNNNN	CAGGATGCTC
M0007						
6	V\$GATA2_01	0.897158	974	(+)	NNNGATRNNN	CAGGATGCTC
M0007						
7	V\$GATA3_01	0.839167	1024	(+)	NNGATARNG	CAGATTAAA
M0007						
5	V\$GATA1_01	0.771964	1073	(-)	SNNGATNNNN	ACAAATCTAA
M0020						
3	V\$GATA_C	0.858652	1167	(+)	NGATAAGNMNN	TGACAAAACCC
M0012						
6	V\$GATA1_02	0.789062	1173	(-)	NNNNNGATANKGNN	AACCCTATTACCAC
M0012						
7	V\$GATA1_03	0.787849	1176	(-)	RNSNNGATAANNGN	CCTATTACCACTTC
M0007						
5	V\$GATA1_01	0.770977	1213	(+)	SNNGATNNNN	AGTGTTAGTG
M0012						
7	V\$GATA1_03	0.795198	1230	(+)	RNSNNGATAANNGN	ATATTAATAAGAGA
M0020						
3	V\$GATA_C	0.974216	1249	(-)	NGATAAGNMNN	ATTTCTTATCT
M0012						
6	V\$GATA1_02	0.821875	1250	(-)	NNNNNGATANKGNN	TTTCTTATCTCACA
M0012						
8	V\$GATA1_04	0.930147	1250	(-)	NNCWGATARNNNN	TTTCTTATCTCAC
M0007						
5	V\$GATA1_01	0.806515	1252	(-)	SNNGATNNNN	TCTTATCTCA
M0007						
6	V\$GATA2_01	0.864231	1252	(-)	NNNGATRNNN	TCTTATCTCA
M0007						
7	V\$GATA3_01	0.936642	1252	(-)	NNGATARNG	TCTTATCTC
M0012						
6	V\$GATA1_02	0.7975	1273	(+)	NNNNNGATANKGNN	AGCAAGATAATTTG
M0012						
7	V\$GATA1_03	0.914993	1273	(+)	RNSNNGATAANNGN	AGCAAGATAATTTG
M0012						
8	V\$GATA1_04	0.85386	1274	(+)	NNCWGATARNNNN	GCAAGATAATTTG
M0007						
5	V\$GATA1_01	0.861797	1275	(+)	SNNGATNNNN	CAAGATAATT
M0007						
6	V\$GATA2_01	0.888588	1275	(+)	NNNGATRNNN	CAAGATAATT
M0007						
7	V\$GATA3_01	0.866637	1276	(+)	NNGATARNG	AAGATAATT
M0007						
5	V\$GATA1_01	0.826259	1386	(-)	SNNGATNNNN	GGAAATCAAG
M0007						
5	V\$GATA1_01	0.782823	1393	(+)	SNNGATNNNN	AAGGATTTTT
M0007						
6	V\$GATA2_01	0.811908	1393	(+)	NNNGATRNNN	AAGGATTTTT
M0020						
3	V\$GATA_C	0.884126	1422	(-)	NGATAAGNMNN	TTTTATTATCA
M0012						
6	V\$GATA1_02	0.78375	1423	(-)	NNNNNGATANKGNN	TTTATTATCAGACC
M0012						
7	V\$GATA1_03	0.823616	1423	(-)	RNSNNGATAANNGN	TTTATTATCAGACC
M0012						
8	V\$GATA1_04	0.90625	1423	(-)	NNCWGATARNNNN	TTTATTATCAGAC
M0007						
5	V\$GATA1_01	0.807009	1425	(-)	SNNGATNNNN	TATTATCAGA

M0007						
6	V\$GATA2_01	0.84664	1425	(-)	NNNGATRNNN	TATTATCAGA
M0007						
7	V\$GATA3_01	0.869296	1425	(-)	NNGATARNG	TATTATCAG
M0012						
8	V\$GATA1_04	0.821385	1440	(-)	NNCWGATARNNNN	CTCTTTTCTGTT
M0012						
7	V\$GATA1_03	0.784664	1455	(-)	RNSNNGATAANNGN	TTTCTTACCTAGGT
M0012						
7	V\$GATA1_03	0.815532	1482	(-)	RNSNNGATAANNGN	AAGCTTCTCATCCT
M0012						
7	V\$GATA1_03	0.790544	1485	(-)	RNSNNGATAANNGN	CTTCTCATCCTTAC
M0007						
6	V\$GATA2_01	0.809653	1487	(-)	NNNGATRNNN	TCTCATCCTT
M0007						
7	V\$GATA3_01	0.820558	1487	(-)	NNGATARNG	TCTCATCCT
M0012						
7	V\$GATA1_03	0.843459	1491	(-)	RNSNNGATAANNGN	ATCCTTACCTGCCT
M0012						
8	V\$GATA1_04	0.836091	1491	(-)	NNCWGATARNNNN	ATCCTTACCTGCC
M0007						
5	V\$GATA1_01	0.788253	1509	(+)	SNNGATNNNN	GCTGTTGCGC
M0007						
5	V\$GATA1_01	0.865745	1571	(-)	SNNGATNNNN	TGAAATCACC
M0007						
6	V\$GATA2_01	0.830401	1571	(-)	NNNGATRNNN	TGAAATCACC
M0012						
8	V\$GATA1_04	0.859988	1578	(+)	NNCWGATARNNNN	ACCTGATATCACA
M0007						
5	V\$GATA1_01	0.885982	1579	(+)	SNNGATNNNN	CCTGATATCA
M0007						
6	V\$GATA2_01	0.88949	1579	(+)	NNNGATRNNN	CCTGATATCA
M0012						
8	V\$GATA1_04	0.861213	1579	(-)	NNCWGATARNNNN	CCTGATATCACAT
M0007						
7	V\$GATA3_01	0.821444	1580	(+)	NNGATARNG	CTGATATCA
M0007						
5	V\$GATA1_01	0.833169	1581	(-)	SNNGATNNNN	TGATATCACA
M0007						
6	V\$GATA2_01	0.880469	1581	(-)	NNNGATRNNN	TGATATCACA
M0007						
7	V\$GATA3_01	0.844484	1581	(-)	NNGATARNG	TGATATCAC
M0007						
5	V\$GATA1_01	0.780849	1586	(-)	SNNGATNNNN	TCACATCAAA
M0012						
6	V\$GATA1_02	0.842812	1596	(+)	NNNNNGATANKGNN	CACAAGATACTGAG
M0012						
7	V\$GATA1_03	0.841989	1596	(+)	RNSNNGATAANNGN	CACAAGATACTGAG
M0012						
8	V\$GATA1_04	0.829044	1597	(+)	NNCWGATARNNNN	ACAAGATACTGAG
M0007						
5	V\$GATA1_01	0.912636	1598	(+)	SNNGATNNNN	CAAGATACTG
M0007						
6	V\$GATA2_01	0.92783	1598	(+)	NNNGATRNNN	CAAGATACTG
M0007						
7	V\$GATA3_01	0.882588	1599	(+)	NNGATARNG	AAGATACTG
M0012						
7	V\$GATA1_03	0.784174	1602	(+)	RNSNNGATAANNGN	ATACTGAGAATAAT
M0012						
7	V\$GATA1_03	0.784174	1605	(+)	RNSNNGATAANNGN	CTGAGAATAATAAA
M0007						
6	V\$GATA2_01	0.780334	1622	(+)	NNNGATRNNN	TTGGATGATC
M0007						
5	V\$GATA1_01	0.845015	1625	(+)	SNNGATNNNN	GATGATCTCT
M0007						
6	V\$GATA2_01	0.852052	1625	(+)	NNNGATRNNN	GATGATCTCT

M0007						
6	V\$GATA2_01	0.7871	1625	(-)	NNNGATRNNN	GATGATCTCT
M0012						
6	V\$GATA1_02	0.807187	1649	(+)	NNNNNGATANKGNN	GTCTTGATATTA
M0007						
5	V\$GATA1_01	0.82922	1651	(+)	SNNGATNNNN	CTTGATATTA
M0007						
6	V\$GATA2_01	0.780785	1651	(+)	NNNGATRNNN	CTTGATATTA
M0007						
6	V\$GATA2_01	0.811908	1662	(-)	NNNGATRNNN	AACTATGATA
M0012						
6	V\$GATA1_02	0.797187	1663	(+)	NNNNNGATANKGNN	ACTATGATAATCCT
M0012						
7	V\$GATA1_03	0.796178	1663	(+)	RNSNNGATAANNGN	ACTATGATAATCCT
M0012						
8	V\$GATA1_04	0.8125	1664	(+)	NNCWGATARNNNN	CTATGATAATCCT
M0007						
5	V\$GATA1_01	0.807009	1665	(+)	SNNGATNNNN	TATGATAATC
M0007						
6	V\$GATA2_01	0.864682	1665	(+)	NNNGATRNNN	TATGATAATC
M0007						
7	V\$GATA3_01	0.843155	1666	(+)	NNGATARNG	ATGATAATC
M0020						
3	V\$GATA_C	0.882883	1667	(+)	NGATAAGNMNN	TGATAATCCTT
M0007						
6	V\$GATA2_01	0.793415	1668	(-)	NNNGATRNNN	GATAATCCTT
M0007						
5	V\$GATA1_01	0.780355	1724	(-)	SNNGATNNNN	TAAAATCTCT
M0007						
7	V\$GATA3_01	0.850244	1724	(-)	NNGATARNG	TAAAATCTC
M0007						
5	V\$GATA1_01	0.776407	1743	(-)	SNNGATNNNN	ATAAATCTCT
M0012						
6	V\$GATA1_02	0.800625	1751	(+)	NNNNNGATANKGNN	CTCATGATAAAAAA
M0012						
7	V\$GATA1_03	0.855708	1751	(+)	RNSNNGATAANNGN	CTCATGATAAAAAA
M0012						
8	V\$GATA1_04	0.892463	1752	(+)	NNCWGATARNNNN	TCATGATAAAAAA
M0007						
5	V\$GATA1_01	0.807502	1753	(+)	SNNGATNNNN	CATGATAAAA
M0007						
6	V\$GATA2_01	0.807397	1753	(+)	NNNGATRNNN	CATGATAAAA
M0007						
7	V\$GATA3_01	0.855117	1754	(+)	NNGATARNG	ATGATAAAA
M0020						
3	V\$GATA_C	0.936626	1755	(+)	NGATAAGNMNN	TGATAAAAAAT
M0012						
7	V\$GATA1_03	0.784174	1764	(+)	RNSNNGATAANNGN	ATAATAATAATAAT
M0012						
7	V\$GATA1_03	0.784174	1767	(+)	RNSNNGATAANNGN	ATAATAATAATAAA
M0012						
6	V\$GATA1_02	0.80125	1794	(+)	NNNNNGATANKGNN	GAAGAAATAAGGTA
M0007						
5	V\$GATA1_01	0.825271	1803	(-)	SNNGATNNNN	AGGTATCAAA
M0007						
6	V\$GATA2_01	0.831755	1803	(-)	NNNGATRNNN	AGGTATCAAA
M0007						
5	V\$GATA1_01	0.810464	1825	(-)	SNNGATNNNN	GAGCATCAAA
M0007						
6	V\$GATA2_01	0.780785	1825	(-)	NNNGATRNNN	GAGCATCAAA
M0007						
5	V\$GATA1_01	0.820336	1856	(-)	SNNGATNNNN	CTGCATCCGT
M0007						
6	V\$GATA2_01	0.840325	1856	(-)	NNNGATRNNN	CTGCATCCGT
M0012						
6	V\$GATA1_02	0.772813	1939	(-)	NNNNNGATANKGNN	TCCAGTATTTCTA

M0007						
5	V\$GATA1_01	0.847976	1980	(+)	SNNGATNNNN	TGAGATGTCT
M0007						
6	V\$GATA2_01	0.893099	1980	(+)	NNNGATRNNN	TGAGATGTCT
M0012						
7	V\$GATA1_03	0.784174	2013	(+)	RNSNNGATAANNGN	GTATAGAAAATCAG
M0007						
5	V\$GATA1_01	0.883021	2018	(-)	SNNGATNNNN	GAAAATCAGG
M0007						
6	V\$GATA2_01	0.832206	2018	(-)	NNNGATRNNN	GAAAATCAGG
M0007						
5	V\$GATA1_01	0.917078	2036	(+)	SNNGATNNNN	GCTGATTGG
M0007						
6	V\$GATA2_01	0.860622	2036	(+)	NNNGATRNNN	GCTGATTGG
M0007						
7	V\$GATA3_01	0.859548	2037	(+)	NNGATARNG	CTGATTGG
M0007						
5	V\$GATA1_01	0.852419	2044	(+)	SNNGATNNNN	GGAGATTGAA
M0007						
6	V\$GATA2_01	0.819125	2044	(+)	NNNGATRNNN	GGAGATTGAA
M0007						
7	V\$GATA3_01	0.890563	2045	(+)	NNGATARNG	GAGATTGAA
M0012						
6	V\$GATA1_02	0.860625	2080	(+)	NNNNNGATANKGNN	AATTAGATAATGTA
M0012						
7	V\$GATA1_03	0.78295	2080	(+)	RNSNNGATAANNGN	AATTAGATAATGTA
M0012						
8	V\$GATA1_04	0.83701	2081	(+)	NNCWGATARNNNN	ATTAGATAATGTA
M0007						
5	V\$GATA1_01	0.776407	2082	(+)	SNNGATNNNN	TTAGATAATG
M0007						
6	V\$GATA2_01	0.811006	2082	(+)	NNNGATRNNN	TTAGATAATG
M0007						
7	V\$GATA3_01	0.909171	2083	(+)	NNGATARNG	TAGATAATG
M0020						
3	V\$GATA_C	0.863312	2084	(+)	NGATAAGNMNN	AGATAATGTAA
M0012						
6	V\$GATA1_02	0.779687	2104	(-)	NNNNNGATANKGNN	ACCCTTCTCAAAAA
M0007						
5	V\$GATA1_01	0.835637	2175	(+)	SNNGATNNNN	TGTGATGCAC
M0007						
6	V\$GATA2_01	0.830401	2175	(+)	NNNGATRNNN	TGTGATGCAC
M0012						
6	V\$GATA1_02	0.781875	2181	(+)	NNNNNGATANKGNN	GCACAGCTAGTGCA
M0012						
6	V\$GATA1_02	0.78625	2192	(+)	NNNNNGATANKGNN	GCAGTGAAAGGAGT
M0007						
5	V\$GATA1_01	0.922507	2210	(-)	SNNGATNNNN	AGGAATCACC
M0007						
6	V\$GATA2_01	0.871448	2210	(-)	NNNGATRNNN	AGGAATCACC
M0012						
8	V\$GATA1_04	0.810662	2217	(+)	NNCWGATARNNNN	ACCTGACAAGAAA
M0020						
3	V\$GATA_C	0.871078	2220	(+)	NGATAAGNMNN	TGACAAGAAAA
M0012						
7	V\$GATA1_03	0.784174	2221	(+)	RNSNNGATAANNGN	GACAAGAAAACAAT
M0012						
6	V\$GATA1_02	0.805313	2233	(+)	NNNNNGATANKGNN	ATTCAGATAAAAATA
M0012						
7	V\$GATA1_03	0.790299	2233	(+)	RNSNNGATAANNGN	ATTCAGATAAAAATA
M0012						
8	V\$GATA1_04	0.896446	2234	(+)	NNCWGATARNNNN	TTCAGATAAAAATA
M0007						
6	V\$GATA2_01	0.817772	2235	(+)	NNNGATRNNN	TCAGATAAAA
M0007						
7	V\$GATA3_01	0.87284	2236	(+)	NNGATARNG	CAGATAAAA

M0020						
3	V\$GATA_C	0.903075	2237	(+)	NGATAAGNMNN	AGATAAAATAA
M0007						
5	V\$GATA1_01	0.800099	2253	(+)	SNNGATNNNN	TTGGATGCTT
M0007						
6	V\$GATA2_01	0.810104	2253	(+)	NNNGATRNNN	TTGGATGCTT
M0007						
5	V\$GATA1_01	0.790227	2261	(+)	SNNGATNNNN	TTGGATATTG
M0007						
6	V\$GATA2_01	0.840325	2261	(+)	NNNGATRNNN	TTGGATATTG
M0007						
7	V\$GATA3_01	0.832078	2262	(+)	NNGATARNG	TGGATATTG
M0012						
6	V\$GATA1_02	0.8125	2270	(-)	NNNNNGATANKGNN	GAAACTATCAAATA
M0007						
5	V\$GATA1_01	0.850938	2272	(-)	SNNGATNNNN	AACTATCAAA
M0007						
6	V\$GATA2_01	0.838069	2272	(-)	NNNGATRNNN	AACTATCAAA
M0007						
7	V\$GATA3_01	0.847142	2272	(-)	NNGATARNG	AACTATCAA
M0007						
5	V\$GATA1_01	0.777887	2283	(+)	SNNGATNNNN	ACAGATGCAA
M0007						
6	V\$GATA2_01	0.78304	2283	(+)	NNNGATRNNN	ACAGATGCAA
M0012						
6	V\$GATA1_02	0.828125	2304	(+)	NNNNNGATANKGNN	GCTGAGATACTCTA
M0007						
5	V\$GATA1_01	0.854393	2306	(+)	SNNGATNNNN	TGAGATACTC
M0007						
6	V\$GATA2_01	0.910239	2306	(+)	NNNGATRNNN	TGAGATACTC
M0007						
7	V\$GATA3_01	0.832964	2307	(+)	NNGATARNG	GAGATACTC
M0012						
7	V\$GATA1_03	0.784664	2325	(-)	RNSNNGATAANNGN	CTAATTTTCTATAT
M0020						
3	V\$GATA_C	0.86238	2330	(-)	NGATAAGNMNN	TTTCTATATCC
M0007						
5	V\$GATA1_01	0.791214	2355	(+)	SNNGATNNNN	CAGGATCACC
M0007						
5	V\$GATA1_01	0.906219	2355	(-)	SNNGATNNNN	CAGGATCACC
M0007						
6	V\$GATA2_01	0.853857	2355	(+)	NNNGATRNNN	CAGGATCACC
M0007						
6	V\$GATA2_01	0.865584	2355	(-)	NNNGATRNNN	CAGGATCACC
M0012						
7	V\$GATA1_03	0.83366	2375	(-)	RNSNNGATAANNGN	CTTCTTAACCTCTT
M0012						
8	V\$GATA1_04	0.813113	2375	(-)	NNCWGATARNNNN	CTTCTTAACCTCT
M0007						
5	V\$GATA1_01	0.815893	2430	(-)	SNNGATNNNN	AGAAATCTCT
M0007						
6	V\$GATA2_01	0.824538	2430	(-)	NNNGATRNNN	AGAAATCTCT
M0012						
6	V\$GATA1_02	0.781875	2476	(-)	NNNNNGATANKGNN	AAATGTATCATTGG
M0007						
5	V\$GATA1_01	0.813425	2478	(-)	SNNGATNNNN	ATGTATCATT
M0007						
6	V\$GATA2_01	0.821831	2478	(-)	NNNGATRNNN	ATGTATCATT
M0020						
3	V\$GATA_C	0.99503	2493	(-)	NGATAAGNMNN	AGTCCTTATCT
M0012						
6	V\$GATA1_02	0.873437	2494	(-)	NNNNNGATANKGNN	GTCCTTATCTTGTT
M0012						
7	V\$GATA1_03	0.930181	2494	(-)	RNSNNGATAANNGN	GTCCTTATCTTGTT
M0012						
8	V\$GATA1_04	0.962316	2494	(-)	NNCWGATARNNNN	GTCCTTATCTTGT

M0007						
5	V\$GATA1_01	0.885489	2496	(-)	SNNGATNNNN	CCTTATCTTG
M0007						
6	V\$GATA2_01	0.907984	2496	(-)	NNNGATRNNN	CCTTATCTTG
M0007						
7	V\$GATA3_01	0.954364	2496	(-)	NNGATARNG	CCTTATCTT
M0007						
5	V\$GATA1_01	0.85538	2579	(-)	SNNGATNNNN	CCACATCATT
M0007						
6	V\$GATA2_01	0.841678	2579	(-)	NNNGATRNNN	CCACATCATT
M0007						
7	V\$GATA3_01	0.84537	2579	(-)	NNGATARNG	CCACATCAT
M0007						
5	V\$GATA1_01	0.870681	2638	(+)	SNNGATNNNN	GAAGATTGAG
M0007						
6	V\$GATA2_01	0.853857	2638	(+)	NNNGATRNNN	GAAGATTGAG
M0007						
7	V\$GATA3_01	0.908285	2639	(+)	NNGATARNG	AAGATTGAG
M0012						
6	V\$GATA1_02	0.791562	2642	(+)	NNNNNGATANKGNN	ATTGAGATAAAATTT
M0012						
7	V\$GATA1_03	0.78099	2642	(+)	RNSNNGATAANNGN	ATTGAGATAAAATTT
M0012						
8	V\$GATA1_04	0.872549	2643	(+)	NNCWGATARNNNN	TTGAGATAAAATTT
M0007						
5	V\$GATA1_01	0.790227	2644	(+)	SNNGATNNNN	TGAGATAAAAT
M0007						
6	V\$GATA2_01	0.847542	2644	(+)	NNNGATRNNN	TGAGATAAAAT
M0007						
7	V\$GATA3_01	0.863979	2645	(+)	NNGATARNG	GAGATAAAAT
M0020						
3	V\$GATA_C	0.907735	2646	(+)	NGATAAGNMNN	AGATAAAATTTT
M0012						
6	V\$GATA1_02	0.826875	2669	(+)	NNNNNGATANKGNN	TTGGTGATAGAAAT
M0012						
7	V\$GATA1_03	0.78197	2669	(+)	RNSNNGATAANNGN	TTGGTGATAGAAAT
M0012						
8	V\$GATA1_04	0.88511	2670	(+)	NNCWGATARNNNN	TTGGTGATAGAAAT
M0007						
5	V\$GATA1_01	0.896841	2671	(+)	SNNGATNNNN	GGTGATAGAA
M0007						
6	V\$GATA2_01	0.87235	2671	(+)	NNNGATRNNN	GGTGATAGAA
M0007						
7	V\$GATA3_01	0.900753	2672	(+)	NNGATARNG	GTGATAGAA
M0020						
3	V\$GATA_C	0.885368	2673	(+)	NGATAAGNMNN	TGATAGAAATA
M0007						
5	V\$GATA1_01	0.780355	2682	(-)	SNNGATNNNN	TAAAATCCAG
M0012						
7	V\$GATA1_03	0.823861	2686	(+)	RNSNNGATAANNGN	ATCCAGACAAGCAA
M0020						
3	V\$GATA_C	0.867971	2690	(+)	NGATAAGNMNN	AGACAAGCAAC
M0007						
5	V\$GATA1_01	0.779862	2795	(-)	SNNGATNNNN	CTAAATCATT
M0007						
7	V\$GATA3_01	0.824546	2795	(-)	NNGATARNG	CTAAATCAT
M0020						
3	V\$GATA_C	0.937558	2803	(-)	NGATAAGNMNN	TTTCTTTATCA
M0012						
6	V\$GATA1_02	0.804375	2804	(-)	NNNNNGATANKGNN	TTCTTTATCATTCT
M0012						
7	V\$GATA1_03	0.882166	2804	(-)	RNSNNGATAANNGN	TTCTTTATCATICT
M0012						
8	V\$GATA1_04	0.904718	2804	(-)	NNCWGATARNNNN	TTCTTTATCATTC
M0007						
5	V\$GATA1_01	0.785291	2806	(-)	SNNGATNNNN	CTTTATCATT

M0007						
6	V\$GATA2_01	0.808751	2806	(-)	NNNGATRNNN	CTTTATCATT
M0007						
7	V\$GATA3_01	0.89012	2806	(-)	NNGATARNG	CTTTATCAT
M0007						
6	V\$GATA2_01	0.80018	2891	(+)	NNNGATRNNN	CACCATACTC
M0007						
7	V\$GATA3_01	0.82366	2903	(+)	NNGATARNG	AAGAGAGGA
M0020						
3	V\$GATA_C	0.847779	2928	(-)	NGATAAGNMNN	AATTTTGTCA
M0007						
5	V\$GATA1_01	0.779862	2979	(+)	SNNGATNNNN	ACAGATTAG
M0007						
7	V\$GATA3_01	0.842268	2980	(+)	NNGATARNG	CAGATTAG
M0007						
5	V\$GATA1_01	0.781836	3049	(+)	SNNGATNNNN	TGTGATCTTA
M0007						
6	V\$GATA2_01	0.797023	3049	(+)	NNNGATRNNN	TGTGATCTTA
M0007						
6	V\$GATA2_01	0.80424	3049	(-)	NNNGATRNNN	TGTGATCTTA
M0012						
7	V\$GATA1_03	0.782215	3052	(-)	RNSNNGATAANNGN	GATCTTATTATTAT
M0012						
7	V\$GATA1_03	0.784174	3055	(-)	RNSNNGATAANNGN	CTTATTATTATTGT
M0007						
5	V\$GATA1_01	0.827246	3071	(+)	SNNGATNNNN	TTTGATTGCT
M0007						
6	V\$GATA2_01	0.792512	3071	(+)	NNNGATRNNN	TTTGATTGCT
M0007						
5	V\$GATA1_01	0.871175	3128	(-)	SNNGATNNNN	AAATATCCTC
M0007						
6	V\$GATA2_01	0.92332	3128	(-)	NNNGATRNNN	AAATATCCTC
M0007						
5	V\$GATA1_01	0.772458	3133	(-)	SNNGATNNNN	TCCTCTCAGG
M0007						
6	V\$GATA2_01	0.793866	3173	(-)	NNNGATRNNN	GTCTATGTTC
M0012						
6	V\$GATA1_02	0.822188	3216	(-)	NNNNNGATANKGNN	TGGTGTATCGGTAA
M0007						
5	V\$GATA1_01	0.813425	3218	(-)	SNNGATNNNN	GTGTATCGGT
M0007						
6	V\$GATA2_01	0.834461	3218	(-)	NNNGATRNNN	GTGTATCGGT
M0012						
6	V\$GATA1_02	0.850938	3253	(-)	NNNNNGATANKGNN	TCCCCTCTCTATAA
M0007						
7	V\$GATA3_01	0.834293	3255	(-)	NNGATARNG	CCCTCTCTA
M0012						
6	V\$GATA1_02	0.813438	3290	(-)	NNNNNGATANKGNN	TATAATATCTTCAG
M0007						
5	V\$GATA1_01	0.840079	3292	(-)	SNNGATNNNN	TAATATCTTC
M0007						
6	V\$GATA2_01	0.879116	3292	(-)	NNNGATRNNN	TAATATCTTC
M0007						
7	V\$GATA3_01	0.866637	3292	(-)	NNGATARNG	TAATATCTT
M0007						
5	V\$GATA1_01	0.774926	3319	(-)	SNNGATNNNN	GAATATCGAT
M0007						
5	V\$GATA1_01	0.852419	3323	(-)	SNNGATNNNN	ATCGATCTGC
M0007						
6	V\$GATA2_01	0.848895	3323	(-)	NNNGATRNNN	ATCGATCTGC
M0007						
5	V\$GATA1_01	0.866239	3340	(-)	SNNGATNNNN	AACCATCTTA
M0007						
6	V\$GATA2_01	0.902571	3340	(-)	NNNGATRNNN	AACCATCTTA
M0007						
7	V\$GATA3_01	0.841382	3340	(-)	NNGATARNG	AACCATCTT

M0007						
6	V\$GATA2_01	0.801985	3358	(+)	NNNGATRNNN	GCACATAGAC
M0012						
6	V\$GATA1_02	0.789375	3418	(+)	NNNNNGATANKGNN	TTAAGGATATGTTA
M0007						
5	V\$GATA1_01	0.818855	3420	(+)	SNNGATNNNN	AAGGATATGT
M0007						
6	V\$GATA2_01	0.882724	3420	(+)	NNNGATRNNN	AAGGATATGT
M0007						
6	V\$GATA2_01	0.801985	3422	(-)	NNNGATRNNN	GGATATGTTA
M0012						
7	V\$GATA1_03	0.782215	3425	(-)	RNSNNGATAANNGN	TATGTTAGCATGAT
M0007						
5	V\$GATA1_01	0.837611	3433	(+)	SNNGATNNNN	CATGATTTAT
M0007						
6	V\$GATA2_01	0.787551	3433	(+)	NNNGATRNNN	CATGATTTAT
M0012						
7	V\$GATA1_03	0.791769	3457	(-)	RNSNNGATAANNGN	GCTTCTTTCTAGCT
M0007						
5	V\$GATA1_01	0.845015	3522	(-)	SNNGATNNNN	CTGAATCTTC
M0007						
6	V\$GATA2_01	0.828597	3522	(-)	NNNGATRNNN	CTGAATCTTC
M0007						
7	V\$GATA3_01	0.828977	3522	(-)	NNGATARNG	CTGAATCTT
M0007						
6	V\$GATA2_01	0.819576	3625	(+)	NNNGATRNNN	CAGCATAGAG
M0012						
7	V\$GATA1_03	0.794708	3654	(-)	RNSNNGATAANNGN	CCAGCTATTCTCTC
M0012						
7	V\$GATA1_03	0.814307	3657	(-)	RNSNNGATAANNGN	GCTATTCTCTCTTT
M0007						
6	V\$GATA2_01	0.798376	3670	(+)	NNNGATRNNN	TCAGTTAGCT
M0007						
6	V\$GATA2_01	0.839874	3676	(-)	NNNGATRNNN	AGCTATGATG
M0007						
5	V\$GATA1_01	0.821816	3679	(+)	SNNGATNNNN	TATGATGACT
M0007						
6	V\$GATA2_01	0.858818	3679	(+)	NNNGATRNNN	TATGATGACT
M0012						
7	V\$GATA1_03	0.822636	3708	(-)	RNSNNGATAANNGN	TCATTTATTTTCCT
M0012						
7	V\$GATA1_03	0.782705	3724	(-)	RNSNNGATAANNGN	AATTGTATCCAGGT
M0007						
5	V\$GATA1_01	0.785785	3726	(-)	SNNGATNNNN	TTGTATCCAG
M0007						
5	V\$GATA1_01	0.783317	3790	(-)	SNNGATNNNN	TTCAATCCCT
M0007						
6	V\$GATA2_01	0.786649	3790	(-)	NNNGATRNNN	TTCAATCCCT
M0007						
7	V\$GATA3_01	0.84537	3790	(-)	NNGATARNG	TTCAATCCC
M0012						
6	V\$GATA1_02	0.79	3807	(+)	NNNNNGATANKGNN	CATTTGATAAGTAT
M0012						
8	V\$GATA1_04	0.906863	3808	(+)	NNCWGATARNNNN	ATTTGATAAGTAT
M0007						
5	V\$GATA1_01	0.798124	3809	(+)	SNNGATNNNN	TTTGATAAGT
M0007						
6	V\$GATA2_01	0.792963	3809	(+)	NNNGATRNNN	TTTGATAAGT
M0007						
7	V\$GATA3_01	0.83961	3810	(+)	NNGATARNG	TTGATAAGT
M0020						
3	V\$GATA_C	0.9242	3811	(+)	NGATAAGNMNN	TGATAAGTATG
M0007						
6	V\$GATA2_01	0.797925	3815	(-)	NNNGATRNNN	AAGTATGTTA
M0007						
6	V\$GATA2_01	0.783491	3856	(-)	NNNGATRNNN	AAATATGGTA

M0012						
6	V\$GATA1_02	0.793125	4020	(-)	NNNNNGATANKGNN	TTTAATATCTACAG
M0012						
7	V\$GATA1_03	0.787604	4020	(-)	RNSNNGATAANNGN	TTTAATATCTACAG
M0007						
5	V\$GATA1_01	0.804047	4022	(-)	SNNGATNNNN	TAATATCTAC
M0007						
6	V\$GATA2_01	0.797474	4022	(-)	NNNGATRNNN	TAATATCTAC
M0007						
7	V\$GATA3_01	0.842268	4022	(-)	NNGATARNG	TAATATCTA
M0007						
5	V\$GATA1_01	0.80849	4051	(+)	SNNGATNNNN	AAAGATTCTT
M0007						
6	V\$GATA2_01	0.808751	4051	(+)	NNNGATRNNN	AAAGATTCTT
M0020						
3	V\$GATA_C	0.889407	4075	(-)	NGATAAGNMNN	AAGTGTATCC
M0012						
7	V\$GATA1_03	0.879716	4076	(-)	RNSNNGATAANNGN	AGTGTATCCACTT
M0007						
5	V\$GATA1_01	0.781343	4078	(-)	SNNGATNNNN	TGTTATCCAC
M0007						
6	V\$GATA2_01	0.815968	4078	(-)	NNNGATRNNN	TGTTATCCAC
M0012						
7	V\$GATA1_03	0.828025	4084	(-)	RNSNNGATAANNGN	CCACTTATTCTTCT
M0007						
5	V\$GATA1_01	0.836624	4119	(-)	SNNGATNNNN	AAAAATCAAC
M0007						
6	V\$GATA2_01	0.780785	4125	(+)	NNNGATRNNN	CAACATAATT
M0007						
5	V\$GATA1_01	0.801579	4213	(-)	SNNGATNNNN	TGAAATCAGA
M0007						
6	V\$GATA2_01	0.815968	4213	(-)	NNNGATRNNN	TGAAATCAGA
M0012						
7	V\$GATA1_03	0.805977	4216	(+)	RNSNNGATAANNGN	AATCAGATAAAACAA
M0012						
8	V\$GATA1_04	0.934743	4217	(+)	NNCWGATARNNNN	ATCAGATAAAACAA
M0007						
6	V\$GATA2_01	0.843933	4218	(+)	NNNGATRNNN	TCAGATAAAC
M0007						
7	V\$GATA3_01	0.840939	4219	(+)	NNGATARNG	CAGATAAAC
M0020						
3	V\$GATA_C	0.932588	4220	(+)	NGATAAGNMNN	AGATAAACAAA
M0012						
6	V\$GATA1_02	0.788125	4324	(+)	NNNNNGATANKGNN	TTCATTATAATGGA
M0020						
3	V\$GATA_C	0.943771	4340	(-)	NGATAAGNMNN	GTTCTTTATCT
M0012						
6	V\$GATA1_02	0.863438	4341	(-)	NNNNNGATANKGNN	TTCTTTATCTCTAG
M0012						
7	V\$GATA1_03	0.849339	4341	(-)	RNSNNGATAANNGN	TTCTTTATCTCTAG
M0012						
8	V\$GATA1_04	0.904412	4341	(-)	NNCWGATARNNNN	TTCTTTATCTCTA
M0007						
5	V\$GATA1_01	0.793189	4343	(-)	SNNGATNNNN	CTTTATCTCT
M0007						
6	V\$GATA2_01	0.828146	4343	(-)	NNNGATRNNN	CTTTATCTCT
M0007						
7	V\$GATA3_01	0.930882	4343	(-)	NNGATARNG	CTTTATCTC
M0012						
6	V\$GATA1_02	0.859063	4349	(+)	NNNNNGATANKGNN	CTCTAGATAATACC
M0012						
7	V\$GATA1_03	0.865507	4349	(+)	RNSNNGATAANNGN	CTCTAGATAATACC
M0012						
8	V\$GATA1_04	0.851409	4350	(+)	NNCWGATARNNNN	TCTAGATAATACC
M0007						
5	V\$GATA1_01	0.790227	4351	(+)	SNNGATNNNN	CTAGATAATA

M0007						
7	V\$GATA3_01	0.874169	4352	(+)	NNGATARNG	TAGATAATA
M0020						
3	V\$GATA_C	0.909289	4353	(+)	NGATAAGNMNN	AGATAATACCC
M0012						
6	V\$GATA1_02	0.77875	4361	(-)	NNNNNGATANKGNN	CCCACTATGTGTTG
M0007						
6	V\$GATA2_01	0.811908	4363	(-)	NNNGATRNNN	CACTATGTGT
M0020						
3	V\$GATA_C	0.845915	4395	(-)	NGATAAGNMNN	CTGACTTGTC
M0012						
6	V\$GATA1_02	0.834688	4451	(+)	NNNNNGATANKGNN	TATTTGATAGGCAA
M0012						
8	V\$GATA1_04	0.873162	4452	(+)	NNCWGATARNNNN	ATTTGATAGGCAA
M0007						
5	V\$GATA1_01	0.84847	4453	(+)	SNNGATNNNN	TTTGATAGGC
M0007						
6	V\$GATA2_01	0.840776	4453	(+)	NNNGATRNNN	TTTGATAGGC
M0007						
7	V\$GATA3_01	0.867966	4454	(+)	NNGATARNG	TTGATAGGC
M0020						
3	V\$GATA_C	0.90028	4455	(+)	NGATAAGNMNN	TGATAGGCAAC
M0007						
5	V\$GATA1_01	0.807996	4479	(+)	SNNGATNNNN	AATGATTTTT
M0007						
6	V\$GATA2_01	0.786198	4479	(+)	NNNGATRNNN	AATGATTTTT
M0007						
6	V\$GATA2_01	0.7871	4488	(+)	NNNGATRNNN	TAACATAACC
M0007						
5	V\$GATA1_01	0.773445	4513	(-)	SNNGATNNNN	AGGTTTCACC
M0012						
7	V\$GATA1_03	0.810632	4533	(+)	RNSNNGATAANNNGN	AGACAGGTAAGAAA
M0020						
3	V\$GATA_C	0.830693	4537	(+)	NGATAAGNMNN	AGGTAAGAAAT
M0012						
8	V\$GATA1_04	0.823836	4553	(+)	NNCWGATARNNNN	ACAAGATATACTG
M0007						
5	V\$GATA1_01	0.825765	4554	(+)	SNNGATNNNN	CAAGATATAC
M0007						
6	V\$GATA2_01	0.85972	4554	(+)	NNNGATRNNN	CAAGATATAC
M0012						
7	V\$GATA1_03	0.784174	4565	(+)	RNSNNGATAANNNGN	GTAGAGTTAACAAA
M0012						
7	V\$GATA1_03	0.800833	4590	(-)	RNSNNGATAANNNGN	TTTGTCTCTCCAG
M0007						
5	V\$GATA1_01	0.774926	4614	(+)	SNNGATNNNN	GGTGTGTGTC
M0012						
7	V\$GATA1_03	0.824841	4644	(+)	RNSNNGATAANNNGN	ATGGAAATAAACAC
M0012						
6	V\$GATA1_02	0.8375	4669	(+)	NNNNNGATANKGNN	AACCAGATAGATGA
M0012						
7	V\$GATA1_03	0.869672	4669	(+)	RNSNNGATAANNNGN	AACCAGATAGATGA
M0012						
8	V\$GATA1_04	0.918199	4670	(+)	NNCWGATARNNNN	ACCAGATAGATGA
M0007						
5	V\$GATA1_01	0.908193	4671	(+)	SNNGATNNNN	CCAGATAGAT
M0007						
6	V\$GATA2_01	0.907984	4671	(+)	NNNGATRNNN	CCAGATAGAT
M0007						
7	V\$GATA3_01	0.869296	4672	(+)	NNGATARNG	CAGATAGAT
M0012						
7	V\$GATA1_03	0.785644	4673	(+)	RNSNNGATAANNNGN	AGATAGATGAGATC
M0020						
3	V\$GATA_C	0.842187	4673	(+)	NGATAAGNMNN	AGATAGATGAG
M0007						
7	V\$GATA3_01	0.841382	4676	(+)	NNGATARNG	TAGATGAGA

M0007						
5	V\$GATA1_01	0.777887	4680	(-)	SNNGATNNNN	TGAGATCAAG
M0007						
6	V\$GATA2_01	0.796121	4680	(+)	NNNGATRNNN	TGAGATCAAG
M0012						
6	V\$GATA1_02	0.850937	4718	(+)	NNNNNGATANKGNN	TGAAAGATAAGAAC
M0012						
7	V\$GATA1_03	0.840274	4718	(+)	RNSNNGATAANNGN	TGAAAGATAAGAAC
M0012						
8	V\$GATA1_04	0.938113	4719	(+)	NNCWGATARNNNN	GAAAGATAAGAAC
M0007						
6	V\$GATA2_01	0.823636	4720	(+)	NNNGATRNNN	AAAGATAAGA
M0007						
7	V\$GATA3_01	0.919362	4721	(+)	NNGATARNG	AAGATAAGA
M0020						
3	V\$GATA_C	0.982293	4722	(+)	NGATAAGNMNN	AGATAAGAACA
M0012						
6	V\$GATA1_02	0.825625	4830	(+)	NNNNNGATANKGNN	GAAATGATATAGCA
M0012						
8	V\$GATA1_04	0.854167	4831	(+)	NNCWGATARNNNN	AAATGATATAGCA
M0007						
5	V\$GATA1_01	0.803554	4832	(+)	SNNGATNNNN	AATGATATAG
M0007						
6	V\$GATA2_01	0.823636	4832	(+)	NNNGATRNNN	AATGATATAG
M0007						
7	V\$GATA3_01	0.858219	4833	(+)	NNGATARNG	ATGATATAG
M0020						
3	V\$GATA_C	0.870146	4834	(+)	NGATAAGNMNN	TGATATAGCAA
M0007						
6	V\$GATA2_01	0.784393	4904	(-)	NNNGATRNNN	AGGTATGTTT
M0007						
6	V\$GATA2_01	0.79567	4918	(+)	NNNGATRNNN	ATAGATATCC
M0007						
5	V\$GATA1_01	0.770484	4920	(-)	SNNGATNNNN	AGATATCCAT
M0007						
6	V\$GATA2_01	0.813712	4920	(-)	NNNGATRNNN	AGATATCCAT
M0007						
5	V\$GATA1_01	0.774926	4983	(-)	SNNGATNNNN	GAACATCGAT
M0012						
7	V\$GATA1_03	0.817001	4996	(+)	RNSNNGATAANNGN	CTGAAGGTAAGGAC
M0012						
8	V\$GATA1_04	0.811275	4997	(+)	NNCWGATARNNNN	TGAAGGTAAGGAC
M0020						
3	V\$GATA_C	0.840634	5000	(+)	NGATAAGNMNN	AGGTAAGGACC
M0007						
5	V\$GATA1_01	0.827739	5007	(-)	SNNGATNNNN	GACCATCAAT
M0012						
6	V\$GATA1_02	0.775625	5012	(+)	NNNNNGATANKGNN	TCAATGATATTTAA
M0007						
5	V\$GATA1_01	0.831688	5014	(+)	SNNGATNNNN	AATGATATTT
M0007						
6	V\$GATA2_01	0.850699	5014	(+)	NNNGATRNNN	AATGATATTT
M0012						
6	V\$GATA1_02	0.862812	5144	(+)	NNNNNGATANKGNN	CTTAAGATAATGTG
M0012						
7	V\$GATA1_03	0.798628	5144	(+)	RNSNNGATAANNGN	CTTAAGATAATGTG
M0012						
8	V\$GATA1_04	0.877757	5145	(+)	NNCWGATARNNNN	TTAAGATAATGTG
M0007						
5	V\$GATA1_01	0.812438	5146	(+)	SNNGATNNNN	TAAGATAATG
M0007						
6	V\$GATA2_01	0.892648	5146	(+)	NNNGATRNNN	TAAGATAATG
M0007						
7	V\$GATA3_01	0.93354	5147	(+)	NNGATARNG	AAGATAATG
M0012						
6	V\$GATA1_02	0.809375	5179	(+)	NNNNNGATANKGNN	GTAGAGAAAGTGTT

M0020						
3	V\$GATA_C	0.860516	5208	(-)	NGATAAGNMNN	AATATTGTCT
M0007						
5	V\$GATA1_01	0.859329	5254	(+)	SNNGATNNNN	GCTGATGAAT
M0007						
6	V\$GATA2_01	0.822282	5254	(+)	NNNGATRNNN	GCTGATGAAT
M0012						
6	V\$GATA1_02	0.80125	5314	(+)	NNNNNGATANKGNN	GAAGAGACAGGGCC
M0020						
3	V\$GATA_C	0.871389	5318	(+)	NGATAAGNMNN	AGACAGGGCCT
M0012						
6	V\$GATA1_02	0.781563	5371	(+)	NNNNNGATANKGNN	TTATAGACAGTTGT
M0012						
7	V\$GATA1_03	0.828025	5377	(-)	RNSNNGATAANNGN	ACAGTTGTCTGCAC
M0012						
6	V\$GATA1_02	0.807187	5390	(-)	NNNNNGATANKGNN	CTTAGTATCAAAAC
M0007						
5	V\$GATA1_01	0.789733	5392	(-)	SNNGATNNNN	TAGTATCAAA
M0007						
6	V\$GATA2_01	0.78304	5392	(-)	NNNGATRNNN	TAGTATCAAA
M0012						
6	V\$GATA1_02	0.842812	5438	(-)	NNNNNGATANKGNN	CAACGTATCTGCTC
M0012						
7	V\$GATA1_03	0.847379	5438	(-)	RNSNNGATAANNGN	CAACGTATCTGCTC
M0012						
8	V\$GATA1_04	0.846507	5438	(-)	NNCWGATARNNNN	CAACGTATCTGCT
M0007						
5	V\$GATA1_01	0.929911	5440	(-)	SNNGATNNNN	ACGTATCTGC
M0007						
6	V\$GATA2_01	0.934596	5440	(-)	NNNGATRNNN	ACGTATCTGC
M0007						
7	V\$GATA3_01	0.830749	5440	(-)	NNGATARNG	ACGTATCTG
M0012						
7	V\$GATA1_03	0.800833	5473	(-)	RNSNNGATAANNGN	GTTATTATCACTT
M0007						
5	V\$GATA1_01	0.807996	5495	(+)	SNNGATNNNN	AATGATTTTT
M0007						
6	V\$GATA2_01	0.786198	5495	(+)	NNNGATRNNN	AATGATTTTT
M0007						
5	V\$GATA1_01	0.795656	5504	(-)	SNNGATNNNN	TTGGATCTGG
M0007						
6	V\$GATA2_01	0.782138	5504	(+)	NNNGATRNNN	TTGGATCTGG
M0007						
6	V\$GATA2_01	0.788453	5504	(-)	NNNGATRNNN	TTGGATCTGG
M0007						
5	V\$GATA1_01	0.82231	5510	(+)	SNNGATNNNN	CTGGATTCTC
M0007						
5	V\$GATA1_01	0.877098	5522	(+)	SNNGATNNNN	CCAGATTTTT
M0007						
6	V\$GATA2_01	0.847091	5522	(+)	NNNGATRNNN	CCAGATTTTT
M0007						
5	V\$GATA1_01	0.817374	5546	(-)	SNNGATNNNN	AGAGATCACA
M0007						
6	V\$GATA2_01	0.845737	5546	(-)	NNNGATRNNN	AGAGATCACA
M0007						
5	V\$GATA1_01	0.838105	5555	(+)	SNNGATNNNN	ACAGATGCTC
M0007						
6	V\$GATA2_01	0.849346	5555	(+)	NNNGATRNNN	ACAGATGCTC
M0012						
6	V\$GATA1_02	0.79125	5571	(+)	NNNNNGATANKGNN	TGTGAGATAAAATA
M0012						
8	V\$GATA1_04	0.868873	5572	(+)	NNCWGATARNNNN	GTGAGATAAAATA
M0007						
6	V\$GATA2_01	0.817772	5573	(+)	NNNGATRNNN	TGAGATAAAA
M0007						
7	V\$GATA3_01	0.895879	5574	(+)	NNGATARNG	GAGATAAAA

M0020						
3	V\$GATA_C	0.903075	5575	(+)	NGATAAGNMNN	AGATAAAATAA
M0012						
6	V\$GATA1_02	0.772813	5582	(-)	NNNNNGATANKGNN	ATAAATATCTTTGT
M0007						
5	V\$GATA1_01	0.810958	5584	(-)	SNNGATNNNN	AAATATCTTT
M0007						
6	V\$GATA2_01	0.861976	5584	(-)	NNNGATRNNN	AAATATCTTT
M0007						
7	V\$GATA3_01	0.834736	5584	(-)	NNGATARNG	AAATATCTT
M0007						
5	V\$GATA1_01	0.774926	5614	(+)	SNNGATNNNN	AATGATTATC
M0020						
3	V\$GATA_C	0.889096	5614	(-)	NGATAAGNMNN	AATGATTATCT
M0012						
6	V\$GATA1_02	0.856563	5615	(-)	NNNNNGATANKGNN	ATGATTATCTTTGA
M0012						
7	V\$GATA1_03	0.798138	5615	(-)	RNSNNGATAANNGN	ATGATTATCTTTGA
M0012						
8	V\$GATA1_04	0.813113	5615	(-)	NNCWGATARNNNN	ATGATTATCTTTG
M0007						
5	V\$GATA1_01	0.777887	5617	(-)	SNNGATNNNN	GATTATCTTT
M0007						
6	V\$GATA2_01	0.843482	5617	(-)	NNNGATRNNN	GATTATCTTT
M0007						
7	V\$GATA3_01	0.866637	5617	(-)	NNGATARNG	GATTATCTT
M0020						
3	V\$GATA_C	0.885989	5624	(-)	NGATAAGNMNN	TTTGATTATCT
M0012						
6	V\$GATA1_02	0.867812	5625	(-)	NNNNNGATANKGNN	TTGATTATCTTTTC
M0012						
7	V\$GATA1_03	0.881186	5625	(-)	RNSNNGATAANNGN	TTGATTATCTTTTC
M0012						
8	V\$GATA1_04	0.875613	5625	(-)	NNCWGATARNNNN	TTGATTATCTTTT
M0007						
5	V\$GATA1_01	0.777887	5627	(-)	SNNGATNNNN	GATTATCTTT
M0007						
6	V\$GATA2_01	0.843482	5627	(-)	NNNGATRNNN	GATTATCTTT
M0007						
7	V\$GATA3_01	0.866637	5627	(-)	NNGATARNG	GATTATCTT
M0012						
6	V\$GATA1_02	0.770625	5630	(-)	NNNNNGATANKGNN	TATCTTTTCTTGAC
M0012						
6	V\$GATA1_02	0.821875	5641	(+)	NNNNNGATANKGNN	GACAGGATACTAGG
M0012						
7	V\$GATA1_03	0.868692	5641	(+)	RNSNNGATAANNGN	GACAGGATACTAGG
M0007						
5	V\$GATA1_01	0.861303	5643	(+)	SNNGATNNNN	CAGGATACTA
M0007						
6	V\$GATA2_01	0.899414	5643	(+)	NNNGATRNNN	CAGGATACTA
M0007						
5	V\$GATA1_01	0.777394	5671	(+)	SNNGATNNNN	TAAGATTATT
M0007						
6	V\$GATA2_01	0.815065	5671	(+)	NNNGATRNNN	TAAGATTATT
M0007						
7	V\$GATA3_01	0.832964	5672	(+)	NNGATARNG	AAGATTATT
M0012						
6	V\$GATA1_02	0.790625	5690	(+)	NNNNNGATANKGNN	TTAAATATAAGGAA
M0020						
3	V\$GATA_C	0.831625	5694	(+)	NGATAAGNMNN	ATATAAGGAAA
M0012						
7	V\$GATA1_03	0.791034	5696	(+)	RNSNNGATAANNGN	ATAAGGAAAAGAAA
M0012						
7	V\$GATA1_03	0.786134	5777	(+)	RNSNNGATAANNGN	AGACAGATATCTCT
M0012						
8	V\$GATA1_04	0.862745	5778	(+)	NNCWGATARNNNN	GACAGATATCTCT

M0007						
5	V\$GATA1_01	0.831688	5779	(+)	SNNGATNNNN	ACAGATATCT
M0007						
6	V\$GATA2_01	0.889039	5779	(+)	NNNGATRNNN	ACAGATATCT
M0012						
6	V\$GATA1_02	0.81125	5779	(-)	NNNNNGATANKGNN	ACAGATATCTCTAA
M0012						
8	V\$GATA1_04	0.835784	5779	(-)	NNCWGATARNNNN	ACAGATATCTCTA
M0007						
5	V\$GATA1_01	0.839585	5781	(-)	SNNGATNNNN	AGATATCTCT
M0007						
6	V\$GATA2_01	0.889039	5781	(-)	NNNGATRNNN	AGATATCTCT
M0007						
7	V\$GATA3_01	0.836066	5781	(-)	NNGATARNG	AGATATCTC
M0007						
6	V\$GATA2_01	0.835814	5811	(+)	NNNGATRNNN	CAGCATAGCA
M0007						
5	V\$GATA1_01	0.831194	5868	(-)	SNNGATNNNN	ATGGATCATG
M0007						
6	V\$GATA2_01	0.798827	5868	(-)	NNNGATRNNN	ATGGATCATG
M0012						
7	V\$GATA1_03	0.801568	5901	(+)	RNSNNGATAANNGN	GTCATGAAAACCTGA
M0007						
5	V\$GATA1_01	0.948667	5991	(-)	SNNGATNNNN	CCACATCACC
M0007						
6	V\$GATA2_01	0.896707	5991	(-)	NNNGATRNNN	CCACATCACC
M0007						
7	V\$GATA3_01	0.86265	5991	(-)	NNGATARNG	CCACATCAC
M0012						
7	V\$GATA1_03	0.805977	6066	(+)	RNSNNGATAANNGN	AAGAAAATAAAGGT
M0012						
7	V\$GATA1_03	0.799363	6075	(-)	RNSNNGATAANNGN	AAGGTTATTTACAT
M0020						
3	V\$GATA_C	0.937248	6088	(-)	NGATAAGNMNN	TTGATTTATCA
M0012						
6	V\$GATA1_02	0.799063	6089	(-)	NNNNNGATANKGNN	TGATTTATCACAAC
M0012						
8	V\$GATA1_04	0.886336	6089	(-)	NNCWGATARNNNN	TGATTTATCACAA
M0007						
5	V\$GATA1_01	0.810958	6091	(-)	SNNGATNNNN	ATTTATCACA
M0007						
6	V\$GATA2_01	0.836265	6091	(-)	NNNGATRNNN	ATTTATCACA
M0007						
7	V\$GATA3_01	0.840496	6091	(-)	NNGATARNG	ATTTATCAC
M0012						
8	V\$GATA1_04	0.827819	6100	(+)	NNCWGATARNNNN	AACATATAAGAAT
M0007						
5	V\$GATA1_01	0.837117	6107	(-)	SNNGATNNNN	AAGAATCTAC
M0012						
7	V\$GATA1_03	0.844684	6140	(+)	RNSNNGATAANNGN	ATGCAGATTAGTGA
M0007						
5	V\$GATA1_01	0.866732	6142	(+)	SNNGATNNNN	GCAGATTAGT
M0007						
6	V\$GATA2_01	0.843933	6142	(+)	NNNGATRNNN	GCAGATTAGT
M0007						
7	V\$GATA3_01	0.848028	6143	(+)	NNGATARNG	CAGATTAGT
M0012						
7	V\$GATA1_03	0.797893	6164	(-)	RNSNNGATAANNGN	TTGGTTAGCCTGGT
M0012						
7	V\$GATA1_03	0.816512	6170	(+)	RNSNNGATAANNGN	AGCCTGGTAGGCAG
M0012						
7	V\$GATA1_03	0.791034	6189	(-)	RNSNNGATAANNGN	TTTGTTTTCTTAT
M0020						
3	V\$GATA_C	0.963964	6194	(-)	NGATAAGNMNN	TTTCCTTATCA
M0012						
6	V\$GATA1_02	0.882188	6195	(-)	NNNNNGATANKGNN	TTCTTATCACTTG

M0012						
7	V\$GATA1_03	0.855218	6195	(-)	RNSNNGATAANNGN	TTCCTTATCACTTG
M0012						
8	V\$GATA1_04	0.931373	6195	(-)	NNCWGATARNNNN	TTCCTTATCACTT
M0007						
5	V\$GATA1_01	0.865745	6197	(-)	SNNGATNNNN	CCTTATCACT
M0007						
6	V\$GATA2_01	0.863329	6197	(-)	NNNGATRNNN	CCTTATCACT
M0007						
7	V\$GATA3_01	0.948161	6197	(-)	NNGATARNG	CCTTATCAC
M0007						
6	V\$GATA2_01	0.80424	6265	(-)	NNNGATRNNN	TTACATCTGA
M0020						
3	V\$GATA_C	0.935384	6274	(-)	NGATAAGNMNN	AATATTTATCA
M0012						
6	V\$GATA1_02	0.774062	6275	(-)	NNNNNGATANKGNN	ATATTTATCATAAA
M0012						
8	V\$GATA1_04	0.908088	6275	(-)	NNCWGATARNNNN	ATATTTATCATAA
M0007						
5	V\$GATA1_01	0.78233	6277	(-)	SNNGATNNNN	ATTTATCATA
M0007						
6	V\$GATA2_01	0.828146	6277	(-)	NNNGATRNNN	ATTTATCATA
M0007						
7	V\$GATA3_01	0.823217	6277	(-)	NNGATARNG	ATTTATCAT
M0012						
6	V\$GATA1_02	0.798437	6302	(-)	NNNNNGATANKGNN	TCTCTTTTCTTTTC
M0012						
7	V\$GATA1_03	0.788339	6302	(-)	RNSNNGATAANNGN	TCTCTTTTCTTTTC
M0012						
7	V\$GATA1_03	0.795688	6309	(-)	RNSNNGATAANNGN	TCTTTTCTCAGGAT
M0007						
5	V\$GATA1_01	0.770484	6317	(+)	SNNGATNNNN	CAGGATCACA
M0007						
5	V\$GATA1_01	0.849951	6317	(-)	SNNGATNNNN	CAGGATCACA
M0007						
6	V\$GATA2_01	0.827695	6317	(+)	NNNGATRNNN	CAGGATCACA
M0007						
6	V\$GATA2_01	0.85115	6317	(-)	NNNGATRNNN	CAGGATCACA
M0007						
5	V\$GATA1_01	0.877591	6322	(-)	SNNGATNNNN	TCACATCATG
M0007						
6	V\$GATA2_01	0.840325	6322	(-)	NNNGATRNNN	TCACATCATG
M0020						
3	V\$GATA_C	0.849643	6342	(+)	NGATAAGNMNN	AGGTAAGACCT
M0007						
6	V\$GATA2_01	0.790708	6388	(-)	NNNGATRNNN	TAGTATGTGC
M0007						
6	V\$GATA2_01	0.818223	6397	(-)	NNNGATRNNN	CACTATGCTT
M0020						
3	V\$GATA_C	0.898726	6406	(-)	NGATAAGNMNN	TTACTTTATCA
M0012						
6	V\$GATA1_02	0.829063	6407	(-)	NNNNNGATANKGNN	TACTTTATCAAAGC
M0007						
7	V\$GATA3_01	0.865751	6409	(-)	NNGATARNG	CTTTATCAA
M0007						
6	V\$GATA2_01	0.804691	6418	(-)	NNNGATRNNN	AGCTGTCTTC
M0007						
5	V\$GATA1_01	0.828233	6438	(+)	SNNGATNNNN	CAAGATTGAA
M0007						
6	V\$GATA2_01	0.805593	6438	(+)	NNNGATRNNN	CAAGATTGAA
M0007						
7	V\$GATA3_01	0.873283	6439	(+)	NNGATARNG	AAGATTGAA
M0012						
6	V\$GATA1_02	0.842188	6490	(+)	NNNNNGATANKGNN	TGCCAGATAAAGTT
M0012						
7	V\$GATA1_03	0.783439	6490	(+)	RNSNNGATAANNGN	TGCCAGATAAAGTT

M0012						
8	V\$GATA1_04	0.913909	6491	(+)	NNCWGATARNNNN	GCCAGATAAAGTT
M0007						
5	V\$GATA1_01	0.854393	6492	(+)	SNNGATNNNN	CCAGATAAAG
M0007						
6	V\$GATA2_01	0.869644	6492	(+)	NNNGATRNNN	CCAGATAAAG
M0007						
7	V\$GATA3_01	0.907842	6493	(+)	NNGATARNG	CAGATAAAG
M0020						
3	V\$GATA_C	0.907114	6494	(+)	NGATAAGNMNN	AGATAAAGTTA
M0012						
6	V\$GATA1_02	0.833125	6530	(+)	NNNNNGATANKGNN	TAAATGATAATCAG
M0012						
7	V\$GATA1_03	0.804508	6530	(+)	RNSNNGATAANNGN	TAAATGATAATCAG
M0012						
8	V\$GATA1_04	0.883578	6531	(+)	NNCWGATARNNNN	AAATGATAATCAG
M0007						
5	V\$GATA1_01	0.798618	6532	(+)	SNNGATNNNN	AATGATAATC
M0007						
6	V\$GATA2_01	0.832206	6532	(+)	NNNGATRNNN	AATGATAATC
M0007						
7	V\$GATA3_01	0.843155	6533	(+)	NNGATARNG	ATGATAATC
M0007						
5	V\$GATA1_01	0.795656	6535	(-)	SNNGATNNNN	GATAATCAGT
M0012						
6	V\$GATA1_02	0.79	6555	(+)	NNNNNGATANKGNN	TCAGAGATTAGGTT
M0007						
5	V\$GATA1_01	0.821323	6557	(+)	SNNGATNNNN	AGAGATTAGG
M0007						
6	V\$GATA2_01	0.810104	6557	(+)	NNNGATRNNN	AGAGATTAGG
M0007						
7	V\$GATA3_01	0.937971	6558	(+)	NNGATARNG	GAGATTAGG
M0020						
3	V\$GATA_C	0.891271	6565	(-)	NGATAAGNMNN	GGTCTTGTCT
M0012						
7	V\$GATA1_03	0.817001	6566	(-)	RNSNNGATAANNGN	GTTCTTGTCTCCTC
M0007						
5	V\$GATA1_01	0.798124	6593	(+)	SNNGATNNNN	AGAGATGAGA
M0007						
6	V\$GATA2_01	0.803338	6593	(+)	NNNGATRNNN	AGAGATGAGA
M0007						
7	V\$GATA3_01	0.883031	6594	(+)	NNGATARNG	GAGATGAGA
M0007						
5	V\$GATA1_01	0.807996	6624	(+)	SNNGATNNNN	GAGGATTAT
M0007						
6	V\$GATA2_01	0.818674	6624	(+)	NNNGATRNNN	GAGGATTAT
M0012						
6	V\$GATA1_02	0.785	6638	(+)	NNNNNGATANKGNN	GTATAGAAAGGACG
M0012						
7	V\$GATA1_03	0.820676	6657	(+)	RNSNNGATAANNGN	AAGGGGAGAGCGGG
M0007						
5	V\$GATA1_01	0.785291	6659	(+)	SNNGATNNNN	GGGGAGAGCG
M0007						
6	V\$GATA2_01	0.792512	6659	(+)	NNNGATRNNN	GGGGAGAGCG
M0007						
5	V\$GATA1_01	0.781343	6671	(-)	SNNGATNNNN	CAGCCTCAGG
M0007						
5	V\$GATA1_01	0.822804	6765	(+)	SNNGATNNNN	GGGGTTGGGG
M0007						
6	V\$GATA2_01	0.799278	6765	(+)	NNNGATRNNN	GGGGTTGGGG
M0007						
5	V\$GATA1_01	0.883021	6783	(+)	SNNGATNNNN	CCTGATTTTC
M0007						
6	V\$GATA2_01	0.832206	6783	(+)	NNNGATRNNN	CCTGATTTTC
M0012						
7	V\$GATA1_03	0.83317	6784	(-)	RNSNNGATAANNGN	CTGATTTTCATCCC

M0007						
6	V\$GATA2_01	0.803789	6789	(-)	NNNGATRNNN	TTTCATCCCA
M0007						
5	V\$GATA1_01	0.789733	6803	(-)	SNNGATNNNN	CACCTTCCCG
M0007						
5	V\$GATA1_01	0.815893	6821	(+)	SNNGATNNNN	AGAGATTTTT
M0007						
6	V\$GATA2_01	0.805593	6821	(+)	NNNGATRNNN	AGAGATTTTT
M0020						
3	V\$GATA_C	0.83877	6830	(-)	NGATAAGNMNN	TGTTCTTATTT
M0007						
7	V\$GATA3_01	0.844927	6838	(-)	NNGATARNG	TTTAATCTT
M0007						
5	V\$GATA1_01	0.828233	6874	(+)	SNNGATNNNN	TCTGATCCGC
M0007						
5	V\$GATA1_01	0.799112	6874	(-)	SNNGATNNNN	TCTGATCCGC
M0007						
6	V\$GATA2_01	0.840776	6874	(+)	NNNGATRNNN	TCTGATCCGC
M0007						
6	V\$GATA2_01	0.828597	6874	(-)	NNNGATRNNN	TCTGATCCGC
M0007						
5	V\$GATA1_01	0.783317	6881	(+)	SNNGATNNNN	CGCGAGGCTG
M0007						
5	V\$GATA1_01	0.857848	6887	(+)	SNNGATNNNN	GCTGATTTTA
M0007						
6	V\$GATA2_01	0.811457	6887	(+)	NNNGATRNNN	GCTGATTTTA
M0007						
6	V\$GATA2_01	0.865133	6906	(+)	NNNGATRNNN	GAGCATAGTG
M0007						
5	V\$GATA1_01	0.815893	6931	(+)	SNNGATNNNN	TTAGATGCTG
M0007						
6	V\$GATA2_01	0.808751	6931	(+)	NNNGATRNNN	TTAGATGCTG
M0007						
5	V\$GATA1_01	0.901777	6940	(+)	SNNGATNNNN	GGAGATTCCT
M0007						
6	V\$GATA2_01	0.882724	6940	(+)	NNNGATRNNN	GGAGATTCCT
M0012						
6	V\$GATA1_02	0.778125	6957	(-)	NNNNNGATANKGNN	CCACCTTCTTTTC
M0012						
7	V\$GATA1_03	0.817001	6962	(-)	RNSNNGATAANNGN	TTTCTTTCTCTGCT
M0007						
6	V\$GATA2_01	0.788453	6978	(+)	NNNGATRNNN	CAGGACACCT
M0012						
7	V\$GATA1_03	0.804508	6982	(-)	RNSNNGATAANNGN	ACACCTGTCACCCC
M0007						
5	V\$GATA1_01	0.811451	6984	(-)	SNNGATNNNN	ACCTGTCACC
M0007						
6	V\$GATA2_01	0.788904	6984	(-)	NNNGATRNNN	ACCTGTCACC
M0020						
3	V\$GATA_C	0.960236	7006	(-)	NGATAAGNMNN	AATTCTTATCA
M0012						
6	V\$GATA1_02	0.843438	7007	(-)	NNNNNGATANKGNN	ATTCTTATCAGTCC
M0012						
7	V\$GATA1_03	0.897354	7007	(-)	RNSNNGATAANNGN	ATTCTTATCAGTCC
M0012						
8	V\$GATA1_04	0.9519	7007	(-)	NNCWGATARNNNN	ATTCTTATCAGTC
M0007						
5	V\$GATA1_01	0.810958	7009	(-)	SNNGATNNNN	TCTTATCAGT
M0007						
6	V\$GATA2_01	0.820478	7009	(-)	NNNGATRNNN	TCTTATCAGT
M0007						
7	V\$GATA3_01	0.89012	7009	(-)	NNGATARNG	TCTTATCAG
M0012						
7	V\$GATA1_03	0.807692	7029	(-)	RNSNNGATAANNGN	CTGCTTTTCTCTGT
M0012						
7	V\$GATA1_03	0.815287	7031	(-)	RNSNNGATAANNGN	GCTTTTCTCTGTCT

M0007						
5	V\$GATA1_01	0.840573	7067	(+)	SNNGATNNNN	CAAGATGTAT
M0007						
6	V\$GATA2_01	0.834912	7067	(+)	NNNGATRNNN	CAAGATGTAT
M0012						
7	V\$GATA1_03	0.796178	7086	(-)	RNSNNGATAANNGN	CCATTAGCTGGTT
M0012						
6	V\$GATA1_02	0.8225	7100	(-)	NNNNNGATANKGNN	CCCCCTTTCTCTGC
M0012						
7	V\$GATA1_03	0.78099	7100	(-)	RNSNNGATAANNGN	CCCCCTTTCTCTGC
M0007						
7	V\$GATA3_01	0.840496	7102	(-)	NNGATARNG	CCCTTTCTC
M0012						
7	V\$GATA1_03	0.805488	7102	(-)	RNSNNGATAANNGN	CCCTTTCTCTGCTC
M0012						
8	V\$GATA1_04	0.828431	7102	(-)	NNCWGATARNNNN	CCCTTTCTCTGCT
M0007						
5	V\$GATA1_01	0.850938	7251	(-)	SNNGATNNNN	TGCCATCCAG
M0007						
6	V\$GATA2_01	0.833559	7251	(-)	NNNGATRNNN	TGCCATCCAG
M0007						
6	V\$GATA2_01	0.824538	7260	(-)	NNNGATRNNN	GGGTATGAGC
M0007						
6	V\$GATA2_01	0.815516	7334	(+)	NNNGATRNNN	TAGGATCCAT
M0007						
7	V\$GATA3_01	0.896323	7355	(-)	NNGATARNG	CCTAATCTA
M0007						
5	V\$GATA1_01	0.88154	7365	(+)	SNNGATNNNN	AAAGATGGGG
M0007						
6	V\$GATA2_01	0.88949	7365	(+)	NNNGATRNNN	AAAGATGGGG
M0007						
7	V\$GATA3_01	0.929109	7366	(+)	NNGATARNG	AAGATGGGG
M0007						
5	V\$GATA1_01	0.833169	7401	(-)	SNNGATNNNN	GTTAATCACG
M0007						
5	V\$GATA1_01	0.781836	7418	(+)	SNNGATNNNN	AGAGATGAAT
M0007						
6	V\$GATA2_01	0.786649	7418	(+)	NNNGATRNNN	AGAGATGAAT
M0007						
5	V\$GATA1_01	0.794669	7446	(-)	SNNGATNNNN	ATCAATCTTT
M0007						
6	V\$GATA2_01	0.793866	7446	(-)	NNNGATRNNN	ATCAATCTTT
M0007						
7	V\$GATA3_01	0.841382	7446	(-)	NNGATARNG	ATCAATCTT
M0007						
6	V\$GATA2_01	0.809202	7457	(-)	NNNGATRNNN	AAATATGTCC
M0007						
5	V\$GATA1_01	0.827246	7500	(-)	SNNGATNNNN	AAACATCCGT
M0007						
6	V\$GATA2_01	0.856112	7500	(-)	NNNGATRNNN	AAACATCCGT
M0007						
6	V\$GATA2_01	0.824087	7540	(+)	NNNGATRNNN	AAGCATAGCT
M0020						
3	V\$GATA_C	0.896241	7716	(-)	NGATAAGNMNN	CATTTTATCA
M0012						
6	V\$GATA1_02	0.794375	7717	(-)	NNNNNGATANKGNN	ATTTTATCACAAA
M0012						
8	V\$GATA1_04	0.907475	7717	(-)	NNCWGATARNNNN	ATTTTATCACAA
M0007						
5	V\$GATA1_01	0.77542	7719	(-)	SNNGATNNNN	TTTTATCACA
M0007						
6	V\$GATA2_01	0.806495	7719	(-)	NNNGATRNNN	TTTTATCACA
M0007						
7	V\$GATA3_01	0.872397	7719	(-)	NNGATARNG	TTTTATCAC
M0007						
5	V\$GATA1_01	0.869694	7755	(-)	SNNGATNNNN	GTCAATCATG

M0007						
6	V\$GATA2_01	0.820478	7755	(-)	NNNGATRNNN	GTCAATCATG
M0020						
3	V\$GATA_C	0.861758	7759	(-)	NGATAAGNMNN	ATCATGTATCT
M0012						
6	V\$GATA1_02	0.820938	7760	(-)	NNNNNGATANKGNN	TCATGTATCTGTGT
M0012						
7	V\$GATA1_03	0.828515	7760	(-)	RNSNNGATAANNGN	TCATGTATCTGTGT
M0007						
5	V\$GATA1_01	0.813425	7762	(-)	SNNGATNNNN	ATGTATCTGT
M0007						
6	V\$GATA2_01	0.841227	7762	(-)	NNNGATRNNN	ATGTATCTGT
M0020						
3	V\$GATA_C	0.860826	7796	(-)	NGATAAGNMNN	TGAAGTTATCA
M0012						
7	V\$GATA1_03	0.786379	7797	(-)	RNSNNGATAANNGN	GAAGTTATCAGGGA
M0012						
8	V\$GATA1_04	0.816483	7797	(-)	NNCWGATARNNNN	GAAGTTATCAGGG
M0007						
5	V\$GATA1_01	0.903258	7799	(-)	SNNGATNNNN	AGTTATCAGG
M0007						
6	V\$GATA2_01	0.904375	7799	(-)	NNNGATRNNN	AGTTATCAGG
M0007						
7	V\$GATA3_01	0.821444	7799	(-)	NNGATARNG	AGTTATCAG
M0007						
6	V\$GATA2_01	0.79567	7831	(+)	NNNGATRNNN	CAACATATT
M0012						
7	V\$GATA1_03	0.785154	7912	(+)	RNSNNGATAANNGN	AAGGAGTTAGCACC
M0007						
6	V\$GATA2_01	0.78304	7914	(+)	NNNGATRNNN	GGAGTTAGCA
M0012						
7	V\$GATA1_03	0.798873	7914	(-)	RNSNNGATAANNGN	GGAGTTAGCACCCC
M0007						
5	V\$GATA1_01	0.773939	7941	(+)	SNNGATNNNN	GGGGCTAGTT
M0007						
5	V\$GATA1_01	0.809477	7963	(-)	SNNGATNNNN	TAAAATCACA
M0007						
6	V\$GATA2_01	0.797023	7963	(-)	NNNGATRNNN	TAAAATCACA
M0007						
7	V\$GATA3_01	0.826761	7963	(-)	NNGATARNG	TAAAATCAC
M0007						
5	V\$GATA1_01	0.818361	7971	(+)	SNNGATNNNN	CAGGATCAGT
M0007						
5	V\$GATA1_01	0.833662	7971	(-)	SNNGATNNNN	CAGGATCAGT
M0007						
6	V\$GATA2_01	0.844835	7971	(+)	NNNGATRNNN	CAGGATCAGT
M0007						
6	V\$GATA2_01	0.818674	7971	(-)	NNNGATRNNN	CAGGATCAGT
M0007						
5	V\$GATA1_01	0.813919	7984	(+)	SNNGATNNNN	ACTGATTTTC
M0007						
6	V\$GATA2_01	0.790708	7984	(+)	NNNGATRNNN	ACTGATTTTC
M0012						
7	V\$GATA1_03	0.800833	7985	(-)	RNSNNGATAANNGN	CTGATTTTCTTTT
M0007						
5	V\$GATA1_01	0.898322	8011	(-)	SNNGATNNNN	AGGAATCTGG
M0007						
6	V\$GATA2_01	0.877312	8011	(-)	NNNGATRNNN	AGGAATCTGG
M0020						
3	V\$GATA_C	0.894066	8056	(-)	NGATAAGNMNN	ATTCATTATCC
M0012						
6	V\$GATA1_02	0.790938	8057	(-)	NNNNNGATANKGNN	TTCATTATCCCAAT
M0012						
7	V\$GATA1_03	0.830475	8057	(-)	RNSNNGATAANNGN	TTCATTATCCCAAT
M0012						
8	V\$GATA1_04	0.822304	8057	(-)	NNCWGATARNNNN	TTCATTATCCCAA

M0007						
5	V\$GATA1_01	0.836624	8059	(-)	SNNGATNNNN	CATTATCCCA
M0007						
6	V\$GATA2_01	0.915201	8059	(-)	NNNGATRNNN	CATTATCCCA
M0007						
7	V\$GATA3_01	0.905627	8059	(-)	NNGATARNG	CATTATCCC
M0012						
8	V\$GATA1_04	0.816176	8063	(-)	NNCWGATARNNNN	ATCCCAATCAGAA
M0007						
5	V\$GATA1_01	0.9077	8065	(-)	SNNGATNNNN	CCCAATCAGA
M0007						
6	V\$GATA2_01	0.882724	8065	(-)	NNNGATRNNN	CCCAATCAGA
M0007						
7	V\$GATA3_01	0.919805	8065	(-)	NNGATARNG	CCCAATCAG
M0020						
3	V\$GATA_C	0.883504	8107	(-)	NGATAAGNMNN	TTACATATCC
M0007						
5	V\$GATA1_01	0.827246	8110	(-)	SNNGATNNNN	ACATATCCTA
M0007						
6	V\$GATA2_01	0.915201	8110	(-)	NNNGATRNNN	ACATATCCTA
M0007						
5	V\$GATA1_01	0.84847	8125	(+)	SNNGATNNNN	TCTGATTGCA
M0007						
6	V\$GATA2_01	0.852503	8125	(+)	NNNGATRNNN	TCTGATTGCA
M0007						
7	V\$GATA3_01	0.848028	8126	(+)	NNGATARNG	CTGATTGCA
M0007						
6	V\$GATA2_01	0.813261	8154	(-)	NNNGATRNNN	CACTGTCTC
M0012						
7	V\$GATA1_03	0.784664	8174	(+)	RNSNNGATAANNGN	ACATGGATATCAAC
M0007						
6	V\$GATA2_01	0.783942	8176	(+)	NNNGATRNNN	ATGGATATCA
M0012						
7	V\$GATA1_03	0.817491	8176	(-)	RNSNNGATAANNGN	ATGGATATCAACCC
M0007						
5	V\$GATA1_01	0.845508	8178	(-)	SNNGATNNNN	GGATATCAAC
M0007						
6	V\$GATA2_01	0.831304	8178	(-)	NNNGATRNNN	GGATATCAAC
M0007						
5	V\$GATA1_01	0.772458	8186	(-)	SNNGATNNNN	ACCCAACAGA
M0007						
5	V\$GATA1_01	0.792201	8191	(+)	SNNGATNNNN	ACAGATGTAT
M0007						
6	V\$GATA2_01	0.801534	8191	(+)	NNNGATRNNN	ACAGATGTAT
M0020						
3	V\$GATA_C	0.849332	8208	(-)	NGATAAGNMNN	AATATTGTCA
M0020						
3	V\$GATA_C	0.864865	8244	(+)	NGATAAGNMNN	GGACAAGCAAT
M0007						
5	V\$GATA1_01	0.829714	8249	(-)	SNNGATNNNN	AGCAATCCTT
M0007						
6	V\$GATA2_01	0.867388	8249	(-)	NNNGATRNNN	AGCAATCCTT
M0012						
6	V\$GATA1_02	0.854688	8260	(-)	NNNNNGATANKGNN	CTGACTATCTGTGC
M0012						
7	V\$GATA1_03	0.873836	8260	(-)	RNSNNGATAANNGN	CTGACTATCTGTGC
M0012						
8	V\$GATA1_04	0.826593	8260	(-)	NNCWGATARNNNN	CTGACTATCTGTG
M0007						
5	V\$GATA1_01	0.863771	8262	(-)	SNNGATNNNN	GA CTATCTGT
M0007						
6	V\$GATA2_01	0.903022	8262	(-)	NNNGATRNNN	GA CTATCTGT
M0007						
7	V\$GATA3_01	0.889233	8262	(-)	NNGATARNG	GA CTATCTG
M0007						
5	V\$GATA1_01	0.88845	8312	(+)	SNNGATNNNN	CCAGATTTTG

M0007						
6	V\$GATA2_01	0.860171	8312	(+)	NNNGATRNNN	CCAGATTTTG
M0007						
7	V\$GATA3_01	0.862206	8313	(+)	NNGATARNG	CAGATTTTG
M0012						
6	V\$GATA1_02	0.80625	8316	(+)	NNNNNGATANKGNN	ATTTTGATAGAACT
M0012						
8	V\$GATA1_04	0.856924	8317	(+)	NNCWGATARNNNN	TTTTGATAGAACT
M0007						
5	V\$GATA1_01	0.775913	8318	(+)	SNNGATNNNN	TTTGATAGAA
M0007						
7	V\$GATA3_01	0.859105	8319	(+)	NNGATARNG	TTGATAGAA
M0020						
3	V\$GATA_C	0.890339	8320	(+)	NGATAAGNMNN	TGATAGAACTA
M0007						
5	V\$GATA1_01	0.828233	8328	(-)	SNNGATNNNN	CTAAATCTTG
M0007						
6	V\$GATA2_01	0.811908	8328	(-)	NNNGATRNNN	CTAAATCTTG
M0007						
7	V\$GATA3_01	0.848028	8328	(-)	NNGATARNG	CTAAATCTT
M0020						
3	V\$GATA_C	0.835353	8330	(-)	NGATAAGNMNN	AAATCTTGTC
M0012						
7	V\$GATA1_03	0.793974	8356	(-)	RNSNNGATAANNNGN	ATGGCTATGTTTCT
M0007						
6	V\$GATA2_01	0.806044	8358	(-)	NNNGATRNNN	GGCTATGTTT
M0007						
5	V\$GATA1_01	0.79615	8375	(+)	SNNGATNNNN	AATGATATCA
M0007						
6	V\$GATA2_01	0.839874	8375	(+)	NNNGATRNNN	AATGATATCA
M0012						
7	V\$GATA1_03	0.792504	8375	(-)	RNSNNGATAANNNGN	AATGATATCAACAT
M0007						
7	V\$GATA3_01	0.827204	8376	(+)	NNGATARNG	ATGATATCA
M0007						
5	V\$GATA1_01	0.824778	8377	(-)	SNNGATNNNN	TGATATCAAC
M0007						
6	V\$GATA2_01	0.805142	8377	(-)	NNNGATRNNN	TGATATCAAC
M0020						
3	V\$GATA_C	0.938801	8387	(-)	NGATAAGNMNN	ATGTTTTATCC
M0012						
7	V\$GATA1_03	0.814552	8388	(-)	RNSNNGATAANNNGN	TGTTTTATCCTGTG
M0012						
8	V\$GATA1_04	0.83701	8388	(-)	NNCWGATARNNNN	TGTTTTATCCTGT
M0007						
5	V\$GATA1_01	0.78233	8390	(-)	SNNGATNNNN	TTTTATCCTG
M0007						
6	V\$GATA2_01	0.833108	8390	(-)	NNNGATRNNN	TTTTATCCTG
M0007						
7	V\$GATA3_01	0.833407	8390	(-)	NNGATARNG	TTTTATCCT
M0007						
5	V\$GATA1_01	0.836624	8403	(-)	SNNGATNNNN	AGAAATCAAC
M0007						
5	V\$GATA1_01	0.816387	8422	(-)	SNNGATNNNN	GCTAATCAGA
M0007						
6	V\$GATA2_01	0.814614	8422	(-)	NNNGATRNNN	GCTAATCAGA
M0007						
7	V\$GATA3_01	0.824546	8422	(-)	NNGATARNG	GCTAATCAG
M0007						
6	V\$GATA2_01	0.812359	8435	(-)	NNNGATRNNN	TGGAATCCTT
M0012						
7	V\$GATA1_03	0.801813	8462	(+)	RNSNNGATAANNNGN	AAGGAGAAAAAGAG
M0007						
6	V\$GATA2_01	0.789806	8477	(+)	NNNGATRNNN	AGGCATAGGA
M0012						
7	V\$GATA1_03	0.795198	8552	(-)	RNSNNGATAANNNGN	TCAGTTATGTGGAG

M0007						
6	V\$GATA2_01	0.807848	8554	(-)	NNNGATRNNN	AGTTATGTGG
M0007						
5	V\$GATA1_01	0.811945	8595	(-)	SNNGATNNNN	TCACATCCAC
M0007						
6	V\$GATA2_01	0.789806	8595	(-)	NNNGATRNNN	TCACATCCAC
M0012						
6	V\$GATA1_02	0.804688	8637	(+)	NNNNNGATANKGNN	GCAGTGAGAAGGGA
M0007						
7	V\$GATA3_01	0.824103	8640	(+)	NNGATARNG	GTGAGAAGG
M0007						
5	V\$GATA1_01	0.82231	8686	(-)	SNNGATNNNN	ATTCATCTTG
M0007						
6	V\$GATA2_01	0.820027	8686	(-)	NNNGATRNNN	ATTCATCTTG
M0012						
7	V\$GATA1_03	0.794463	8746	(+)	RNSNNGATAANNGN	AGCAATATAGTCTC
M0012						
8	V\$GATA1_04	0.827819	8772	(-)	NNCWGATARNNNN	ATTCTTACCTGAA
M0007						
5	V\$GATA1_01	0.800099	8806	(-)	SNNGATNNNN	AACTAACATG
M0007						
6	V\$GATA2_01	0.783942	8809	(+)	NNNGATRNNN	TAACATGGCA
M0007						
6	V\$GATA2_01	0.780785	8814	(+)	NNNGATRNNN	TGGCATGTTT
M0012						
8	V\$GATA1_04	0.819853	8861	(+)	NNCWGATARNNNN	GTGAGATATATTT
M0007						
5	V\$GATA1_01	0.80849	8862	(+)	SNNGATNNNN	TGAGATATAT
M0007						
6	V\$GATA2_01	0.862427	8862	(+)	NNNGATRNNN	TGAGATATAT
M0007						
7	V\$GATA3_01	0.832078	8863	(+)	NNGATARNG	GAGATATAT
M0020						
3	V\$GATA_C	0.890339	8892	(-)	NGATAAGNMNN	TAGCATTATCC
M0012						
6	V\$GATA1_02	0.837812	8893	(-)	NNNNNGATANKGNN	AGCATTATCCAGGA
M0007						
5	V\$GATA1_01	0.832675	8895	(-)	SNNGATNNNN	CATTATCCAG
M0007						
6	V\$GATA2_01	0.834461	8895	(-)	NNNGATRNNN	CATTATCCAG
M0007						
7	V\$GATA3_01	0.863979	8895	(-)	NNGATARNG	CATTATCCA
M0007						
5	V\$GATA1_01	0.887957	8902	(+)	SNNGATNNNN	CAGGATATGT
M0007						
6	V\$GATA2_01	0.924222	8902	(+)	NNNGATRNNN	CAGGATATGT
M0007						
6	V\$GATA2_01	0.801985	8904	(-)	NNNGATRNNN	GGATATGTTA
M0020						
3	V\$GATA_C	0.844672	8904	(+)	NGATAAGNMNN	GGATATGTAA
M0012						
7	V\$GATA1_03	0.851298	8968	(+)	RNSNNGATAANNGN	AGGAAGATATGCCC
M0012						
8	V\$GATA1_04	0.871936	8969	(+)	NNCWGATARNNNN	GGAAGATATGCCC
M0007						
5	V\$GATA1_01	0.873149	8970	(+)	SNNGATNNNN	GAAGATATGC
M0007						
6	V\$GATA2_01	0.911592	8970	(+)	NNNGATRNNN	GAAGATATGC
M0007						
7	V\$GATA3_01	0.85556	8971	(+)	NNGATARNG	AAGATATGC
M0007						
6	V\$GATA2_01	0.84258	8972	(-)	NNNGATRNNN	AGATATGCCC
M0020						
3	V\$GATA_C	0.911463	8972	(+)	NGATAAGNMNN	AGATATGCCCT
M0012						
6	V\$GATA1_02	0.8625	8986	(-)	NNNNNGATANKGNN	AACGCTATCTGGTA

M0012						
8	V\$GATA1_04	0.898284	8986	(-)	NNCWGATARNNNN	AACGCTATCTGGT
M0007						
5	V\$GATA1_01	0.959033	8988	(-)	SNNGATNNNN	CGCTATCTGG
M0007						
6	V\$GATA2_01	0.980153	8988	(-)	NNNGATRNNN	CGCTATCTGG
M0007						
7	V\$GATA3_01	0.940186	8988	(-)	NNGATARNG	CGCTATCTG
M0020						
3	V\$GATA_C	0.885679	9011	(-)	NGATAAGNMNN	AAAGTTTATCA
M0012						
7	V\$GATA1_03	0.784174	9025	(+)	RNSNNGATAANNGN	GCAAAGGTAACAAG
M0012						
7	V\$GATA1_03	0.800343	9038	(+)	RNSNNGATAANNGN	GGAATGAGAAGAAC
M0012						
6	V\$GATA1_02	0.812813	9055	(+)	NNNNNGATANKGNN	GCACTGATAAATTA
M0012						
7	V\$GATA1_03	0.805243	9055	(+)	RNSNNGATAANNGN	GCACTGATAAATTA
M0007						
5	V\$GATA1_01	0.794669	9057	(+)	SNNGATNNNN	ACTGATAAAT
M0007						
6	V\$GATA2_01	0.803789	9057	(+)	NNNGATRNNN	ACTGATAAAT
M0020						
3	V\$GATA_C	0.888475	9059	(+)	NGATAAGNMNN	TGATAAATTAC
M0007						
5	V\$GATA1_01	0.844028	9122	(+)	SNNGATNNNN	CTAGATGTTT
M0007						
6	V\$GATA2_01	0.793415	9122	(+)	NNNGATRNNN	CTAGATGTTT
M0012						
7	V\$GATA1_03	0.781725	9130	(-)	RNSNNGATAANNGN	TTACTGATCCCCTC
M0007						
5	V\$GATA1_01	0.807502	9132	(+)	SNNGATNNNN	ACTGATCCCC
M0007						
5	V\$GATA1_01	0.842547	9132	(-)	SNNGATNNNN	ACTGATCCCC
M0007						
6	V\$GATA2_01	0.820929	9132	(+)	NNNGATRNNN	ACTGATCCCC
M0007						
6	V\$GATA2_01	0.858367	9132	(-)	NNNGATRNNN	ACTGATCCCC
M0007						
7	V\$GATA3_01	0.830306	9168	(-)	NNGATARNG	TTAAATCTC
M0007						
6	V\$GATA2_01	0.782589	9227	(-)	NNNGATRNNN	TTAGATCCGA
M0012						
7	V\$GATA1_03	0.811857	9301	(-)	RNSNNGATAANNGN	CCTTTTAGCAGCAC
M0007						
5	V\$GATA1_01	0.784798	9317	(+)	SNNGATNNNN	GGTGTTAGAT
M0012						
6	V\$GATA1_02	0.815625	9319	(+)	NNNNNGATANKGNN	TGTTAGATAGTTTA
M0007						
5	V\$GATA1_01	0.830207	9321	(+)	SNNGATNNNN	TTAGATAGTT
M0007						
6	V\$GATA2_01	0.849346	9321	(+)	NNNGATRNNN	TTAGATAGTT
M0007						
7	V\$GATA3_01	0.870625	9322	(+)	NNGATARNG	TAGATAGTT
M0012						
6	V\$GATA1_02	0.844063	9449	(-)	NNNNNGATANKGNN	GCTAGTATCAGAAA
M0012						
8	V\$GATA1_04	0.829963	9449	(-)	NNCWGATARNNNN	GCTAGTATCAGAA
M0007						
5	V\$GATA1_01	0.846496	9451	(-)	SNNGATNNNN	TAGTATCAGA
M0007						
6	V\$GATA2_01	0.872801	9451	(-)	NNNGATRNNN	TAGTATCAGA
M0007						
5	V\$GATA1_01	0.831194	9463	(+)	SNNGATNNNN	CATGATCACT
M0007						
5	V\$GATA1_01	0.802073	9463	(-)	SNNGATNNNN	CATGATCACT

M0007						
6	V\$GATA2_01	0.831755	9463	(+)	NNNGATRNNN	CATGATCACT
M0007						
6	V\$GATA2_01	0.792512	9463	(-)	NNNGATRNNN	CATGATCACT
M0007						
7	V\$GATA3_01	0.835623	9482	(-)	NNGATARNG	CTTCATCTA
M0007						
5	V\$GATA1_01	0.801579	9495	(+)	SNNGATNNNN	TCTGATTTC
M0007						
6	V\$GATA2_01	0.815968	9495	(+)	NNNGATRNNN	TCTGATTTC
M0007						
5	V\$GATA1_01	0.772458	9516	(-)	SNNGATNNNN	TTAAATCCTC
M0007						
6	V\$GATA2_01	0.788904	9516	(-)	NNNGATRNNN	TTAAATCCTC
M0007						
5	V\$GATA1_01	0.857354	9540	(-)	SNNGATNNNN	AGTCATCTTC
M0007						
6	V\$GATA2_01	0.884529	9540	(-)	NNNGATRNNN	AGTCATCTTC
M0007						
6	V\$GATA2_01	0.783942	9578	(+)	NNNGATRNNN	CACCATAAGT
M0012						
6	V\$GATA1_02	0.79625	9596	(-)	NNNNNGATANKGNN	CTGAATATCATTA
M0012						
8	V\$GATA1_04	0.816176	9596	(-)	NNCWGATARNNNN	CTGAATATCATTA
M0007						
5	V\$GATA1_01	0.816881	9598	(-)	SNNGATNNNN	GAATATCATT
M0007						
6	V\$GATA2_01	0.847091	9598	(-)	NNNGATRNNN	GAATATCATT
M0012						
8	V\$GATA1_04	0.870711	9605	(-)	NNCWGATARNNNN	ATTAATATCTGAC
M0007						
5	V\$GATA1_01	0.804541	9607	(-)	SNNGATNNNN	TAATATCTGA
M0007						
6	V\$GATA2_01	0.872801	9607	(-)	NNNGATRNNN	TAATATCTGA
M0007						
7	V\$GATA3_01	0.860877	9607	(-)	NNGATARNG	TAATATCTG
M0007						
7	V\$GATA3_01	0.82942	9686	(+)	NNGATARNG	TAGATTAGT
M0020						
3	V\$GATA_C	0.845294	9687	(+)	NGATAAGNMNN	AGATTAGTCCA
M0007						
6	V\$GATA2_01	0.78304	9727	(+)	NNNGATRNNN	TGAGATTAAT
M0007						
7	V\$GATA3_01	0.830306	9728	(+)	NNGATARNG	GAGATTAAT
M0012						
7	V\$GATA1_03	0.793974	9742	(-)	RNSNNGATAANNNGN	CTCATTCTCTACTC
M0020						
3	V\$GATA_C	0.833178	9759	(+)	NGATAAGNMNN	AGAAAAGGCAC
M0007						
5	V\$GATA1_01	0.770977	9767	(+)	SNNGATNNNN	CACGTTAGGA
M0007						
5	V\$GATA1_01	0.7769	9772	(+)	SNNGATNNNN	TAGGATTCTA
M0007						
6	V\$GATA2_01	0.825891	9772	(+)	NNNGATRNNN	TAGGATTCTA
M0007						
5	V\$GATA1_01	0.843534	9802	(+)	SNNGATNNNN	TGGGATTGGA
M0007						
6	V\$GATA2_01	0.865584	9802	(+)	NNNGATRNNN	TGGGATTGGA
M0007						
7	V\$GATA3_01	0.886132	9803	(+)	NNGATARNG	GGGATTGGA
M0012						
6	V\$GATA1_02	0.773125	9815	(-)	NNNNNGATANKGNN	CATGGTATCTAAGC
M0007						
6	V\$GATA2_01	0.813261	9817	(-)	NNNGATRNNN	TGGTATCTAA
M0007						
5	V\$GATA1_01	0.77542	9964	(+)	SNNGATNNNN	GGGGTTTGCT

M0007						
5	V\$GATA1_01	0.806515	10011	(+)	SNNGATNNNN	CTTGATCATG
M0007						
5	V\$GATA1_01	0.80306	10011	(-)	SNNGATNNNN	CTTGATCATG
M0007						
6	V\$GATA2_01	0.785747	10011	(-)	NNNGATRNNN	CTTGATCATG
M0007						
6	V\$GATA2_01	0.788002	10041	(-)	NNNGATRNNN	CCATATGCTT
M0020						
3	V\$GATA_C	0.87698	10103	(-)	NGATAAGNMNN	GTGCTGTATCA
M0012						
6	V\$GATA1_02	0.823437	10104	(-)	NNNNNGATANKGNN	TGCTGTATCACATC
M0012						
8	V\$GATA1_04	0.826287	10104	(-)	NNCWGATARNNNN	TGCTGTATCACAT
M0007						
5	V\$GATA1_01	0.861797	10106	(-)	SNNGATNNNN	CTGTATCACA
M0007						
6	V\$GATA2_01	0.875507	10106	(-)	NNNGATRNNN	CTGTATCACA
M0007						
7	V\$GATA3_01	0.856447	10106	(-)	NNGATARNG	CTGTATCAC
M0020						
3	V\$GATA_C	0.841876	10121	(-)	NGATAAGNMNN	AATTACTATCC
M0012						
6	V\$GATA1_02	0.799375	10122	(-)	NNNNNGATANKGNN	ATTACTATCCAGAG
M0012						
7	V\$GATA1_03	0.841009	10122	(-)	RNSNNGATAANNGN	ATTACTATCCAGAG
M0007						
5	V\$GATA1_01	0.850938	10124	(-)	SNNGATNNNN	TACTATCCAG
M0007						
6	V\$GATA2_01	0.843031	10124	(-)	NNNGATRNNN	TACTATCCAG
M0007						
7	V\$GATA3_01	0.857333	10124	(-)	NNGATARNG	TACTATCCA
M0007						
5	V\$GATA1_01	0.775913	10158	(-)	SNNGATNNNN	CTACATCAAA
M0007						
5	V\$GATA1_01	0.824284	10163	(-)	SNNGATNNNN	TCAAATCCTC
M0007						
6	V\$GATA2_01	0.835363	10163	(-)	NNNGATRNNN	TCAAATCCTC
M0007						
5	V\$GATA1_01	0.846989	10183	(+)	SNNGATNNNN	CCAGATGATA
M0007						
6	V\$GATA2_01	0.838521	10183	(+)	NNNGATRNNN	CCAGATGATA
M0007						
7	V\$GATA3_01	0.839167	10184	(+)	NNGATARNG	CAGATGATA
M0007						
5	V\$GATA1_01	0.856861	10186	(+)	SNNGATNNNN	GATGATATAT
M0007						
6	V\$GATA2_01	0.857465	10186	(+)	NNNGATRNNN	GATGATATAT
M0020						
3	V\$GATA_C	0.899658	10204	(-)	NGATAAGNMNN	GGAATTTATCC
M0012						
7	V\$GATA1_03	0.83758	10205	(-)	RNSNNGATAANNGN	GAATTTATCCTGTC
M0012						
8	V\$GATA1_04	0.812194	10205	(-)	NNCWGATARNNNN	GAATTTATCCTGT
M0007						
5	V\$GATA1_01	0.817868	10207	(-)	SNNGATNNNN	ATTIATCCTG
M0007						
6	V\$GATA2_01	0.862878	10207	(-)	NNNGATRNNN	ATTIATCCTG
M0012						
6	V\$GATA1_02	0.771875	10215	(-)	NNNNNGATANKGNN	TGTCCTGTCTTTAT
M0012						
7	V\$GATA1_03	0.811122	10221	(-)	RNSNNGATAANNGN	GTCTTTATTTCCC
M0007						
5	V\$GATA1_01	0.897828	10245	(+)	SNNGATNNNN	CTGGATGGCG
M0007						
6	V\$GATA2_01	0.87641	10245	(+)	NNNGATRNNN	CTGGATGGCG

M0007						
7	V\$GATA3_01	0.822774	10246	(+)	NNGATARNG	TGGATGGCG
M0012						
6	V\$GATA1_02	0.842187	10282	(+)	NNNNNGATANKGNN	GCACAGATATGCCA
M0012						
8	V\$GATA1_04	0.812194	10283	(+)	NNCWGATARNNNN	CACAGATATGCCA
M0007						
5	V\$GATA1_01	0.82922	10284	(+)	SNNGATNNNN	ACAGATATGC
M0007						
6	V\$GATA2_01	0.872801	10284	(+)	NNNGATRNNN	ACAGATATGC
M0007						
7	V\$GATA3_01	0.849801	10285	(+)	NNGATARNG	CAGATATGC
M0007						
6	V\$GATA2_01	0.828146	10286	(-)	NNNGATRNNN	AGATATGCCA
M0020						
3	V\$GATA_C	0.891581	10286	(+)	NGATAAGNMNN	AGATATGCCAA
M0007						
5	V\$GATA1_01	0.919052	10335	(-)	SNNGATNNNN	AAGAATCAGG
M0007						
6	V\$GATA2_01	0.847091	10335	(-)	NNNGATRNNN	AAGAATCAGG
M0020						
3	V\$GATA_C	0.831625	10363	(-)	NGATAAGNMNN	TGCTTTTGTC
M0007						
5	V\$GATA1_01	0.858342	10387	(-)	SNNGATNNNN	AAGAATCAGA
M0007						
6	V\$GATA2_01	0.838069	10387	(-)	NNNGATRNNN	AAGAATCAGA
M0007						
5	V\$GATA1_01	0.778875	10399	(+)	SNNGATNNNN	GTTGATTAAT
M0020						
3	V\$GATA_C	0.912706	10405	(-)	NGATAAGNMNN	TAATCTTATCC
M0012						
6	V\$GATA1_02	0.825625	10406	(-)	NNNNNGATANKGNN	AATCTTATCCCGGA
M0007						
5	V\$GATA1_01	0.862784	10408	(-)	SNNGATNNNN	TCTTATCCCG
M0007						
6	V\$GATA2_01	0.887686	10408	(-)	NNNGATRNNN	TCTTATCCCG
M0007						
7	V\$GATA3_01	0.891449	10408	(-)	NNGATARNG	TCTTATCCC
M0020						
3	V\$GATA_C	0.845604	10425	(-)	NGATAAGNMNN	TGTCCTTATGT
M0012						
7	V\$GATA1_03	0.797893	10449	(-)	RNSNNGATAANNNGN	ATAGTTATTCTCAC
M0007						
5	V\$GATA1_01	0.852419	10459	(-)	SNNGATNNNN	TCACATCCTG
M0007						
6	V\$GATA2_01	0.866035	10459	(-)	NNNGATRNNN	TCACATCCTG
M0007						
5	V\$GATA1_01	0.777394	10468	(+)	SNNGATNNNN	GGTGTTATTT
M0007						
5	V\$GATA1_01	0.898815	10491	(-)	SNNGATNNNN	AGCAATCTTC
M0007						
6	V\$GATA2_01	0.899865	10491	(-)	NNNGATRNNN	AGCAATCTTC
M0007						
7	V\$GATA3_01	0.84537	10491	(-)	NNGATARNG	AGCAATCTT
M0012						
6	V\$GATA1_02	0.789062	10504	(-)	NNNNNGATANKGNN	TCAGTTATCCCTTC
M0012						
7	V\$GATA1_03	0.882411	10504	(-)	RNSNNGATAANNNGN	TCAGTTATCCCTTC
M0012						
8	V\$GATA1_04	0.820159	10504	(-)	NNCWGATARNNNN	TCAGTTATCCCTT
M0007						
5	V\$GATA1_01	0.816881	10506	(-)	SNNGATNNNN	AGTTATCCCT
M0007						
6	V\$GATA2_01	0.888588	10506	(-)	NNNGATRNNN	AGTTATCCCT
M0007						
7	V\$GATA3_01	0.822774	10506	(-)	NNGATARNG	AGTTATCCC

M0012						
8	V\$GATA1_04	0.82598	10512	(-)	NNCWGATARNNNN	CCCTTCATCTGGT
M0007						
5	V\$GATA1_01	0.854393	10514	(-)	SNNGATNNNN	CTTCATCTGG
M0007						
6	V\$GATA2_01	0.841227	10514	(-)	NNNGATRNNN	CTTCATCTGG
M0007						
7	V\$GATA3_01	0.854231	10514	(-)	NNGATARNG	CTTCATCTG
M0012						
7	V\$GATA1_03	0.804018	10559	(-)	RNSNNGATAANNGN	TCTCCTAACCCAC
M0007						
5	V\$GATA1_01	0.775913	10561	(-)	SNNGATNNNN	TCCTAACCCC
M0007						
6	V\$GATA2_01	0.784844	10561	(-)	NNNGATRNNN	TCCTAACCCC
M0007						
5	V\$GATA1_01	0.773939	10568	(-)	SNNGATNNNN	CCCACTCCCC
M0012						
6	V\$GATA1_02	0.789375	10575	(-)	NNNNNGATANKGNN	CCCAGTCTCTGTAA
M0007						
6	V\$GATA2_01	0.794317	10599	(-)	NNNGATRNNN	GCCCATGAGA
M0007						
5	V\$GATA1_01	0.771471	10632	(-)	SNNGATNNNN	TTTCATCAAG
M0007						
6	V\$GATA2_01	0.820929	10653	(-)	NNNGATRNNN	AACTATGATG
M0007						
5	V\$GATA1_01	0.804541	10656	(+)	SNNGATNNNN	TATGATGTCA
M0007						
6	V\$GATA2_01	0.843933	10656	(+)	NNNGATRNNN	TATGATGTCA
M0007						
5	V\$GATA1_01	0.863771	10680	(+)	SNNGATNNNN	ACTGATGGTA
M0007						
6	V\$GATA2_01	0.837167	10680	(+)	NNNGATRNNN	ACTGATGGTA
M0007						
7	V\$GATA3_01	0.844041	10681	(+)	NNGATARNG	CTGATGGTA
M0020						
3	V\$GATA_C	0.835974	10701	(-)	NGATAAGNMNN	AAAATGTATCA
M0012						
6	V\$GATA1_02	0.809063	10702	(-)	NNNNNGATANKGNN	AAATGTATCAATTA
M0007						
5	V\$GATA1_01	0.777394	10704	(-)	SNNGATNNNN	ATGTATCAAT
M0007						
5	V\$GATA1_01	0.773939	10741	(+)	SNNGATNNNN	TTTGATCCTT
M0012						
7	V\$GATA1_03	0.808427	10895	(+)	RNSNNGATAANNGN	AGGAAGAGAGAAGT
M0020						
3	V\$GATA_C	0.832867	10901	(+)	NGATAAGNMNN	AGAGAAGTCAA
M0007						
5	V\$GATA1_01	0.773939	10910	(+)	SNNGATNNNN	AATGATGAAT
M0012						
6	V\$GATA1_02	0.800312	10991	(-)	NNNNNGATANKGNN	AAATATATCTGTAC
M0012						
8	V\$GATA1_04	0.835478	10991	(-)	NNCWGATARNNNN	AAATATATCTGTA
M0007						
5	V\$GATA1_01	0.792201	10993	(-)	SNNGATNNNN	ATATATCTGT
M0007						
6	V\$GATA2_01	0.82995	10993	(-)	NNNGATRNNN	ATATATCTGT
M0007						
5	V\$GATA1_01	0.773939	11014	(-)	SNNGATNNNN	ATTTCATCATT
M0020						
3	V\$GATA_C	0.830693	11021	(-)	NGATAAGNMNN	ATTCTGATCT
M0012						
6	V\$GATA1_02	0.783438	11060	(-)	NNNNNGATANKGNN	TACCTTAGCTGTGA
M0007						
5	V\$GATA1_01	0.866732	11069	(+)	SNNGATNNNN	TGTGATGCGA
M0007						
6	V\$GATA2_01	0.850699	11069	(+)	NNNGATRNNN	TGTGATGCGA

M0007						
5	V\$GATA1_01	0.786278	11129	(-)	SNNGATNNNN	TGTCATCATA
M0007						
6	V\$GATA2_01	0.829048	11129	(-)	NNNGATRNNN	TGTCATCATA
M0007						
6	V\$GATA2_01	0.784393	11132	(+)	NNNGATRNNN	CATCATATTT
M0007						
5	V\$GATA1_01	0.8154	11146	(+)	SNNGATNNNN	GTTGATCCCC
M0007						
5	V\$GATA1_01	0.775913	11146	(-)	SNNGATNNNN	GTTGATCCCC
M0007						
6	V\$GATA2_01	0.8083	11146	(-)	NNNGATRNNN	GTTGATCCCC
M0007						
5	V\$GATA1_01	0.823791	11155	(+)	SNNGATNNNN	CAGGATTAG
M0007						
6	V\$GATA2_01	0.826342	11155	(+)	NNNGATRNNN	CAGGATTAG
M0012						
7	V\$GATA1_03	0.794708	11201	(-)	RNSNNGATAANNGN	TCTGTTATTCAGAC
M0016						
2	V\$OCT1_06	0.800781	32	(+)	CWNAWTKWSATRYN	CAGTCTGGGTTCA
M0013						
5	V\$OCT1_01	0.805227	50	(-)	NNNNWTATGCAAATNTNNN	ATTATGTTTACATATGGCA
M0013						
7	V\$OCT1_03	0.86132	51	(-)	NNNRTAATNANNN	TTATGTTTACATA
M0016						
2	V\$OCT1_06	0.806641	52	(+)	CWNAWTKWSATRYN	TATGTTTACATATG
M0013					NNNNNNNWATGCAAATNNNW	GTTTACATATGG-
8	V\$OCT1_04	0.826014	55	(+)	NNW	CAAAATTATGA
M0013						
5	V\$OCT1_01	0.752957	57	(+)	NNNNWTATGCAAATNTNNN	TTACATATGGCAAAATTAT
M0016						
2	V\$OCT1_06	0.842187	60	(-)	CWNAWTKWSATRYN	CATATGGCAAAATT
M0013						
7	V\$OCT1_03	0.849862	66	(-)	NNNRTAATNANNN	GCAAAATTATGAT
M0013					NNNNNNNWATGCAAATNNNW	GCAAAATTATGATGAT-
8	V\$OCT1_04	0.819113	66	(+)	NNW	TTCACTT
M0013						
5	V\$OCT1_01	0.768218	68	(+)	NNNNWTATGCAAATNTNNN	AAAATTATGATGATTTTAC
M0024						
8	V\$OCT1_07	0.799449	71	(+)	TNTATGNTAATT	ATTATGATGATT
M0013					NNNNNNNWATGCAAATNNNW	ACTCCTCATTTA-
8	V\$OCT1_04	0.785864	107	(-)	NNW	TATGCATTTGT
M0013					NNNNNNNWATGCAAATNNNW	CTCATTTATATGCATTT-
8	V\$OCT1_04	0.83166	111	(-)	NNW	GTAAC
M0016						
2	V\$OCT1_06	0.894531	111	(+)	CWNAWTKWSATRYN	CTCATTTATATGCA
M0019						
5	V\$OCT1_Q6	0.854531	111	(-)	NNNNATGCAAATNAN	CTCATTTATATGCAT
M0013					NNNNNNNWATGCAAATNNNW	TCATTTATATGCATTT-
8	V\$OCT1_04	0.80092	112	(+)	NNW	GTAAC
M0013						
5	V\$OCT1_01	0.760969	113	(-)	NNNNWTATGCAAATNTNNN	CATTTATATGCATTTGTAA
M0013						
5	V\$OCT1_01	0.744945	114	(+)	NNNNWTATGCAAATNTNNN	ATTTATATGCATTTGTAAC
M0013						
6	V\$OCT1_02	0.865728	114	(+)	NNGAATATKCANNNN	ATTTATATGCATTTG
M0013						
6	V\$OCT1_02	0.785057	117	(-)	NNGAATATKCANNNN	TATATGCATTTGTAA
M0013						
5	V\$OCT1_01	0.730065	120	(+)	NNNNWTATGCAAATNTNNN	ATGCATTTGTAAC
M0013					NNNNNNNWATGCAAATNNNW	TTGTAAC
8	V\$OCT1_04	0.804475	126	(+)	NNW	TTTCAAA-
M0016						TATTGATA
2	V\$OCT1_06	0.821094	130	(-)	CWNAWTKWSATRYN	AACTTTTCAAATAT
M0013						
6	V\$OCT1_02	0.801299	133	(-)	NNGAATATKCANNNN	TTTTCAAATATTGAT

M0013					NNNNNNNWATGCAAATNNNW	AGCTTAAAAATGCATTT-GCAAAT
8	V\$OCT1_04	0.797783	162	(-)	NNW	
M0013						
6	V\$OCT1_02	0.810504	165	(+)	NNGAATATKCANNNN	TTAAAAATGCATTTG
M0013						
6	V\$OCT1_02	0.835679	168	(-)	NNGAATATKCANNNN	AAAATGCATTTGCAA
M0013					NNNNNNNWATGCAAATNNNW	AAATGCATTTGCAAATGTT-GATA
8	V\$OCT1_04	0.828733	169	(+)	NNW	
M0013						
5	V\$OCT1_01	0.814765	170	(-)	NNNNWTATGCAAATNTNNN	AATGCATTTGCAAATGTTG
M0013						
5	V\$OCT1_01	0.862457	171	(+)	NNNNWTATGCAAATNTNNN	ATGCATTTGCAAATGTTGA
M0013						
6	V\$OCT1_02	0.799675	171	(+)	NNGAATATKCANNNN	ATGCATTTGCAAATG
M0019						
5	V\$OCT1_Q6	0.80595	172	(-)	NNNNATGCAAATNAN	TGCATTTGCAAATGT
M0016						
2	V\$OCT1_06	0.821484	174	(-)	CWNAWTKWSATRYN	CATTTGCAAATGTT
M0013					NNNNNNNWATGCAAATNNNW	ATTTGCAAATGTTGATACTA-TCT
8	V\$OCT1_04	0.801757	175	(+)	NNW	
M0016						
2	V\$OCT1_06	0.878516	180	(+)	CWNAWTKWSATRYN	CAAATGTTGATACT
M0013						
6	V\$OCT1_02	0.795885	209	(-)	NNGAATATKCANNNN	TAGGTGAAAAATCAT
M0013						
6	V\$OCT1_02	0.780184	212	(+)	NNGAATATKCANNNN	GTGAAAAATCATATA
M0016						
2	V\$OCT1_06	0.821484	216	(-)	CWNAWTKWSATRYN	AAAATCATATAGTT
M0013					NNNNNNNWATGCAAATNNNW	TAGTTTTATAAACATCAAA-TAAT
8	V\$OCT1_04	0.817859	225	(-)	NNW	
M0016						
2	V\$OCT1_06	0.932031	235	(-)	CWNAWTKWSATRYN	AACATCAAATAATT
M0016						
2	V\$OCT1_06	0.834375	245	(+)	CWNAWTKWSATRYN	AATTTTTTGATGAC
M0013						
7	V\$OCT1_03	0.849862	259	(+)	NNNRTAATNANNN	TTGGTAACTAAAT
M0016						
2	V\$OCT1_06	0.821484	261	(+)	CWNAWTKWSATRYN	GGTAACTAAATTCT
M0016						
2	V\$OCT1_06	0.826562	261	(-)	CWNAWTKWSATRYN	GGTAACTAAATTCT
M0016						
2	V\$OCT1_06	0.808203	268	(-)	CWNAWTKWSATRYN	AAATTCTCATAGAT
M0024						
8	V\$OCT1_07	0.829341	269	(-)	TNTATGNTAATT	AATTCTCATAGA
M0013					NNNNNNNWATGCAAATNNNW	TCTCATA-
8	V\$OCT1_04	0.800711	272	(+)	NNW	GATGAAAAAGTAGATA
M0016						
2	V\$OCT1_06	0.867969	283	(+)	CWNAWTKWSATRYN	AAAAAGTAGATACA
M0013					NNNNNNNWATGCAAATNNNW	AAAAGTAGATA-
8	V\$OCT1_04	0.792974	284	(+)	NNW	CATAATTTCAGT
M0016						
2	V\$OCT1_06	0.804297	295	(+)	CWNAWTKWSATRYN	CATAATTTTCAGTAA
M0024						
8	V\$OCT1_07	0.810473	298	(-)	TNTATGNTAATT	AATTTTCAGTAAA
M0013						
7	V\$OCT1_03	0.850257	302	(+)	NNNRTAATNANNN	TCAGTAAAGACTT
M0013					NNNNNNNWATGCAAATNNNW	TGAAGTAAAGTT-
8	V\$OCT1_04	0.804266	319	(-)	NNW	GAATTATCTTTG
M0013						
6	V\$OCT1_02	0.83595	325	(-)	NNGAATATKCANNNN	AAGTTGAATTATCTT
M0013					NNNNNNNWATGCAAATNNNW	TCAATTCTATGGAAAGTT-GTTAT
8	V\$OCT1_04	0.790882	343	(+)	NNW	
M0013						
5	V\$OCT1_01	0.741511	345	(+)	NNNNWTATGCAAATNTNNN	AATTCTATGGAAAGTTGTT
M0016						
2	V\$OCT1_06	0.804297	348	(-)	CWNAWTKWSATRYN	TCTATGGAAAGTTG

M0024						
8	V\$OCT1_07	0.874073	348	(+)	TNTATGNTAATT	TCTATGGAAAAGT
M0013					NNNNNNNNWATGCAAATNNNW	AAAGTTGTTATGCAGAA-
8	V\$OCT1_04	0.804684	355	(-)	NNW	TAATTT
M0013						
7	V\$OCT1_03	0.845516	356	(-)	NNNRTAATNANNN	AAGTTGTTATGCA
M0013					NNNNNNNNWATGCAAATNNNW	AAGTTGTTATGCAGAA-
8	V\$OCT1_04	0.86261	356	(+)	NNW	TAATTTA
M0013						
5	V\$OCT1_01	0.731591	358	(+)	NNNNWTATGCAAATNTNNN	GTTGTTATGCAGAATAATT
M0013						
6	V\$OCT1_02	0.801029	358	(+)	NNGAATATKCANNNN	GTTGTTATGCAGAAT
M0013					NNNNNNNNWATGCAAATNNNW	GCAGAA-
8	V\$OCT1_04	0.819113	366	(+)	NNW	TAATTTATAATCTTTTT
M0013					NNNNNNNNWATGCAAATNNNW	AGAA-
8	V\$OCT1_04	0.798202	368	(-)	NNW	TAATTTATAATCTTTTTAA
M0019						
5	V\$OCT1_Q6	0.801583	371	(-)	NNNNATGCAAATNAN	ATAATTTATAATCTT
M0013						
7	V\$OCT1_03	0.868827	375	(+)	NNNRTAATNANNN	TTTATAATCTTTT
M0016						
2	V\$OCT1_06	0.816016	388	(-)	CWNAWKWSATRYN	TAAGTGTCATGGAT
M0016						
2	V\$OCT1_06	0.834375	405	(-)	CWNAWKWSATRYN	AGCATTTCTGGTAG
M0013						
6	V\$OCT1_02	0.814293	413	(-)	NNGAATATKCANNNN	TGGTAGAATATTCA
M0016						
2	V\$OCT1_06	0.877734	419	(-)	CWNAWKWSATRYN	AATATTTCAAGGCC
M0013					NNNNNNNNWATGCAAATNNNW	CTTTTTCCATGCATAAGTTTA
8	V\$OCT1_04	0.788373	434	(-)	NNW	A
M0016						
2	V\$OCT1_06	0.88125	434	(+)	CWNAWKWSATRYN	CTTTTTCCATGCA
M0019						
5	V\$OCT1_Q6	0.805677	434	(-)	NNNNATGCAAATNAN	CTTTTTCCATGCAT
M0013					NNNNNNNNWATGCAAATNNNW	TTTTTCCATGCATAAGTTTAA
8	V\$OCT1_04	0.814722	435	(+)	NNW	T
M0013						
6	V\$OCT1_02	0.810233	440	(-)	NNGAATATKCANNNN	TCCATGCATAAGTTT
M0013					NNNNNNNNWATGCAAATNNNW	ATAAGTTTAATTAAATTAATT
8	V\$OCT1_04	0.80343	447	(+)	NNW	CT
M0024						
8	V\$OCT1_07	0.807717	452	(+)	TNTATGNTAATT	TTTAATTAAATT
M0016						
2	V\$OCT1_06	0.839844	453	(-)	CWNAWKWSATRYN	TTAATTAAATTAAT
M0024						
8	V\$OCT1_07	0.812381	455	(-)	TNTATGNTAATT	AATTAAATTAAT
M0016						
2	V\$OCT1_06	0.826562	456	(+)	CWNAWKWSATRYN	ATTAAATTAATTCT
M0016						
2	V\$OCT1_06	0.898437	476	(-)	CWNAWKWSATRYN	GATATGTCAAAGAT
M0016						
2	V\$OCT1_06	0.831641	478	(-)	CWNAWKWSATRYN	TATGTCAAAGATAG
M0013					NNNNNNNNWATGCAAATNNNW	TCAAAGATAGACAAATAGA-
8	V\$OCT1_04	0.809285	482	(+)	NNW	TATA
M0016						
2	V\$OCT1_06	0.855078	491	(+)	CWNAWKWSATRYN	GACAAATAGATATA
M0013						
5	V\$OCT1_01	0.741129	510	(+)	NNNNWTATGCAAATNTNNN	CTACTTTTGTAAGATGGT
M0013						
7	V\$OCT1_03	0.878309	515	(+)	NNNRTAATNANNN	TTGTAAAGATGG
M0013					NNNNNNNNWATGCAAATNNNW	TTGTAAAGATGGTTATAGTT-
8	V\$OCT1_04	0.797156	516	(+)	NNW	GGA
M0013					NNNNNNNNWATGCAAATNNNW	TGGTTATAGTTGGA-
8	V\$OCT1_04	0.786073	525	(-)	NNW	TATTCAGAA
M0013						
5	V\$OCT1_01	0.784052	527	(-)	NNNNWTATGCAAATNTNNN	GTTATAGTTGGATATTCAG

M0016	2	V\$OCT1_06	0.804297	529	(+)	CWNAWTKWSATRYN	TATAGTTGGATATT
M0013	6	V\$OCT1_02	0.888468	531	(-)	NNGAATATKCANNNN	TAGTTGGATATTCAG
M0013	8	V\$OCT1_04	0.798202	531	(-)	NNNNNNNNWATGCAAATNNNW	TAGTTGGA-
M0013	6	V\$OCT1_02	0.858148	534	(+)	NNNNNNNNWATGCAAATNNNW	TATTCAGAAGGATGC
M0013	8	V\$OCT1_04	0.803011	542	(+)	NNW	TTGGATATTCAGAAG
M0013	5	V\$OCT1_01	0.747997	544	(+)	NNNNNNNNWATGCAAATNNNW	TCAGAAGGATGCAAGTGGA-
M0016	2	V\$OCT1_06	0.803125	564	(+)	NNW	TAAA
M0016	2	V\$OCT1_06	0.839453	565	(-)	NNNNWTATGCAAATNTNNN	AGAAGGATGCAAGTGGATA
M0016	2	V\$OCT1_06	0.813672	569	(+)	CWNAWTKWSATRYN	AAGTAGTAAATTTA
M0013	8	V\$OCT1_04	0.7844	571	(-)	CWNAWTKWSATRYN	AGTAGTAAATTTAT
M0013	8	V\$OCT1_04	0.783982	579	(-)	CWNAWTKWSATRYN	GTAAATTTATTTTG
M0013	8	V\$OCT1_04	0.7867	580	(+)	NNNNNNNNWATGCAAATNNNW	AAATTTATTTT-
M0016	2	V\$OCT1_06	0.804297	583	(-)	NNNNNNNNWATGCAAATNNNW	GGGTTTATAAAT
M0013	6	V\$OCT1_02	0.778289	585	(-)	NNW	TTGGGTTTATAAAA-
M0013	7	V\$OCT1_03	0.877914	585	(+)	NNNNNNNNWATGCAAATNNNW	TATGTCTTC
M0013	8	V\$OCT1_04	0.7821	585	(-)	NNW	TTGGGTTTATAAAA-
M0013	6	V\$OCT1_02	0.778831	588	(+)	NNW	TATGTCTTCT
M0013	7	V\$OCT1_03	0.877519	597	(-)	NNNRTAATNANNN	GGTTTATAAATATG
M0016	2	V\$OCT1_06	0.813672	610	(-)	NNNNNNNNWATGCAAATNNNW	TTTATAAATATGTCT
M0019	5	V\$OCT1_Q6	0.799672	644	(+)	NNNRTAATNANNN	TTTATAAATATGT
M0016	2	V\$OCT1_06	0.847266	645	(-)	NNNNNNNNWATGCAAATNNNW	TTTATAAAA-
M0016	2	V\$OCT1_06	0.821484	646	(+)	NNW	TATGTCTTCTTTACT
M0016	2	V\$OCT1_06	0.804297	647	(-)	NNGAATATKCANNNN	ATAAATATGTCTTCT
M0016	2	V\$OCT1_06	0.808203	682	(-)	NNNRTAATNANNN	TCTTCTTTACTAA
M0013	8	V\$OCT1_04	0.794437	685	(-)	CWNAWTKWSATRYN	TGCATTACAGATTCT
M0019	5	V\$OCT1_Q6	0.838155	689	(-)	NNNNATGCAAATNAN	GTATATATAAAATAT
M0024	8	V\$OCT1_07	0.838457	699	(+)	CWNAWTKWSATRYN	TATATATAAAATAT
M0013	8	V\$OCT1_04	0.843162	728	(+)	CWNAWTKWSATRYN	ATATATAAAATATG
M0013	5	V\$OCT1_01	0.770889	730	(+)	CWNAWTKWSATRYN	TATATAAAATATGG
M0019	5	V\$OCT1_Q6	0.84607	732	(+)	NNNNNNNNWATGCAAATNNNW	AGTATGTATGATCT
M0016	2	V\$OCT1_06	0.876172	733	(-)	NNW	ATGTATGATCTGTATTTTTC-
M0013	8	V\$OCT1_04	0.833333	734	(+)	NNNNATGCAAATNAN	TA
						NNNNWTATGCAAATNTNNN	ATGATCTGTATTTTT
						NNNNWTATGCAAATNTNNN	GTATTTTTTCTAATTTTTC
						TNTATGNTAATT	TTTTTCTAATT
						NNNNNNNNWATGCAAATNNNW	TCTAG-
						NNW	CACATGTAAATGAAAGTA
						NNNNWTATGCAAATNTNNN	TAGCACATGTAAATGAAAG
						NNNNATGCAAATNAN	GCACATGTAAATGAA
						CWNAWTKWSATRYN	CACATGTAAATGAA
						NNNNNNNNWATGCAAATNNNW	ACATGTAAATGAAAGTATTTCTA

M0016						
2	V\$OCT1_06	0.924609	739	(-)	CWNAWTKWSATRYN	TAAATGAAAGTATT
M0016						
2	V\$OCT1_06	0.808203	747	(-)	CWNAWTKWSATRYN	AGTATTTCTAGGTT
M0013						
7	V\$OCT1_03	0.884631	761	(+)	NNNRTAATNANNN	CTTATAATTTGAT
M0016						
2	V\$OCT1_06	0.825	763	(+)	CWNAWTKWSATRYN	TATAATTTGATGGA
M0016						
2	V\$OCT1_06	0.855469	800	(-)	CWNAWTKWSATRYN	GACATCTGAATCTT
M0016						
2	V\$OCT1_06	0.842187	806	(-)	CWNAWTKWSATRYN	TGAATCTTATGATT
M0016						
2	V\$OCT1_06	0.826562	808	(+)	CWNAWTKWSATRYN	AATCTTATGATTCT
M0016						
2	V\$OCT1_06	0.88125	840	(+)	CWNAWTKWSATRYN	CATATAGTCATGTC
M0016						
2	V\$OCT1_06	0.842187	845	(+)	CWNAWTKWSATRYN	AGTCATGTCATGGA
M0016						
2	V\$OCT1_06	0.837109	846	(-)	CWNAWTKWSATRYN	GTCATGTCATGGAT
M0013						
6	V\$OCT1_02	0.781267	851	(-)	NNGAATATKCANNNN	GTCATGGATATACCA
M0013					NNNNNNNNWATGCAAATNNNW	TCATGGATATAC-
8	V\$OCT1_04	0.802384	852	(+)	NNW	CAATGCAGCAA
M0013						
5	V\$OCT1_01	0.742274	854	(+)	NNNNWTATGCAAATNTNNN	ATGGATATACCAATGCAGC
M0013					NNNNNNNNWATGCAAATNNNW	ATATACCAATGCAGCAAAA-
8	V\$OCT1_04	0.784818	858	(+)	NNW	TATA
M0016						
2	V\$OCT1_06	0.803906	867	(-)	CWNAWTKWSATRYN	TGCAGCAAAATATA
M0016						
2	V\$OCT1_06	0.88125	875	(-)	CWNAWTKWSATRYN	AATATAAAATAATG
M0013						
6	V\$OCT1_02	0.779101	904	(+)	NNGAATATKCANNNN	AAAATAATTCATGGA
M0016						
2	V\$OCT1_06	0.800391	910	(+)	CWNAWTKWSATRYN	ATTCATGGAAGATA
M0016						
2	V\$OCT1_06	0.873437	983	(+)	CWNAWTKWSATRYN	CTAAAATAGATTTA
M0016						
2	V\$OCT1_06	0.847656	989	(-)	CWNAWTKWSATRYN	TAGATTTAAAAGAG
M0016						
2	V\$OCT1_06	0.85	1000	(+)	CWNAWTKWSATRYN	GAGAAAGACATTTT
M0016						
2	V\$OCT1_06	0.855078	1001	(-)	CWNAWTKWSATRYN	AGAAAGACATTTTT
M0013					NNNNNNNNWATGCAAATNNNW	ACATTTTTTTTAAATGTCAGA
8	V\$OCT1_04	0.809912	1007	(-)	NNW	TT
M0016						
2	V\$OCT1_06	0.842187	1011	(+)	CWNAWTKWSATRYN	TTTTTTTAAATGTC
M0016						
2	V\$OCT1_06	0.803906	1016	(+)	CWNAWTKWSATRYN	TTAAATGTCAGATT
M0016						
2	V\$OCT1_06	0.85	1017	(-)	CWNAWTKWSATRYN	TAAATGTCAGATTA
M0016						
2	V\$OCT1_06	0.808594	1029	(-)	CWNAWTKWSATRYN	TAAATTAAATGGGT
M0013					NNNNNNNNWATGCAAATNNNW	TAGTTTACTATA-
8	V\$OCT1_04	0.850899	1054	(-)	NNW	CATTTTAACAA
M0013					NNNNNNNNWATGCAAATNNNW	ACTATA-
8	V\$OCT1_04	0.820786	1060	(-)	NNW	CATTTTAACAAATCTAA
M0013						
5	V\$OCT1_01	0.731973	1064	(-)	NNNNWTATGCAAATNTNNN	TACATTTTAACAAATCTAA
M0016						
2	V\$OCT1_06	0.90625	1074	(-)	CWNAWTKWSATRYN	CAAATCTAATGATC
M0013						
7	V\$OCT1_03	0.842355	1076	(+)	NNNRTAATNANNN	AATCTAATGATCT
M0013						
6	V\$OCT1_02	0.776665	1089	(-)	NNGAATATKCANNNN	AAGAGGAATTTTTT

M0016						
2	V\$OCT1_06	0.826562	1097	(+)	CWNAWTKWSATRYN	TTTTTTTAAATTTT
M0024						
8	V\$OCT1_07	0.831673	1097	(+)	TNTATGNTAATT	TTTTTTTAAATT
M0013					NNNNNNNNWATGCAAATNNNW	TTTTTTAATTTTAACTGAAA-
8	V\$OCT1_04	0.813258	1099	(-)	NNW	TAT
M0013					NNNNNNNNWATGCAAATNNNW	TTTTTAATTTTAACTGAAA-
8	V\$OCT1_04	0.789419	1100	(-)	NNW	TATT
M0013					NNNNNNNNWATGCAAATNNNW	TAATTTTAACTGAAA-
8	V\$OCT1_04	0.810749	1104	(+)	NNW	TATTTAAA
M0013					NNNNNNNNWATGCAAATNNNW	AATTTTAACTGAAA-
8	V\$OCT1_04	0.788791	1105	(-)	NNW	TATTTAAAA
M0016						
2	V\$OCT1_06	0.860547	1109	(+)	CWNAWTKWSATRYN	TTAACTGAAATATT
M0016						
2	V\$OCT1_06	0.828906	1110	(-)	CWNAWTKWSATRYN	TAAGTAAATATTT
M0013					NNNNNNNNWATGCAAATNNNW	ACTGAAATATTTAAAAAATT-
8	V\$OCT1_04	0.833752	1112	(+)	NNW	GAGT
M0013						
5	V\$OCT1_01	0.769935	1114	(+)	NNNNWTATGCAAATNTNNN	TGAAATATTTAAAAAATTGA
M0013						
6	V\$OCT1_02	0.792907	1114	(+)	NNGAATATKCANNNN	TGAAATATTTAAAAA
M0016						
2	V\$OCT1_06	0.847266	1117	(+)	CWNAWTKWSATRYN	AATATTTAAAAAATT
M0016						
2	V\$OCT1_06	0.911328	1117	(-)	CWNAWTKWSATRYN	AATATTTAAAAAATT
M0013						
6	V\$OCT1_02	0.776123	1126	(-)	NNGAATATKCANNNN	AAATTGAGTAGTATT
M0013					NNNNNNNNWATGCAAATNNNW	TGAGTAGTATTTAAA-
8	V\$OCT1_04	0.804893	1130	(+)	NNW	TATGAATG
M0013					NNNNNNNNWATGCAAATNNNW	GAGTAGTATTTAAA-
8	V\$OCT1_04	0.819741	1131	(-)	NNW	TATGAATGC
M0013						
5	V\$OCT1_01	0.793399	1132	(+)	NNNNWTATGCAAATNTNNN	AGTAGTATTTAAATATGAA
M0013						
6	V\$OCT1_02	0.776394	1132	(+)	NNGAATATKCANNNN	AGTAGTATTTAAATA
M0013						
5	V\$OCT1_01	0.769935	1133	(-)	NNNNWTATGCAAATNTNNN	GTAGTATTTAAATATGAAT
M0016						
2	V\$OCT1_06	0.903906	1135	(+)	CWNAWTKWSATRYN	AGTATTTAAATATG
M0016						
2	V\$OCT1_06	0.963672	1135	(-)	CWNAWTKWSATRYN	AGTATTTAAATATG
M0024						
8	V\$OCT1_07	0.793301	1135	(+)	TNTATGNTAATT	AGTATTTAAATA
M0013						
6	V\$OCT1_02	0.81294	1137	(-)	NNGAATATKCANNNN	TATTTAAATATGAAT
M0013					NNNNNNNNWATGCAAATNNNW	TATTTAAA-
8	V\$OCT1_04	0.840234	1137	(-)	NNW	TATGAATGCCTCTCT
M0013						
7	V\$OCT1_03	0.903595	1174	(-)	NNNRTAATNANNN	ACCCTATTACCAC
M0013					NNNNNNNNWATGCAAATNNNW	GAGTGTTAGTGAATAAAAAA-
8	V\$OCT1_04	0.787118	1212	(+)	NNW	TATT
M0013					NNNNNNNNWATGCAAATNNNW	GTTAGTGAATAAAAAA-
8	V\$OCT1_04	0.816604	1216	(+)	NNW	TATTAATA
M0013						
6	V\$OCT1_02	0.815106	1217	(-)	NNGAATATKCANNNN	TTAGTGAATAAAAAAT
M0013					NNNNNNNNWATGCAAATNNNW	TTAGTGAATAAAAAATATTAA-
8	V\$OCT1_04	0.823505	1217	(-)	NNW	TAA
M0013						
7	V\$OCT1_03	0.857369	1221	(+)	NNNRTAATNANNN	TGAATAAAAAATAT
M0016						
2	V\$OCT1_06	0.860547	1221	(-)	CWNAWTKWSATRYN	TGAATAAAAAATATT
M0013						
6	V\$OCT1_02	0.796697	1223	(-)	NNGAATATKCANNNN	AATAAAAAATATTAAT
M0013					NNNNNNNNWATGCAAATNNNW	AATAAAAAATATTAATAAGA-
8	V\$OCT1_04	0.79611	1223	(-)	NNW	GACT

M0024						
8	V\$OCT1_07	0.812381	1223	(-)	TNTATGNTAATT	AATAAAAAATATT
M0013					NNNNNNNNWATGCAAATNNNW	ATAAAAAATATTAATAAGA-
8	V\$OCT1_04	0.786909	1224	(+)	NNW	GACTG
M0013						
6	V\$OCT1_02	0.777206	1226	(+)	NNGAATATKCANNNN	AAAAATATTAATAAG
M0019						
5	V\$OCT1_Q6	0.818504	1226	(+)	NNNNATGCAAATNAN	AAAAATATTAATAAG
M0016						
2	V\$OCT1_06	0.809766	1227	(-)	CWNAWKWSATRYN	AAAATATTAATAAG
M0016						
2	V\$OCT1_06	0.81875	1229	(-)	CWNAWKWSATRYN	AATATTAATAAGAG
M0016						
2	V\$OCT1_06	0.808984	1240	(+)	CWNAWKWSATRYN	GAGACTGGTATTTC
M0016						
2	V\$OCT1_06	0.817187	1273	(-)	CWNAWKWSATRYN	AGCAAGATAATTTG
M0013					NNNNNNNNWATGCAAATNNNW	CAAGATAATTTGAATGAT-
8	V\$OCT1_04	0.81514	1275	(-)	NNW	TAACA
M0013						
7	V\$OCT1_03	0.847491	1276	(+)	NNNRTAATNANNN	AAGATAATTTGAA
M0013						
5	V\$OCT1_01	0.772987	1277	(-)	NNNNWTATGCAAATNTNNN	AGATAATTTGAATGATTAA
M0016						
1	V\$OCT1_05	0.875145	1279	(+)	MKNATTTGCATAYY	ATAATTTGAATGAT
M0016						
2	V\$OCT1_06	0.839844	1279	(+)	CWNAWKWSATRYN	ATAATTTGAATGAT
M0019						
5	V\$OCT1_Q6	0.844705	1279	(-)	NNNNATGCAAATNAN	ATAATTTGAATGATT
M0024						
8	V\$OCT1_07	0.839093	1281	(-)	TNTATGNTAATT	AATTTGAATGAT
M0013					NNNNNNNNWATGCAAATNNNW	TTGAATGATTAACATTTA-
8	V\$OCT1_04	0.844207	1284	(-)	NNW	TATTG
M0013						
5	V\$OCT1_01	0.744945	1286	(-)	NNNNWTATGCAAATNTNNN	GAATGATTAACATTTATAT
M0016						
2	V\$OCT1_06	0.847656	1288	(+)	CWNAWKWSATRYN	ATGATTAACATTTA
M0019						
5	V\$OCT1_Q6	0.873908	1288	(-)	NNNNATGCAAATNAN	ATGATTAACATTTAT
M0013					NNNNNNNNWATGCAAATNNNW	TGATTAACATTTATATTGAA-
8	V\$OCT1_04	0.790673	1289	(+)	NNW	TAG
M0024						
8	V\$OCT1_07	0.836337	1290	(-)	TNTATGNTAATT	GATTAACATTTA
M0013						
6	V\$OCT1_02	0.781267	1301	(-)	NNGAATATKCANNNN	ATATTGAATAGCAAA
M0013					NNNNNNNNWATGCAAATNNNW	TATTGAA-
8	V\$OCT1_04	0.80092	1302	(+)	NNW	TAGCAAAATTAAAAAT
M0013					NNNNNNNNWATGCAAATNNNW	ATAGCAAAATTAAAAATTTA
8	V\$OCT1_04	0.805939	1308	(+)	NNW	AAT
						AG-
M0013					NNNNNNNNWATGCAAATNNNW	CAAAATTAAAAATTAAAT-
8	V\$OCT1_04	0.789837	1310	(-)	NNW	TA
M0016						
2	V\$OCT1_06	0.88125	1312	(+)	CWNAWKWSATRYN	CAAAATTAAAAATT
M0016						
2	V\$OCT1_06	0.890625	1313	(-)	CWNAWKWSATRYN	AAAATTAAAAATTT
M0013					NNNNNNNNWATGCAAATNNNW	AATTAAAAATTAAATTAG-
8	V\$OCT1_04	0.869511	1315	(+)	NNW	TAAA
M0013					NNNNNNNNWATGCAAATNNNW	ATTAAAAATTAAATTAG-
8	V\$OCT1_04	0.860937	1316	(-)	NNW	TAAA
M0013						
5	V\$OCT1_01	0.732354	1317	(+)	NNNNWTATGCAAATNTNNN	TTAAAAATTAAATTAGTA
M0013						
5	V\$OCT1_01	0.741892	1318	(-)	NNNNWTATGCAAATNTNNN	TAAAAATTAAATTAGTAA
M0016						
2	V\$OCT1_06	0.834375	1319	(+)	CWNAWKWSATRYN	AAAAATTAAATTA

M0019						
5	V\$OCT1_Q6	0.864083	1319	(+)	NNNNATGCAAATNAN	AAAAATTTAAATTAG
M0016						
2	V\$OCT1_06	0.834766	1320	(+)	CWNAWTKWSATRYN	AAAATTTAAATTAG
M0016						
2	V\$OCT1_06	0.942969	1320	(-)	CWNAWTKWSATRYN	AAAATTTAAATTAG
M0024						
8	V\$OCT1_07	0.832309	1320	(+)	TNTATGNTAATT	AAAATTTAAATT
M0013					NNNNNNNWATGCAAATNNNW	AATTTAAATTAGTAAAAA-
8	V\$OCT1_04	0.806148	1322	(-)	NNW	TATTA
M0024						
8	V\$OCT1_07	0.806869	1322	(-)	TNTATGNTAATT	AATTTAAATTAG
M0013						
5	V\$OCT1_01	0.754865	1324	(-)	NNNNWTATGCAAATNTNNN	TTTAAATTAGTAAAAATAT
M0013					NNNNNNNWATGCAAATNNNW	TTTAAATTAGTAAAAA-
8	V\$OCT1_04	0.812631	1324	(+)	NNW	TATTA
M0024						
8	V\$OCT1_07	0.800297	1328	(-)	TNTATGNTAATT	AATTAGTAAAAA
M0013						
7	V\$OCT1_03	0.870802	1330	(+)	NNNRTAATNANNN	TTAGTAAAAATAT
M0013					NNNNNNNWATGCAAATNNNW	TAGTAAAAA-
8	V\$OCT1_04	0.815767	1331	(+)	NNW	TATTAAACAAATGA
M0013						
6	V\$OCT1_02	0.787223	1335	(+)	NNGAATATKCANNNN	AAAAATATTAAACAA
M0013					NNNNNNNWATGCAAATNNNW	AAAA-
8	V\$OCT1_04	0.784818	1336	(+)	NNW	TATTAAACAAATGAACTA
M0016						
2	V\$OCT1_06	0.826562	1338	(-)	CWNAWTKWSATRYN	AATATTAAACAAAT
M0013					NNNNNNNWATGCAAATNNNW	TTAAACAAATGAAAC-
8	V\$OCT1_04	0.795483	1342	(+)	NNW	TATTTTTA
M0016						
2	V\$OCT1_06	0.855469	1347	(-)	CWNAWTKWSATRYN	CAAATGAAACTATT
M0013					NNNNNNNWATGCAAATNNNW	ATGAAAC-
8	V\$OCT1_04	0.837097	1350	(+)	NNW	TATTTTTATTATAACA
M0013					NNNNNNNWATGCAAATNNNW	TGAAAC-
8	V\$OCT1_04	0.819532	1351	(-)	NNW	TATTTTTATTATAACAC
M0024						
8	V\$OCT1_07	0.817257	1355	(+)	TNTATGNTAATT	ACTATTTTTATT
M0016						
2	V\$OCT1_06	0.831641	1356	(+)	CWNAWTKWSATRYN	CTATTTTTATTATA
M0013						
7	V\$OCT1_03	0.898064	1359	(-)	NNNRTAATNANNN	TTTTTATTATAAC
M0013					NNNNNNNWATGCAAATNNNW	GATTTTTTTTTTCAT-
8	V\$OCT1_04	0.79862	1396	(-)	NNW	ATGAAACC
M0013					NNNNNNNWATGCAAATNNNW	ATTTTTTTTTTCATATGAAAC-
8	V\$OCT1_04	0.820995	1397	(+)	NNW	CA
M0013						
5	V\$OCT1_01	0.763068	1398	(-)	NNNNWTATGCAAATNTNNN	TTTTTTTTTTCATATGAAA
M0016						
2	V\$OCT1_06	0.847266	1400	(+)	CWNAWTKWSATRYN	TTTTTTTTTCATATG
M0016						
2	V\$OCT1_06	0.826562	1412	(-)	CWNAWTKWSATRYN	TGAAACCAAATTTT
M0016						
2	V\$OCT1_06	0.852734	1418	(+)	CWNAWTKWSATRYN	CAAATTTTATTATC
M0016						
2	V\$OCT1_06	0.842578	1418	(-)	CWNAWTKWSATRYN	CAAATTTTATTATC
M0013						
7	V\$OCT1_03	0.915844	1421	(-)	NNNRTAATNANNN	ATTTTATTATCAG
M0013						
7	V\$OCT1_03	0.856183	1489	(-)	NNNRTAATNANNN	TCATCCTTACCTG
M0016						
2	V\$OCT1_06	0.85	1490	(+)	CWNAWTKWSATRYN	CATCCTTACCTGCC
M0013						
6	V\$OCT1_02	0.772875	1604	(-)	NNGAATATKCANNNN	ACTGAGAATAATAAA
M0013						
7	V\$OCT1_03	0.887396	1608	(+)	NNNRTAATNANNN	AGAATAATAAAGT

M0016						
2	V\$OCT1_06	0.813672	1610	(-)	CWNAWTKWSATRYN	AATAATAAAGTGTT
M0013						
7	V\$OCT1_03	0.858949	1631	(-)	NNNRTAATNANNN	CTCTAATTAGCTA
M0013					NNNNNNNNWATGCAAATNNNW	ATTGAAGTCTTGA-
8	V\$OCT1_04	0.799247	1643	(+)	NNW	TATTA AAACT
M0013					NNNNNNNNWATGCAAATNNNW	TCTTGATATTA AAACTATGA-
8	V\$OCT1_04	0.780217	1650	(-)	NNW	TAA
M0016						
2	V\$OCT1_06	0.826562	1654	(-)	CWNAWTKWSATRYN	GATATTAAAACTAT
M0013					NNNNNNNNWATGCAAATNNNW	TTAAAACTATGA-
8	V\$OCT1_04	0.794019	1658	(+)	NNW	TAATCCTTCAC
M0013						
5	V\$OCT1_01	0.748951	1660	(+)	NNNNWTATGCAAATNTNNN	AAAACTATGATAATCCTTC
M0019						
5	V\$OCT1_Q6	0.814138	1662	(+)	NNNNATGCAAATNAN	AACTATGATAATCCT
M0016						
1	V\$OCT1_05	0.880292	1663	(-)	MKNATTTGCATAYY	ACTATGATAATCCT
M0024						
8	V\$OCT1_07	0.804325	1663	(+)	TNTATGNTAATT	ACTATGATAATC
M0016						
2	V\$OCT1_06	0.821484	1672	(+)	CWNAWTKWSATRYN	ATCCTTCACATTTT
M0019						
5	V\$OCT1_Q6	0.812773	1672	(-)	NNNNATGCAAATNAN	ATCCTTCACATTTTG
M0016						
2	V\$OCT1_06	0.817187	1673	(-)	CWNAWTKWSATRYN	TCCTTCACATTTTG
M0013						
7	V\$OCT1_03	0.879494	1685	(-)	NNNRTAATNANNN	TGGTCATTATTAT
M0013						
7	V\$OCT1_03	0.924931	1688	(-)	NNNRTAATNANNN	TCATTATTATGTA
M0013						
6	V\$OCT1_02	0.771251	1690	(+)	NNGAATATKCANNNN	ATTATTATGTAGTTC
M0016						
2	V\$OCT1_06	0.808203	1696	(+)	CWNAWTKWSATRYN	ATGTAGTTCATTCA
M0016						
2	V\$OCT1_06	0.860547	1697	(-)	CWNAWTKWSATRYN	TGTAGTTCATT CAG
M0016						
2	V\$OCT1_06	0.916797	1732	(+)	CWNAWTKWSATRYN	CTGCTTGAAATATA
M0016						
2	V\$OCT1_06	0.842578	1738	(-)	CWNAWTKWSATRYN	GAAATATAAATCTC
M0013					NNNNNNNNWATGCAAATNNNW	AATCTCTCATGATAAAAAA-
8	V\$OCT1_04	0.7867	1746	(+)	NNW	TAAT
M0013					NNNNNNNNWATGCAAATNNNW	GATAAAAAATAATAATAA-
8	V\$OCT1_04	0.799247	1756	(+)	NNW	TAATA
M0013					NNNNNNNNWATGCAAATNNNW	ATAAAAAATAATAATAA-
8	V\$OCT1_04	0.827269	1757	(-)	NNW	TAATAA
M0013					NNNNNNNNWATGCAAATNNNW	AAAAAATAATAATAATAA-
8	V\$OCT1_04	0.819322	1759	(+)	NNW	TAAAA
M0013					NNNNNNNNWATGCAAATNNNW	AAAAATAATAATAATAA-
8	V\$OCT1_04	0.814722	1760	(-)	NNW	TAAAAA
M0013						
7	V\$OCT1_03	0.878704	1761	(+)	NNNRTAATNANNN	AAAATAATAATAA
M0013					NNNNNNNNWATGCAAATNNNW	AAATAATAATAATAA-
8	V\$OCT1_04	0.816604	1762	(+)	NNW	TAAAAAAG
M0013					NNNNNNNNWATGCAAATNNNW	AATAATAATAATAA-
8	V\$OCT1_04	0.813258	1763	(-)	NNW	TAAAAAAGT
M0013						
7	V\$OCT1_03	0.899644	1764	(+)	NNNRTAATNANNN	ATAATAATAATAA
M0013					NNNNNNNNWATGCAAATNNNW	TAATAATAATAA-
8	V\$OCT1_04	0.791092	1765	(+)	NNW	TAAAAAAGTAA
M0013						
7	V\$OCT1_03	0.899644	1767	(+)	NNNRTAATNANNN	ATAATAATAATAA
M0013					NNNNNNNNWATGCAAATNNNW	TAATAATAA-
8	V\$OCT1_04	0.859682	1768	(+)	NNW	TAAAAAAGTAAAGA
M0013						
7	V\$OCT1_03	0.880284	1770	(+)	NNNRTAATNANNN	ATAATAATAAAAA

M0019						
5	V\$OCT1_Q6	0.809225	1778	(+)	NNNNATGCAAATNAN	AAAAAAGTAAAGAAT
M0016						
2	V\$OCT1_06	0.821094	1779	(-)	CWNAWTKWSATRYN	AAAAAGTAAAGAAT
M0016						
2	V\$OCT1_06	0.860547	1804	(-)	CWNAWTKWSATRYN	GGTATCAAACAATG
M0016						
2	V\$OCT1_06	0.9375	1826	(-)	CWNAWTKWSATRYN	AGCATCAAAGAATG
M0016						
2	V\$OCT1_06	0.883984	1833	(+)	CWNAWTKWSATRYN	AAGAATGACATGAA
M0016						
2	V\$OCT1_06	0.9375	1834	(-)	CWNAWTKWSATRYN	AGAATGACATGAAG
M0013					NNNNNNNNWATGCAAATNNNW	TTACAGAATTAGCGTATTT-
8	V\$OCT1_04	0.833542	1865	(-)	NNW	GTAA
M0013						
5	V\$OCT1_01	0.838039	1867	(-)	NNNNWTATGCAAATNTNNN	ACAGAATTAGCGTATTTGT
M0016						
1	V\$OCT1_05	0.903702	1869	(+)	MKNATTTGCATAYY	AGAATTAGCGTATT
M0019						
5	V\$OCT1_Q6	0.800491	1869	(-)	NNNNATGCAAATNAN	AGAATTAGCGTATTT
M0024						
8	V\$OCT1_07	0.877888	1871	(-)	TNTATGNTAATT	AATTAGCGTATT
M0013						
5	V\$OCT1_01	0.74132	1875	(-)	NNNNWTATGCAAATNTNNN	AGCGTATTTGTAAACATAT
M0019						
5	V\$OCT1_Q6	0.824782	1877	(-)	NNNNATGCAAATNAN	CGTATTTGTAAACAT
M0013						
7	V\$OCT1_03	0.888977	1881	(+)	NNNRTAATNANNN	TTTGTAACATAT
M0016						
2	V\$OCT1_06	0.813281	1893	(-)	CWNAWTKWSATRYN	TGTGTCCAATGTAT
M0016						
2	V\$OCT1_06	0.855078	1902	(-)	CWNAWTKWSATRYN	TGTATGTCTTTACC
M0013						
7	V\$OCT1_03	0.900435	1905	(-)	NNNRTAATNANNN	ATGTCTTTACCAA
M0016						
2	V\$OCT1_06	0.873437	1917	(-)	CWNAWTKWSATRYN	AATATAACATAAAG
M0024						
8	V\$OCT1_07	0.792453	1918	(-)	TNTATGNTAATT	ATATAACATAAA
M0016						
2	V\$OCT1_06	0.813672	1934	(-)	CWNAWTKWSATRYN	TATAGTCCAGTATT
M0013						
5	V\$OCT1_01	0.783098	2028	(+)	NNNNWTATGCAAATNTNNN	CTCATTCTGCTGATTIGGA
M0013						
5	V\$OCT1_01	0.750858	2035	(-)	NNNNWTATGCAAATNTNNN	TGCTGATTTGGAGATTGAA
M0016						
2	V\$OCT1_06	0.844922	2037	(+)	CWNAWTKWSATRYN	CTGATTTGGAGATT
M0019						
5	V\$OCT1_Q6	0.823144	2037	(-)	NNNNATGCAAATNAN	CTGATTTGGAGATTG
M0016						
2	V\$OCT1_06	0.842187	2045	(+)	CWNAWTKWSATRYN	GAGATTGAATTGTT
M0016						
2	V\$OCT1_06	0.804297	2077	(+)	CWNAWTKWSATRYN	TGAAATTAGATAAT
M0016						
2	V\$OCT1_06	0.834766	2078	(-)	CWNAWTKWSATRYN	GAAATTAGATAATG
M0013					NNNNNNNNWATGCAAATNNNW	ATTAGA-
8	V\$OCT1_04	0.916562	2081	(+)	NNW	TAATGTAAATTAAAAATA
M0013						
5	V\$OCT1_01	0.790538	2083	(+)	NNNNWTATGCAAATNTNNN	TAGATAATGTAAATTAATA
M0013						
7	V\$OCT1_03	0.854208	2083	(+)	NNNRTAATNANNN	TAGATAATGTAAA
M0016						
2	V\$OCT1_06	0.834375	2085	(+)	CWNAWTKWSATRYN	GATAATGTAAATTA
M0019						
5	V\$OCT1_Q6	0.865721	2085	(+)	NNNNATGCAAATNAN	GATAATGTAAATTAA
M0016						
2	V\$OCT1_06	0.804297	2086	(-)	CWNAWTKWSATRYN	ATAATGTAAATTAA

M0024						
8	V\$OCT1_07	0.891032	2086	(+)	TNTATGNTAATT	ATAATGTAAATT
M0013					NNNNNNNNWATGCAAATNNNW	TAATGTAAATTAAAA-
8	V\$OCT1_04	0.81514	2087	(+)	NNW	TAACCCCTT
M0013					NNNNNNNNWATGCAAATNNNW	AATGTAAATTAAAA-
8	V\$OCT1_04	0.823296	2088	(-)	NNW	TAACCCCTC
M0013						
5	V\$OCT1_01	0.771461	2090	(-)	NNNNWTATGCAAATNTNNN	TGTAAATTAAAAATAACCTT
M0019						
5	V\$OCT1_Q6	0.830786	2091	(+)	NNNNATGCAAATNAN	GTAAATTAAAAATAAC
M0016						
2	V\$OCT1_06	0.908984	2092	(-)	CWNAWKWSATRYN	TAAATTAAAAATAAC
M0013					NNNNNNNNWATGCAAATNNNW	AATTAAAA-
8	V\$OCT1_04	0.781681	2094	(-)	NNW	TAACCCCTTCTCAAAA
M0024						
8	V\$OCT1_07	0.896544	2094	(-)	TNTATGNTAATT	AATTAAAAATAAC
M0013						
6	V\$OCT1_02	0.839469	2126	(+)	NNGAATATKCANNNN	AAAACCTATTCAGTTA
M0013						
5	V\$OCT1_01	0.790538	2135	(-)	NNNNWTATGCAAATNTNNN	CAGTTACTTACATAAAGCA
M0016						
2	V\$OCT1_06	0.860547	2137	(+)	CWNAWKWSATRYN	GTTACTTACATAAA
M0019						
5	V\$OCT1_Q6	0.804858	2137	(-)	NNNNATGCAAATNAN	GTTACTTACATAAAG
M0016						
2	V\$OCT1_06	0.800391	2147	(-)	CWNAWKWSATRYN	TAAAGCAAAAAGTT
M0016						
2	V\$OCT1_06	0.804297	2152	(+)	CWNAWKWSATRYN	CAAAAAGTTATTCT
M0013						
7	V\$OCT1_03	0.888186	2201	(+)	NNNRTAATNANNN	GGAGTAAACAGGA
M0013					NNNNNNNNWATGCAAATNNNW	AGAAAACAATTGAGA-
8	V\$OCT1_04	0.821205	2225	(+)	NNW	TAAAATAA
M0024						
8	V\$OCT1_07	0.799237	2232	(-)	TNTATGNTAATT	AATTCAGATAAA
M0016						
2	V\$OCT1_06	0.808594	2248	(+)	CWNAWKWSATRYN	TGGTCTTGGATGCT
M0013						
5	V\$OCT1_01	0.739985	2254	(-)	NNNNWTATGCAAATNTNNN	TGGATGCTTGGATATTGAA
M0016						
2	V\$OCT1_06	0.834375	2256	(+)	CWNAWKWSATRYN	GATGCTTGGATATT
M0013						
6	V\$OCT1_02	0.841094	2258	(-)	NNGAATATKCANNNN	TGCTTGGATATTGAA
M0013						
6	V\$OCT1_02	0.771792	2261	(+)	NNGAATATKCANNNN	TTGGATATTGAAACT
M0016						
2	V\$OCT1_06	0.829297	2272	(+)	CWNAWKWSATRYN	AACTATCAAATACA
M0016						
2	V\$OCT1_06	0.852734	2273	(-)	CWNAWKWSATRYN	ACTATCAAATACAG
M0016						
2	V\$OCT1_06	0.817187	2278	(+)	CWNAWKWSATRYN	CAAATACAGATGCA
M0013					NNNNNNNNWATGCAAATNNNW	AAATACAGATGCAAGTTCTG
8	V\$OCT1_04	0.815767	2279	(+)	NNW	AA
M0013						
5	V\$OCT1_01	0.824685	2281	(+)	NNNNWTATGCAAATNTNNN	ATACAGATGCAAGTTCTG
M0016						
2	V\$OCT1_06	0.842578	2284	(-)	CWNAWKWSATRYN	CAGATGCAAGTTTC
M0016						
2	V\$OCT1_06	0.898437	2293	(+)	CWNAWKWSATRYN	GTTTCTGAAATGCT
M0016						
2	V\$OCT1_06	0.855078	2301	(+)	CWNAWKWSATRYN	AATGCTGAGATACT
M0016						
2	V\$OCT1_06	0.813672	2313	(+)	CWNAWKWSATRYN	CTCTATTGGACTCT
M0016						
2	V\$OCT1_06	0.842187	2320	(-)	CWNAWKWSATRYN	GGACTCTAATTTTC
M0013					NNNNNNNNWATGCAAATNNNW	ACTCTAATTTTCTA-
8	V\$OCT1_04	0.83187	2322	(-)	NNW	TATCCATAT

M0013						
5	V\$OCT1_01	0.749523	2324	(-)	NNNNWTATGCAAATNTNNN	TCTAATTTTCTATATCCAT
M0013					NNNNNNNWATGCAAATNNNW	TCTAATTTTCTA-
8	V\$OCT1_04	0.788582	2324	(-)	NNW	TATCCATATTT
M0013					NNNNNNNWATGCAAATNNNW	ATTTTCTATATCCATATTTA-
8	V\$OCT1_04	0.823505	2328	(-)	NNW	GAA
M0013					NNNNNNNWATGCAAATNNNW	TTTTCTATATCCATATTTA-
8	V\$OCT1_04	0.810121	2329	(+)	NNW	GAAA
M0013						
5	V\$OCT1_01	0.780427	2330	(-)	NNNNWTATGCAAATNTNNN	TTTCTATATCCATATTTAG
M0013						
5	V\$OCT1_01	0.787867	2331	(+)	NNNNWTATGCAAATNTNNN	TTCTATATCCATATTTAGA
M0013						
6	V\$OCT1_02	0.77098	2331	(+)	NNGAATATKCANNNN	TTCTATATCCATATT
M0013						
6	V\$OCT1_02	0.796697	2334	(-)	NNGAATATKCANNNN	TATATCCATATTTAG
M0013						
6	V\$OCT1_02	0.783433	2337	(+)	NNGAATATKCANNNN	ATCCATATTTAGAAA
M0013						
5	V\$OCT1_01	0.735025	2338	(-)	NNNNWTATGCAAATNTNNN	TCCATATTTAGAAAATGCA
M0016						
2	V\$OCT1_06	0.809375	2340	(+)	CWNAWKWSATRYN	CATATTTAGAAAAT
M0016						
2	V\$OCT1_06	0.800391	2340	(-)	CWNAWKWSATRYN	CATATTTAGAAAAT
M0013						
6	V\$OCT1_02	0.850839	2346	(+)	NNGAATATKCANNNN	TAGAAAATGCAGGAT
M0013						
7	V\$OCT1_03	0.858159	2396	(-)	NNNRTAATNANNN	TTTTGTTTATGCT
M0013					NNNNNNNWATGCAAATNNNW	TTTTGTTTATGC-
8	V\$OCT1_04	0.782518	2396	(+)	NNW	TACACCCTAAA
M0013						
5	V\$OCT1_01	0.759252	2398	(+)	NNNNWTATGCAAATNTNNN	TTGTTTATGCTACACCCTA
M0016						
2	V\$OCT1_06	0.800781	2431	(-)	CWNAWKWSATRYN	GAAATCTCTGACAG
M0013					NNNNNNNWATGCAAATNNNW	AGTAAGTTACAAAAA-
8	V\$OCT1_04	0.781472	2443	(+)	NNW	TAAATCCA
M0016						
2	V\$OCT1_06	0.812109	2452	(+)	CWNAWKWSATRYN	CAAAAATAAATCCA
M0016						
2	V\$OCT1_06	0.870312	2458	(-)	CWNAWKWSATRYN	TAAATCCAAGTCCT
M0013					NNNNNNNWATGCAAATNNNW	TTGTTCTTTACAAATGAAAT
8	V\$OCT1_04	0.783563	2503	(+)	NNW	GG
M0016						
2	V\$OCT1_06	0.816406	2514	(-)	CWNAWKWSATRYN	CAAATGAAATGGGT
M0024						
8	V\$OCT1_07	0.792453	2605	(-)	TNTATGNTAATT	AACAAACATAAA
M0016						
2	V\$OCT1_06	0.847656	2607	(+)	CWNAWKWSATRYN	CAACATAAAATTTT
M0013					NNNNNNNWATGCAAATNNNW	CAGTTAAAATGAAGATTGA-
8	V\$OCT1_04	0.793392	2628	(+)	NNW	GATA
M0013						
6	V\$OCT1_02	0.798863	2633	(-)	NNGAATATKCANNNN	AAAATGAAGATTGAG
M0013					NNNNNNNWATGCAAATNNNW	AAATGAAGATTGAGA-
8	V\$OCT1_04	0.795483	2634	(+)	NNW	TAAATTTT
M0016						
2	V\$OCT1_06	0.860547	2639	(+)	CWNAWKWSATRYN	AAGATTGAGATAAA
M0013					NNNNNNNWATGCAAATNNNW	GATAAAATTTTGTATGAT-
8	V\$OCT1_04	0.783354	2647	(-)	NNW	TTAAT
M0013						
5	V\$OCT1_01	0.735406	2649	(-)	NNNNWTATGCAAATNTNNN	TAAATTTTGTATGATTTA
M0013						
6	V\$OCT1_02	0.776665	2680	(+)	NNGAATATKCANNNN	AATAAAATCCAGACA
M0016						
2	V\$OCT1_06	0.834766	2697	(+)	CWNAWKWSATRYN	CAACATTTAATTAG
M0016						
2	V\$OCT1_06	0.902344	2698	(-)	CWNAWKWSATRYN	AACATTTAATTAGG

M0013					NNNNNNNWATGCAAATNNNW	ACATTTAATTAG-
8	V\$OCT1_04	0.79632	2699	(-)	NNW	GAAAAGTATAC
M0013						
7	V\$OCT1_03	0.864085	2700	(+)	NNNRTAATNANNN	CATTTAATTAGGA
M0013						
7	V\$OCT1_03	0.894903	2701	(-)	NNNRTAATNANNN	ATTTAATTAGGAA
M0013					NNNNNNNWATGCAAATNNNW	ATTTAATTAGGAAAAGTATA-
8	V\$OCT1_04	0.818904	2701	(+)	NNW	CAT
M0013						
7	V\$OCT1_03	0.88068	2737	(+)	NNNRTAATNANNN	TGTATAATGGTTT
M0024						
8	V\$OCT1_07	0.839093	2764	(-)	TNTATGNTAATT	AACTACCATGTA
M0016						
2	V\$OCT1_06	0.842187	2767	(+)	CWNAWKWSATRYN	TACCATGTAATATA
M0016						
2	V\$OCT1_06	0.806641	2768	(-)	CWNAWKWSATRYN	ACCATGTAATATAA
M0013					NNNNNNNWATGCAAATNNNW	CCATGTAATATAAAATT-
8	V\$OCT1_04	0.810749	2769	(-)	NNW	GTTCAGA
M0016						
2	V\$OCT1_06	0.813672	2790	(-)	CWNAWKWSATRYN	GAAAATAAATCAT
M0013					NNNNNNNWATGCAAATNNNW	TCATTCTTTATCATTCTG-
8	V\$OCT1_04	0.792137	2800	(-)	NNW	GATT
M0013						
7	V\$OCT1_03	0.868827	2802	(-)	NNNRTAATNANNN	ATTTCTTTATCAT
M0016						
2	V\$OCT1_06	0.813281	2852	(+)	CWNAWKWSATRYN	GTTTTTTGAAGTC
M0013						
5	V\$OCT1_01	0.752194	2862	(-)	NNNNWTATGCAAATNTNNN	AGTCTTTTTACATAGTTTT
M0016						
2	V\$OCT1_06	0.834375	2912	(+)	CWNAWKWSATRYN	AATAATTTACTTTT
M0016						
2	V\$OCT1_06	0.847266	2913	(+)	CWNAWKWSATRYN	ATAATTTACTTTTT
M0019						
5	V\$OCT1_Q6	0.802675	2913	(-)	NNNNATGCAAATNAN	ATAATTTACTTTTTA
M0024						
8	V\$OCT1_07	0.793089	2915	(-)	TNTATGNTAATT	AATTTACTTTTT
M0013					NNNNNNNWATGCAAATNNNW	ATTTACTTTTTAAATTTTT-
8	V\$OCT1_04	0.794437	2916	(-)	NNW	GTCA
M0016						
2	V\$OCT1_06	0.821484	2920	(+)	CWNAWKWSATRYN	ACTTTTTAAATTTT
M0024						
8	V\$OCT1_07	0.793301	2920	(+)	TNTATGNTAATT	ACTTTTTAAATT
M0013					NNNNNNNWATGCAAATNNNW	TTTTTAAATTTTTGTCAA-
8	V\$OCT1_04	0.798829	2922	(-)	NNW	TAAAA
M0013					NNNNNNNWATGCAAATNNNW	TTAAATTTTTGTCAATAAAA-
8	V\$OCT1_04	0.786491	2925	(+)	NNW	TAT
M0016						
2	V\$OCT1_06	0.847656	2935	(+)	CWNAWKWSATRYN	GTCAATAAAATATA
M0016						
2	V\$OCT1_06	0.873437	2980	(+)	CWNAWKWSATRYN	CAGATTAGCTATT
M0013					NNNNNNNWATGCAAATNNNW	ATTAGC-
8	V\$OCT1_04	0.852781	2983	(+)	NNW	TATTAATAACAAACT
M0013					NNNNNNNWATGCAAATNNNW	TTTAGC-
8	V\$OCT1_04	0.793392	2984	(-)	NNW	TATTAATAACAAACTT
M0013					NNNNNNNWATGCAAATNNNW	CTATTAATAACAAACTTTTC
8	V\$OCT1_04	0.785655	2989	(+)	NNW	TT
M0024						
8	V\$OCT1_07	0.836549	2990	(-)	TNTATGNTAATT	TATTAATAACA
M0016						
2	V\$OCT1_06	0.932422	3018	(+)	CWNAWKWSATRYN	CAACATTAAATTCA
M0016						
2	V\$OCT1_06	0.924609	3019	(-)	CWNAWKWSATRYN	AACATTAAATTCAT
M0013					NNNNNNNWATGCAAATNNNW	TAGTATTA-
8	V\$OCT1_04	0.788373	3032	(-)	NNW	TATGTATATTGTGAT
M0016						
2	V\$OCT1_06	0.801562	3032	(+)	CWNAWKWSATRYN	TAGTATTATATGTA

M0016						
2	V\$OCT1_06	0.826562	3033	(-)	CWNAWTKWSATRYN	AGTATTATATGTAT
M0013						
5	V\$OCT1_01	0.735597	3034	(-)	NNNNWTATGCAAATNTNNN	GTATTATATGTATATTGTG
M0013						
5	V\$OCT1_01	0.755246	3035	(+)	NNNNWTATGCAAATNTNNN	TATTATATGTATATTGTGA
M0013						
6	V\$OCT1_02	0.818896	3038	(-)	NNGAATATKCANNNN	TATATGTATATTGTG
M0024						
8	V\$OCT1_07	0.866441	3038	(+)	TNTATGNTAATT	TATATGTATATT
M0013					NNNNNNNWATGCAAATNNNW	ATATGTATATTGTGATCTTAT-
8	V\$OCT1_04	0.793392	3039	(+)	NNW	TA
M0016						
2	V\$OCT1_06	0.817187	3044	(+)	CWNAWTKWSATRYN	TATATTGTGATCTT
M0013						
7	V\$OCT1_03	0.916239	3053	(-)	NNNRTAATNANNN	ATCTTATTATTAT
M0013						
7	V\$OCT1_03	0.873568	3056	(-)	NNNRTAATNANNN	TTATTATTATTGT
M0016						
2	V\$OCT1_06	0.805859	3061	(+)	CWNAWTKWSATRYN	ATTATTGTACTTTG
M0024						
8	V\$OCT1_07	0.815137	3061	(+)	TNTATGNTAATT	ATTATTGTACTT
M0016						
2	V\$OCT1_06	0.800391	3067	(+)	CWNAWTKWSATRYN	GTACTTTGATTGCT
M0016						
2	V\$OCT1_06	0.809375	3092	(+)	CWNAWTKWSATRYN	TTTATTGTTATATA
M0013					NNNNNNNWATGCAAATNNNW	TGCTTTGTTTTTCACAGAAA-
8	V\$OCT1_04	0.807821	3111	(-)	NNW	TAT
M0013						
6	V\$OCT1_02	0.782079	3126	(+)	NNGAATATKCANNNN	AGAAATATCCTCTCA
M0016						
2	V\$OCT1_06	0.803125	3150	(+)	CWNAWTKWSATRYN	AAGTCTTTCAAGTG
M0016						
2	V\$OCT1_06	0.855469	3270	(+)	CWNAWTKWSATRYN	CAGTTTCACATTCA
M0016						
2	V\$OCT1_06	0.839453	3271	(-)	CWNAWTKWSATRYN	AGTTTCACATTAC
M0013						
6	V\$OCT1_02	0.770168	3273	(+)	NNGAATATKCANNNN	TTTCACATTCACTAA
M0013						
7	V\$OCT1_03	0.840379	3288	(+)	NNNRTAATNANNN	GGTATAATATCTT
M0013						
6	V\$OCT1_02	0.857336	3314	(-)	NNGAATATKCANNNN	GAAGTGAATATCGAT
M0013					NNNNNNNWATGCAAATNNNW	CACATAGACTTACATAAA-
8	V\$OCT1_04	0.821623	3359	(-)	NNW	TATTT
M0013						
5	V\$OCT1_01	0.802556	3361	(-)	NNNNWTATGCAAATNTNNN	CATAGACTTACATAAATAT
M0013					NNNNNNNWATGCAAATNNNW	ATAGACTTACATAAA-
8	V\$OCT1_04	0.782518	3362	(+)	NNW	TATTTATG
M0013					NNNNNNNWATGCAAATNNNW	TAGACTTACATAAA-
8	V\$OCT1_04	0.807194	3363	(-)	NNW	TATTTATGA
M0016						
2	V\$OCT1_06	0.800391	3364	(-)	CWNAWTKWSATRYN	AGACTTACATAAAT
M0016						
2	V\$OCT1_06	0.852734	3367	(+)	CWNAWTKWSATRYN	CTTACATAAATATT
M0013						
6	V\$OCT1_02	0.84732	3369	(-)	NNGAATATKCANNNN	TACATAAATATTTAT
M0013						
7	V\$OCT1_03	0.860529	3369	(+)	NNNRTAATNANNN	TACATAAATATTT
M0013					NNNNNNNWATGCAAATNNNW	TACATAAATATTTATGAT-
8	V\$OCT1_04	0.821832	3369	(-)	NNW	TAATT
M0013					NNNNNNNWATGCAAATNNNW	ACATAAATATTTATGAT-
8	V\$OCT1_04	0.814513	3370	(+)	NNW	TAATTA
M0013						
6	V\$OCT1_02	0.834326	3372	(+)	NNGAATATKCANNNN	ATAAATATTTATGAT
M0013					NNNNNNNWATGCAAATNNNW	TAAATATTTATGAT-
8	V\$OCT1_04	0.780427	3373	(-)	NNW	TAATTAATA

M0013						
7	V\$OCT1_03	0.868036	3374	(-)	NNNRTAATNANNN	AAATATTTATGAT
M0013					NNNNNNNWATGCAAATNNNW	AAATATTTATGATTAATTAA-
8	V\$OCT1_04	0.812631	3374	(+)	NNW	TAC
M0013						
7	V\$OCT1_03	0.849862	3380	(-)	NNNRTAATNANNN	TTATGATTAATTA
M0016						
2	V\$OCT1_06	0.808203	3384	(+)	CWNAWTKWSATRYN	GATTAATTAATACC
M0013						
7	V\$OCT1_03	0.930067	3395	(-)	NNNRTAATNANNN	ACCTTATTATTCA
M0013						
5	V\$OCT1_01	0.754101	3397	(+)	NNNNWTATGCAAATNTNNN	CTTATTATTCAAGTGCAAT
M0013						
6	V\$OCT1_02	0.851651	3397	(+)	NNGAATATKCANNNN	CTTATTATTCAAGTG
M0013						
6	V\$OCT1_02	0.777477	3420	(+)	NNGAATATKCANNNN	AAGGATATGTTAGCA
M0013					NNNNNNNWATGCAAATNNNW	AGGATATGTTAGCATGAT-
8	V\$OCT1_04	0.808867	3421	(-)	NNW	TTATT
M0013						
5	V\$OCT1_01	0.758489	3423	(-)	NNNNWTATGCAAATNTNNN	GATATGTTAGCATGATTTA
M0013					NNNNNNNWATGCAAATNNNW	CATGAT-
8	V\$OCT1_04	0.792137	3433	(+)	NNW	TTATTTTAAATTATTAT
M0013					NNNNNNNWATGCAAATNNNW	TGAT-
8	V\$OCT1_04	0.875575	3435	(-)	NNW	TTATTTTAAATTATTATTG
M0024						
8	V\$OCT1_07	0.831673	3438	(+)	TNTATGNTAATT	TTATTTTAAAT
M0016						
2	V\$OCT1_06	0.847266	3440	(-)	CWNAWTKWSATRYN	TATTTTAAATTATT
M0013						
7	V\$OCT1_03	0.88147	3446	(-)	NNNRTAATNANNN	AAATTATTATTGC
M0013					NNNNNNNWATGCAAATNNNW	CTCTTTACTT-
8	V\$OCT1_04	0.806357	3469	(-)	NNW	GCATTCAAACAT
M0016						
2	V\$OCT1_06	0.855078	3469	(+)	CWNAWTKWSATRYN	CTCTTTACTTGCA
M0013						
5	V\$OCT1_01	0.731209	3471	(-)	NNNNWTATGCAAATNTNNN	CTTTACTTGCAATTCAAAC
M0016						
2	V\$OCT1_06	0.847656	3473	(+)	CWNAWTKWSATRYN	TTACTTGCAATTCA
M0019						
5	V\$OCT1_Q6	0.796124	3473	(-)	NNNNATGCAAATNAN	TTACTTGCAATTCAA
M0013					NNNNNNNWATGCAAATNNNW	TTACTTGCAATTCAAACATA-
8	V\$OCT1_04	0.789628	3474	(+)	NNW	TAAT
M0016						
2	V\$OCT1_06	0.808594	3486	(+)	CWNAWTKWSATRYN	AAACATATAATTTG
M0016						
2	V\$OCT1_06	0.819922	3487	(-)	CWNAWTKWSATRYN	AACATATAATTTGC
M0013					NNNNNNNWATGCAAATNNNW	ACATATAATTTGCAATTT-
8	V\$OCT1_04	0.804266	3488	(-)	NNW	GCTCT
M0013						
5	V\$OCT1_01	0.781	3490	(-)	NNNNWTATGCAAATNTNNN	ATATAATTTGCAATTTGCT
M0013						
5	V\$OCT1_01	0.745326	3491	(+)	NNNNWTATGCAAATNTNNN	TATAATTTGCAATTTGCTC
M0013						
6	V\$OCT1_02	0.787764	3491	(+)	NNGAATATKCANNNN	TATAATTTGCAATTT
M0016						
1	V\$OCT1_05	0.897393	3492	(+)	MKNATTTGCATAYY	ATAATTTGCAATTT
M0016						
2	V\$OCT1_06	0.826562	3492	(+)	CWNAWTKWSATRYN	ATAATTTGCAATTT
M0019						
5	V\$OCT1_Q6	0.8881	3492	(-)	NNNNATGCAAATNAN	ATAATTTGCAATTTG
M0024						
8	V\$OCT1_07	0.799873	3494	(-)	TNTATGNTAATT	AATTTGCAATTT
M0013						
5	V\$OCT1_01	0.735597	3508	(-)	NNNNWTATGCAAATNTNNN	TCTCATTTTACACACTGAA
M0013						
6	V\$OCT1_02	0.781808	3519	(-)	NNGAATATKCANNNN	ACACTGAATCTTCCA

M0016						
2	V\$OCT1_06	0.801562	3592	(+)	CWNAWKWSATRYN	CTTATTTTTTTATT
M0013					NNNNNNNWATGCAAATNNNW	TTTTATTCTTT-
8	V\$OCT1_04	0.789419	3599	(-)	NNW	GCAGAATGAACC
M0013						
5	V\$OCT1_01	0.771652	3601	(-)	NNNNWTATGCAAATNTNNN	TTATTCTTTGCAGAATGAA
M0019						
5	V\$OCT1_Q6	0.804858	3603	(-)	NNNNATGCAAATNAN	ATTCTTTGCAGAATG
M0016						
2	V\$OCT1_06	0.813672	3663	(+)	CWNAWKWSATRYN	CTCTCTTTCAGTTA
M0016						
2	V\$OCT1_06	0.824219	3685	(+)	CWNAWKWSATRYN	GA CTGTGCATGTC
M0016						
2	V\$OCT1_06	0.868359	3701	(+)	CWNAWKWSATRYN	CCTCATTTCAATTA
M0016						
2	V\$OCT1_06	0.855469	3702	(-)	CWNAWKWSATRYN	CTCATTTCAATTTAT
M0013					NNNNNNNWATGCAAATNNNW	TCATTTATTTCTTCAATTG
8	V\$OCT1_04	0.811167	3707	(-)	NNW	T
M0016						
2	V\$OCT1_06	0.808594	3757	(+)	CWNAWKWSATRYN	CTCTCTTAATTGTC
M0016						
2	V\$OCT1_06	0.804297	3761	(+)	CWNAWKWSATRYN	CTTAATTGCTGT
M0024						
8	V\$OCT1_07	0.836549	3769	(+)	TNTATGNTAATT	TCTGTTTTAATT
M0013						
7	V\$OCT1_03	0.852627	3772	(+)	NNNRTAATNANNN	GTTTAATTAAAT
M0016						
2	V\$OCT1_06	0.855469	3774	(+)	CWNAWKWSATRYN	TTTAATTAAATTCC
M0024						
8	V\$OCT1_07	0.807717	3774	(+)	TNTATGNTAATT	TTTAATTAAATT
M0013					NNNNNNNWATGCAAATNNNW	TTAATTAAATTCC-
8	V\$OCT1_04	0.781472	3775	(+)	NNW	TATCAATCC
M0016						
2	V\$OCT1_06	0.814062	3775	(-)	CWNAWKWSATRYN	TTAATTAAATTCCT
M0013						
6	V\$OCT1_02	0.807526	3783	(+)	NNGAATATKCANNNN	ATTCTATTCAATCC
M0013					NNNNNNNWATGCAAATNNNW	ACATTGA-
8	V\$OCT1_04	0.806775	3806	(-)	NNW	TAAGTATGTACTAA
M0013						
7	V\$OCT1_03	0.850257	3810	(+)	NNNRTAATNANNN	TTGATAAGTATGT
M0013						
5	V\$OCT1_01	0.73884	3813	(+)	NNNNWTATGCAAATNTNNN	ATAAGTATGTACTAACT
M0013						
7	V\$OCT1_03	0.870012	3839	(+)	NNNRTAATNANNN	CTGGTAAAGAAGG
M0016						
2	V\$OCT1_06	0.916797	3867	(+)	CWNAWKWSATRYN	CTCCTTTAGATTTT
M0016						
2	V\$OCT1_06	0.844922	3875	(-)	CWNAWKWSATRYN	GATTTTAAATTAG
M0016						
2	V\$OCT1_06	0.832812	3880	(+)	CWNAWKWSATRYN	TAAATTAGATCCT
M0016						
2	V\$OCT1_06	0.862891	3899	(-)	CWNAWKWSATRYN	TACAATAATTCTC
M0016						
2	V\$OCT1_06	0.801562	3904	(+)	CWNAWKWSATRYN	CTAATTCTCTTATT
M0019						
5	V\$OCT1_Q6	0.790666	3904	(-)	NNNNATGCAAATNAN	CTAATTCTCTTATT
M0013						
6	V\$OCT1_02	0.782079	3922	(-)	NNGAATATKCANNNN	CTAAGAAATATTCTG
M0013						
6	V\$OCT1_02	0.839199	3925	(+)	NNGAATATKCANNNN	AGAAATATTCTGGTT
M0013					NNNNNNNWATGCAAATNNNW	TTGTTCAAATGGAAACAT-
8	V\$OCT1_04	0.781263	3961	(+)	NNW	ACTC
M0016						
2	V\$OCT1_06	0.808594	3966	(-)	CWNAWKWSATRYN	CAAATGGAAACAT
M0013						
6	V\$OCT1_02	0.796156	3989	(-)	NNGAATATKCANNNN	GGGGTGCATTTTCC

M0013						
7	V\$OCT1_03	0.86369	4001	(-)	NNNRTAATNANNN	TCCTTTTATAAT
M0016						
2	V\$OCT1_06	0.832031	4003	(+)	CWNAWKWSATRYN	CTTTTATAATTCA
M0013					NNNNNNNWATGCAAATNNNW	TTTTTATAATTCACAATTTAA-
8	V\$OCT1_04	0.79381	4004	(+)	NNW	TA
M0013						
6	V\$OCT1_02	0.77098	4006	(+)	NNGAATATKCANNNN	TTTATAATTCACAAT
M0016						
2	V\$OCT1_06	0.937891	4015	(+)	CWNAWKWSATRYN	CACAATTTAATATC
M0016						
2	V\$OCT1_06	0.808594	4016	(-)	CWNAWKWSATRYN	ACAATTTAATATCT
M0016						
2	V\$OCT1_06	0.813672	4103	(-)	CWNAWKWSATRYN	GACAGCCAAATTCT
M0016						
2	V\$OCT1_06	0.800391	4112	(+)	CWNAWKWSATRYN	ATTCTTGAAAAATC
M0013						
6	V\$OCT1_02	0.772604	4113	(-)	NNGAATATKCANNNN	TTCTTGAAAAATCAA
M0013					NNNNNNNWATGCAAATNNNW	TTGAAAAATCAACATAATTTT
8	V\$OCT1_04	0.83166	4116	(-)	NNW	TG
M0013						
5	V\$OCT1_01	0.77871	4118	(-)	NNNNWTATGCAAATNTNNN	GAAAAATCAACATAATTTT
M0016						
2	V\$OCT1_06	0.831641	4120	(-)	CWNAWKWSATRYN	AAAATCAACATAAT
M0024						
8	V\$OCT1_07	0.871105	4122	(-)	TNTATGNTAATT	AATCAACATAAT
M0013					NNNNNNNWATGCAAATNNNW	AATTTTGTTT-
8	V\$OCT1_04	0.782936	4131	(-)	NNW	GCAAATGTTTTT
M0013					NNNNNNNWATGCAAATNNNW	ATTTTGTTT-
8	V\$OCT1_04	0.805521	4132	(+)	NNW	GCAAATGTTTTT
M0013						
5	V\$OCT1_01	0.814384	4134	(+)	NNNNWTATGCAAATNTNNN	TTTTGTTTGCAAATGTTTT
M0016						
2	V\$OCT1_06	0.834375	4137	(-)	CWNAWKWSATRYN	TGTTTGCAAATGTT
M0013						
7	V\$OCT1_03	0.8629	4161	(-)	NNNRTAATNANNN	ACTTGATTAAACC
M0016						
2	V\$OCT1_06	0.847266	4173	(+)	CWNAWKWSATRYN	CTTTACTTCATTCA
M0013						
6	V\$OCT1_02	0.851922	4202	(-)	NNGAATATKCANNNN	AAAAAGAATATTGAA
M0013					NNNNNNNWATGCAAATNNNW	AAAAGAA-
8	V\$OCT1_04	0.840025	4203	(+)	NNW	TATTGAAATCAGATAA
M0013						
5	V\$OCT1_01	0.752766	4205	(+)	NNNNWTATGCAAATNTNNN	AAGAATATTGAAATCAGAT
M0013						
6	V\$OCT1_02	0.842447	4205	(+)	NNGAATATKCANNNN	AAGAATATTGAAATC
M0019						
5	V\$OCT1_Q6	0.84143	4207	(+)	NNNNATGCAAATNAN	GAATATTGAAATCAG
M0016						
1	V\$OCT1_05	0.890752	4208	(-)	MKNATTTGCATAYY	AATATTGAAATCAG
M0016						
2	V\$OCT1_06	0.866016	4208	(-)	CWNAWKWSATRYN	AATATTGAAATCAG
M0024						
8	V\$OCT1_07	0.791181	4208	(+)	TNTATGNTAATT	AATATTGAAATC
M0016						
2	V\$OCT1_06	0.813672	4214	(-)	CWNAWKWSATRYN	GAAATCAGATAAAC
M0013						
5	V\$OCT1_01	0.762304	4218	(+)	NNNNWTATGCAAATNTNNN	TCAGATAAACAAATATTAA
M0013						
7	V\$OCT1_03	0.852232	4219	(+)	NNNRTAATNANNN	CAGATAAACAAAT
M0013						
6	V\$OCT1_02	0.78262	4223	(-)	NNGAATATKCANNNN	TAAACAAATATTAAA
M0013					NNNNNNNWATGCAAATNNNW	AAACAAATATTAAAAA-
8	V\$OCT1_04	0.797365	4224	(+)	NNW	GCTGCTT
M0016						
2	V\$OCT1_06	0.869922	4229	(-)	CWNAWKWSATRYN	AATATTAAAAAGCT

M0013					NNNNNNNWATGCAAATNNNW	AAAA-
8	V\$OCT1_04	0.7867	4236	(+)	NNW	GCTGCTTTAAATTTTAATT
M0016						
2	V\$OCT1_06	0.903906	4241	(+)	CWNAWTKWSATRYN	CTGCTTTAAATTTT
M0019						
5	V\$OCT1_Q6	0.802129	4241	(-)	NNNNATGCAAATNAN	CTGCTTTAAATTTTA
M0013					NNNNNNNWATGCAAATNNNW	GCTTTAAATTTTAATT-
8	V\$OCT1_04	0.819532	4243	(-)	NNW	GTACCT
M0016						
2	V\$OCT1_06	0.847656	4247	(+)	CWNAWTKWSATRYN	TAAATTTTAATTTG
M0016						
2	V\$OCT1_06	0.873828	4247	(-)	CWNAWTKWSATRYN	TAAATTTTAATTTG
M0024						
8	V\$OCT1_07	0.875556	4247	(+)	TNTATGNTAATT	TAAATTTTAATT
M0013					NNNNNNNWATGCAAATNNNW	AATTTTAATTTGTACCTTT-
8	V\$OCT1_04	0.788373	4249	(-)	NNW	GCAA
M0019						
5	V\$OCT1_Q6	0.802129	4253	(-)	NNNNATGCAAATNAN	TTAATTTGTACCTTT
M0013						
5	V\$OCT1_01	0.751049	4259	(-)	NNNNWTATGCAAATNTNNN	TGTACCTTTGCAAAACACT
M0019						
5	V\$OCT1_Q6	0.809771	4262	(+)	NNNNATGCAAATNAN	ACCTTTGCAAAACAC
M0016						
2	V\$OCT1_06	0.868359	4278	(+)	CWNAWTKWSATRYN	CATGTTTTCATTTG
M0013					NNNNNNNWATGCAAATNNNW	TGTTTTCATTTGCATAAC-
8	V\$OCT1_04	0.898578	4280	(-)	NNW	CTATG
M0013					NNNNNNNWATGCAAATNNNW	GTTTTCATTTGCATAAC-
8	V\$OCT1_04	0.7867	4281	(+)	NNW	CTATGT
M0013						
5	V\$OCT1_01	0.876574	4282	(-)	NNNNWTATGCAAATNTNNN	TTTTCATTTGCATAACCTA
M0016						
1	V\$OCT1_05	0.896895	4284	(+)	MKNATTTGCATAYY	TTCATTTGCATAAC
M0019						
5	V\$OCT1_Q6	0.88619	4284	(-)	NNNNATGCAAATNAN	TTCATTTGCATAACC
M0013						
6	V\$OCT1_02	0.822956	4286	(-)	NNGAATATKCANNNN	CATTTGCATAACCTA
M0024						
8	V\$OCT1_07	0.840153	4286	(-)	TNTATGNTAATT	CATTTGCATAAC
M0013					NNNNNNNWATGCAAATNNNW	CATAAC-
8	V\$OCT1_04	0.804475	4292	(+)	NNW	CTATGTAGAATTTTACA
M0016						
2	V\$OCT1_06	0.828906	4305	(+)	CWNAWTKWSATRYN	GAATTTTACAATTT
M0016						
2	V\$OCT1_06	0.839453	4306	(-)	CWNAWTKWSATRYN	AATTTTACAATTTT
M0013					NNNNNNNWATGCAAATNNNW	TTTACAATTTCCATGTTT
8	V\$OCT1_04	0.875784	4308	(-)	NNW	TA
M0013						
5	V\$OCT1_01	0.813621	4310	(-)	NNNNWTATGCAAATNTNNN	TTACAATTTCCATGTTT
M0016						
1	V\$OCT1_05	0.880624	4312	(+)	MKNATTTGCATAYY	ACAATTTCCATGTT
M0016						
2	V\$OCT1_06	0.812109	4312	(+)	CWNAWTKWSATRYN	ACAATTTCCATGTT
M0019						
5	V\$OCT1_Q6	0.835972	4312	(-)	NNNNATGCAAATNAN	ACAATTTCCATGTTT
M0013						
6	V\$OCT1_02	0.776394	4314	(-)	NNGAATATKCANNNN	AATTTCCATGTTT
M0024						
8	V\$OCT1_07	0.893788	4314	(-)	TNTATGNTAATT	AATTTCCATGTT
M0024						
8	V\$OCT1_07	0.841213	4318	(+)	TNTATGNTAATT	TCCATGTTT
M0013					NNNNNNNWATGCAAATNNNW	CCATGTTTATTATAATGGAAT
8	V\$OCT1_04	0.78921	4319	(+)	NNW	GT
M0013						
7	V\$OCT1_03	0.873173	4322	(-)	NNNRTAATNANNN	TGTTTATTATAAT
M0013						
7	V\$OCT1_03	0.866061	4327	(+)	NNNRTAATNANNN	ATTATAATGGAAT

M0016	2	V\$OCT1_06	0.876172	4329	(+)	CWNAWKWSATRYN	TATAATGGAATGTT
M0013	6	V\$OCT1_02	0.834326	4331	(-)	NNGAATATKCANNNN	TAATGGAATGTTCTT
M0016	2	V\$OCT1_06	0.855078	4363	(+)	CWNAWKWSATRYN	CACTATGTGTTGTA
M0013	8	V\$OCT1_04	0.862401	4370	(-)	NNNNNNNWATGCAAATNNNW	TGTTGTATTTTCAA- TAATTTTGT
M0016	2	V\$OCT1_06	0.808203	4375	(-)	CWNAWKWSATRYN	TATTTTCAATAATT
M0024	8	V\$OCT1_07	0.791181	4376	(-)	TNTATGNTAATT	ATTTTCAATAAT
M0013	7	V\$OCT1_03	0.847096	4380	(+)	NNNRTAATNANNN	TCAATAATTTTGT
M0016	2	V\$OCT1_06	0.829297	4391	(+)	CWNAWKWSATRYN	GTGACTGACTTGTC
M0016	2	V\$OCT1_06	0.855078	4397	(-)	CWNAWKWSATRYN	GACTTGCAAGTAG
M0016	2	V\$OCT1_06	0.847656	4415	(+)	CWNAWKWSATRYN	CAAACAGAAATTTT
M0016	2	V\$OCT1_06	0.826562	4421	(+)	CWNAWKWSATRYN	GAAATTTTACTTCA
M0016	2	V\$OCT1_06	0.847656	4441	(+)	CWNAWKWSATRYN	CTGTATAAAATATT
M0016	2	V\$OCT1_06	0.855078	4442	(-)	CWNAWKWSATRYN	TGTATAAAATATTT
M0016	2	V\$OCT1_06	0.834375	4448	(+)	CWNAWKWSATRYN	AAATATTTGATAGG
M0013	8	V\$OCT1_04	0.789	4479	(-)	NNNNNNNWATGCAAATNNNW	AATGATTTTAAACATAAC- CTTCC
M0013	5	V\$OCT1_01	0.751622	4481	(-)	NNNNWTATGCAAATNTNNN	TGATTTTTAAACATAACCTT
M0016	2	V\$OCT1_06	0.816016	4534	(-)	CWNAWKWSATRYN	GACAGGTAAGAAAT
M0016	2	V\$OCT1_06	0.842187	4538	(-)	CWNAWKWSATRYN	GGTAAGAAATTGTC
M0013	5	V\$OCT1_01	0.752766	4576	(+)	NNNNWTATGCAAATNTNNN	AAATGGAAGCAAATTTTGT
M0016	2	V\$OCT1_06	0.860547	4580	(-)	CWNAWKWSATRYN	GGAAGCAAATTTTG
M0016	2	V\$OCT1_06	0.839453	4606	(+)	CWNAWKWSATRYN	AGTATTGTGGTGTT
M0013	7	V\$OCT1_03	0.84354	4636	(-)	NNNRTAATNANNN	GCCTTTTTATGGA
M0013	8	V\$OCT1_04	0.831451	4636	(+)	NNNNNNNWATGCAAATNNNW	GCCTTTTTATGGAAA- TAAACACT
M0013	5	V\$OCT1_01	0.816101	4638	(+)	NNNNWTATGCAAATNTNNN	CTTTTTATGGAAATAAACA
M0024	8	V\$OCT1_07	0.869197	4641	(+)	TNTATGNTAATT	TTTATGGAAATA
M0013	6	V\$OCT1_02	0.806443	4687	(+)	NNGAATATKCANNNN	AAGAGAATTCAGAAT
M0013	6	V\$OCT1_02	0.785598	4693	(-)	NNGAATATKCANNNN	ATTCAGAATAATGAC
M0013	8	V\$OCT1_04	0.79611	4695	(+)	NNNNNNNWATGCAAATNNNW	TCAGAA- TAATGACTAAAACAAAA
M0013	7	V\$OCT1_03	0.899249	4697	(+)	NNNRTAATNANNN	AGAATAATGACTA
M0016	2	V\$OCT1_06	0.88125	4713	(+)	CWNAWKWSATRYN	CAAAATGAAAGATA
M0016	2	V\$OCT1_06	0.834375	4714	(-)	CWNAWKWSATRYN	AAAATGAAAGATAA
M0016	2	V\$OCT1_06	0.803906	4729	(-)	CWNAWKWSATRYN	AACAACAAAATTTA
M0013	8	V\$OCT1_04	0.832497	4748	(-)	NNNNNNNWATGCAAATNNNW	ACAAAATTTTAAAA- TATTTTAA

M0016						
2	V\$OCT1_06	0.839453	4750	(+)	CWNAWKWSATRYN	AAAATTTTAAAATA
M0016						
2	V\$OCT1_06	0.800391	4751	(-)	CWNAWKWSATRYN	AAATTTTAAAAATAT
M0016						
2	V\$OCT1_06	0.834375	4752	(+)	CWNAWKWSATRYN	AATTTTAAAAATATT
M0016						
2	V\$OCT1_06	0.839453	4752	(-)	CWNAWKWSATRYN	AATTTTAAAAATATT
M0013					NNNNNNNNWATGCAAATNNNW	AAAATATTTTAAAGTG-
8	V\$OCT1_04	0.780427	4758	(-)	NNW	CACATTT
M0013						
6	V\$OCT1_02	0.796697	4768	(-)	NNGAATATKCANNNN	TAAGTGCACATTTAC
M0013					NNNNNNNNWATGCAAATNNNW	AGTGCACATTTACAT-
8	V\$OCT1_04	0.81744	4770	(-)	NNW	ACTGACAA
M0013						
5	V\$OCT1_01	0.878863	4772	(-)	NNNNWTATGCAAATNTNNN	TGCACATTTACATACTGAC
M0016						
2	V\$OCT1_06	0.971484	4774	(+)	CWNAWKWSATRYN	CACATTTACATACT
M0016						
2	V\$OCT1_06	0.821484	4774	(-)	CWNAWKWSATRYN	CACATTTACATACT
M0019						
5	V\$OCT1_Q6	0.835153	4774	(-)	NNNNATGCAAATNAN	CACATTTACATACTG
M0024						
8	V\$OCT1_07	0.852025	4776	(-)	TNTATGNTAATT	CATTTACATACT
M0016						
2	V\$OCT1_06	0.812109	4782	(+)	CWNAWKWSATRYN	CATACTGACAACCTT
M0016						
2	V\$OCT1_06	0.826562	4791	(-)	CWNAWKWSATRYN	AACTTTAAAGAAAG
M0016						
2	V\$OCT1_06	0.808203	4815	(+)	CWNAWKWSATRYN	AGACACTTAATGCA
M0016						
2	V\$OCT1_06	0.800781	4821	(-)	CWNAWKWSATRYN	TTAATGCAAGAAAT
M0016						
2	V\$OCT1_06	0.826562	4866	(-)	CWNAWKWSATRYN	AAAAACACATTCAT
M0013						
6	V\$OCT1_02	0.77477	4868	(+)	NNGAATATKCANNNN	AAACACATTCATCTT
M0016						
2	V\$OCT1_06	0.903906	4877	(+)	CWNAWKWSATRYN	CATCTTTTAAATTTG
M0013					NNNNNNNNWATGCAAATNNNW	TCTTTTAAATTTGCAGTAG-
8	V\$OCT1_04	0.880176	4879	(-)	NNW	CAATG
M0013						
5	V\$OCT1_01	0.763831	4881	(-)	NNNNWTATGCAAATNTNNN	TTTTAATTTGCAGTAGCAA
M0019						
5	V\$OCT1_Q6	0.793668	4883	(-)	NNNNATGCAAATNAN	TTAATTTGCAGTAGC
M0016						
2	V\$OCT1_06	0.821484	4895	(+)	CWNAWKWSATRYN	AGCAATGTAAGGTA
M0019						
5	V\$OCT1_Q6	0.792849	4895	(+)	NNNNATGCAAATNAN	AGCAATGTAAGGTAT
M0016						
2	V\$OCT1_06	0.808594	4896	(-)	CWNAWKWSATRYN	GCAATGTAAGGTAT
M0013					NNNNNNNNWATGCAAATNNNW	GTTTCTCATAGA-
8	V\$OCT1_04	0.785027	4910	(+)	NNW	TATCCATTCA
M0013					NNNNNNNNWATGCAAATNNNW	CTCATAGA-
8	V\$OCT1_04	0.804266	4915	(-)	NNW	TATCCATTCATTTGT
M0013						
6	V\$OCT1_02	0.808609	4918	(+)	NNGAATATKCANNNN	ATAGATATCCATTCA
M0013					NNNNNNNNWATGCAAATNNNW	TCCATTCATTT-
8	V\$OCT1_04	0.78189	4925	(-)	NNW	GTGTCCCTCTTT
M0013						
7	V\$OCT1_03	0.88384	4940	(-)	NNNRTAATNANNN	CCCTCTTTACTAA
M0016						
2	V\$OCT1_06	0.855469	5011	(+)	CWNAWKWSATRYN	ATCAATGATATTTA
M0013					NNNNNNNNWATGCAAATNNNW	TCAATGATATTTAAATTATT-
8	V\$OCT1_04	0.860728	5012	(+)	NNW	TA
M0013					NNNNNNNNWATGCAAATNNNW	CAATGA-
8	V\$OCT1_04	0.832915	5013	(-)	NNW	TATTTAAATTATTTTAA

M0013	5	V\$OCT1_01	0.734071	5014	(+)	NNNNWTATGCAAATNTNNN	AATGATATTTAAATTATTT
M0013	6	V\$OCT1_02	0.794532	5014	(+)	NNGAATATKCANNNN	AATGATATTTAAATT
M0013	5	V\$OCT1_01	0.7438	5015	(-)	NNNNWTATGCAAATNTNNN	ATGATATTTAAATTATTTT
M0019	5	V\$OCT1_Q6	0.804312	5016	(+)	NNNNATGCAAATNAN	TGATATTTAAATTAT
M0016	2	V\$OCT1_06	0.847656	5017	(+)	CWNAWTKWSATRYN	GATATTTAAATTAT
M0016	2	V\$OCT1_06	0.916797	5017	(-)	CWNAWTKWSATRYN	GATATTTAAATTAT
M0024	8	V\$OCT1_07	0.872589	5017	(+)	TNTATGNTAATT	GATATTTAAATT
M0013	8	V\$OCT1_04	0.81054	5021	(+)	NNNNNNNWATGCAAATNNNW NNW	TTTAAATTATTTTAAAAGTTA GT
M0016	2	V\$OCT1_06	0.841797	5057	(+)	CWNAWTKWSATRYN	ATATTTTACAAGTT
M0016	2	V\$OCT1_06	0.826562	5074	(+)	CWNAWTKWSATRYN	CTTTATTGTTTCA
M0016	2	V\$OCT1_06	0.839453	5106	(-)	CWNAWTKWSATRYN	AGAAACACAAAATG
M0013	5	V\$OCT1_01	0.731973	5141	(+)	NNNNWTATGCAAATNTNNN	TTTCTTAAGATAATGTGGC
M0013	7	V\$OCT1_03	0.846701	5147	(+)	NNNRTAATNANNN	AAGATAATGTGGC
M0016	2	V\$OCT1_06	0.806641	5163	(-)	CWNAWTKWSATRYN	AAAATGTATTCTTG
M0016	2	V\$OCT1_06	0.813672	5187	(+)	CWNAWTKWSATRYN	AGTGTTTTAATTTA
M0024	8	V\$OCT1_07	0.817257	5187	(+)	TNTATGNTAATT	AGTGTTTTAATT
M0013	6	V\$OCT1_02	0.84732	5202	(-)	NNGAATATKCANNNN	AAAAAGAATATTTGT
M0013	6	V\$OCT1_02	0.829995	5205	(+)	NNGAATATKCANNNN	AAGAATATTTGTCTT
M0016	2	V\$OCT1_06	0.826172	5209	(+)	CWNAWTKWSATRYN	ATATTTGTCTTACT
M0016	2	V\$OCT1_06	0.821094	5230	(-)	CWNAWTKWSATRYN	TACTTCCCATAAAC
M0024	8	V\$OCT1_07	0.800933	5231	(-)	TNTATGNTAATT	ACTTCCCATAAA
M0016	2	V\$OCT1_06	0.834375	5240	(-)	CWNAWTKWSATRYN	AAACTTCAAAAATG
M0016	2	V\$OCT1_06	0.821094	5272	(+)	CWNAWTKWSATRYN	GAATTCTAAATATT
M0016	2	V\$OCT1_06	0.834375	5272	(-)	CWNAWTKWSATRYN	GAATTCTAAATATT
M0013	6	V\$OCT1_02	0.826746	5274	(-)	NNGAATATKCANNNN	ATTCTAAATATTGAT
M0013	6	V\$OCT1_02	0.786952	5277	(+)	NNGAATATKCANNNN	CTAAATATTGATTTT
M0016	2	V\$OCT1_06	0.805469	5287	(+)	CWNAWTKWSATRYN	ATTTTATTGATTTA
M0016	2	V\$OCT1_06	0.821484	5299	(-)	CWNAWTKWSATRYN	TAACTTTAAAGCTG
M0016	2	V\$OCT1_06	0.847266	5334	(-)	CWNAWTKWSATRYN	TGAATGAATAAATG
M0016	2	V\$OCT1_06	0.847266	5354	(-)	CWNAWTKWSATRYN	TGAATGAATAAATG
M0013	8	V\$OCT1_04	0.805102	5357	(+)	NNNNNNNWATGCAAATNNNW NNW	ATGAA- TAAATGCAATTATAGACA
M0013	5	V\$OCT1_01	0.767074	5359	(+)	NNNNWTATGCAAATNTNNN	GAATAAATGCAATTATAGA
M0013	6	V\$OCT1_02	0.771792	5359	(+)	NNGAATATKCANNNN	GAATAAATGCAATTA

M0016						
2	V\$OCT1_06	0.876172	5362	(-)	CWNAWKWSATRYN	TAAATGCAATTATA
M0013						
7	V\$OCT1_03	0.841565	5365	(-)	NNNRTAATNANNN	ATGCAATTATAGA
M0016						
2	V\$OCT1_06	0.834375	5400	(-)	CWNAWKWSATRYN	AAACTGAAAGAATG
M0016						
2	V\$OCT1_06	0.839844	5424	(-)	CWNAWKWSATRYN	GGTATTATATAAAG
M0013					NNNNNNNWATGCAAATNNNW	AAGAATGTTTTACATAATT-
8	V\$OCT1_04	0.838561	5453	(-)	NNW	AGTT
M0013						
5	V\$OCT1_01	0.790919	5455	(-)	NNNNWTATGCAAATNTNNN	GAATGTTTTACATAATTAG
M0016						
2	V\$OCT1_06	0.834375	5457	(+)	CWNAWKWSATRYN	ATGTTTTACATAAT
M0019						
5	V\$OCT1_Q6	0.832697	5457	(-)	NNNNATGCAAATNAN	ATGTTTTACATAATT
M0016						
2	V\$OCT1_06	0.821094	5458	(-)	CWNAWKWSATRYN	TGTTTTACATAATT
M0013						
7	V\$OCT1_03	0.926906	5463	(+)	NNNRTAATNANNN	TACATAATTAGTT
M0013						
7	V\$OCT1_03	0.873173	5464	(-)	NNNRTAATNANNN	ACATAATTAGTTA
M0016						
2	V\$OCT1_06	0.894141	5465	(+)	CWNAWKWSATRYN	CATAATTAGTTATT
M0013						
7	V\$OCT1_03	0.886211	5471	(-)	NNNRTAATNANNN	TAGTTATTATTCA
M0013						
6	V\$OCT1_02	0.872225	5473	(+)	NNGAATATKCANNNN	GTTATTATTCACTTT
M0016						
2	V\$OCT1_06	0.804297	5493	(-)	CWNAWKWSATRYN	AAAATGATTTTTTG
M0016						
2	V\$OCT1_06	0.813672	5499	(+)	CWNAWKWSATRYN	ATTTTTGGATCTG
M0016						
2	V\$OCT1_06	0.805859	5524	(+)	CWNAWKWSATRYN	AGATTTTAAATAGA
M0016						
2	V\$OCT1_06	0.821484	5525	(-)	CWNAWKWSATRYN	GATTTTAAATAGAG
M0016						
2	V\$OCT1_06	0.826172	5566	(+)	CWNAWKWSATRYN	AAATTTGTGAGATA
M0013					NNNNNNNWATGCAAATNNNW	AGATAAAATAAATATCTTT-
8	V\$OCT1_04	0.785445	5575	(-)	NNW	GTAA
M0016						
2	V\$OCT1_06	0.834375	5577	(+)	CWNAWKWSATRYN	ATAAAATAAATATC
M0013						
6	V\$OCT1_02	0.779643	5579	(-)	NNGAATATKCANNNN	AAAATAAATATCTTT
M0016						
2	V\$OCT1_06	0.839453	5598	(+)	CWNAWKWSATRYN	CTATTCTTCATACC
M0013					NNNNNNNWATGCAAATNNNW	TCTTCATACCTGAATGAT-
8	V\$OCT1_04	0.788791	5602	(-)	NNW	TATCT
M0013						
6	V\$OCT1_02	0.771792	5608	(-)	NNGAATATKCANNNN	TACCTGAATGATTAT
M0013						
7	V\$OCT1_03	0.862505	5613	(-)	NNNRTAATNANNN	GAATGATTATCTT
M0013						
7	V\$OCT1_03	0.86211	5623	(-)	NNNRTAATNANNN	CTTGATTATCTT
M0013					NNNNNNNWATGCAAATNNNW	GTAAGATTATTTTAAAC-
8	V\$OCT1_04	0.812422	5670	(+)	NNW	TATTA
M0013						
6	V\$OCT1_02	0.771251	5672	(+)	NNGAATATKCANNNN	AAGATTATTTTAAA
M0013					NNNNNNNWATGCAAATNNNW	AGATTATTTTAAAC-
8	V\$OCT1_04	0.801547	5673	(-)	NNW	TATTAAAT
M0016						
2	V\$OCT1_06	0.90625	5685	(+)	CWNAWKWSATRYN	AACTATTAAATATA
M0013						
7	V\$OCT1_03	0.867641	5710	(+)	NNNRTAATNANNN	GACGTAAAAACAT
M0016						
2	V\$OCT1_06	0.828906	5717	(+)	CWNAWKWSATRYN	AAACATTTCCTTTA

M0016						
2	V\$OCT1_06	0.821484	5723	(+)	CWNAWTKWSATRYN	TTCCTTTAAATACC
M0013						
6	V\$OCT1_02	0.773416	5743	(-)	NNGAATATKCANNNN	AAAATGAATAAATAA
M0013						
7	V\$OCT1_03	0.848281	5747	(+)	NNNRTAATNANNN	TGAATAAATAAGT
M0016						
2	V\$OCT1_06	0.800781	5769	(-)	CWNAWTKWSATRYN	CAAAACTAAGACAG
M0016						
2	V\$OCT1_06	0.821094	5782	(-)	CWNAWTKWSATRYN	GATATCTCTAATTC
M0013					NNNNNNNNWATGCAAATNNNW	TATCTCTAATTCAAA-
8	V\$OCT1_04	0.809076	5784	(+)	NNW	GAAAAGAA
M0013						
5	V\$OCT1_01	0.754865	5809	(-)	NNNNWTATGCAAATNTNNN	TACAGCATAGCATATGAAA
M0016						
2	V\$OCT1_06	0.842578	5811	(+)	CWNAWTKWSATRYN	CAGCATAGCATATG
M0013						
6	V\$OCT1_02	0.77477	5813	(-)	NNGAATATKCANNNN	GCATAGCATATGAAA
M0016						
2	V\$OCT1_06	0.847656	5819	(-)	CWNAWTKWSATRYN	CATATGAAAGCCAG
M0016						
2	V\$OCT1_06	0.800391	5831	(-)	CWNAWTKWSATRYN	AGAATTAAGTGAAT
M0013						
6	V\$OCT1_02	0.775582	5836	(-)	NNGAATATKCANNNN	TAACTGAATAACTAA
M0013					NNNNNNNNWATGCAAATNNNW	AAACCAACACTCAAATTC-
8	V\$OCT1_04	0.790882	5849	(+)	NNW	TATGG
M0016						
2	V\$OCT1_06	0.821875	5854	(+)	CWNAWTKWSATRYN	AACACTCAAATTCT
M0016						
2	V\$OCT1_06	0.813672	5854	(-)	CWNAWTKWSATRYN	AACACTCAAATTCT
M0013						
6	V\$OCT1_02	0.778289	5933	(+)	NNGAATATKCANNNN	AAAAAATCCATTTT
M0016						
2	V\$OCT1_06	0.847656	5935	(-)	CWNAWTKWSATRYN	AAAAATCCATTTTG
M0013					NNNNNNNNWATGCAAATNNNW	AAATCCATTTTGCTTAAA-
8	V\$OCT1_04	0.7867	5937	(-)	NNW	TATTT
M0013						
5	V\$OCT1_01	0.789966	5939	(-)	NNNNWTATGCAAATNTNNN	ATCCATTTTGCTTAAATAT
M0013						
6	V\$OCT1_02	0.840552	5947	(-)	NNGAATATKCANNNN	TGCTTAAATATTTAT
M0013					NNNNNNNNWATGCAAATNNNW	TGCTTAAATATTTA-
8	V\$OCT1_04	0.823505	5947	(-)	NNW	TATGCCATT
M0013					NNNNNNNNWATGCAAATNNNW	GCTTAAATATTTA-
8	V\$OCT1_04	0.80343	5948	(+)	NNW	TATGCCATTG
M0013						
6	V\$OCT1_02	0.791012	5950	(+)	NNGAATATKCANNNN	TTAAATATTTATATG
M0013						
7	V\$OCT1_03	0.84196	5952	(-)	NNNRTAATNANNN	AAATATTTATATG
M0016						
2	V\$OCT1_06	0.876172	5953	(+)	CWNAWTKWSATRYN	AATATTTATATGCC
M0016						
2	V\$OCT1_06	0.813672	5953	(-)	CWNAWTKWSATRYN	AATATTTATATGCC
M0013						
6	V\$OCT1_02	0.801841	5956	(+)	NNGAATATKCANNNN	ATTTATATGCCATTG
M0016						
2	V\$OCT1_06	0.868359	5959	(-)	CWNAWTKWSATRYN	TATATGCCATTGAA
M0013						
7	V\$OCT1_03	0.860529	5982	(-)	NNNRTAATNANNN	TTTTATTTACCAC
M0016						
2	V\$OCT1_06	0.855078	5992	(-)	CWNAWTKWSATRYN	CACATCACCTTTTT
M0016						
2	V\$OCT1_06	0.813672	5998	(+)	CWNAWTKWSATRYN	ACCTTTTTAATATA
M0016						
2	V\$OCT1_06	0.804297	6003	(+)	CWNAWTKWSATRYN	TTTAATATAATGCT
M0016						
2	V\$OCT1_06	0.808594	6024	(-)	CWNAWTKWSATRYN	AACATCCAAGACCA

M0013					NNNNNNNWATGCAAATNNNW	AAGAAGTAAA-
8	V\$OCT1_04	0.814931	6047	(+)	NNW	GCTAATTAAAAAGA
M0024						
8	V\$OCT1_07	0.810049	6052	(+)	TNTATGNTAATT	GTAAAGCTAATT
M0013					NNNNNNNWATGCAAATNNNW	TAAAGCTAATTAAAA-
8	V\$OCT1_04	0.812003	6053	(+)	NNW	GAAAATAA
M0013						
7	V\$OCT1_03	0.847491	6056	(-)	NNNRATAATNANNN	AGCTAATTAAAAAG
M0024						
8	V\$OCT1_07	0.831673	6060	(-)	TNTATGNTAATT	AATTTAAAGAAA
M0013					NNNNNNNWATGCAAATNNNW	AAAGGTTATTACATTGAT-
8	V\$OCT1_04	0.820159	6074	(-)	NNW	TTAT
M0013						
6	V\$OCT1_02	0.772604	6075	(+)	NNGAATATKCANNNN	AAGGTTATTACATT
M0016						
2	V\$OCT1_06	0.860547	6078	(+)	CWNAWTKWSATRYN	GTTATTTACATTGA
M0019						
5	V\$OCT1_Q6	0.916485	6078	(-)	NNNNATGCAAATNAN	GTTATTTACATTGAT
M0024						
8	V\$OCT1_07	0.817257	6080	(-)	TNTATGNTAATT	TATTACATTGA
M0016						
2	V\$OCT1_06	0.85	6100	(-)	CWNAWTKWSATRYN	AACATATAAGAATC
M0016						
2	V\$OCT1_06	0.826562	6108	(-)	CWNAWTKWSATRYN	AGAATCTACGGTAG
M0024						
8	V\$OCT1_07	0.800085	6112	(+)	TNTATGNTAATT	TCTACGGTAGTT
M0016						
2	V\$OCT1_06	0.893359	6131	(+)	CWNAWTKWSATRYN	AACTCTGAAATGCA
M0013					NNNNNNNWATGCAAATNNNW	ACTCTGAAATGCAGATTAG-
8	V\$OCT1_04	0.790673	6132	(+)	NNW	TGAG
M0013						
5	V\$OCT1_01	0.7438	6134	(+)	NNNNWTATGCAAATNTNNN	TCTGAAATGCAGATTAGTG
M0019						
5	V\$OCT1_Q6	0.849891	6136	(+)	NNNNATGCAAATNAN	TGAAATGCAGATTAG
M0013						
6	V\$OCT1_02	0.790742	6137	(-)	NNGAATATKCANNNN	GAAATGCAGATTAGT
M0016						
1	V\$OCT1_05	0.886103	6137	(-)	MKNATTTGCATAYY	GAAATGCAGATTAG
M0016						
2	V\$OCT1_06	0.839844	6137	(-)	CWNAWTKWSATRYN	GAAATGCAGATTAG
M0013					NNNNNNNWATGCAAATNNNW	GATTAG-
8	V\$OCT1_04	0.81033	6145	(+)	NNW	TGAGGTAAATCTCTTGG
M0013						
7	V\$OCT1_03	0.840379	6193	(-)	NNNRATAATNANNN	TTTTCTTATCAC
M0016						
2	V\$OCT1_06	0.805859	6201	(+)	CWNAWTKWSATRYN	ATCACTTGGCTATT
M0016						
2	V\$OCT1_06	0.852344	6214	(-)	CWNAWTKWSATRYN	TGTCTCAAATTTAT
M0013						
5	V\$OCT1_01	0.760588	6217	(-)	NNNNWTATGCAAATNTNNN	CTCAAATTTATATTTTCTT
M0016						
2	V\$OCT1_06	0.894531	6219	(+)	CWNAWTKWSATRYN	CAAATTTATATTTT
M0016						
2	V\$OCT1_06	0.821484	6219	(-)	CWNAWTKWSATRYN	CAAATTTATATTTT
M0019						
5	V\$OCT1_Q6	0.815775	6219	(-)	NNNNATGCAAATNAN	CAAATTTATATTTTC
M0024						
8	V\$OCT1_07	0.794149	6221	(-)	TNTATGNTAATT	AATTTATATTTT
M0013					NNNNNNNWATGCAAATNNNW	TATTTTCTTTGGCATCTATA-
8	V\$OCT1_04	0.839398	6227	(-)	NNW	TAT
M0016						
2	V\$OCT1_06	0.855078	6237	(-)	CWNAWTKWSATRYN	GGCATCTATATATT
M0013						
5	V\$OCT1_01	0.750095	6244	(+)	NNNNWTATGCAAATNTNNN	ATATATTTGGTAATTGTTA
M0024						
8	V\$OCT1_07	0.893152	6247	(+)	TNTATGNTAATT	TATTTGGTAATT

M0013					NNNNNNNWATGCAAATNNNW	ATTGGAATT-GTTATTTACAT
8	V\$OCT1_04	0.796529	6248	(+)	NNW	
M0013					NNNRTAATNANN	TTGGAATTGTTA
7	V\$OCT1_03	0.872382	6250	(+)		
M0016					CWNAWKWSATRYN	GTAATTGTTATTTT
2	V\$OCT1_06	0.852734	6253	(+)	NNNNNNNWATGCAAATNNNW	ATTGTTATTTTACATCTGAA-
M0013					NNW	TAT
8	V\$OCT1_04	0.827896	6256	(-)	NNNNNNNWATGCAAATNNNW	ATTTTACATCTGAA-
M0013					NNW	TATTTATCA
8	V\$OCT1_04	0.844207	6262	(-)	NNNNNNNWATGCAAATNNNW	TTTACATCTGAA-
M0013					NNW	TATTTATCAT
8	V\$OCT1_04	0.823714	6263	(+)		
M0013					NNNNWTATGCAAATNTNNN	TTTACATCTGAATATTTAT
5	V\$OCT1_01	0.784433	6264	(-)		
M0016					CWNAWKWSATRYN	TACATCTGAATATT
2	V\$OCT1_06	0.88125	6266	(-)		
M0013					NNGAATATKCANNNN	CATCTGAATATTTAT
6	V\$OCT1_02	0.895777	6268	(-)		
M0013					NNGAATATKCANNNN	CTGAATATTTATCAT
6	V\$OCT1_02	0.857066	6271	(+)	NNNNNNNWATGCAAATNNNW	CTGAA-
M0013					NNW	TATTTATCATAAAAAATA
8	V\$OCT1_04	0.819532	6271	(-)	NNNNNNNWATGCAAATNNNW	GAATATTTATCATAAAAAA-
M0013					NNW	TAAA
8	V\$OCT1_04	0.808448	6273	(+)	NNNNNNNWATGCAAATNNNW	TATTTATCATAAAAAA-
M0013					NNW	TAAAGTT
8	V\$OCT1_04	0.797365	6276	(+)		
M0024					TNTATGNTAATT	ATTTATCATAAA
8	V\$OCT1_07	0.818741	6277	(-)		
M0016					CWNAWKWSATRYN	ATAAAGTTAATTCT
2	V\$OCT1_06	0.826562	6291	(+)		
M0024					TNTATGNTAATT	ATAAAGTTAATT
8	V\$OCT1_07	0.817045	6291	(+)		
M0016					CWNAWKWSATRYN	TAAAGTTAATTCTC
2	V\$OCT1_06	0.829297	6292	(-)		
M0016					CWNAWKWSATRYN	AGGATCACATCATG
2	V\$OCT1_06	0.825	6318	(-)		
M0016					CWNAWKWSATRYN	CATCATGGAAGACA
2	V\$OCT1_06	0.834375	6325	(+)	NNNNNNNWATGCAAATNNNW	TGTATACTTATGTATTATA-
M0013					NNW	CATA
8	V\$OCT1_04	0.819532	6367	(-)		
M0019					NNNNATGCAAATNAN	ATGCTTTACTTTATC
5	V\$OCT1_Q6	0.791485	6401	(-)		
M0016					CWNAWKWSATRYN	AAGATTGAACTTT
2	V\$OCT1_06	0.821484	6439	(+)		
M0024					TNTATGNTAATT	AGTTAACATTAG
8	V\$OCT1_07	0.791605	6500	(-)		
M0016					CWNAWKWSATRYN	GAATTTGTCATTTA
2	V\$OCT1_06	0.911328	6518	(+)	NNNNNNNWATGCAAATNNNW	AATTTGTCATTTAAATGA-
M0013					NNW	TAATC
8	V\$OCT1_04	0.785027	6519	(+)		
M0016					CWNAWKWSATRYN	AATTGTCATTTAA
2	V\$OCT1_06	0.811719	6519	(-)	NNNNNNNWATGCAAATNNNW	ATTTGTCATTTAAATGA-
M0013					NNW	TAATCA
8	V\$OCT1_04	0.813676	6520	(-)		
M0016					CWNAWKWSATRYN	GTCATTTAAATGAT
2	V\$OCT1_06	0.847656	6524	(+)		
M0016					CWNAWKWSATRYN	GTCATTTAAATGAT
2	V\$OCT1_06	0.834766	6524	(-)	NNNNNNNWATGCAAATNNNW	TCATTTAAATGATAATCAG-
M0013					NNW	TGAA
8	V\$OCT1_04	0.81765	6525	(+)		
M0019					NNNNATGCAAATNAN	TTAAATGATAATCAG
5	V\$OCT1_Q6	0.823417	6529	(+)		
M0016					MKNATTTGCATAYY	TAAATGATAATCAG
1	V\$OCT1_05	0.85904	6530	(-)		
M0016					CWNAWKWSATRYN	TAAATGATAATCAG
2	V\$OCT1_06	0.866016	6530	(-)		

M0013						
7	V\$OCT1_03	0.90004	6533	(+)	NNNRTAATNANNN	ATGATAATCAGTG
M0016						
2	V\$OCT1_06	0.808203	6549	(-)	CWNAWKWSATRYN	AGTTTGTGAGAGAT
M0016						
2	V\$OCT1_06	0.813672	6586	(-)	CWNAWKWSATRYN	AGAATTCAGAGATG
M0019						
5	V\$OCT1_Q6	0.795579	6636	(+)	NNNNATGCAAATNAN	AGGTATAGAAAGGAC
M0013						
7	V\$OCT1_03	0.84275	6709	(-)	NNNRTAATNANNN	AGCTGGTTACTAG
M0013						
7	V\$OCT1_03	0.8629	6725	(+)	NNNRTAATNANNN	AGTGTAACATAA
M0013						
6	V\$OCT1_02	0.787223	6740	(-)	NNGAATATKCANNNN	GGGCGGAATGTTTAT
M0013						
6	V\$OCT1_02	0.792366	6743	(+)	NNGAATATKCANNNN	CGGAATGTTTATTGG
M0024						
8	V\$OCT1_07	0.808141	6744	(+)	TNTATGNTAATT	GGAATGTTTATT
M0016						
1	V\$OCT1_05	0.873651	6784	(+)	MKNATTTGCATAYY	CTGATTTTCATCCC
M0016						
2	V\$OCT1_06	0.873828	6784	(+)	CWNAWKWSATRYN	CTGATTTTCATCCC
M0019						
5	V\$OCT1_Q6	0.847707	6784	(-)	NNNNATGCAAATNAN	CTGATTTTCATCCCA
M0013					NNNNNNNWATGCAAATNNNW	AGATTTT-
8	V\$OCT1_04	0.791301	6823	(+)	NNW	GTTCTTATTTAATCT
M0016						
2	V\$OCT1_06	0.834375	6846	(-)	CWNAWKWSATRYN	TGTTTGAAAGTGTT
M0016						
2	V\$OCT1_06	0.852734	6888	(+)	CWNAWKWSATRYN	CTGATTTTATTGTA
M0013					NNNNNNNWATGCAAATNNNW	TGATTTTATTGTAATGAGAG-
8	V\$OCT1_04	0.786073	6889	(-)	NNW	CAT
M0024						
8	V\$OCT1_07	0.834429	6893	(+)	TNTATGNTAATT	TTTATTGTAATG
M0013						
7	V\$OCT1_03	0.924931	6896	(+)	NNNRTAATNANNN	ATTGTAATGAGAG
M0013						
6	V\$OCT1_02	0.777206	6903	(-)	NNGAATATKCANNNN	TGAGAGCATAGTGAA
M0016						
2	V\$OCT1_06	0.889062	6926	(+)	CWNAWKWSATRYN	TACATTTAGATGCT
M0016						
2	V\$OCT1_06	0.821484	6926	(-)	CWNAWKWSATRYN	TACATTTAGATGCT
M0019						
5	V\$OCT1_Q6	0.799945	6997	(+)	NNNNATGCAAATNAN	AAATGTGTGAATTCT
M0013					NNNNNNNWATGCAAATNNNW	ATGTGTGAATTCTTATCAG-
8	V\$OCT1_04	0.806148	6999	(+)	NNW	TCCT
M0013						
6	V\$OCT1_02	0.77856	7000	(-)	NNGAATATKCANNNN	TGTGTGAATTCTTAT
M0016						
2	V\$OCT1_06	0.804297	7080	(-)	CWNAWKWSATRYN	TTCCTGCCATTTAG
M0024						
8	V\$OCT1_07	0.804113	7107	(+)	TNTATGNTAATT	TCTCTGCTCATT
M0013					NNNNNNNWATGCAAATNNNW	AAAAAACATT-
8	V\$OCT1_04	0.797574	7134	(+)	NNW	GCTTATTTATTAA
M0016						
2	V\$OCT1_06	0.828906	7137	(+)	CWNAWKWSATRYN	AAACATTGCTTATT
M0013						
6	V\$OCT1_02	0.790742	7139	(-)	NNGAATATKCANNNN	ACATTGCTTATTTAT
M0013					NNNNNNNWATGCAAATNNNW	ACATTGCTTATTTATTAAAA-
8	V\$OCT1_04	0.800293	7139	(-)	NNW	TAA
M0013					NNNNNNNWATGCAAATNNNW	GCTTATTTATTAAAAATAAA-
8	V\$OCT1_04	0.871602	7144	(+)	NNW	GAGT
M0013						
5	V\$OCT1_01	0.731973	7146	(+)	NNNNWTATGCAAATNTNNN	TTATTTATTAAAAATAAAGA
M0013						
5	V\$OCT1_01	0.731973	7147	(-)	NNNNWTATGCAAATNTNNN	TATTTATTAAAAATAAGAG

M0024						
8	V\$OCT1_07	0.831673	7151	(-)	TNTATGNTAATT	TATTAATAATAAA
M0013						
7	V\$OCT1_03	0.846306	7155	(+)	NNNRTAATNANNN	AAAATAAAGAGTA
M0016						
2	V\$OCT1_06	0.800391	7167	(-)	CWNAWKWSATRYN	AAAAAGCAAAATAT
M0016						
2	V\$OCT1_06	0.865625	7168	(-)	CWNAWKWSATRYN	AAAAGCAAAATATG
M0013					NNNNNNNWATGCAAATNNNW	AAGCAAAA-
8	V\$OCT1_04	0.814304	7170	(-)	NNW	TATGTATGAATGTTT
M0013						
6	V\$OCT1_02	0.814835	7173	(+)	NNGAATATKCANNNN	CAAAATATGTATGAA
M0013					NNNNNNNWATGCAAATNNNW	AAAA-
8	V\$OCT1_04	0.791092	7174	(-)	NNW	TATGTATGAATGTTTAAAA
M0013					NNNNNNNWATGCAAATNNNW	AAA-
8	V\$OCT1_04	0.832706	7175	(+)	NNW	TATGTATGAATGTTTAAAAAT
M0016						
2	V\$OCT1_06	0.855078	7176	(-)	CWNAWKWSATRYN	AATATGTATGAATG
M0013						
6	V\$OCT1_02	0.811586	7180	(-)	NNGAATATKCANNNN	TGTATGAATGTTTAA
M0013					NNNNNNNWATGCAAATNNNW	GTATGAATGTTTAAAAATGAAC
8	V\$OCT1_04	0.820368	7181	(+)	NNW	TA
M0016						
2	V\$OCT1_06	0.833984	7386	(-)	CWNAWKWSATRYN	AGCCTCAAAAATTT
M0013						
5	V\$OCT1_01	0.77852	7391	(-)	NNNNWTATGCAAATNTNNN	CAAAAATTTGGTTAATCAC
M0013						
7	V\$OCT1_03	0.881075	7399	(+)	NNNRTAATNANNN	TGGTTAATCACGT
M0013						
6	V\$OCT1_02	0.862209	7419	(-)	NNGAATATKCANNNN	GAGATGAATAGTCTG
M0013					NNNNNNNWATGCAAATNNNW	AATAGTCTGTT-
8	V\$OCT1_04	0.793183	7425	(-)	NNW	GCATATTAATAAT
M0013						
5	V\$OCT1_01	0.777757	7427	(-)	NNNNWTATGCAAATNTNNN	TAGTCTGTTGCATATTAAA
M0016						
2	V\$OCT1_06	0.821484	7429	(+)	CWNAWKWSATRYN	GTCTGTTGCATATT
M0013						
6	V\$OCT1_02	0.883324	7431	(-)	NNGAATATKCANNNN	CTGTTGCATATTAAA
M0013					NNNNNNNWATGCAAATNNNW	TGTT-
8	V\$OCT1_04	0.823714	7432	(+)	NNW	GCATATTAATAATCAATCTT
M0016						
2	V\$OCT1_06	0.839844	7437	(-)	CWNAWKWSATRYN	CATATTAATAATCAA
M0013					NNNNNNNWATGCAAATNNNW	ATCAATCTTTTAAA-
8	V\$OCT1_04	0.79151	7446	(-)	NNW	TATGTCCTT
M0016						
2	V\$OCT1_06	0.877734	7450	(+)	CWNAWKWSATRYN	ATCTTTTAAATATG
M0016						
2	V\$OCT1_06	0.804297	7450	(-)	CWNAWKWSATRYN	ATCTTTTAAATATG
M0016						
2	V\$OCT1_06	0.812109	7458	(-)	CWNAWKWSATRYN	AATATGTCCTTGGG
M0013					NNNNNNNWATGCAAATNNNW	AAAAATTA-
8	V\$OCT1_04	0.785027	7475	(-)	NNW	TATCCACATGCAAAT
M0016						
2	V\$OCT1_06	0.819922	7475	(+)	CWNAWKWSATRYN	AAAAATTATATCCA
M0013						
6	V\$OCT1_02	0.776394	7478	(+)	NNGAATATKCANNNN	AATTATATCCACATG
M0013					NNNNNNNWATGCAAATNNNW	ATATCCACATGCAAA-
8	V\$OCT1_04	0.898787	7482	(+)	NNW	TATAAACA
M0013						
5	V\$OCT1_01	0.890309	7484	(+)	NNNNWTATGCAAATNTNNN	ATCCACATGCAAATATAAA
M0013						
6	V\$OCT1_02	0.813481	7484	(+)	NNGAATATKCANNNN	ATCCACATGCAAATA
M0019						
5	V\$OCT1_Q6	0.80595	7486	(+)	NNNNATGCAAATNAN	CCACATGCAAATATA
M0016						
2	V\$OCT1_06	0.876172	7487	(-)	CWNAWKWSATRYN	CACATGCAAATATA

M0013	6	V\$OCT1_02	0.805089	7521	(+)	NNGAATATKCANNNN	AAGAAAACCTCAATAT
M0016	2	V\$OCT1_06	0.834375	7523	(-)	CWNAWTKWSATRYN	GAAAACCTCAATATT
M0016	2	V\$OCT1_06	0.821484	7531	(-)	CWNAWTKWSATRYN	AATATTTCAAAGCA
M0013	5	V\$OCT1_01	0.761923	7552	(+)	NNNNWTATGCAAATNTNNN	TTTAAAAAGCTAATGTAAT
M0016	2	V\$OCT1_06	0.847656	7560	(+)	CWNAWTKWSATRYN	GCTAATGTAATTTT
M0024	8	V\$OCT1_07	0.806233	7560	(+)	TNTATGNTAATT	GCTAATGTAATT
M0016	2	V\$OCT1_06	0.807031	7561	(-)	CWNAWTKWSATRYN	CTAATGTAATTTTA
M0016	2	V\$OCT1_06	0.805859	7566	(+)	CWNAWTKWSATRYN	GTAATTTTAGTTCC
M0013	8	V\$OCT1_04	0.821205	7592	(+)	NNNNNNNNWATGCAAATNNNW NNW	GTTGTTA- TATTTTAATGTTTCCA
M0013	8	V\$OCT1_04	0.849017	7593	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTGTTA- TATTTTAATGTTTCCAA
M0013	5	V\$OCT1_01	0.745135	7594	(+)	NNNNWTATGCAAATNTNNN	TGTTATATTTTAATGTTTC
M0016	2	V\$OCT1_06	0.88125	7597	(+)	CWNAWTKWSATRYN	TATATTTTAATGTT
M0016	2	V\$OCT1_06	0.847656	7597	(-)	CWNAWTKWSATRYN	TATATTTTAATGTT
M0024	8	V\$OCT1_07	0.831673	7597	(+)	TNTATGNTAATT	TATATTTTAATG
M0016	2	V\$OCT1_06	0.81875	7607	(-)	CWNAWTKWSATRYN	TGTTTCCAAGTTAT
M0013	7	V\$OCT1_03	0.856974	7625	(+)	NNNRTAATNANNN	AGCATAAAAAGGG
M0016	2	V\$OCT1_06	0.868359	7645	(-)	CWNAWTKWSATRYN	TGTATGTGAGAATG
M0013	6	V\$OCT1_02	0.799404	7653	(-)	NNGAATATKCANNNN	AGAATGAATGCTCAG
M0016	2	V\$OCT1_06	0.800781	7665	(+)	CWNAWTKWSATRYN	CAGCCTGGGGTTCT
M0013	7	V\$OCT1_03	0.874753	7715	(-)	NNNRTAATNANNN	TCATTTTTATCAC
M0013	8	V\$OCT1_04	0.806985	7718	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTTTATCACAAAAATTCAT- ACA
M0016	2	V\$OCT1_06	0.831641	7720	(-)	CWNAWTKWSATRYN	TTTATCACAAAAAT
M0013	8	V\$OCT1_04	0.79151	7724	(+)	NNNNNNNNWATGCAAATNNNW NNW	TCACAAAAATTCATA- CACATTTT
M0013	6	V\$OCT1_02	0.833785	7726	(+)	NNGAATATKCANNNN	ACAAAAATTCATACA
M0016	2	V\$OCT1_06	0.894141	7727	(+)	CWNAWTKWSATRYN	CAAAAAATTCATACA
M0013	8	V\$OCT1_04	0.780845	7736	(-)	NNNNNNNNWATGCAAATNNNW NNW	ATACACATTTTACATTCTAG- TCA
M0016	2	V\$OCT1_06	0.842187	7740	(+)	CWNAWTKWSATRYN	ACATTTTACATTCT
M0024	8	V\$OCT1_07	0.797965	7742	(-)	TNTATGNTAATT	ATTTTACATTCT
M0013	8	V\$OCT1_04	0.796738	7769	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGTGTTTGTTTTAA- TAAAAAATT
M0013	8	V\$OCT1_04	0.7844	7774	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTGTTTTAATAAAAAATT- GTTTT
M0013	7	V\$OCT1_03	0.84196	7776	(+)	NNNRTAATNANNN	GTTTTAATAAAAA
M0013	8	V\$OCT1_04	0.78189	7831	(-)	NNNNNNNNWATGCAAATNNNW NNW	CAACATATTTTAAATGAAATT GA
M0016	2	V\$OCT1_06	0.834375	7835	(+)	CWNAWTKWSATRYN	ATATTTTAAATGAA

M0019						
5	V\$OCT1_Q6	0.790393	7840	(+)	NNNNATGCAAATNAN	TTAAATGAAATTGAC
M0016						
2	V\$OCT1_06	0.924609	7841	(-)	CWNAWKWSATRYN	TAAATGAAATTGAC
M0016						
2	V\$OCT1_06	0.855078	7846	(+)	CWNAWKWSATRYN	GAAATTGACAGACC
M0013						
6	V\$OCT1_02	0.775311	7863	(-)	NNGAATATKCANNNN	AAAGTACATAGTATT
M0024						
8	V\$OCT1_07	0.800297	7885	(+)	TNTATGNTAATT	TATATACTACTT
M0016						
2	V\$OCT1_06	0.852734	7894	(+)	CWNAWKWSATRYN	CTGTGTTTAATTCT
M0013						
5	V\$OCT1_01	0.769172	7925	(+)	NNNNWTATGCAAATNTNNN	CCCGGTATGAAAGTGTTGGG
M0016						
2	V\$OCT1_06	0.937891	7928	(-)	CWNAWKWSATRYN	GGTATGAAAGTGTG
M0016						
2	V\$OCT1_06	0.821484	7957	(+)	CWNAWKWSATRYN	CACTTTTAAAATCA
M0016						
2	V\$OCT1_06	0.890625	7964	(-)	CWNAWKWSATRYN	AAAATCACAGGATC
M0016						
1	V\$OCT1_05	0.864851	7985	(+)	MKNATTTGCATAYY	CTGATTTTCTTTTT
M0016						
2	V\$OCT1_06	0.852734	7985	(+)	CWNAWKWSATRYN	CTGATTTTCTTTTT
M0019						
5	V\$OCT1_Q6	0.849618	7985	(-)	NNNNATGCAAATNAN	CTGATTTTCTTTTTT
M0016						
2	V\$OCT1_06	0.812109	8036	(-)	CWNAWKWSATRYN	GGTAAATCATTTTG
M0016						
1	V\$OCT1_05	0.853561	8041	(+)	MKNATTTGCATAYY	ATCATTTTGATGTC
M0016						
2	V\$OCT1_06	0.916797	8041	(+)	CWNAWKWSATRYN	ATCATTTTGATGTC
M0013					NNNNNNNWATGCAAATNNNW	TCATTTT-
8	V\$OCT1_04	0.822041	8042	(+)	NNW	GATGTCAATTCATTAT
M0024						
8	V\$OCT1_07	0.800933	8047	(+)	TNTATGNTAATT	TTGATGTCAATT
M0013						
7	V\$OCT1_03	0.920585	8055	(-)	NNNRTAATNANNN	AATTCATTATCCC
M0013						
5	V\$OCT1_01	0.751049	8057	(+)	NNNNWTATGCAAATNTNNN	TTCATTATCCCAATCAGAA
M0019						
5	V\$OCT1_Q6	0.803766	8059	(+)	NNNNATGCAAATNAN	CATTATCCCAATCAG
M0016						
2	V\$OCT1_06	0.858203	8060	(-)	CWNAWKWSATRYN	ATTATCCCAATCAG
M0013						
7	V\$OCT1_03	0.850257	8063	(+)	NNNRTAATNANNN	ATCCCAATCAGAA
M0013					NNNNNNNWATGCAAATNNNW	ATCAGAAAATGTTTATGAAA
8	V\$OCT1_04	0.788164	8069	(+)	NNW	GCT
M0013						
7	V\$OCT1_03	0.891347	8075	(-)	NNNRTAATNANNN	AAATGTTTATGAA
M0013					NNNNNNNWATGCAAATNNNW	AAATGTTTATGAAA-
8	V\$OCT1_04	0.809494	8075	(+)	NNW	GCTTATTGT
M0013					NNNNNNNWATGCAAATNNNW	CCATGAAGTTTACATATCC-
8	V\$OCT1_04	0.780217	8099	(-)	NNW	TACA
M0013						
5	V\$OCT1_01	0.807325	8101	(-)	NNNNWTATGCAAATNTNNN	ATGAAGTTTACATATCCTA
M0016						
2	V\$OCT1_06	0.862891	8103	(+)	CWNAWKWSATRYN	GAAGTTTACATATC
M0019						
5	V\$OCT1_Q6	0.794487	8103	(-)	NNNNATGCAAATNAN	GAAGTTTACATATCC
M0013						
6	V\$OCT1_02	0.800758	8105	(-)	NNGAATATKCANNNN	AGTTTACATATCCTA
M0024						
8	V\$OCT1_07	0.833369	8105	(-)	TNTATGNTAATT	AGTTTACATATC
M0013						
7	V\$OCT1_03	0.849467	8124	(-)	NNNRTAATNANNN	GTCTGATTGCACA

M0013						
5	V\$OCT1_01	0.764403	8137	(-)	NNNNWTATGCAAATNTNNN	AGGCACTTTGTATACAGCA
M0019						
5	V\$OCT1_Q6	0.829967	8139	(-)	NNNNATGCAAATNAN	GCACTTTGTATACAG
M0013						
7	V\$OCT1_03	0.850257	8159	(-)	NNNRTAATNANNN	TCCTCATTTTGAC
M0016						
2	V\$OCT1_06	0.857812	8161	(+)	CWNAWKWSATRYN	CTCATTTTGACACA
M0016						
2	V\$OCT1_06	0.867969	8163	(+)	CWNAWKWSATRYN	CATTTTGACACACA
M0013					NNNNNNNWATGCAAATNNNW	TGACACACATGGA-
8	V\$OCT1_04	0.799875	8168	(+)	NNW	TATCAACCCA
M0016						
2	V\$OCT1_06	0.826953	8171	(+)	CWNAWKWSATRYN	CACACATGGATATC
M0013						
6	V\$OCT1_02	0.791554	8173	(-)	NNGAATATKCANNNN	CACATGGATATCAAC
M0013					NNNNNNNWATGCAAATNNNW	ACAGATGTATGAAAACAAA-
8	V\$OCT1_04	0.81995	8191	(+)	NNW	TATT
M0016						
2	V\$OCT1_06	0.803906	8196	(-)	CWNAWKWSATRYN	TGTATGAAAACAAA
M0016						
2	V\$OCT1_06	0.808203	8201	(-)	CWNAWKWSATRYN	GAAAACAAATATTT
M0016						
2	V\$OCT1_06	0.808203	8210	(-)	CWNAWKWSATRYN	TATTTGTCAGAGAC
M0013						
7	V\$OCT1_03	0.858949	8222	(-)	NNNRTAATNANNN	ACAAAATTACAGA
M0016						
2	V\$OCT1_06	0.825	8223	(+)	CWNAWKWSATRYN	CAAAATTACAGAAT
M0016						
2	V\$OCT1_06	0.877734	8224	(-)	CWNAWKWSATRYN	AAAATTACAGAATT
M0016						
2	V\$OCT1_06	0.826562	8264	(+)	CWNAWKWSATRYN	CTATCTGTGCTGCC
M0013					NNNNNNNWATGCAAATNNNW	
8	V\$OCT1_04	0.851736	8281	(-)	NNW	ACATTTTTTTTCTCTAATTTTTT
M0013						
5	V\$OCT1_01	0.731591	8285	(+)	NNNNWTATGCAAATNTNNN	TTTTTTTCTCTAATTTTTT
M0024						
8	V\$OCT1_07	0.800297	8288	(+)	TNTATGNTAATT	TTTTTCTCTAATT
M0013						
7	V\$OCT1_03	0.845121	8291	(+)	NNNRTAATNANNN	TTCCTAATTTTTT
M0016						
2	V\$OCT1_06	0.878906	8313	(+)	CWNAWKWSATRYN	CAGATTTTGATAGA
M0013					NNNNNNNWATGCAAATNNNW	ACTAAATCTT-
8	V\$OCT1_04	0.788791	8327	(-)	NNW	GTCATTAAAAAATT
M0016						
2	V\$OCT1_06	0.834375	8331	(+)	CWNAWKWSATRYN	AATCTTGTCATTAA
M0013						
7	V\$OCT1_03	0.879099	8335	(-)	NNNRTAATNANNN	TTGTCATTAAAAA
M0016						
2	V\$OCT1_06	0.896094	8344	(-)	CWNAWKWSATRYN	AAAATTACAGTAAT
M0024						
8	V\$OCT1_07	0.815137	8346	(-)	TNTATGNTAATT	AATTACAGTAAT
M0013					NNNNNNNWATGCAAATNNNW	TTACAGTAATGGC-
8	V\$OCT1_04	0.791928	8348	(+)	NNW	TATGTTTCTA
M0016						
2	V\$OCT1_06	0.826562	8378	(-)	CWNAWKWSATRYN	GATATCAACATGTT
M0013						
7	V\$OCT1_03	0.86369	8420	(+)	NNNRTAATNANNN	AGGCTAATCAGAC
M0016						
2	V\$OCT1_06	0.821875	8430	(+)	CWNAWKWSATRYN	GACACTGGAATCCT
M0016						
2	V\$OCT1_06	0.805859	8499	(+)	CWNAWKWSATRYN	CTTCCTTTAACTTT
M0016						
2	V\$OCT1_06	0.911719	8518	(+)	CWNAWKWSATRYN	AAGACTTTCATTCA
M0013					NNNNNNNWATGCAAATNNNW	AGACTTTCATTCAAGTTACAA
8	V\$OCT1_04	0.787537	8519	(+)	NNW	AA

M0016						
2	V\$OCT1_06	0.826953	8524	(-)	CWNAWKWSATRYN	TTCATTCAAGTTAC
M0013					NNNNNNNNWATGCAAATNNNW	TCATTCAAGTTACAAAA-
8	V\$OCT1_04	0.782518	8525	(-)	NNW	TAAAAAC
M0024						
8	V\$OCT1_07	0.800933	8566	(+)	TNTATGNTAATT	TTTCTGGGAATT
M0013						
6	V\$OCT1_02	0.8817	8583	(-)	NNGAATATKCANNNN	AAAGTGAATATTTC
M0013						
6	V\$OCT1_02	0.800487	8586	(+)	NNGAATATKCANNNN	GTGAATATTTCACAT
M0016						
2	V\$OCT1_06	0.828906	8588	(+)	CWNAWKWSATRYN	GAATATTTCACATC
M0016						
2	V\$OCT1_06	0.821484	8589	(-)	CWNAWKWSATRYN	AATATTTCACATCC
M0013						
6	V\$OCT1_02	0.773146	8612	(-)	NNGAATATKCANNNN	ATTCTGAATAACTTC
M0016						
2	V\$OCT1_06	0.857812	8663	(+)	CWNAWKWSATRYN	GAGTATAACATGCA
M0016						
2	V\$OCT1_06	0.834375	8664	(-)	CWNAWKWSATRYN	AGTATAACATGCAC
M0013						
6	V\$OCT1_02	0.791554	8666	(+)	NNGAATATKCANNNN	TATAACATGCACCTC
M0016						
2	V\$OCT1_06	0.855078	8675	(-)	CWNAWKWSATRYN	CACCTCAAATTATT
M0013						
7	V\$OCT1_03	0.841169	8678	(-)	NNNRTAATNANNN	CTCAAATTATTCA
M0013						
6	V\$OCT1_02	0.83595	8680	(+)	NNGAATATKCANNNN	CAAATTATTCATCTT
M0016						
2	V\$OCT1_06	0.828906	8729	(+)	CWNAWKWSATRYN	GTTTATTACAGTTA
M0016						
2	V\$OCT1_06	0.858203	8730	(-)	CWNAWKWSATRYN	TTTATTACAGTTAG
M0013						
7	V\$OCT1_03	0.86448	8760	(+)	NNNRTAATNANNN	TGGTTAATTAGTA
M0019						
5	V\$OCT1_Q6	0.814138	8763	(-)	NNNNATGCAAATNAN	TTAATTAGTATTCTT
M0024						
8	V\$OCT1_07	0.829765	8765	(-)	TNTATGNTAATT	AATTAGTATTCT
M0013						
6	V\$OCT1_02	0.797239	8766	(+)	NNGAATATKCANNNN	ATTAGTATTCTTACC
M0016						
2	V\$OCT1_06	0.842187	8776	(+)	CWNAWKWSATRYN	TTACCTGAAATGTA
M0013					NNNNNNNNWATGCAAATNNNW	TACCTGAAATGTAAATTAA-
8	V\$OCT1_04	0.844207	8777	(+)	NNW	TAAA
M0013						
5	V\$OCT1_01	0.758871	8779	(+)	NNNNWTATGCAAATNTNNN	CCTGAAATGTAAATTAATA
M0019						
5	V\$OCT1_Q6	0.85262	8781	(+)	NNNNATGCAAATNAN	TGAAATGTAAATTAA
M0016						
2	V\$OCT1_06	0.868359	8782	(-)	CWNAWKWSATRYN	GAAATGTAAATTAA
M0024						
8	V\$OCT1_07	0.877252	8782	(+)	TNTATGNTAATT	GAAATGTAAATT
M0013					NNNNNNNNWATGCAAATNNNW	AAATGTAAATTAA-
8	V\$OCT1_04	0.81995	8783	(+)	NNW	TAAATCAAAA
M0016						
2	V\$OCT1_06	0.800391	8788	(-)	CWNAWKWSATRYN	TAAATTAATAAAATC
M0013					NNNNNNNNWATGCAAATNNNW	ATTAA-
8	V\$OCT1_04	0.790464	8791	(+)	NNW	TAAATCAAAAAACTAACA
M0016						
2	V\$OCT1_06	0.882812	8796	(-)	CWNAWKWSATRYN	TAAATCAAAAAACT
M0024						
8	V\$OCT1_07	0.808141	8806	(-)	TNTATGNTAATT	AACTAACATGGC
M0016						
2	V\$OCT1_06	0.870703	8809	(+)	CWNAWKWSATRYN	TAACATGGCATGTT
M0016						
2	V\$OCT1_06	0.870703	8810	(-)	CWNAWKWSATRYN	AACATGGCATGTTT

M0016	2	V\$OCT1_06	0.88125	8817	(+)	CWNAWTKWSATRYN	CATGTTTTAATGTT
M0016	2	V\$OCT1_06	0.826562	8827	(-)	CWNAWTKWSATRYN	TGTTTTTAAGGAAG
M0013	7	V\$OCT1_03	0.886606	8866	(-)	NNNRTAATNANNN	ATATATTTACCAA
M0013	8	V\$OCT1_04	0.79381	8871	(+)	NNNNNNNNWATGCAAATNNNW	TTTAC-
M0013	8	V\$OCT1_04	0.7844	8873	(-)	NNNNNNNNWATGCAAATNNNW	CAAATTTAAAAATATATTA
M0013	5	V\$OCT1_01	0.731782	8875	(-)	NNNNWTATGCAAATNTNNN	TAC-
M0016	2	V\$OCT1_06	0.877734	8876	(-)	CWNAWTKWSATRYN	CAAATTTAAAAATATATTAGC
M0016	2	V\$OCT1_06	0.834375	8877	(+)	CWNAWTKWSATRYN	CCAAATTTAAAAATATATTA
M0024	8	V\$OCT1_07	0.831673	8879	(-)	TNTATGNTAATT	CAAATTTAAAAATAT
M0013	8	V\$OCT1_04	0.843998	8883	(-)	NNNNNNNNWATGCAAATNNNW	AAATTTAAAAATATA
M0013	5	V\$OCT1_01	0.856925	8885	(-)	NNNNWTATGCAAATNTNNN	ATTTAAAAATATA
M0024	8	V\$OCT1_07	0.823829	8889	(-)	TNTATGNTAATT	AAAATATATTAG-
M0013	7	V\$OCT1_03	0.845121	8891	(-)	NNNRTAATNANNN	CATTATCCAGG
M0013	6	V\$OCT1_02	0.777748	8893	(+)	NNGAATATKCANNNN	AATATATTAGCATTATCCA
M0013	8	V\$OCT1_04	0.780845	8900	(+)	NNNNNNNNWATGCAAATNNNW	TATTAGCATTAT
M0013	5	V\$OCT1_01	0.793209	8902	(+)	NNNNWTATGCAAATNTNNN	TTAGCATTATCCA
M0013	8	V\$OCT1_04	0.786909	8902	(+)	NNNNNNNNWATGCAAATNNNW	AGCATTATCCAGGAT
M0016	2	V\$OCT1_06	0.842187	8905	(-)	CWNAWTKWSATRYN	TCCAGGA-
M0013	8	V\$OCT1_04	0.815767	8909	(-)	NNNNNNNNWATGCAAATNNNW	TATGTTAAAAATTTAAT
M0013	6	V\$OCT1_02	0.770709	8910	(+)	NNGAATATKCANNNN	CAGGATATGTAAAAATTTA
M0016	2	V\$OCT1_06	0.868359	8913	(-)	CWNAWTKWSATRYN	CAGGA-
M0024	8	V\$OCT1_07	0.807717	8915	(-)	TNTATGNTAATT	TATGTTAAAAATTTAATTA
M0013	7	V\$OCT1_03	0.846701	8916	(-)	NNNRTAATNANNN	GATATGTTAAAAATT
M0013	8	V\$OCT1_04	0.80092	8940	(-)	NNNNNNNNWATGCAAATNNNW	TGTTAAAAATTTAATTAAACAA
M0013	5	V\$OCT1_01	0.735979	8942	(-)	NNNNWTATGCAAATNTNNN	TT
M0016	2	V\$OCT1_06	0.876172	8952	(+)	CWNAWTKWSATRYN	GTAAAAATTTAATTA
M0016	2	V\$OCT1_06	0.842187	8953	(-)	CWNAWTKWSATRYN	AAAATTTAATTAAA
M0013	6	V\$OCT1_02	0.773687	8970	(+)	NNGAATATKCANNNN	AATTTAATTAAA
M0013	8	V\$OCT1_04	0.791301	8995	(-)	NNNNNNNNWATGCAAATNNNW	ATTTAATTAAACA
M0013	8	V\$OCT1_04	0.833333	8999	(+)	NNNNNNNNWATGCAAATNNNW	TTTTTTTTTTAG-
M0013	7	V\$OCT1_03	0.852232	9002	(-)	NNNRTAATNANNN	CAGAAGGACAT
M0016	2	V\$OCT1_06	0.826562	9004	(-)	CWNAWTKWSATRYN	TTTTTTTTAGCAGAAGGAC
M0013	8	V\$OCT1_04	0.787746	9015	(+)	NNNW	CAGAAGGACATTCT
							AGAAGGACATTCTC
							GAAGATATGCCCTCC
							TGG-
							TAAAAATTTTATTTAAAGTTT
							AAAATTTTATTTAAAGTTTAT
							CA
							ATTTTATTTAAAG
							TTTATTTAAAGTTT
							TTATCAAAGGCAAAGGTAA
							CAA

M0013	7	V\$OCT1_03	0.840379	9028	(+)	NNNRTAATNANNN	AAGGTAACAAGGA
M0019	5	V\$OCT1_Q6	0.818504	9037	(+)	NNNNATGCAAATNAN	AGGAATGAGAAGAAC
M0016	2	V\$OCT1_06	0.813672	9038	(-)	CWNAWTKWSATRYN	GGAATGAGAAGAAC
M0013	8	V\$OCT1_04	0.820577	9088	(+)	NNNNNNNNWATGCAAATNNNW	AAACATTAATTCATAGTAAGT
M0016	2	V\$OCT1_06	0.821094	9117	(+)	NNW	AA
M0016	2	V\$OCT1_06	0.81875	9162	(+)	CWNAWTKWSATRYN	AGACTCTAGATGTT
M0016	2	V\$OCT1_06	0.890625	9169	(-)	CWNAWTKWSATRYN	CTTTTTTAAATCT
M0016	2	V\$OCT1_06	0.864844	9177	(+)	CWNAWTKWSATRYN	TAAATCTCAGGTAT
M0016	2	V\$OCT1_06	0.911719	9178	(-)	CWNAWTKWSATRYN	AGGTATTTAATTCA
M0016	2	V\$OCT1_06	0.841797	9181	(+)	CWNAWTKWSATRYN	GGTATTTAATTCAT
M0016	2	V\$OCT1_06	0.868359	9189	(+)	CWNAWTKWSATRYN	ATTTAATTCATGCT
M0013	8	V\$OCT1_04	0.814931	9190	(+)	NNNNNNNNWATGCAAATNNNW	CATGCTTTTCATTTA
M0013	8	V\$OCT1_04	0.798202	9191	(-)	NNW	ATGCTTTTCATTTAAA-
M0013	5	V\$OCT1_01	0.763449	9193	(-)	NNNNNNNNWATGCAAATNNNW	TATTGTGT
M0016	2	V\$OCT1_06	0.860547	9195	(+)	NNNNNNNNWATGCAAATNNNW	TGCTTTTCATTTAAA-
M0016	2	V\$OCT1_06	0.868359	9195	(-)	NNW	TATTGTGTT
M0019	5	V\$OCT1_Q6	0.792031	9195	(-)	NNNNWTATGCAAATNTNNN	CTTTCATTTAAATATTGTG
M0013	6	V\$OCT1_02	0.804548	9197	(-)	CWNAWTKWSATRYN	TTCATTTAAATATT
M0016	2	V\$OCT1_06	0.839453	9203	(+)	CWNAWTKWSATRYN	TTCATTTAAATATT
M0016	2	V\$OCT1_06	0.808594	9244	(-)	CWNAWTKWSATRYN	TTCATTTAAATATT
M0013	8	V\$OCT1_04	0.780217	9347	(-)	NNNNNNNNWATGCAAATNNNW	TTCAATTTAAATATTG
M0016	2	V\$OCT1_06	0.826953	9351	(+)	NNGAATATKCANNNN	CATTTAAATATTGTG
M0016	2	V\$OCT1_06	0.839844	9357	(-)	CWNAWTKWSATRYN	AATATTGTGTTTTA
M0013	8	V\$OCT1_04	0.820577	9360	(+)	CWNAWTKWSATRYN	GGTATTTAAAGGGT
M0016	2	V\$OCT1_06	0.88125	9365	(-)	NNNNNNNNWATGCAAATNNNW	GCC-
M0024	8	V\$OCT1_07	0.834429	9367	(-)	NNW	TATAACTTAAATTATAAAAT
M0013	8	V\$OCT1_04	0.823505	9369	(-)	CWNAWTKWSATRYN	ATAACTTAAATTAT
M0013	8	V\$OCT1_04	0.793392	9371	(+)	CWNAWTKWSATRYN	TAAATTATAAAATG
M0013	7	V\$OCT1_03	0.88305	9373	(+)	NNNNNNNNWATGCAAATNNNW	ATTATAAAATGACAA-
M0013	8	V\$OCT1_04	0.883103	9374	(+)	NNW	TATAATAA
M0013	7	V\$OCT1_03	0.868036	9376	(+)	CWNAWTKWSATRYN	AAAATGACAATATA
M0013	6	V\$OCT1_02	0.818896	9379	(-)	TNTATGNTAATT	AATGACAATATA
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNNNNNNNWATGCAAATNNNW	TGACAATATAATAATAAA-
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNW	TATTA
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNNNNNNNWATGCAAATNNNW	ACAATATAATAATAAA-
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNW	TATTA
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNNRTAATNANNN	AATATAATAATAA
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNNNNNNNWATGCAAATNNNW	ATATAATAATAAA-
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNW	TATTAAATGA
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNNRTAATNANNN	ATAATAATAAATA
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNGAATATKCANNNN	ATAATAAATATTAAA
M0013	6	V\$OCT1_02	0.792907	9382	(+)	NNGAATATKCANNNN	ATAAATATTAAATGA

M0016	2	V\$OCT1_06	0.85	9384	(+)	CWNAWTKWSATRYN	AAATATTAAATGAT
M0016	2	V\$OCT1_06	0.9375	9385	(-)	CWNAWTKWSATRYN	AATATTAAATGATG
M0013	8	V\$OCT1_04	0.819741	9388	(+)	NNNNNNNNWATGCAAATNNNW	ATTAAATGATGTAAA-GCAATTAA
M0019	5	V\$OCT1_Q6	0.818777	9392	(+)	NNNNATGCAAATNAN	AATGATGTAAAGCAA
M0016	2	V\$OCT1_06	0.816016	9401	(+)	CWNAWTKWSATRYN	AAGCAATTAATGCA
M0019	5	V\$OCT1_Q6	0.796124	9406	(+)	NNNNATGCAAATNAN	ATTAATGCAATCCAT
M0016	2	V\$OCT1_06	0.81875	9452	(-)	CWNAWTKWSATRYN	AGTATCAGAAACAT
M0016	2	V\$OCT1_06	0.852734	9482	(+)	CWNAWTKWSATRYN	CTTCATCTAATATT
M0016	2	V\$OCT1_06	0.862891	9483	(-)	CWNAWTKWSATRYN	TTCATCTAATATTTC
M0013	6	V\$OCT1_02	0.77098	9484	(-)	NNGAATATKCANNNN	TCATCTAATATTCTG
M0013	5	V\$OCT1_01	0.768409	9487	(+)	NNNNWTATGCAAATNTNNN	TCTAATATTCTGATTCAA
M0013	6	V\$OCT1_02	0.811857	9487	(+)	NNGAATATKCANNNN	TCTAATATTCTGATT
M0016	2	V\$OCT1_06	0.839844	9490	(+)	CWNAWTKWSATRYN	AATATTCTGATTTC
M0024	8	V\$OCT1_07	0.819165	9490	(+)	TNTATGNTAATT	AATATTCTGATT
M0013	8	V\$OCT1_04	0.794437	9492	(-)	NNNNNNNNWATGCAAATNNNW	TATTCTGATTTC AATT-GGCCAAA
M0016	2	V\$OCT1_06	0.825391	9511	(+)	CWNAWTKWSATRYN	CAAAGTTAAATCCT
M0016	2	V\$OCT1_06	0.821484	9543	(-)	CWNAWTKWSATRYN	CATCTTCAATTTTC
M0013	6	V\$OCT1_02	0.772875	9544	(-)	NNGAATATKCANNNN	ATCTTCAATTTTCTT
M0016	2	V\$OCT1_06	0.808594	9568	(+)	CWNAWTKWSATRYN	GACACTGAAACACC
M0013	5	V\$OCT1_01	0.754292	9578	(+)	NNNNWTATGCAAATNTNNN	CACCATAAGTAAAATTGCC
M0016	2	V\$OCT1_06	0.855078	9581	(-)	CWNAWTKWSATRYN	CATAAGTAAAATTG
M0013	6	V\$OCT1_02	0.87033	9593	(-)	NNGAATATKCANNNN	TGCCTGAATATCATT
M0016	2	V\$OCT1_06	0.868359	9597	(-)	CWNAWTKWSATRYN	TGAATATCATT AAT
M0013	7	V\$OCT1_03	0.876729	9600	(-)	NNNR TAATNANNN	ATATCATT AATAT
M0016	2	V\$OCT1_06	0.826953	9618	(+)	CWNAWTKWSATRYN	TTCACTGTAATTTA
M0013	8	V\$OCT1_04	0.786282	9625	(-)	NNNNNNNNWATGCAAATNNNW	TAATTTATTTTAAGTTAACAGTA
M0024	8	V\$OCT1_07	0.831673	9628	(+)	TNTATGNTAATT	TTTATTTTAAGT
M0013	8	V\$OCT1_04	0.794019	9656	(+)	NNNNNNNNWATGCAAATNNNW	AAGTGT TTTT TTAATTTT TAA
M0013	8	V\$OCT1_04	0.825387	9657	(-)	NNNNNNNNWATGCAAATNNNW	AG-TGTTTTTTT AATTTT TAAAA
M0016	2	V\$OCT1_06	0.826562	9661	(+)	CWNAWTKWSATRYN	TTTTTTT AATTTT
M0024	8	V\$OCT1_07	0.831673	9661	(+)	TNTATGNTAATT	TTTTTTT AATT
M0013	8	V\$OCT1_04	0.800084	9662	(+)	NNNNNNNNWATGCAAATNNNW	TTTTTTT AATTTT TAAAAA-TAA
M0013	8	V\$OCT1_04	0.784818	9663	(-)	NNNNNNNNWATGCAAATNNNW	TTTTTTAATTTT TAAAAA-TAAT

M0013					NNNNNNNWATGCAAATNNNW	TTTTAATTTTAAAAAA-
8	V\$OCT1_04	0.80573	9664	(-)	NNW	TAATT
M0013					NNNNNNNWATGCAAATNNNW	TTTTAATTTTAAAAAA-
8	V\$OCT1_04	0.797156	9665	(+)	NNW	TAATTA
M0013					NNNNNNNWATGCAAATNNNW	TTTTAATTTTAAAAAA-
8	V\$OCT1_04	0.805939	9665	(-)	NNW	TAATTA
M0016						
2	V\$OCT1_06	0.813281	9669	(-)	CWNAWKWSATRYN	AATTTTAAAAAAT
M0013						
7	V\$OCT1_03	0.899249	9678	(+)	NNNRTAATNANNN	AAAATAATTAGAT
M0013						
7	V\$OCT1_03	0.845516	9679	(-)	NNNRTAATNANNN	AAATAATTAGATT
M0016						
2	V\$OCT1_06	0.855469	9680	(+)	CWNAWKWSATRYN	AATAATTAGATTAG
M0024						
8	V\$OCT1_07	0.824041	9683	(-)	TNTATGNTAATT	AATTAGATTAGT
M0024						
8	V\$OCT1_07	0.795209	9713	(-)	TNTATGNTAATT	AAATAACATCAA
M0016						
2	V\$OCT1_06	0.942969	9717	(-)	CWNAWKWSATRYN	AACATCAAAGTGAG
M0016						
2	V\$OCT1_06	0.817578	9722	(+)	CWNAWKWSATRYN	CAAAGTGAGATTAA
M0013						
7	V\$OCT1_03	0.860529	9782	(-)	NNNRTAATNANNN	GCTTTATTACTTG
M0013						
6	V\$OCT1_02	0.790471	9789	(-)	NNGAATATKCANNNN	TACTTGAAAAATGCTG
M0016						
2	V\$OCT1_06	0.834375	9789	(-)	CWNAWKWSATRYN	TACTTGAAAAATGCT
M0013						
6	V\$OCT1_02	0.789117	9792	(+)	NNGAATATKCANNNN	TTGAAAAATGCTGGGA
M0016						
2	V\$OCT1_06	0.800781	9803	(+)	CWNAWKWSATRYN	GGGATTGGACTGCA
M0016						
2	V\$OCT1_06	0.834375	9818	(-)	CWNAWKWSATRYN	GGTATCTAAGCAAC
M0016						
2	V\$OCT1_06	0.800391	9837	(+)	CWNAWKWSATRYN	ATATTTTCTTTTC
M0016						
2	V\$OCT1_06	0.834375	9861	(-)	CWNAWKWSATRYN	AGCTTCACAGACTG
M0019						
5	V\$OCT1_Q6	0.820961	9876	(+)	NNNNATGCAAATNAN	ACAAATACAAACTAC
M0016						
2	V\$OCT1_06	0.826562	9893	(+)	CWNAWKWSATRYN	CAGCTGGTAATATT
M0013						
7	V\$OCT1_03	0.873568	9896	(+)	NNNRTAATNANNN	CTGGTAATATTTT
M0013					NNNNNNNWATGCAAATNNNW	TGGTAATATTTTCATTATAA-
8	V\$OCT1_04	0.912798	9897	(-)	NNW	TAA
M0013						
5	V\$OCT1_01	0.785578	9899	(-)	NNNNWTATGCAAATNTNNN	GTAATATTTTCATTATAAT
M0016						
2	V\$OCT1_06	0.860547	9901	(+)	CWNAWKWSATRYN	AATATTTTCATTAT
M0024						
8	V\$OCT1_07	0.812381	9901	(+)	TNTATGNTAATT	AATATTTTCATT
M0013					NNNNNNNWATGCAAATNNNW	ATATTTTCATTATAA-
8	V\$OCT1_04	0.828733	9902	(+)	NNW	TAATACAA
M0013					NNNNNNNWATGCAAATNNNW	TATTTTCATTATAA-
8	V\$OCT1_04	0.82936	9903	(-)	NNW	TAATACAAA
M0013						
7	V\$OCT1_03	0.911102	9905	(-)	NNNRTAATNANNN	TTTTCATTATAAT
M0013					NNNNNNNWATGCAAATNNNW	TTTTCATTATAA-
8	V\$OCT1_04	0.790255	9905	(+)	NNW	TAATACAAAAT
M0013					NNNNNNNWATGCAAATNNNW	TTTCATTATAA-
8	V\$OCT1_04	0.783145	9906	(-)	NNW	TAATACAAAATT
M0013						
5	V\$OCT1_01	0.744945	9907	(+)	NNNNWTATGCAAATNTNNN	TTCATTATAATAATACAAA
M0013						
7	V\$OCT1_03	0.874358	9910	(+)	NNNRTAATNANNN	ATTATAATAATAC

M0013					NNNNNNNWATGCAAATNNNW	TTATAATAATACAAAATT-
8	V\$OCT1_04	0.854245	9911	(+)	NNW	GTATT
M0013					NNNNWTATGCAAATNTNNN	ATAATAATACAAAATTGTA
5	V\$OCT1_01	0.768791	9913	(+)		
M0016					CWNAWKWSATRYN	AATAATACAAAATT
2	V\$OCT1_06	0.813281	9915	(-)		
M0016					CWNAWKWSATRYN	CAAAATTGTATTCT
2	V\$OCT1_06	0.881641	9922	(+)	NNNNNNNWATGCAAATNNNW	AATTGTATTCTG-
M0013					NNW	CAGAATTAAAG
8	V\$OCT1_04	0.792765	9925	(-)	NNNNNNNWATGCAAATNNNW	ATTGTATTCTG-
M0013					NNW	CAGAATTAAAGT
8	V\$OCT1_04	0.829987	9926	(+)		
M0016					CWNAWKWSATRYN	AGAATTAAAGTAGT
2	V\$OCT1_06	0.826953	9938	(-)		
M0024					TNTATGNTAATT	AATTAAAGTAGT
8	V\$OCT1_07	0.817257	9940	(-)	NNNNNNNWATGCAAATNNNW	ATTAAAGTAG-
M0013					NNW	TTAAATTTTAAAT
8	V\$OCT1_04	0.818068	9941	(+)		
M0016					CWNAWKWSATRYN	AGTAGTTAAATTTT
2	V\$OCT1_06	0.834766	9946	(+)		
M0016					CWNAWKWSATRYN	AGTAGTTAAATTTT
2	V\$OCT1_06	0.847266	9946	(-)		
M0024					TNTATGNTAATT	AGTAGTTAAATT
8	V\$OCT1_07	0.793301	9946	(+)		
M0016					CWNAWKWSATRYN	AAATTTTAAATGGG
2	V\$OCT1_06	0.829297	9953	(+)	NNNNNNNWATGCAAATNNNW	GGTTTGCTTTTAAA-
M0013					NNW	TATGTTTTT
8	V\$OCT1_04	0.804266	9966	(-)		
M0016					CWNAWKWSATRYN	TGCTTTTAAATATG
2	V\$OCT1_06	0.808594	9970	(+)		
M0016					CWNAWKWSATRYN	TGCTTTTAAATATG
2	V\$OCT1_06	0.88125	9970	(-)	NNNNNNNWATGCAAATNNNW	CCTTGATCATGAATAA-
M0013					NNW	TAATTGG
8	V\$OCT1_04	0.828524	10010	(+)		
M0013					NNGAATATKCANNNN	ATCATGAATAATAAT
6	V\$OCT1_02	0.886844	10015	(-)		
M0013					NNNRTAATNANNN	TGAATAATAATTG
7	V\$OCT1_03	0.871987	10019	(+)		
M0013					NNGAATATKCANNNN	ATGCTCCATATGCTT
6	V\$OCT1_02	0.774499	10036	(-)		
M0013					NNNNWTATGCAAATNTNNN	CTCCATATGCTTCTCTATG
5	V\$OCT1_01	0.743037	10039	(+)		
M0013					NNGAATATKCANNNN	CTCCATATGCTTCTC
6	V\$OCT1_02	0.791012	10039	(+)		
M0013					NNGAATATKCANNNN	TTCTCTATGCACCTA
6	V\$OCT1_02	0.772604	10049	(+)		
M0013					NNNRTAATNANNN	TTCTATTTATGCT
7	V\$OCT1_03	0.877519	10081	(-)		
M0013					NNNNWTATGCAAATNTNNN	CTATTTATGCTGAGACTAA
5	V\$OCT1_01	0.746089	10083	(+)	NNNNNNNWATGCAAATNNNW	CTGTATCACATCCA-
M0013					NNW	TAATTACTA
8	V\$OCT1_04	0.785027	10106	(-)		
M0016					CWNAWKWSATRYN	TGTATCACATCCAT
2	V\$OCT1_06	0.847266	10107	(-)		
M0013					NNNRTAATNANNN	TCCATAATTACTA
7	V\$OCT1_03	0.896484	10116	(+)		
M0013					NNNRTAATNANNN	CCATAATTACTAT
7	V\$OCT1_03	0.894508	10117	(-)		
M0024					TNTATGNTAATT	AATTACTATCCA
8	V\$OCT1_07	0.803901	10121	(-)	NNNNNNNWATGCAAATNNNW	AAGTTTACTTTAACTAAATTC
M0013					NNW	TA
8	V\$OCT1_04	0.786491	10138	(-)		
M0016					CWNAWKWSATRYN	TACATCAAATCCTC
2	V\$OCT1_06	0.862891	10159	(-)	NNNNNNNWATGCAAATNNNW	ATATATTATTCAG-
M0013					NNW	GAATTTAT
8	V\$OCT1_04	0.792765	10190	(-)		

M0016						
2	V\$OCT1_06	0.842187	10190	(+)	CWNAWTKWSATRYN	ATATATTATATTCA
M0016						
2	V\$OCT1_06	0.866016	10191	(-)	CWNAWTKWSATRYN	TATATTATATTTCAG
M0013						
6	V\$OCT1_02	0.819166	10193	(+)	NNGAATATKCANNNN	TATTATATTTCAGGAA
M0013					NNNNNNNNWATGCAAATNNNW	TGCTTTTATTTCCCAAATTCA
8	V\$OCT1_04	0.786491	10220	(-)	NNW	C
M0013						
6	V\$OCT1_02	0.794532	10260	(+)	NNGAATATKCANNNN	ATAAAAAATGCTTGCT
M0013					NNNNNNNNWATGCAAATNNNW	GCACAGATATGCCAAA-
8	V\$OCT1_04	0.852363	10282	(+)	NNW	TAAACTT
M0013						
5	V\$OCT1_01	0.768791	10284	(+)	NNNNWTATGCAAATNTNNN	ACAGATATGCCAAATAAAC
M0013						
6	V\$OCT1_02	0.787223	10284	(+)	NNGAATATKCANNNN	ACAGATATGCCAAAT
M0019						
5	V\$OCT1_Q6	0.800491	10286	(+)	NNNNATGCAAATNAN	AGATATGCCAAATAA
M0016						
2	V\$OCT1_06	0.834375	10287	(-)	CWNAWTKWSATRYN	GATATGCCAAATAA
M0016						
2	V\$OCT1_06	0.842187	10299	(+)	CWNAWTKWSATRYN	AAACTTTCCATTTA
M0024						
8	V\$OCT1_07	0.815137	10301	(-)	TNTATGNTAATT	ACTTTCCATTTA
M0016						
2	V\$OCT1_06	0.808203	10346	(+)	CWNAWTKWSATRYN	GTCCTAGACATTCA
M0013					NNNNNNNNWATGCAAATNNNW	TCCTAGACATTCAAATT-
8	V\$OCT1_04	0.784191	10347	(+)	NNW	GCTTTT
M0013						
5	V\$OCT1_01	0.775849	10349	(+)	NNNNWTATGCAAATNTNNN	CTAGACATTCAAATTGCTT
M0019						
5	V\$OCT1_Q6	0.842522	10351	(+)	NNNNATGCAAATNAN	AGACATTCAAATTGC
M0016						
2	V\$OCT1_06	0.834766	10352	(-)	CWNAWTKWSATRYN	GACATTCAAATTGC
M0024						
8	V\$OCT1_07	0.825313	10352	(+)	TNTATGNTAATT	GACATTCAAATT
M0013						
6	V\$OCT1_02	0.785057	10370	(+)	NNGAATATKCANNNN	GTCAAAATTCTCTAA
M0016						
2	V\$OCT1_06	0.800781	10388	(-)	CWNAWTKWSATRYN	AGAATCAGAGAGTT
M0013						
6	V\$OCT1_02	0.773958	10397	(-)	NNGAATATKCANNNN	GAGTTGATTAATCTT
M0016						
2	V\$OCT1_06	0.829297	10432	(+)	CWNAWTKWSATRYN	ATGTATGAAATGGA
M0013					NNNNNNNNWATGCAAATNNNW	TGTATGAAATGGAAA-
8	V\$OCT1_04	0.79862	10433	(+)	NNW	TATAGTTA
M0016						
2	V\$OCT1_06	0.855078	10433	(-)	CWNAWTKWSATRYN	TGTATGAAATGGAA
M0013						
5	V\$OCT1_01	0.776803	10435	(+)	NNNNWTATGCAAATNTNNN	TATGAAATGGAAATATAGT
M0016						
2	V\$OCT1_06	0.847266	10438	(+)	CWNAWTKWSATRYN	GAAATGGAAATATA
M0019						
5	V\$OCT1_Q6	0.80595	10452	(-)	NNNNATGCAAATNAN	GTTATTCTCACATCC
M0013						
5	V\$OCT1_01	0.782335	10470	(-)	NNNNWTATGCAAATNTNNN	TGTTATTTTGAATACTGAA
M0016						
2	V\$OCT1_06	0.826562	10472	(+)	CWNAWTKWSATRYN	TTATTTTGAATACT
M0013						
6	V\$OCT1_02	0.831348	10474	(-)	NNGAATATKCANNNN	ATTTTGAATACTGAA
M0024						
8	V\$OCT1_07	0.800085	10474	(-)	TNTATGNTAATT	ATTTTGAATACT
M0016						
2	V\$OCT1_06	0.834375	10541	(+)	CWNAWTKWSATRYN	AAAATGTTTCATTCC
M0024						
8	V\$OCT1_07	0.817045	10541	(+)	TNTATGNTAATT	AAAATGTTTCATT

M0013	5	V\$OCT1_01	0.739794	10577	(+)	NNNNWTATGCAAATNTNNN	CAGTCTCTGTAAATTTTGC
M0024	8	V\$OCT1_07	0.871317	10580	(+)	TNTATGNTAATT	TCTCTGTAAATT
M0013	7	V\$OCT1_03	0.922165	10615	(-)	NNNRTAATNANNN	ACAACATTATGAA
M0016	2	V\$OCT1_06	0.816406	10639	(+)	CWNAWKWSATRYN	AAGAAGTGCATTG
M0013	6	V\$OCT1_02	0.792907	10641	(-)	NNGAATATKCANNNN	GAAGTGCATTGAAC
M0016	2	V\$OCT1_06	0.809375	10703	(-)	CWNAWKWSATRYN	AATGTATCAATTAG
M0013	8	V\$OCT1_04	0.840443	10705	(-)	NNNNNNNWATGCAAATNNNW NNW	TGTATCAATTAG- CACAACCCTC
M0013	5	V\$OCT1_01	0.797406	10707	(-)	NNNNWTATGCAAATNTNNN	TATCAATTAGCACAACCCT
M0024	8	V\$OCT1_07	0.864109	10711	(-)	TNTATGNTAATT	AATTAGCACAAC
M0024	8	V\$OCT1_07	0.804113	10726	(+)	TNTATGNTAATT	TCTTGCTACTT
M0016	2	V\$OCT1_06	0.823828	10752	(-)	CWNAWKWSATRYN	TGACTGTAATAGTC
M0016	2	V\$OCT1_06	0.813281	10787	(+)	CWNAWKWSATRYN	ATTTTTTCTTTTA
M0013	8	V\$OCT1_04	0.798411	10796	(+)	NNNNNNNWATGCAAATNNNW NNW	TTTACTTATAGCAATTAAC TT
M0013	7	V\$OCT1_03	0.853418	10819	(+)	NNNRTAATNANNN	GACTTAATTAAGA
M0013	7	V\$OCT1_03	0.881075	10820	(-)	NNNRTAATNANNN	ACTTAATTAAGAC
M0013	8	V\$OCT1_04	0.793183	10850	(-)	NNNNNNNWATGCAAATNNNW NNW	GCCTTAGTTTAGCAAAATTA- TAT
M0013	5	V\$OCT1_01	0.789012	10852	(-)	NNNNWTATGCAAATNTNNN	CTTAGTTTAGCAAAATTAT
M0016	2	V\$OCT1_06	0.902344	10862	(+)	CWNAWKWSATRYN	CAAAATTATATTTT
M0016	2	V\$OCT1_06	0.847656	10863	(-)	CWNAWKWSATRYN	AAAATTATATTTTC
M0013	8	V\$OCT1_04	0.7844	10864	(-)	NNNNNNNWATGCAAATNNNW NNW	AAATTATATTTTCACATTTT- GTT
M0013	5	V\$OCT1_01	0.772415	10866	(-)	NNNNWTATGCAAATNTNNN	ATTATATTTTCACATTTTG
M0016	2	V\$OCT1_06	0.803906	10868	(+)	CWNAWKWSATRYN	TATATTTTCACATT
M0016	2	V\$OCT1_06	0.809375	10871	(-)	CWNAWKWSATRYN	ATTTTCACATTTTG
M0016	2	V\$OCT1_06	0.821484	10903	(-)	CWNAWKWSATRYN	AGAAGTCAATGATG
M0013	6	V\$OCT1_02	0.777477	10911	(-)	NNGAATATKCANNNN	ATGATGAATTTAATT
M0016	2	V\$OCT1_06	0.891016	10914	(+)	CWNAWKWSATRYN	ATGAATTTAATTTG
M0016	2	V\$OCT1_06	0.881641	10915	(-)	CWNAWKWSATRYN	TGAATTTAATTTGG
M0024	8	V\$OCT1_07	0.820013	10978	(+)	TNTATGNTAATT	TCCAAGGAAATT
M0013	8	V\$OCT1_04	0.812422	10979	(+)	NNNNNNNWATGCAAATNNNW NNW	CCAAGGAAATTTAAATATAT CTG
M0013	8	V\$OCT1_04	0.811794	10980	(-)	NNNNNNNWATGCAAATNNNW NNW	CAAGGAAATTTAAATATATCT GT
M0013	5	V\$OCT1_01	0.819916	10982	(-)	NNNNWTATGCAAATNTNNN	AGGAAATTTAAATATATCT
M0016	2	V\$OCT1_06	0.9375	10984	(+)	CWNAWKWSATRYN	GAAATTTAAATATA
M0016	2	V\$OCT1_06	0.855469	10984	(-)	CWNAWKWSATRYN	GAAATTTAAATATA

M0019	5	V\$OCT1_Q6	0.792849	10984	(-)	NNNNATGCAAATNAN	GAAATTTAAATATAT
M0016	2	V\$OCT1_06	0.800391	10985	(-)	CWNAWTKWSATRYN	AAATTTAAATATAT
M0024	8	V\$OCT1_07	0.90566	10986	(-)	TNTATGNTAATT	AATTTAAATATA
M0013	8	V\$OCT1_04	0.801966	11033	(-)	NNNNNNNWATGCAAATNNNW NNW	AGAAACTACTTGAA- TAATCTATT
M0013	5	V\$OCT1_01	0.75124	11035	(-)	NNNNWTATGCAAATNTNNN	AAACTACTGAATAATCTA
M0013	6	V\$OCT1_02	0.897672	11039	(-)	NNGAATATKCANNNN	TACTTGAATAATCTA
M0016	2	V\$OCT1_06	0.826953	11050	(-)	CWNAWTKWSATRYN	TCTATTTCACTACC
M0016	2	V\$OCT1_06	0.808203	11059	(+)	CWNAWTKWSATRYN	GTACCTTAGCTGTG
M0016	2	V\$OCT1_06	0.825391	11124	(+)	CWNAWTKWSATRYN	CAGAATGTCATCAT
M0016	2	V\$OCT1_06	0.814453	11125	(-)	CWNAWTKWSATRYN	AGAATGTCATCATA
M0016	2	V\$OCT1_06	0.803125	11135	(-)	CWNAWTKWSATRYN	CATATTTCTAGTT
M0013	5	V\$OCT1_01	0.750477	11155	(-)	NNNNWTATGCAAATNTNNN	CAGGATTTAGCTTAGTCCT
M0016	2	V\$OCT1_06	0.821484	11178	(-)	CWNAWTKWSATRYN	TGAATGAAAGCACC
M0016	2	V\$OCT1_06	0.834375	11195	(-)	CWNAWTKWSATRYN	TGAATGCTCTTAT
M0016	2	V\$OCT1_06	0.800781	11198	(+)	CWNAWTKWSATRYN	ATGTCTGTTATTCA
M0016	2	V\$OCT1_06	0.804297	11199	(-)	CWNAWTKWSATRYN	TGTCTGTTATTAG
M0005	9	V\$YY1_01	0.805046	55	(-)	NNNNNCCATNTWNNNWN	GTTTACATATGGCAAAA
M0005	9	V\$YY1_01	0.821756	163	(-)	NNNNNCCATNTWNNNWN	GCTTAAAAATGCATTG
M0005	9	V\$YY1_01	0.809633	175	(-)	NNNNNCCATNTWNNNWN	ATTTGCAAATGTTGATA
M0005	9	V\$YY1_01	0.796855	215	(+)	NNNNNCCATNTWNNNWN	AAAAATCATATAGTTT
M0005	9	V\$YY1_01	0.816514	401	(+)	NNNNNCCATNTWNNNWN	TAAGAGCATTTCTGGTA
M0005	9	V\$YY1_01	0.89384	516	(-)	NNNNNCCATNTWNNNWN	TTGTAAAGATGGTTATA
M0006	9	V\$YY1_02	0.764727	647	(-)	NNNCGGCCATCTGNCTSNW	TATATAAAATATGGCGGTAT
M0005	9	V\$YY1_01	0.895478	649	(-)	NNNNNCCATNTWNNNWN	TATAAAATATGGCGGTA
M0006	9	V\$YY1_02	0.75116	715	(+)	NNNCGGCCATCTGNCTSNW	TGGAAACCATTTTCTAGCA
M0005	9	V\$YY1_01	0.909895	716	(+)	NNNNNCCATNTWNNNWN	GGAAACCATTTTCTAG
M0005	9	V\$YY1_01	0.823722	785	(-)	NNNNNCCATNTWNNNWN	AGTCAAACATGATATGA
M0005	9	V\$YY1_01	0.779489	834	(+)	NNNNNCCATNTWNNNWN	CTTCCTCATATAGTCAT
M0005	9	V\$YY1_01	0.780472	846	(-)	NNNNNCCATNTWNNNWN	GTCATGTCATGGATATA
M0005	9	V\$YY1_01	0.775229	961	(-)	NNNNNCCATNTWNNNWN	GACTCTGAATGAGCAGG
M0005	9	V\$YY1_01	0.794233	1002	(+)	NNNNNCCATNTWNNNWN	GAAAGACATTTTTTTTA
M0005	9	V\$YY1_01	0.800459	1029	(-)	NNNNNCCATNTWNNNWN	TAAATTTAAATGGGTTCA
M0005	9	V\$YY1_01	0.79325	1060	(+)	NNNNNCCATNTWNNNWN	ACTATACATTTTAACAA

M0005						
9	V\$YY1_01	0.858126	1138	(-)	NNNNNCCATNTWNNNWN	ATTTAAATATGAATGCC
M0005						
9	V\$YY1_01	0.815203	1170	(+)	NNNNNCCATNTWNNNWN	CAAAACCCTATTACCAC
M0005						
9	V\$YY1_01	0.796855	1183	(+)	NNNNNCCATNTWNNNWN	CCACTTCATGGATCAAA
M0005						
9	V\$YY1_01	0.809633	1290	(+)	NNNNNCCATNTWNNNWN	GATTAACATTATATTG
M0005						
9	V\$YY1_01	0.788008	1472	(+)	NNNNNCCATNTWNNNWN	GACCACCATGAAGCTTC
M0005						
9	V\$YY1_01	0.788663	1658	(-)	NNNNNCCATNTWNNNWN	TTAAAACTATGATAATC
M0005						
9	V\$YY1_01	0.81291	1829	(-)	NNNNNCCATNTWNNNWN	ATCAAAGAATGACATGA
M0005						
9	V\$YY1_01	0.837811	2239	(-)	NNNNNCCATNTWNNNWN	ATAAAATAATGGTCTTG
M0005						
9	V\$YY1_01	0.813893	2294	(-)	NNNNNCCATNTWNNNWN	TTTCTGAAATGCTGAGA
M0005						
9	V\$YY1_01	0.922346	2334	(+)	NNNNNCCATNTWNNNWN	TATATCCATATTTAGAA
M0005						
9	V\$YY1_01	0.771625	2344	(-)	NNNNNCCATNTWNNNWN	TTTAGAAAATGCAGGAT
M0005						
9	V\$YY1_01	0.801769	2509	(-)	NNNNNCCATNTWNNNWN	TTTTACAAATGAAATGG
M0005						
9	V\$YY1_01	0.792923	2514	(-)	NNNNNCCATNTWNNNWN	CAAATGAAATGGGTATA
M0005						
9	V\$YY1_01	0.892202	2579	(+)	NNNNNCCATNTWNNNWN	CCACATCATTTTTAATG
M0005						
9	V\$YY1_01	0.859764	2628	(-)	NNNNNCCATNTWNNNWN	CAGTTAAAATGAAGATT
M0005						
9	V\$YY1_01	0.790301	2694	(+)	NNNNNCCATNTWNNNWN	AAGCAACATTTAATTAG
M0005						
9	V\$YY1_01	0.807995	2728	(-)	NNNNNCCATNTWNNNWN	CTCCAAAAATGTATAAT
M0005						
9	V\$YY1_01	0.815531	2764	(+)	NNNNNCCATNTWNNNWN	AACTACCATGTAATATA
M0005						
9	V\$YY1_01	0.789646	2888	(+)	NNNNNCCATNTWNNNWN	CTCCACCATACTCTAAA
M0005						
9	V\$YY1_01	0.791612	3264	(+)	NNNNNCCATNTWNNNWN	TAAAGTCAGTTTCACAT
M0005						
9	V\$YY1_01	0.871232	3337	(+)	NNNNNCCATNTWNNNWN	ACAAACCATCTTAGAAA
M0005						
9	V\$YY1_01	0.795544	3531	(+)	NNNNNCCATNTWNNNWN	CCACACCCTTCTACAAC
M0005						
9	V\$YY1_01	0.799803	3545	(+)	NNNNNCCATNTWNNNWN	AACAGCCATTAATCCAC
M0005						
9	V\$YY1_01	0.799803	3565	(-)	NNNNNCCATNTWNNNWN	GTCTCTAATGGAATTA
M0005						
9	V\$YY1_01	0.831258	3703	(+)	NNNNNCCATNTWNNNWN	TCATTTCATTTATTTTC
M0005						
9	V\$YY1_01	0.791612	3727	(+)	NNNNNCCATNTWNNNWN	TGTATCCAGGTACACAA
M0005						
9	V\$YY1_01	0.778178	3780	(+)	NNNNNCCATNTWNNNWN	TAAATTCCTATTCAATC
M0005						
9	V\$YY1_01	0.77097	3791	(+)	NNNNNCCATNTWNNNWN	TCAATCCCTCCTTTGAC
M0005						
9	V\$YY1_01	0.876802	3852	(-)	NNNNNCCATNTWNNNWN	AACCAAATATGGTACCT
M0005						
9	V\$YY1_01	0.778506	3961	(-)	NNNNNCCATNTWNNNWN	TTGTTCAAATGGAAAAC
M0005						
9	V\$YY1_01	0.820446	3989	(+)	NNNNNCCATNTWNNNWN	GGGGTGCATTTTTCCTT
M0005						
9	V\$YY1_01	0.854194	4093	(-)	NNNNNCCATNTWNNNWN	CTTCTAAAATGACAGCC
M0005						
9	V\$YY1_01	0.780144	4138	(-)	NNNNNCCATNTWNNNWN	GTTTGCAAATGTTTTTT

M0005						
9	V\$YY1_01	0.784731	4272	(+)	NNNNNCCATNTWNNNWN	AACACTCATGTTTTCAT
M0005						
9	V\$YY1_01	0.825033	4314	(+)	NNNNNCCATNTWNNNWN	AATTTCATGTTCATTA
M0005						
9	V\$YY1_01	0.780144	4472	(-)	NNNNNCCATNTWNNNWN	TTGTCTGAATGATTTTT
M0005						
9	V\$YY1_01	0.855177	4570	(-)	NNNNNCCATNTWNNNWN	GTTAACAAATGGAAGCA
M0005						
9	V\$YY1_01	0.775229	4595	(+)	NNNNNCCATNTWNNNWN	TCTCTCCAGTAAGTATT
M0005						
9	V\$YY1_01	0.783093	4636	(-)	NNNNNCCATNTWNNNWN	GCCTTTTTATGGAATA
M0005						
9	V\$YY1_01	0.77097	4770	(+)	NNNNNCCATNTWNNNWN	AGTGCACATTTACATAC
M0005						
9	V\$YY1_01	0.840433	4871	(+)	NNNNNCCATNTWNNNWN	CACATTCATCTTTTAAT
M0005						
9	V\$YY1_01	0.794561	4921	(+)	NNNNNCCATNTWNNNWN	GATATCCATTCATTTGT
M0005						
9	V\$YY1_01	0.792267	4935	(+)	NNNNNCCATNTWNNNWN	TGTGTCCCTCTTTACTA
M0005						
9	V\$YY1_01	0.800786	4980	(+)	NNNNNCCATNTWNNNWN	GGAGAACATCGATGAAC
M0005						
9	V\$YY1_01	0.774246	4983	(-)	NNNNNCCATNTWNNNWN	GAACATCGATGAACTGA
M0006						
9	V\$YY1_02	0.778472	5003	(+)	NNNCGGCCATCTGNCTSNW	TAAGGACCATCAATGATATT
M0005						
9	V\$YY1_01	0.786697	5004	(+)	NNNNNCCATNTWNNNWN	AAGGACCATCAATGATA
M0005						
9	V\$YY1_01	0.81422	5007	(-)	NNNNNCCATNTWNNNWN	GACCATCAATGATATTT
M0005						
9	V\$YY1_01	0.844037	5109	(-)	NNNNNCCATNTWNNNWN	AACACAAAATGATGAAC
M0005						
9	V\$YY1_01	0.818152	5218	(+)	NNNNNCCATNTWNNNWN	TTACTTCATTTATACTT
M0006						
9	V\$YY1_02	0.835059	5241	(-)	NNNCGGCCATCTGNCTSNW	AACITTCAAAATGGCTGATG
M0005						
9	V\$YY1_01	0.833879	5243	(-)	NNNNNCCATNTWNNNWN	CTTTCAAAATGGCTGAT
M0005						
9	V\$YY1_01	0.835518	5337	(-)	NNNNNCCATNTWNNNWN	ATGAATAAATGGATGAA
M0005						
9	V\$YY1_01	0.837156	5357	(-)	NNNNNCCATNTWNNNWN	ATGAATAAATGCAATTA
M0005						
9	V\$YY1_01	0.886632	5488	(-)	NNNNNCCATNTWNNNWN	CTTGAAAAATGATTTTT
M0005						
9	V\$YY1_01	0.770315	5502	(-)	NNNNNCCATNTWNNNWN	TTTTGGATCTGGATTCT
M0005						
9	V\$YY1_01	0.802097	5607	(-)	NNNNNCCATNTWNNNWN	ATACCTGAATGATTATC
M0005						
9	V\$YY1_01	0.772608	5671	(+)	NNNNNCCATNTWNNNWN	TAAGATTATTTTTAAAC
M0005						
9	V\$YY1_01	0.787353	5738	(-)	NNNNNCCATNTWNNNWN	TGCCCAAAATGAATAAA
M0005						
9	V\$YY1_01	0.801114	5903	(-)	NNNNNCCATNTWNNNWN	CATGAAAACGAAACGCA
M0005						
9	V\$YY1_01	0.794561	5920	(+)	NNNNNCCATNTWNNNWN	ACACACCAGTTGAAAAA
M0005						
9	V\$YY1_01	0.858453	5936	(+)	NNNNNCCATNTWNNNWN	AAAATCCATTTTGCTTA
M0005						
9	V\$YY1_01	0.846003	6096	(+)	NNNNNCCATNTWNNNWN	TCACAACATATAAGAAT
M0005						
9	V\$YY1_01	0.770642	6132	(-)	NNNNNCCATNTWNNNWN	ACTCTGAAATGCAGATT
M0005						
9	V\$YY1_01	0.785059	6476	(-)	NNNNNCCATNTWNNNWN	AATGTACAATGCTGTGC
M0005						
9	V\$YY1_01	0.77654	6525	(-)	NNNNNCCATNTWNNNWN	TCATTTAAATGATAATC

M0005						
9	V\$YY1_01	0.778506	6624	(-)	NNNNNCCATNTWNNNWN	GAGGATTTATGAAGGTA
M0005						
9	V\$YY1_01	0.795872	6703	(-)	NNNNNCCATNTWNNNWN	TTGGCAAGCTGGTTACT
M0005						
9	V\$YY1_01	0.837811	6730	(-)	NNNNNCCATNTWNNNWN	AAACATAAATGGGCGGA
M0005						
9	V\$YY1_01	0.77654	6913	(-)	NNNNNCCATNTWNNNWN	GTGAACAAAGGGTTACA
M0005						
9	V\$YY1_01	0.773591	7063	(-)	NNNNNCCATNTWNNNWN	TTCACAAGATGTATGGT
M0005						
9	V\$YY1_01	0.807995	7067	(-)	NNNNNCCATNTWNNNWN	CAAGATGTATGGTTTCC
M0006						
9	V\$YY1_02	0.812924	7080	(+)	NNNCGGCCATCTTGNCTSNW	TTCCTGCCATTTAGCTGGTT
M0005						
9	V\$YY1_01	0.803408	7081	(+)	NNNNNCCATNTWNNNWN	TCCTGCCATTTAGCTGG
M0006						
9	V\$YY1_02	0.833809	7247	(+)	NNNCGGCCATCTTGNCTSNW	CCTCTGCCATCCAGGGTATG
M0005						
9	V\$YY1_01	0.821756	7361	(-)	NNNNNCCATNTWNNNWN	CTAAAAAGATGGGGAAA
M0005						
9	V\$YY1_01	0.83945	7453	(-)	NNNNNCCATNTWNNNWN	TTTAAATATGTCCTTG
M0005						
9	V\$YY1_01	0.781782	7525	(+)	NNNNNCCATNTWNNNWN	AAACTCAATATTTCAAA
M0005						
9	V\$YY1_01	0.805374	7581	(-)	NNNNNCCATNTWNNNWN	CACTTAACTGGTTGTT
M0005						
9	V\$YY1_01	0.782765	7652	(-)	NNNNNCCATNTWNNNWN	GAGAATGAATGCTCAGC
M0005						
9	V\$YY1_01	0.792595	7710	(+)	NNNNNCCATNTWNNNWN	CAGGTTCATTTTTATCA
M0005						
9	V\$YY1_01	0.781455	7735	(+)	NNNNNCCATNTWNNNWN	CATACACATTTTACATT
M0005						
9	V\$YY1_01	0.782438	7828	(+)	NNNNNCCATNTWNNNWN	CTCCAACATATTTTAAA
M0005						
9	V\$YY1_01	0.826016	7836	(-)	NNNNNCCATNTWNNNWN	TATTTTAAATGAAATTG
M0005						
9	V\$YY1_01	0.77097	7904	(-)	NNNNNCCATNTWNNNWN	TTCTGAACAAGGAGTTA
M0005						
9	V\$YY1_01	0.771298	8053	(+)	NNNNNCCATNTWNNNWN	TCAATTCATTATCCCAA
M0005						
9	V\$YY1_01	0.843381	8069	(-)	NNNNNCCATNTWNNNWN	ATCAGAAAATGTTTATG
M0005						
9	V\$YY1_01	0.799148	8093	(-)	NNNNNCCATNTWNNNWN	ATTGTACCATGAAGTTT
M0006						
9	V\$YY1_02	0.771689	8093	(+)	NNNCGGCCATCTTGNCTSNW	ATTGTACCATGAAGTTTACA
M0005						
9	V\$YY1_01	0.871232	8157	(+)	NNNNNCCATNTWNNNWN	TGTCCTCATTTTGACAC
M0005						
9	V\$YY1_01	0.776868	8168	(-)	NNNNNCCATNTWNNNWN	TGACACACATGGATATC
M0005						
9	V\$YY1_01	0.770642	8276	(+)	NNNNNCCATNTWNNNWN	CCCAAACATTTTTTTTT
M0005						
9	V\$YY1_01	0.813893	8307	(+)	NNNNNCCATNTWNNNWN	CCTCCCAGATTTTGAT
M0005						
9	V\$YY1_01	0.856815	8380	(+)	NNNNNCCATNTWNNNWN	TATCAACATGTTTTATC
M0005						
9	V\$YY1_01	0.799803	8426	(-)	NNNNNCCATNTWNNNWN	ATCAGACACTGGAATCC
M0005						
9	V\$YY1_01	0.774246	8721	(+)	NNNNNCCATNTWNNNWN	TAAAGTCAGTTTATTAC
M0006						
9	V\$YY1_02	0.751874	8803	(-)	NNNCGGCCATCTTGNCTSNW	AAAAACTAACATGGCATGTT
M0005						
9	V\$YY1_01	0.81422	8805	(-)	NNNNNCCATNTWNNNWN	AAACTAACATGGCATGT
M0005						
9	V\$YY1_01	0.797182	8811	(+)	NNNNNCCATNTWNNNWN	ACATGGCATGTTTTAAT

M0005						
9	V\$YY1_01	0.784731	9118	(-)	NNNNNCCATNTWNNNWN	GA CTCTAGATGTTTACT
M0005						
9	V\$YY1_01	0.794233	9191	(+)	NNNNNCCATNTWNNNWN	TGCTTTTCATTTAAATAT
M0005						
9	V\$YY1_01	0.790629	9198	(-)	NNNNNCCATNTWNNNWN	ATTTAAATATTGTGTTT
M0005						
9	V\$YY1_01	0.782765	9245	(-)	NNNNNCCATNTWNNNWN	GTATTTAAAGGGTACTC
M0005						
9	V\$YY1_01	0.782438	9295	(+)	NNNNNCCATNTWNNNWN	GCTCTACCTTTTAGCAG
M0005						
9	V\$YY1_01	0.861075	9360	(-)	NNNNNCCATNTWNNNWN	ATTATAAAATGACAATA
M0005						
9	V\$YY1_01	0.809305	9385	(-)	NNNNNCCATNTWNNNWN	AATATTAAATGATGTAA
M0005						
9	V\$YY1_01	0.789646	9412	(+)	NNNNNCCATNTWNNNWN	GCAATCCATAGCACAAA
M0005						
9	V\$YY1_01	0.814875	9436	(-)	NNNNNCCATNTWNNNWN	CTCAGTAAATGTGGCTA
M0005						
9	V\$YY1_01	0.82405	9479	(+)	NNNNNCCATNTWNNNWN	CCACTTCATCTAATATT
M0005						
9	V\$YY1_01	0.797837	9537	(+)	NNNNNCCATNTWNNNWN	ACAAGTCATCTTCAATT
M0005						
9	V\$YY1_01	0.798493	9556	(+)	NNNNNCCATNTWNNNWN	CTTAGCCATTCTGACAC
M0005						
9	V\$YY1_01	0.787025	9575	(+)	NNNNNCCATNTWNNNWN	AAACACCATAAGTAAAA
M0005						
9	V\$YY1_01	0.782438	9605	(-)	NNNNNCCATNTWNNNWN	ATTAATATCTGACTTCA
M0005						
9	V\$YY1_01	0.797182	9790	(-)	NNNNNCCATNTWNNNWN	ACTTGAAAATGCTGGGA
M0005						
9	V\$YY1_01	0.809961	9847	(-)	NNNNNCCATNTWNNNWN	TTTCGAATAGGAAGAGC
M0005						
9	V\$YY1_01	0.771625	9918	(-)	NNNNNCCATNTWNNNWN	AATACAAAATTGTATTC
M0005						
9	V\$YY1_01	0.865007	9954	(-)	NNNNNCCATNTWNNNWN	AATTTTAAATGGGGTTT
M0005						
9	V\$YY1_01	0.827654	9973	(-)	NNNNNCCATNTWNNNWN	TTTTAAATATGTTTTTT
M0005						
9	V\$YY1_01	0.783093	10112	(+)	NNNNNCCATNTWNNNWN	CACATCCATAATTACTA
M0005						
9	V\$YY1_01	0.777523	10241	(-)	NNNNNCCATNTWNNNWN	ACTACTGGATGGCGAGT
M0005						
9	V\$YY1_01	0.884666	10301	(+)	NNNNNCCATNTWNNNWN	ACTTTCCATTTAAGGAA
M0005						
9	V\$YY1_01	0.817169	10433	(-)	NNNNNCCATNTWNNNWN	TGTATGAAATGGAAATA
M0005						
9	V\$YY1_01	0.798493	10458	(-)	NNNNNCCATNTWNNNWN	CTCACATCCTGGTGTTA
M0005						
9	V\$YY1_01	0.777851	10511	(+)	NNNNNCCATNTWNNNWN	TCCCTTCATCTGGTATG
M0005						
9	V\$YY1_01	0.832569	10649	(-)	NNNNNCCATNTWNNNWN	TTTGAACATATGATGTCA
M0005						
9	V\$YY1_01	0.802425	10681	(-)	NNNNNCCATNTWNNNWN	CTGATGGTATGGACAGA
M0005						
9	V\$YY1_01	0.788991	10696	(-)	NNNNNCCATNTWNNNWN	GATCAAAAATGTATCAA
M0005						
9	V\$YY1_01	0.806684	11014	(+)	NNNNNCCATNTWNNNWN	ATTCATCATTTCTGATC
M0005						
9	V\$YY1_01	0.872543	11129	(+)	NNNNNCCATNTWNNNWN	TGTCATCATATTTTCGTA
M0025						
2	V\$TATA_01	0.799543	57	(+)	STATAAAWRNNNNNN	TTACATATGGCAAAA
M0025						
2	V\$TATA_01	0.815275	114	(+)	STATAAAWRNNNNNN	ATTTATATGCATTTG
M0021						
6	V\$TATA_C	0.750198	132	(+)	NCTATAAAAR	CTTTTCAAAT

M0021						
6	V\$TATA_C	0.893847	162	(+)	NCTATAAAAR	AGCTTAAAAA
M0021						
6	V\$TATA_C	0.811724	163	(+)	NCTATAAAAR	GCTTAAAAAT
M0025						
2	V\$TATA_01	0.832276	163	(+)	STATAAAWRNNNNNN	GCTTAAAAATGCATT
M0021						
6	V\$TATA_C	0.813837	227	(+)	NCTATAAAAR	GTTTATAAA
M0025						
2	V\$TATA_01	0.800812	228	(+)	STATAAAWRNNNNNN	TTTTATAAACATCAA
M0021						
6	V\$TATA_C	0.793768	229	(+)	NCTATAAAAR	TTTATAAACA
M0025						
2	V\$TATA_01	0.79117	230	(+)	STATAAAWRNNNNNN	TTATAAACATCAAAT
M0021						
6	V\$TATA_C	0.746501	348	(+)	NCTATAAAAR	TCTATGGAAA
M0021						
6	V\$TATA_C	0.759176	373	(+)	NCTATAAAAR	AATTTATAAT
M0021						
6	V\$TATA_C	0.787959	382	(+)	NCTATAAAAR	TCTTTTAAAG
M0025						
2	V\$TATA_01	0.774676	398	(+)	STATAAAWRNNNNNN	GGATAAGAGCATTC
M0021						
6	V\$TATA_C	0.878004	467	(+)	NCTATAAAAR	TCTATAAAGG
M0025						
2	V\$TATA_01	0.838873	468	(+)	STATAAAWRNNNNNN	CTATAAAGGATATGT
M0025						
2	V\$TATA_01	0.792692	500	(+)	STATAAAWRNNNNNN	ATATAACTAACTACT
M0021						
6	V\$TATA_C	0.851862	557	(+)	NCTATAAAAR	TGGATAAAAG
M0025						
2	V\$TATA_01	0.828724	558	(+)	STATAAAWRNNNNNN	GGATAAAAGTAGTAA
M0021						
6	V\$TATA_C	0.852126	583	(+)	NCTATAAAAR	GGTTTATAAA
M0025						
2	V\$TATA_01	0.833545	584	(+)	STATAAAWRNNNNNN	GTTTATAAATATGTC
M0021						
6	V\$TATA_C	0.793768	585	(+)	NCTATAAAAR	TTTATAAATA
M0025						
2	V\$TATA_01	0.855874	586	(+)	STATAAAWRNNNNNN	TTATAAATATGTCTT
M0021						
6	V\$TATA_C	0.760496	643	(+)	NCTATAAAAR	AGTATATATA
M0025						
2	V\$TATA_01	0.864248	644	(+)	STATAAAWRNNNNNN	GTATATATAAAATAT
M0021						
6	V\$TATA_C	0.809348	645	(+)	NCTATAAAAR	TATATATAAA
M0025						
2	V\$TATA_01	0.860188	646	(+)	STATAAAWRNNNNNN	ATATATAAAATATGG
M0021						
6	V\$TATA_C	0.856351	647	(+)	NCTATAAAAR	TATATAAAAT
M0025						
2	V\$TATA_01	0.859934	648	(+)	STATAAAWRNNNNNN	ATATAAAATATGGCG
M0025						
2	V\$TATA_01	0.776706	683	(+)	STATAAAWRNNNNNN	GTATGTATGATCTGT
M0021						
6	V\$TATA_C	0.780829	759	(+)	NCTATAAAAR	TTCTTATAAT
M0021						
6	V\$TATA_C	0.758912	777	(+)	NCTATAAAAR	ACTCTAGAAG
M0025						
2	V\$TATA_01	0.798021	874	(+)	STATAAAWRNNNNNN	AAATATAAAATAATG
M0021						
6	V\$TATA_C	0.849221	875	(+)	NCTATAAAAR	AATATAAAAT
M0025						
2	V\$TATA_01	0.857904	876	(+)	STATAAAWRNNNNNN	ATATAAAATAATGGC
M0021						
6	V\$TATA_C	0.841035	896	(+)	NCTATAAAAR	TCTTTAAGAA

M0025						
2	V\$TATA_01	0.77493	897	(+)	STATAAAWRNNNNNN	CTTTAAGAAAATAAT
M0021						
6	V\$TATA_C	0.906786	928	(+)	NCTATAAAAR	TCTATATAAT
M0025						
2	V\$TATA_01	0.894189	929	(+)	STATAAAWRNNNNNN	CTATATAATGCACCA
M0021						
6	V\$TATA_C	0.740692	953	(+)	NCTATAAAAR	TTCTTAAAGA
M0021						
6	V\$TATA_C	0.845524	980	(+)	NCTATAAAAR	GCTCTAAAAT
M0021						
6	V\$TATA_C	0.756007	982	(+)	NCTATAAAAR	TCTAAAATAG
M0021						
6	V\$TATA_C	0.847637	991	(+)	NCTATAAAAR	GATTTAAAAG
M0025						
2	V\$TATA_01	0.859173	992	(+)	STATAAAWRNNNNNN	ATTTAAAAGAGAAAG
M0021						
6	V\$TATA_C	0.750726	1012	(+)	NCTATAAAAR	TTTTTTAAAT
M0021						
6	V\$TATA_C	0.779509	1013	(+)	NCTATAAAAR	TTTTTAAATG
M0025						
2	V\$TATA_01	0.806902	1014	(+)	STATAAAWRNNNNNN	TTTTAAATGTCAGAT
M0021						
6	V\$TATA_C	0.761025	1067	(+)	NCTATAAAAR	ATTTTAACAA
M0025						
2	V\$TATA_01	0.798275	1118	(+)	STATAAAWRNNNNNN	ATATTTAAAAATTGA
M0021						
6	V\$TATA_C	0.848165	1119	(+)	NCTATAAAAR	TATTTAAAAA
M0021						
6	V\$TATA_C	0.743597	1120	(+)	NCTATAAAAR	ATTTAAAAAT
M0025						
2	V\$TATA_01	0.840396	1120	(+)	STATAAAWRNNNNNN	ATTTAAAAATTGAGT
M0021						
6	V\$TATA_C	0.760496	1135	(+)	NCTATAAAAR	AGTATTTAAA
M0025						
2	V\$TATA_01	0.821365	1136	(+)	STATAAAWRNNNNNN	GTATTTAAATATGAA
M0025						
2	V\$TATA_01	0.853844	1138	(+)	STATAAAWRNNNNNN	ATTTAAATATGAATG
M0025						
2	V\$TATA_01	0.808171	1144	(+)	STATAAAWRNNNNNN	ATATGAATGCCTCTC
M0021						
6	V\$TATA_C	0.873515	1221	(+)	NCTATAAAAR	TGAATAAAAA
M0025						
2	V\$TATA_01	0.799797	1222	(+)	STATAAAWRNNNNNN	GAATAAAAATATTAA
M0025						
2	V\$TATA_01	0.825679	1230	(+)	STATAAAWRNNNNNN	ATATTAATAAGAGAC
M0025						
2	V\$TATA_01	0.784572	1297	(+)	STATAAAWRNNNNNN	ATTTATATTGAATAG
M0021						
6	V\$TATA_C	0.760496	1314	(+)	NCTATAAAAR	AAATTAAAAA
M0025						
2	V\$TATA_01	0.789901	1323	(+)	STATAAAWRNNNNNN	ATTTAAATTAGTAAA
M0025						
2	V\$TATA_01	0.772139	1333	(+)	STATAAAWRNNNNNN	GTAAAAATATTAAAC
M0025						
2	V\$TATA_01	0.791677	1339	(+)	STATAAAWRNNNNNN	ATATTAAACAAATGA
M0021						
6	V\$TATA_C	0.760232	1364	(+)	NCTATAAAAR	ATTATAACAC
M0025						
2	V\$TATA_01	0.793453	1409	(+)	STATAAAWRNNNNNN	ATATGAAACCAAATT
M0021						
6	V\$TATA_C	0.744389	1608	(+)	NCTATAAAAR	AGAATAATAA
M0021						
6	V\$TATA_C	0.745973	1640	(+)	NCTATAAAAR	GCTATTGAAG
M0021						
6	V\$TATA_C	0.776076	1655	(+)	NCTATAAAAR	ATATTAAAAC

M0025						
2	V\$TATA_01	0.820858	1655	(+)	STATAAAWRNNNNNN	ATATTAAACTATGA
M0021						
6	V\$TATA_C	0.774756	1718	(+)	NCTATAAAAR	TCCAAATAAA
M0021						
6	V\$TATA_C	0.775284	1720	(+)	NCTATAAAAR	CAAATAAAAT
M0025						
2	V\$TATA_01	0.784065	1721	(+)	STATAAAWRNNNNNN	AAATAAAATCTCTGC
M0021						
6	V\$TATA_C	0.761553	1733	(+)	NCTATAAAAR	TGCTTGAAAT
M0025						
2	V\$TATA_01	0.799036	1739	(+)	STATAAAWRNNNNNN	AAATATAAATCTCTC
M0025						
2	V\$TATA_01	0.841411	1741	(+)	STATAAAWRNNNNNN	ATATAAATCTCTCAT
M0021						
6	V\$TATA_C	0.795088	1754	(+)	NCTATAAAAR	ATGATAAAAA
M0025						
2	V\$TATA_01	0.786602	1755	(+)	STATAAAWRNNNNNN	TGATAAAAAATAATA
M0021						
6	V\$TATA_C	0.828096	1773	(+)	NCTATAAAAR	ATAATAAAAA
M0025						
2	V\$TATA_01	0.798275	1774	(+)	STATAAAWRNNNNNN	TAATAAAAAAGTAAA
M0021						
6	V\$TATA_C	0.756007	1775	(+)	NCTATAAAAR	AATAAAAAAG
M0025						
2	V\$TATA_01	0.790916	1776	(+)	STATAAAWRNNNNNN	ATAAAAAAGTAAAGA
M0021						
6	V\$TATA_C	0.757592	1788	(+)	NCTATAAAAR	AGAATAGAAG
M0021						
6	V\$TATA_C	0.793768	1804	(+)	NCTATAAAAR	GGTATCAAAC
M0021						
6	V\$TATA_C	0.80882	1826	(+)	NCTATAAAAR	AGCATCAAAG
M0025						
2	V\$TATA_01	0.782289	1878	(+)	STATAAAWRNNNNNN	GTATTTGTAAACATA
M0025						
2	V\$TATA_01	0.771885	1888	(+)	STATAAAWRNNNNNN	ACATATGTGTCCAAT
M0025						
2	V\$TATA_01	0.801319	1923	(+)	STATAAAWRNNNNNN	ACATAAAGCCGTATA
M0021						
6	V\$TATA_C	0.822023	2012	(+)	NCTATAAAAR	GGTATAGAAA
M0025						
2	V\$TATA_01	0.819081	2013	(+)	STATAAAWRNNNNNN	GTATAGAAAATCAGG
M0025						
2	V\$TATA_01	0.771885	2015	(+)	STATAAAWRNNNNNN	ATAGAAAATCAGGCT
M0021						
6	V\$TATA_C	0.745973	2066	(+)	NCTATAAAAR	CCTATAGACA
M0021						
6	V\$TATA_C	0.743068	2093	(+)	NCTATAAAAR	AAATTAAT
M0021						
6	V\$TATA_C	0.740692	2108	(+)	NCTATAAAAR	TTCTCAAAAA
M0021						
6	V\$TATA_C	0.759704	2114	(+)	NCTATAAAAR	AAAATAAAC
M0025						
2	V\$TATA_01	0.783811	2115	(+)	STATAAAWRNNNNNN	AAATAAAACAAAAAA
M0025						
2	V\$TATA_01	0.808678	2142	(+)	STATAAAWRNNNNNN	TTACATAAAGCAAAA
M0025						
2	V\$TATA_01	0.786602	2144	(+)	STATAAAWRNNNNNN	ACATAAAGCAAAAAG
M0021						
6	V\$TATA_C	0.752575	2222	(+)	NCTATAAAAR	ACAAGAAAAC
M0021						
6	V\$TATA_C	0.742276	2236	(+)	NCTATAAAAR	CAGATAAAT
M0025						
2	V\$TATA_01	0.78305	2237	(+)	STATAAAWRNNNNNN	AGATAAAATAATGGT
M0021						
6	V\$TATA_C	0.842091	2273	(+)	NCTATAAAAR	ACTATCAAAT

M0025						
2	V\$TATA_01	0.774423	2341	(+)	STATAAAWRNNNNNN	ATATTTAGAAAAATGC
M0021						
6	V\$TATA_C	0.77634	2344	(+)	NCTATAAAAR	TTTAGAAAAAT
M0021						
6	V\$TATA_C	0.752046	2384	(+)	NCTATAAAAR	TTCTTAACAG
M0021						
6	V\$TATA_C	0.781885	2448	(+)	NCTATAAAAR	GTTACAAAAA
M0025						
2	V\$TATA_01	0.794215	2449	(+)	STATAAAWRNNNNNN	TTACAAAAATAAATC
M0025						
2	V\$TATA_01	0.795483	2455	(+)	STATAAAWRNNNNNN	AAATAAATCCAAGTC
M0021						
6	V\$TATA_C	0.769475	2508	(+)	NCTATAAAAR	CTTTTACAAA
M0025						
2	V\$TATA_01	0.780766	2511	(+)	STATAAAWRNNNNNN	TTACAAATGAAATGG
M0021						
6	V\$TATA_C	0.793768	2537	(+)	NCTATAAAAR	CCAGTAAAAA
M0021						
6	V\$TATA_C	0.824927	2539	(+)	NCTATAAAAR	AGTAAAAAAA
M0025						
2	V\$TATA_01	0.786349	2540	(+)	STATAAAWRNNNNNN	GTAAAAAAATAGTTT
M0021						
6	V\$TATA_C	0.763929	2678	(+)	NCTATAAAAR	GAAATAAAAT
M0025						
2	V\$TATA_01	0.806648	2679	(+)	STATAAAWRNNNNNN	AAATAAAATCCAGAC
M0021						
6	V\$TATA_C	0.740956	2727	(+)	NCTATAAAAR	GCTCCAAAAA
M0021						
6	V\$TATA_C	0.777132	2745	(+)	NCTATAAAAR	GGTTTAAAGT
M0025						
2	V\$TATA_01	0.808171	2746	(+)	STATAAAWRNNNNNN	GTTTAAAGTCACCTT
M0021						
6	V\$TATA_C	0.815949	2757	(+)	NCTATAAAAR	CCTTTAGAAC
M0021						
6	V\$TATA_C	0.750198	2768	(+)	NCTATAAAAR	ACCATGTAAT
M0021						
6	V\$TATA_C	0.758912	2773	(+)	NCTATAAAAR	GTAATATAAA
M0025						
2	V\$TATA_01	0.839127	2776	(+)	STATAAAWRNNNNNN	ATATAAATTGTTTCAG
M0021						
6	V\$TATA_C	0.759176	2805	(+)	NCTATAAAAR	TCTTTATCAT
M0021						
6	V\$TATA_C	0.745709	2897	(+)	NCTATAAAAR	ACTCTAAAGA
M0021						
6	V\$TATA_C	0.769475	2920	(+)	NCTATAAAAR	ACTTTTTAAA
M0021						
6	V\$TATA_C	0.750198	2921	(+)	NCTATAAAAR	CTTTTTAAAT
M0021						
6	V\$TATA_C	0.750726	2922	(+)	NCTATAAAAR	TTTTTAAATT
M0021						
6	V\$TATA_C	0.890679	2936	(+)	NCTATAAAAR	TCAATAAAAT
M0021						
6	V\$TATA_C	0.838659	2958	(+)	NCTATAAAAR	CCCAGAAAAA
M0021						
6	V\$TATA_C	0.854766	2988	(+)	NCTATAAAAR	GCTATTAAAA
M0021						
6	V\$TATA_C	0.791656	2989	(+)	NCTATAAAAR	CTATTAAAAAT
M0025						
2	V\$TATA_01	0.859173	2989	(+)	STATAAAWRNNNNNN	CTATTAAAAATACAAA
M0021						
6	V\$TATA_C	0.740692	3007	(+)	NCTATAAAAR	TTCTTAAATA
M0025						
2	V\$TATA_01	0.802588	3008	(+)	STATAAAWRNNNNNN	TCTTAAATAGCAACA
M0021						
6	V\$TATA_C	0.822023	3098	(+)	NCTATAAAAR	GTTATATAAT

M0025						
2	V\$TATA_01	0.824156	3099	(+)	STATAAAWRNNNNNN	TTATATAATTCTTGC
M0021						
6	V\$TATA_C	0.810404	3258	(+)	NCTATAAAAR	TCTCTATAAA
M0025						
2	V\$TATA_01	0.794722	3259	(+)	STATAAAWRNNNNNN	CTCTATAAAGTCAGT
M0021						
6	V\$TATA_C	0.849221	3260	(+)	NCTATAAAAR	TCTATAAAGT
M0025						
2	V\$TATA_01	0.846232	3261	(+)	STATAAAWRNNNNNN	CTATAAAGTCAGTTT
M0021						
6	V\$TATA_C	0.802746	3288	(+)	NCTATAAAAR	GGTATAATAT
M0025						
2	V\$TATA_01	0.780513	3289	(+)	STATAAAWRNNNNNN	GTATAATATCTTCAG
M0025						
2	V\$TATA_01	0.817559	3370	(+)	STATAAAWRNNNNNN	ACATAAATATTTATG
M0025						
2	V\$TATA_01	0.777721	3376	(+)	STATAAAWRNNNNNN	ATATTTATGATTAAT
M0021						
6	V\$TATA_C	0.743597	3441	(+)	NCTATAAAAR	ATTTTAAATT
M0021						
6	V\$TATA_C	0.757328	3487	(+)	NCTATAAAAR	AACATATAAT
M0025						
2	V\$TATA_01	0.79523	3490	(+)	STATAAAWRNNNNNN	ATATAATTTGCAATT
M0021						
6	V\$TATA_C	0.756007	3540	(+)	NCTATAAAAR	TCTACAAACAG
M0025						
2	V\$TATA_01	0.775438	3550	(+)	STATAAAWRNNNNNN	CCATTAATCCACTCT
M0025						
2	V\$TATA_01	0.773408	3576	(+)	STATAAAWRNNNNNN	GAATTAATACCTTTT
M0021						
6	V\$TATA_C	0.865593	3876	(+)	NCTATAAAAR	ATTTTAAAAAT
M0025						
2	V\$TATA_01	0.801827	3877	(+)	STATAAAWRNNNNNN	TTTTAAAAATTAGATC
M0025						
2	V\$TATA_01	0.789394	3963	(+)	STATAAAWRNNNNNN	GTTCAAATGGAAAAAC
M0021						
6	V\$TATA_C	0.808292	4004	(+)	NCTATAAAAR	TTTTTATAAT
M0021						
6	V\$TATA_C	0.797465	4041	(+)	NCTATAAAAR	TCAACAAAAG
M0021						
6	V\$TATA_C	0.783998	4093	(+)	NCTATAAAAR	CTTCTAAAAAT
M0021						
6	V\$TATA_C	0.740692	4113	(+)	NCTATAAAAR	TTCTTGAAAA
M0021						
6	V\$TATA_C	0.841035	4114	(+)	NCTATAAAAR	TCTTGAAAAA
M0021						
6	V\$TATA_C	0.757064	4198	(+)	NCTATAAAAR	ACTGAAAAAG
M0021						
6	V\$TATA_C	0.744653	4229	(+)	NCTATAAAAR	AATATTAAAA
M0021						
6	V\$TATA_C	0.802482	4230	(+)	NCTATAAAAR	ATATTAAAAA
M0025						
2	V\$TATA_01	0.848008	4230	(+)	STATAAAWRNNNNNN	ATATTAAAAAGCTGC
M0021						
6	V\$TATA_C	0.761553	4242	(+)	NCTATAAAAR	TGCTTTAAAT
M0021						
6	V\$TATA_C	0.811724	4243	(+)	NCTATAAAAR	GCTTTAAATT
M0025						
2	V\$TATA_01	0.788632	4244	(+)	STATAAAWRNNNNNN	CTTTAAATTTTAATT
M0021						
6	V\$TATA_C	0.745445	4307	(+)	NCTATAAAAR	ATTTTACAAT
M0021						
6	V\$TATA_C	0.800634	4325	(+)	NCTATAAAAR	TCATTATAAT
M0025						
2	V\$TATA_01	0.780766	4326	(+)	STATAAAWRNNNNNN	CATTATAATGGAATG

M0021						
6	V\$TATA_C	0.78479	4350	(+)	NCTATAAAAR	TCTAGATAAT
M0021						
6	V\$TATA_C	0.803274	4440	(+)	NCTATAAAAR	ACTGTATAAA
M0021						
6	V\$TATA_C	0.936625	4442	(+)	NCTATAAAAR	TGTATAAAAT
M0025						
2	V\$TATA_01	0.839635	4443	(+)	STATAAAWRNNNNNN	GTATAAAATATTTGA
M0021						
6	V\$TATA_C	0.750726	4484	(+)	NCTATAAAAR	TTTTTAACAT
M0025						
2	V\$TATA_01	0.797767	4638	(+)	STATAAAWRNNNNNN	CTTTTTATGGAAATA
M0021						
6	V\$TATA_C	0.761553	4730	(+)	NCTATAAAAR	ACAACAAAAT
M0021						
6	V\$TATA_C	0.865593	4753	(+)	NCTATAAAAR	ATTTTAAAAT
M0025						
2	V\$TATA_01	0.792692	4763	(+)	STATAAAWRNNNNNN	ATTTTAAAGTGCACA
M0025						
2	V\$TATA_01	0.777468	4765	(+)	STATAAAWRNNNNNN	TTTTAAGTGCACATT
M0021						
6	V\$TATA_C	0.833905	4792	(+)	NCTATAAAAR	ACTTTAAAGA
M0025						
2	V\$TATA_01	0.815022	4793	(+)	STATAAAWRNNNNNN	CTTTAAAGAAAGCTT
M0025						
2	V\$TATA_01	0.771378	4848	(+)	STATAAAWRNNNNNN	ATATTAGTGCAGTCA
M0021						
6	V\$TATA_C	0.754423	4859	(+)	NCTATAAAAR	GTCACAAAAA
M0021						
6	V\$TATA_C	0.752575	4862	(+)	NCTATAAAAR	ACAAAAAAAC
M0025						
2	V\$TATA_01	0.78711	4880	(+)	STATAAAWRNNNNNN	CTTTAATTTGCAGT
M0025						
2	V\$TATA_01	0.77087	5018	(+)	STATAAAWRNNNNNN	ATATTTAAATTATTT
M0021						
6	V\$TATA_C	0.894375	5029	(+)	NCTATAAAAR	ATTTTAAAAG
M0025						
2	V\$TATA_01	0.784826	5029	(+)	STATAAAWRNNNNNN	ATTTTAAAAGTTAGT
M0025						
2	V\$TATA_01	0.79117	5030	(+)	STATAAAWRNNNNNN	TTTTAAAAGTTAGTC
M0021						
6	V\$TATA_C	0.840507	5044	(+)	NCTATAAAAR	CCTTCAAAA
M0021						
6	V\$TATA_C	0.767626	5045	(+)	NCTATAAAAR	CTTCAAAAA
M0021						
6	V\$TATA_C	0.748878	5047	(+)	NCTATAAAAR	TTCAAAAAAT
M0025						
2	V\$TATA_01	0.771885	5055	(+)	STATAAAWRNNNNNN	ATATATTTTACAAGT
M0021						
6	V\$TATA_C	0.774228	5059	(+)	NCTATAAAAR	ATTTTACAAG
M0021						
6	V\$TATA_C	0.792712	5157	(+)	NCTATAAAAR	GGCAAAAAAA
M0021						
6	V\$TATA_C	0.7568	5158	(+)	NCTATAAAAR	GCAAAAAAAT
M0021						
6	V\$TATA_C	0.793768	5197	(+)	NCTATAAAAR	TTAGAAAAA
M0021						
6	V\$TATA_C	0.821231	5235	(+)	NCTATAAAAR	CCCATAAACT
M0021						
6	V\$TATA_C	0.833905	5242	(+)	NCTATAAAAR	ACTTCAAAA
M0021						
6	V\$TATA_C	0.750198	5243	(+)	NCTATAAAAR	CTTCAAAAAT
M0021						
6	V\$TATA_C	0.807499	5301	(+)	NCTATAAAAR	ACTTTAAAGC
M0025						
2	V\$TATA_01	0.773915	5302	(+)	STATAAAWRNNNNNN	CTTTAAAGCTGTGAA

M0025						
2	V\$TATA_01	0.802081	5331	(+)	STATAAAWRNNNNNN	GTATGAATGAATAAA
M0021						
6	V\$TATA_C	0.762873	5338	(+)	NCTATAAAAR	TGAATAAATG
M0025						
2	V\$TATA_01	0.832022	5339	(+)	STATAAAWRNNNNNN	GAATAAATGGATGAA
M0021						
6	V\$TATA_C	0.762873	5358	(+)	NCTATAAAAR	TGAATAAATG
M0025						
2	V\$TATA_01	0.827709	5359	(+)	STATAAAWRNNNNNN	GAATAAATGCAATTA
M0021						
6	V\$TATA_C	0.824927	5393	(+)	NCTATAAAAR	AGTATCAAAA
M0025						
2	V\$TATA_01	0.79726	5394	(+)	STATAAAWRNNNNNN	GTATCAAAACTGAAA
M0021						
6	V\$TATA_C	0.844204	5427	(+)	NCTATAAAAR	ATTATATAAA
M0025						
2	V\$TATA_01	0.924638	5428	(+)	STATAAAWRNNNNNN	TTATATAAAGCAACG
M0025						
2	V\$TATA_01	0.826947	5430	(+)	STATAAAWRNNNNNN	ATATAAAGCAACGTA
M0021						
6	V\$TATA_C	0.740956	5448	(+)	NCTATAAAAR	GCTCTAAGAA
M0021						
6	V\$TATA_C	0.740692	5486	(+)	NCTATAAAAR	TTCTTGAAAA
M0021						
6	V\$TATA_C	0.841035	5487	(+)	NCTATAAAAR	TCTTGAAAAA
M0021						
6	V\$TATA_C	0.779509	5527	(+)	NCTATAAAAR	TTTTTAATAG
M0025						
2	V\$TATA_01	0.787364	5527	(+)	STATAAAWRNNNNNN	TTTTTAATAGAGGCC
M0021						
6	V\$TATA_C	0.761553	5560	(+)	NCTATAAAAR	TGCTCAAAAT
M0025						
2	V\$TATA_01	0.799036	5580	(+)	STATAAAWRNNNNNN	AAATAAATATCTTTG
M0021						
6	V\$TATA_C	0.750198	5589	(+)	NCTATAAAAR	TCTTTGTAAC
M0021						
6	V\$TATA_C	0.750726	5679	(+)	NCTATAAAAR	TTTTTAACT
M0021						
6	V\$TATA_C	0.842091	5686	(+)	NCTATAAAAR	ACTATTAAAT
M0025						
2	V\$TATA_01	0.82644	5687	(+)	STATAAAWRNNNNNN	CTATTAAATATAAGG
M0021						
6	V\$TATA_C	0.740164	5691	(+)	NCTATAAAAR	TAAATATAAG
M0025						
2	V\$TATA_01	0.838873	5692	(+)	STATAAAWRNNNNNN	AAATATAAGGAAAAG
M0025						
2	V\$TATA_01	0.772139	5694	(+)	STATAAAWRNNNNNN	ATATAAGGAAAAGAA
M0021						
6	V\$TATA_C	0.796145	5724	(+)	NCTATAAAAR	TCCTTTAAAT
M0021						
6	V\$TATA_C	0.840507	5725	(+)	NCTATAAAAR	CCTTTAAATA
M0025						
2	V\$TATA_01	0.883786	5726	(+)	STATAAAWRNNNNNN	CTTTAAATACCCTGC
M0021						
6	V\$TATA_C	0.751518	5747	(+)	NCTATAAAAR	TGAATAAATA
M0025						
2	V\$TATA_01	0.827201	5748	(+)	STATAAAWRNNNNNN	GAATAAATAAGTCTC
M0025						
2	V\$TATA_01	0.805887	5818	(+)	STATAAAWRNNNNNN	GCATATGAAAGCCAG
M0021						
6	V\$TATA_C	0.762609	5819	(+)	NCTATAAAAR	CATATGAAAG
M0025						
2	V\$TATA_01	0.81832	5820	(+)	STATAAAWRNNNNNN	ATATGAAAGCCAGAA
M0021						
6	V\$TATA_C	0.754423	5901	(+)	NCTATAAAAR	GTCATGAAAA

M0021						
6	V\$TATA_C	0.778981	5947	(+)	NCTATAAAAR	TGCTTAAATA
M0025						
2	V\$TATA_01	0.814514	5954	(+)	STATAAAWRNNNNNN	ATATTTATATGCCAT
M0025						
2	V\$TATA_01	0.837605	5956	(+)	STATAAAWRNNNNNN	ATTTATATGCCATTG
M0021						
6	V\$TATA_C	0.758648	5999	(+)	NCTATAAAAR	CCTTTTAAAT
M0021						
6	V\$TATA_C	0.750726	6001	(+)	NCTATAAAAR	TTTTTAATAT
M0021						
6	V\$TATA_C	0.753367	6004	(+)	NCTATAAAAR	TTAATATAAT
M0025						
2	V\$TATA_01	0.7729	6005	(+)	STATAAAWRNNNNNN	TAATATAATGCTCCT
M0021						
6	V\$TATA_C	0.761553	6019	(+)	NCTATAAAAR	TGCTTAACAT
M0021						
6	V\$TATA_C	0.778981	6059	(+)	NCTATAAAAR	TAATTAAGAAG
M0021						
6	V\$TATA_C	0.78611	6100	(+)	NCTATAAAAR	AACATATAAG
M0025						
2	V\$TATA_01	0.805887	6101	(+)	STATAAAWRNNNNNN	ACATATAAGAATCTA
M0021						
6	V\$TATA_C	0.751254	6102	(+)	NCTATAAAAR	CATATAAGAA
M0025						
2	V\$TATA_01	0.854098	6103	(+)	STATAAAWRNNNNNN	ATATAAGAATCTACG
M0021						
6	V\$TATA_C	0.78479	6241	(+)	NCTATAAAAR	TCTATATATT
M0025						
2	V\$TATA_01	0.844456	6242	(+)	STATAAAWRNNNNNN	CTATATATTTGGTAA
M0025						
2	V\$TATA_01	0.782035	6244	(+)	STATAAAWRNNNNNN	ATATATTTGGTAATT
M0021						
6	V\$TATA_C	0.881172	6281	(+)	NCTATAAAAR	ATCATAAAAA
M0021						
6	V\$TATA_C	0.760496	6282	(+)	NCTATAAAAR	TCATAAAAAA
M0025						
2	V\$TATA_01	0.814514	6282	(+)	STATAAAWRNNNNNN	TCATAAAAAATAAAG
M0021						
6	V\$TATA_C	0.756271	6355	(+)	NCTATAAAAR	GTTTAAATAA
M0025						
2	V\$TATA_01	0.789901	6355	(+)	STATAAAWRNNNNNN	GTTTAAATAAACTGT
M0021						
6	V\$TATA_C	0.769475	6408	(+)	NCTATAAAAR	ACTTTATCAA
M0021						
6	V\$TATA_C	0.805123	6410	(+)	NCTATAAAAR	TTTATCAAAG
M0021						
6	V\$TATA_C	0.748878	6461	(+)	NCTATAAAAR	ACTATTATAG
M0025						
2	V\$TATA_01	0.799543	6462	(+)	STATAAAWRNNNNNN	CTATTATAGCCAGGA
M0021						
6	V\$TATA_C	0.762873	6491	(+)	NCTATAAAAR	GCCAGATAAA
M0025						
2	V\$TATA_01	0.777214	6505	(+)	STATAAAWRNNNNNN	ACATTAGAGGGGAGA
M0021						
6	V\$TATA_C	0.743068	6525	(+)	NCTATAAAAR	TCATTTAAAT
M0025						
2	V\$TATA_01	0.811469	6527	(+)	STATAAAWRNNNNNN	ATTTAAATGATAATC
M0025						
2	V\$TATA_01	0.78305	6628	(+)	STATAAAWRNNNNNN	ATTTATGAAGGTATA
M0021						
6	V\$TATA_C	0.822023	6637	(+)	NCTATAAAAR	GGTATAGAAA
M0025						
2	V\$TATA_01	0.840142	6638	(+)	STATAAAWRNNNNNN	GTATAGAAAGGACGC
M0025						
2	V\$TATA_01	0.880995	6732	(+)	STATAAAWRNNNNNN	ACATAAATGGGCGGA

M0021						
6	V\$TATA_C	0.817798	6846	(+)	NCTATAAAAR	TGTTTGAAAG
M0021						
6	V\$TATA_C	0.740956	7126	(+)	NCTATAAAAR	GCTCTAACAA
M0021						
6	V\$TATA_C	0.744653	7128	(+)	NCTATAAAAR	TCTAACAAAA
M0021						
6	V\$TATA_C	0.793768	7149	(+)	NCTATAAAAR	TTTATTAAAA
M0021						
6	V\$TATA_C	0.792184	7150	(+)	NCTATAAAAR	TTATTAAAAAT
M0025						
2	V\$TATA_01	0.831515	7150	(+)	STATAAAWRNNNNNN	TTATTAATAAAGA
M0025						
2	V\$TATA_01	0.776199	7156	(+)	STATAAAWRNNNNNN	AAATAAGAGTAAAA
M0021						
6	V\$TATA_C	0.752575	7162	(+)	NCTATAAAAR	AGAGTAAAAA
M0025						
2	V\$TATA_01	0.779498	7181	(+)	STATAAAWRNNNNNN	GTATGAATGTTTAA
M0021						
6	V\$TATA_C	0.911011	7188	(+)	NCTATAAAAR	TGTTTAAAAAT
M0025						
2	V\$TATA_01	0.836336	7189	(+)	STATAAAWRNNNNNN	GTTTAAATGAACATA
M0021						
6	V\$TATA_C	0.833113	7200	(+)	NCTATAAAAR	ACTATAAGAC
M0025						
2	V\$TATA_01	0.841411	7201	(+)	STATAAAWRNNNNNN	CTATAAGACTCAAAG
M0021						
6	V\$TATA_C	0.752839	7358	(+)	NCTATAAAAR	AATCTAAAAA
M0021						
6	V\$TATA_C	0.744917	7359	(+)	NCTATAAAAR	ATCTAAAAAG
M0025						
2	V\$TATA_01	0.794722	7359	(+)	STATAAAWRNNNNNN	ATCTAAAAAGATGGG
M0021						
6	V\$TATA_C	0.744653	7360	(+)	NCTATAAAAR	TCTAAAAAGA
M0025						
2	V\$TATA_01	0.782796	7361	(+)	STATAAAWRNNNNNN	CTAAAAAGATGGGGA
M0021						
6	V\$TATA_C	0.80169	7387	(+)	NCTATAAAAR	GCCTCAAAAA
M0021						
6	V\$TATA_C	0.740164	7435	(+)	NCTATAAAAR	TGCATATTAA
M0021						
6	V\$TATA_C	0.751254	7437	(+)	NCTATAAAAR	CATATTAAAA
M0021						
6	V\$TATA_C	0.785054	7438	(+)	NCTATAAAAR	ATATTAAAAAT
M0025						
2	V\$TATA_01	0.853844	7438	(+)	STATAAAWRNNNNNN	ATATTAAAAATCAATC
M0021						
6	V\$TATA_C	0.823607	7451	(+)	NCTATAAAAR	TCTTTTAAAT
M0021						
6	V\$TATA_C	0.767626	7452	(+)	NCTATAAAAR	CTTTTAAATA
M0025						
2	V\$TATA_01	0.804618	7453	(+)	STATAAAWRNNNNNN	TTTTAAATATGTCCT
M0025						
2	V\$TATA_01	0.825425	7494	(+)	STATAAAWRNNNNNN	AAATATAACATCCG
M0021						
6	V\$TATA_C	0.744653	7495	(+)	NCTATAAAAR	AATATAAACA
M0025						
2	V\$TATA_01	0.827201	7496	(+)	STATAAAWRNNNNNN	ATATAACATCCGTG
M0021						
6	V\$TATA_C	0.806443	7549	(+)	NCTATAAAAR	TGTTTTAAAA
M0021						
6	V\$TATA_C	0.878268	7550	(+)	NCTATAAAAR	GTTTTAAAAA
M0025						
2	V\$TATA_01	0.791677	7550	(+)	STATAAAWRNNNNNN	GTTTTAAAAAGCTAA
M0021						
6	V\$TATA_C	0.779509	7551	(+)	NCTATAAAAR	TTTTAAAAAG

M0025						
2	V\$TATA_01	0.844202	7551	(+)	STATAAAWRNNNNNN	TTTTAAAAAGCTAAT
M0021						
6	V\$TATA_C	0.919461	7625	(+)	NCTATAAAAR	AGCATAAAAA
M0021						
6	V\$TATA_C	0.759968	7626	(+)	NCTATAAAAR	GCATAAAAAG
M0025						
2	V\$TATA_01	0.912966	7626	(+)	STATAAAWRNNNNNN	GCATAAAAAGGGCCC
M0025						
2	V\$TATA_01	0.780005	7628	(+)	STATAAAWRNNNNNN	ATAAAAAGGGCCCCA
M0021						
6	V\$TATA_C	0.759176	7723	(+)	NCTATAAAAR	ATCACAAAAA
M0021						
6	V\$TATA_C	0.756271	7776	(+)	NCTATAAAAR	GTTTAAATAA
M0025						
2	V\$TATA_01	0.78914	7776	(+)	STATAAAWRNNNNNN	GTTTAAATAAAAAAT
M0021						
6	V\$TATA_C	0.835226	7779	(+)	NCTATAAAAR	TTAATAAAAA
M0021						
6	V\$TATA_C	0.772379	7837	(+)	NCTATAAAAR	ATTTTAAATG
M0025						
2	V\$TATA_01	0.797767	7838	(+)	STATAAAWRNNNNNN	TTTTAAATGAAATTG
M0021						
6	V\$TATA_C	0.776076	7881	(+)	NCTATAAAAR	CCTTTATATA
M0025						
2	V\$TATA_01	0.819081	7882	(+)	STATAAAWRNNNNNN	CTTTATATACTACTT
M0025						
2	V\$TATA_01	0.772139	7897	(+)	STATAAAWRNNNNNN	GTTTAAATTCTGAAC
M0021						
6	V\$TATA_C	0.831529	7928	(+)	NCTATAAAAR	GGTATGAAAG
M0025						
2	V\$TATA_01	0.844456	7929	(+)	STATAAAWRNNNNNN	GTATGAAAGTGTTGG
M0021						
6	V\$TATA_C	0.833905	7958	(+)	NCTATAAAAR	ACTTTTAAAA
M0021						
6	V\$TATA_C	0.872194	7959	(+)	NCTATAAAAR	CTTTTAAAT
M0025						
2	V\$TATA_01	0.804872	7959	(+)	STATAAAWRNNNNNN	CTTTTAAATCACAG
M0025						
2	V\$TATA_01	0.847754	7960	(+)	STATAAAWRNNNNNN	TTTTAAATCACAGG
M0025						
2	V\$TATA_01	0.792438	7998	(+)	STATAAAWRNNNNNN	TTTTTTAAGCGAAAG
M0021						
6	V\$TATA_C	0.741748	8069	(+)	NCTATAAAAR	ATCAGAAAAT
M0021						
6	V\$TATA_C	0.742012	8078	(+)	NCTATAAAAR	TGTTTATGAA
M0025						
2	V\$TATA_01	0.775691	8079	(+)	STATAAAWRNNNNNN	GTTTATGAAAGCTTA
M0021						
6	V\$TATA_C	0.805123	8080	(+)	NCTATAAAAR	TTTATGAAAG
M0025						
2	V\$TATA_01	0.77493	8081	(+)	STATAAAWRNNNNNN	TTATGAAAGCTTATT
M0025						
2	V\$TATA_01	0.78102	8178	(+)	STATAAAWRNNNNNN	GGATATCAACCCAAC
M0021						
6	V\$TATA_C	0.832057	8196	(+)	NCTATAAAAR	TGTATGAAAA
M0025						
2	V\$TATA_01	0.847501	8197	(+)	STATAAAWRNNNNNN	GTATGAAAACAAATA
M0021						
6	V\$TATA_C	0.754423	8337	(+)	NCTATAAAAR	GTCATTAAAA
M0021						
6	V\$TATA_C	0.882493	8338	(+)	NCTATAAAAR	TCATTAAAAA
M0021						
6	V\$TATA_C	0.742012	8363	(+)	NCTATAAAAR	TGTTTCTAAA
M0025						
2	V\$TATA_01	0.770363	8364	(+)	STATAAAWRNNNNNN	GTTTCTAAACCAATG

M0021						
6	V\$TATA_C	0.764457	8533	(+)	NCTATAAAAR	GTTACAAAAT
M0021						
6	V\$TATA_C	0.759704	8538	(+)	NCTATAAAAR	AAAATAAAAC
M0025						
2	V\$TATA_01	0.802081	8539	(+)	STATAAAWRNNNNNN	AAATAAAACCAACTC
M0021						
6	V\$TATA_C	0.805651	8577	(+)	NCTATAAAAR	TCAGTAAAAG
M0021						
6	V\$TATA_C	0.807499	8664	(+)	NCTATAAAAR	AGTATAACAT
M0025						
2	V\$TATA_01	0.8102	8665	(+)	STATAAAWRNNNNNN	GTATAACATGCACCT
M0021						
6	V\$TATA_C	0.753367	8827	(+)	NCTATAAAAR	TGTTTTTAAG
M0025						
2	V\$TATA_01	0.802334	8828	(+)	STATAAAWRNNNNNN	GTTTTTAAGGAAGTT
M0025						
2	V\$TATA_01	0.810962	8866	(+)	STATAAAWRNNNNNN	ATATATTTACCAAT
M0021						
6	V\$TATA_C	0.823607	8878	(+)	NCTATAAAAR	AATTTAAAAAT
M0025						
2	V\$TATA_01	0.782035	8884	(+)	STATAAAWRNNNNNN	AAATATATTAGCATT
M0021						
6	V\$TATA_C	0.752046	8908	(+)	NCTATAAAAR	ATGTTAAAAAT
M0021						
6	V\$TATA_C	0.793768	9004	(+)	NCTATAAAAR	TTATTAAAAA
M0021						
6	V\$TATA_C	0.820966	9005	(+)	NCTATAAAAR	TTATTAAAAAG
M0025						
2	V\$TATA_01	0.778229	9005	(+)	STATAAAWRNNNNNN	TTATTAAAAAGTTTAT
M0021						
6	V\$TATA_C	0.805123	9015	(+)	NCTATAAAAR	TTTATCAAAG
M0025						
2	V\$TATA_01	0.79523	9016	(+)	STATAAAWRNNNNNN	TTATCAAAGGCAAAG
M0021						
6	V\$TATA_C	0.787167	9073	(+)	NCTATAAAAR	TCCTTAACAC
M0021						
6	V\$TATA_C	0.752311	9140	(+)	NCTATAAAAR	CCTCTGAAAA
M0021						
6	V\$TATA_C	0.750726	9164	(+)	NCTATAAAAR	TTTTTTAAAT
M0021						
6	V\$TATA_C	0.741748	9165	(+)	NCTATAAAAR	TTTTTAAATC
M0025						
2	V\$TATA_01	0.797006	9166	(+)	STATAAAWRNNNNNN	TTTTAAATCTCAGGT
M0025						
2	V\$TATA_01	0.816037	9179	(+)	STATAAAWRNNNNNN	GTATTTAATTCATGC
M0021						
6	V\$TATA_C	0.743068	9196	(+)	NCTATAAAAR	TCATTTAAAT
M0025						
2	V\$TATA_01	0.802081	9198	(+)	STATAAAWRNNNNNN	ATTTAAATATTGTGT
M0021						
6	V\$TATA_C	0.755743	9244	(+)	NCTATAAAAR	GGTATTTAAA
M0025						
2	V\$TATA_01	0.867039	9245	(+)	STATAAAWRNNNNNN	GTATTTAAAGGGTAC
M0025						
2	V\$TATA_01	0.791677	9247	(+)	STATAAAWRNNNNNN	ATTTAAAGGGTACTC
M0021						
6	V\$TATA_C	0.891207	9360	(+)	NCTATAAAAR	ATTATAAAAT
M0025						
2	V\$TATA_01	0.872621	9361	(+)	STATAAAWRNNNNNN	TTATAAAATGACAAT
M0021						
6	V\$TATA_C	0.819118	9371	(+)	NCTATAAAAR	ACAATATAAT
M0025						
2	V\$TATA_01	0.773915	9372	(+)	STATAAAWRNNNNNN	CAATATAATAATAAA
M0021						
6	V\$TATA_C	0.744653	9373	(+)	NCTATAAAAR	AATATAATAA

M0025						
2	V\$TATA_01	0.801319	9374	(+)	STATAAAWRNNNNNN	ATATAATAATAAATA
M0025						
2	V\$TATA_01	0.803096	9386	(+)	STATAAAWRNNNNNN	ATATTAAATGATGTA
M0025						
2	V\$TATA_01	0.773408	9404	(+)	STATAAAWRNNNNNN	CAATTAATGCAATCC
M0025						
2	V\$TATA_01	0.771378	9580	(+)	STATAAAWRNNNNNN	CCATAAGTAAAATTG
M0021						
6	V\$TATA_C	0.743068	9603	(+)	NCTATAAAAR	TCATTAATAT
M0021						
6	V\$TATA_C	0.761025	9670	(+)	NCTATAAAAR	ATTTTAAAAA
M0021						
6	V\$TATA_C	0.890151	9671	(+)	NCTATAAAAR	TTTTTAAAAA
M0021						
6	V\$TATA_C	0.768154	9672	(+)	NCTATAAAAR	TTTTAAAAAA
M0025						
2	V\$TATA_01	0.798528	9672	(+)	STATAAAWRNNNNNN	TTTTAAAAAATAATT
M0021						
6	V\$TATA_C	0.77634	9673	(+)	NCTATAAAAR	TTTAAAAAAT
M0025						
2	V\$TATA_01	0.785587	9709	(+)	STATAAAWRNNNNNN	GTAGAAATAACATCA
M0025						
2	V\$TATA_01	0.796752	9729	(+)	STATAAAWRNNNNNN	AGATTAATAGCCCCCT
M0021						
6	V\$TATA_C	0.816477	9790	(+)	NCTATAAAAR	ACTTGAAAAT
M0021						
6	V\$TATA_C	0.767098	9818	(+)	NCTATAAAAR	GGTATCTAAG
M0025						
2	V\$TATA_01	0.806394	9819	(+)	STATAAAWRNNNNNN	GTATCTAAGCAACCG
M0025						
2	V\$TATA_01	0.774676	9874	(+)	STATAAAWRNNNNNN	GAACAAATACAAACT
M0021						
6	V\$TATA_C	0.800634	9908	(+)	NCTATAAAAR	TCATTATAAT
M0021						
6	V\$TATA_C	0.786639	9910	(+)	NCTATAAAAR	ATTATAATAA
M0025						
2	V\$TATA_01	0.790409	9911	(+)	STATAAAWRNNNNNN	TTATAATAATACAAA
M0025						
2	V\$TATA_01	0.773154	9919	(+)	STATAAAWRNNNNNN	ATACAAAATTGTATT
M0021						
6	V\$TATA_C	0.755743	9938	(+)	NCTATAAAAR	AGAATTAAAG
M0021						
6	V\$TATA_C	0.772379	9955	(+)	NCTATAAAAR	ATTTTAAATG
M0025						
2	V\$TATA_01	0.777721	9955	(+)	STATAAAWRNNNNNN	ATTTTAAATGGGGTT
M0025						
2	V\$TATA_01	0.829739	9956	(+)	STATAAAWRNNNNNN	TTTTAAATGGGGTTT
M0021						
6	V\$TATA_C	0.811724	9971	(+)	NCTATAAAAR	GCTTTTAAAT
M0021						
6	V\$TATA_C	0.767626	9972	(+)	NCTATAAAAR	CTTTTAAATA
M0025						
2	V\$TATA_01	0.784065	9973	(+)	STATAAAWRNNNNNN	TTTTAAATATGTTTT
M0021						
6	V\$TATA_C	0.751518	10019	(+)	NCTATAAAAR	TGAATAATAA
M0025						
2	V\$TATA_01	0.858412	10083	(+)	STATAAAWRNNNNNN	CTATTTATGCTGAGA
M0021						
6	V\$TATA_C	0.961183	10257	(+)	NCTATAAAAR	TCCATAAAAA
M0021						
6	V\$TATA_C	0.74254	10258	(+)	NCTATAAAAR	CCATAAAAAAT
M0025						
2	V\$TATA_01	0.869576	10258	(+)	STATAAAWRNNNNNN	CCATAAAAAATGCTTG
M0021						
6	V\$TATA_C	0.777132	10273	(+)	NCTATAAAAR	CTCATGAAAG

M0025						
2	V\$TATA_01	0.777468	10274	(+)	STATAAAWRNNNNNN	TCATGAAAGCACAGA
M0021						
6	V\$TATA_C	0.762873	10292	(+)	NCTATAAAAR	GCCAAATAAA
M0021						
6	V\$TATA_C	0.78611	10305	(+)	NCTATAAAAR	TCCATTTAAG
M0025						
2	V\$TATA_01	0.819589	10306	(+)	STATAAAWRNNNNNN	CCATTTAAGGAAACT
M0021						
6	V\$TATA_C	0.752839	10327	(+)	NCTATAAAAR	TCTGAAAAA
M0021						
6	V\$TATA_C	0.752839	10378	(+)	NCTATAAAAR	TCTCTAAGAA
M0021						
6	V\$TATA_C	0.756007	10380	(+)	NCTATAAAAR	TCTAAGAAAG
M0021						
6	V\$TATA_C	0.814629	10433	(+)	NCTATAAAAR	TGTATGAAAT
M0025						
2	V\$TATA_01	0.820096	10434	(+)	STATAAAWRNNNNNN	GTATGAAATGGAAAT
M0021						
6	V\$TATA_C	0.890151	10536	(+)	NCTATAAAAR	CCAATAAAAT
M0025						
2	V\$TATA_01	0.774423	10537	(+)	STATAAAWRNNNNNN	CAATAAAATGTTTCAT
M0025						
2	V\$TATA_01	0.773662	10706	(+)	STATAAAWRNNNNNN	GTATCAATTAGCACA
M0021						
6	V\$TATA_C	0.757064	10754	(+)	NCTATAAAAR	ACTGTAATAG
M0021						
6	V\$TATA_C	0.747821	10807	(+)	NCTATAAAAR	GCAATTAAAC
M0025						
2	V\$TATA_01	0.77696	10887	(+)	STATAAAWRNNNNNN	CTATGTGTAGGAAGA
M0021						
6	V\$TATA_C	0.789015	10969	(+)	NCTATAAAAR	TGTTTAAAGT
M0025						
2	V\$TATA_01	0.855113	10970	(+)	STATAAAWRNNNNNN	GTTTAAAGTCCAAGG
M0025						
2	V\$TATA_01	0.818828	10987	(+)	STATAAAWRNNNNNN	ATTTAAATATATCTG
M0025						
2	V\$TATA_01	0.775184	10991	(+)	STATAAAWRNNNNNN	AAATATATCTGTACT
M0021						
6	V\$TATA_C	0.762873	11178	(+)	NCTATAAAAR	TGAATGAAAG
M0022						
3	V\$STAT_01	0.846483	208	(-)	TTCCCRKAA	TTAGGTGAA
M0022						
3	V\$STAT_01	0.815478	271	(+)	TTCCCRKAA	TTCTCATAG
M0022						
3	V\$STAT_01	0.826821	300	(-)	TTCCCRKAA	TTTCAGTAA
M0022						
3	V\$STAT_01	0.796068	410	(+)	TTCCCRKAA	TTCTGGTAG
M0022						
3	V\$STAT_01	0.822536	410	(-)	TTCCCRKAA	TTCTGGTAG
M0022						
3	V\$STAT_01	0.8606	711	(+)	TTCCCRKAA	TTTCTGGAA
M0022						
3	V\$STAT_01	0.792034	711	(-)	TTCCCRKAA	TTTCTGGAA
M0022						
3	V\$STAT_01	0.81699	712	(+)	TTCCCRKAA	TTCTGGAAA
M0022						
3	V\$STAT_01	0.870179	712	(-)	TTCCCRKAA	TTCTGGAAA
M0022						
3	V\$STAT_01	0.905218	759	(+)	TTCCCRKAA	TTCTTATAA
M0022						
5	V\$STAT3_01	0.724258	845	(-)	NGNNATTTCCSGGAARTGNNN	AGTCATGTCATGGATATACCA
M0022						
3	V\$STAT_01	0.8606	911	(+)	TTCCCRKAA	TTCATGGAA
M0022						
3	V\$STAT_01	0.792034	911	(-)	TTCCCRKAA	TTCATGGAA

M0022						
3	V\$STAT_01	0.817746	1088	(-)	TTCCCRKAA	TAAGAGGAA
M0022						
3	V\$STAT_01	0.799849	1164	(+)	TTCCCRKAA	TTCTGACAA
M0022						
3	V\$STAT_01	0.826317	1164	(-)	TTCCCRKAA	TTCTGACAA
M0022						
3	V\$STAT_01	0.861356	1362	(+)	TTCCCRKAA	TTATTATAA
M0022						
3	V\$STAT_01	0.818503	1381	(-)	TTCCCRKAA	TGTTGGGAA
M0022						
3	V\$STAT_01	0.799597	1424	(+)	TTCCCRKAA	TTATTATCA
M0022						
3	V\$STAT_01	0.8243	1603	(-)	TTCCCRKAA	TACTGAGAA
M0022						
3	V\$STAT_01	0.791782	1838	(-)	TTCCCRKAA	TGACATGAA
M0022						
4	V\$STAT1_01	0.722542	1846	(-)	NNNSANTTCCGGGAANTGNSN	AGCTCTTTCCTGCATCCGTT
M0022						
3	V\$STAT_01	0.835644	1852	(+)	TTCCCRKAA	TTCCCTGCA
M0022						
3	V\$STAT_01	0.8364	2108	(+)	TTCCCRKAA	TTCTCAAAA
M0022						
3	V\$STAT_01	0.8606	2220	(-)	TTCCCRKAA	TGACAAGAA
M0022						
3	V\$STAT_01	0.826569	2234	(+)	TTCCCRKAA	TTCAGATAA
M0022						
3	V\$STAT_01	0.80968	2234	(-)	TTCCCRKAA	TTCAGATAA
M0022						
3	V\$STAT_01	0.8606	2439	(-)	TTCCCRKAA	TGACAGTAA
M0022						
3	V\$STAT_01	0.80968	2449	(-)	TTCCCRKAA	TTACAAAAA
M0022						
3	V\$STAT_01	0.802622	2707	(-)	TTCCCRKAA	TTAGGAAAA
M0022						
3	V\$STAT_01	0.866398	2956	(+)	TTCCCRKAA	CTCCCAGAA
M0022						
3	V\$STAT_01	0.803126	2956	(-)	TTCCCRKAA	CTCCCAGAA
M0022						
5	V\$STAT3_01	0.723968	3115	(+)	NGNNATTTCCSGGAARTGNNN	TTGTTTTTCACAGAAATATCC
M0022						
5	V\$STAT3_01	0.735409	3115	(-)	NGNNATTTCCSGGAARTGNNN	TTGTTTTTCACAGAAATATCC
M0022						
3	V\$STAT_01	0.870179	3121	(+)	TTCCCRKAA	TTCACAGAA
M0022						
3	V\$STAT_01	0.81699	3121	(-)	TTCCCRKAA	TTCACAGAA
M0022						
3	V\$STAT_01	0.866398	3143	(+)	TTCCCRKAA	TACCCAGAA
M0022						
3	V\$STAT_01	0.80489	3143	(-)	TTCCCRKAA	TACCCAGAA
M0022						
3	V\$STAT_01	0.902445	3180	(+)	TTCCCRKAA	TTCTGAGAA
M0022						
3	V\$STAT_01	0.938997	3180	(-)	TTCCCRKAA	TTCTGAGAA
M0022						
3	V\$STAT_01	0.795815	3344	(+)	TTCCCRKAA	ATCTTAGAA
M0022						
3	V\$STAT_01	0.815982	3565	(+)	TTCCCRKAA	GTCTCTTAA
M0022						
3	V\$STAT_01	0.796068	3837	(+)	TTCCCRKAA	GTCTGGTAA
M0022						
3	V\$STAT_01	0.822536	3837	(-)	TTCCCRKAA	GTCTGGTAA
M0022						
3	V\$STAT_01	0.839677	3889	(+)	TTCCCRKAA	ATCCTAGAA
M0022						
3	V\$STAT_01	0.846483	3917	(+)	TTCCCRKAA	TTACACCTAA

M0022						
3	V\$STAT_01	0.792538	4004	(+)	TTCCCRKAA	TTTTTATAA
M0022						
3	V\$STAT_01	0.849761	4028	(-)	TTCCCRKAA	CTACAGGAA
M0022						
3	V\$STAT_01	0.888581	4091	(+)	TTCCCRKAA	TTCTTCTAA
M0022						
3	V\$STAT_01	0.826821	4113	(+)	TTCCCRKAA	TTCTTGAAA
M0022						
3	V\$STAT_01	0.81573	4190	(+)	TTCCCRKAA	TTCCAAGCA
M0022						
3	V\$STAT_01	0.812957	4190	(-)	TTCCCRKAA	TTCCAAGCA
M0022						
3	V\$STAT_01	0.819259	4487	(+)	TTCCCRKAA	TTAACATAA
M0022						
3	V\$STAT_01	0.812957	4598	(-)	TTCCCRKAA	CTCCAGTAA
M0022						
4	V\$STAT1_01	0.737362	4635	(-)	NNNSANTTCCGGAANTGNSN	TGCCTTTTTATGGAAATAAAC
M0022						
5	V\$STAT3_01	0.710934	4635	(-)	NGNNATTTCCSGGAARTGNNN	TGCCTTTTTATGGAAATAAAC
M0022						
3	V\$STAT_01	0.863121	4642	(-)	TTCCCRKAA	TTATGGAAA
M0022						
3	V\$STAT_01	0.815478	4913	(+)	TTCCCRKAA	TTCTCATAG
M0022						
3	V\$STAT_01	0.800605	4977	(-)	TTCCCRKAA	TAAGGAGAA
M0022						
3	V\$STAT_01	0.822536	5099	(-)	TTCCCRKAA	TTCTGAGAG
M0022						
3	V\$STAT_01	0.802622	5145	(-)	TTCCCRKAA	TTAAGATAA
M0022						
4	V\$STAT1_01	0.753334	5227	(-)	NNNSANTTCCGGAANTGNSN	TTATACTTCCCATAAACTTTC
M0022						
5	V\$STAT3_01	0.720782	5227	(+)	NGNNATTTCCSGGAARTGNNN	TTATACTTCCCATAAACTTTC
M0022						
3	V\$STAT_01	0.9758	5233	(+)	TTCCCRKAA	TTCCCATAA
M0022						
3	V\$STAT_01	0.875725	5233	(-)	TTCCCRKAA	TTCCCATAA
M0022						
3	V\$STAT_01	0.8243	5266	(-)	TTCCCRKAA	TACTGAGAA
M0022						
3	V\$STAT_01	0.795815	5449	(-)	TTCCCRKAA	CTCTAAGAA
M0022						
3	V\$STAT_01	0.826821	5486	(+)	TTCCCRKAA	TTCTTGAAA
M0022						
3	V\$STAT_01	0.841442	5648	(-)	TTCCCRKAA	TACTAGGAA
M0022						
5	V\$STAT3_01	0.789283	5717	(-)	NGNNATTTCCSGGAARTGNNN	AAACATTTCTTTAAATACCC
M0022						
3	V\$STAT_01	0.863625	5723	(+)	TTCCCRKAA	TTCTTTTAA
M0022						
3	V\$STAT_01	0.826821	5793	(-)	TTCCCRKAA	TTCAAAGAA
M0022						
3	V\$STAT_01	0.792538	6004	(+)	TTCCCRKAA	TTAATATAA
M0022						
3	V\$STAT_01	0.819763	6062	(-)	TTCCCRKAA	TTAAAAGAA
M0022						
3	V\$STAT_01	0.792538	6093	(+)	TTCCCRKAA	TTATCACAA
M0022						
3	V\$STAT_01	0.888077	6279	(+)	TTCCCRKAA	TTATCATAA
M0022						
3	V\$STAT_01	0.851525	6279	(-)	TTCCCRKAA	TTATCATAA
M0022						
3	V\$STAT_01	0.8243	6313	(+)	TTCCCRKAA	TTCTCAGGA
M0022						
3	V\$STAT_01	0.795059	6469	(-)	TTCCCRKAA	AGCCAGGAA

M0022						
3	V\$STAT_01	0.79758	6715	(+)	TTCCCRKAA	TTACTAGTA
M0022						
4	V\$STAT1_01	0.735057	6774	(-)	NNNSANTTCCGGAANTGNSN	GGTCCTTTCCCTGATTTTCAT
M0022						
5	V\$STAT3_01	0.718465	6774	(+)	NGNNATTTCCSGGAARTGNNN	GGTCCTTTCCCTGATTTTCAT
M0022						
5	V\$STAT3_01	0.721651	6774	(-)	NGNNATTTCCSGGAARTGNNN	GGTCCTTTCCCTGATTTTCAT
M0022						
3	V\$STAT_01	0.878498	6894	(+)	TTCCCRKAA	TTATTGTAA
M0022						
3	V\$STAT_01	0.826569	6894	(-)	TTCCCRKAA	TTATTGTAA
M0022						
5	V\$STAT3_01	0.728892	6969	(+)	NGNNATTTCCSGGAARTGNNN	TCCTGCTTCCAGGACACCTGT
M0022						
5	V\$STAT3_01	0.722375	6969	(-)	NGNNATTTCCSGGAARTGNNN	TCCTGCTTCCAGGACACCTGT
M0022						
3	V\$STAT_01	0.856819	6975	(-)	TTCCCRKAA	TTCCAGGAC
M0022						
3	V\$STAT_01	0.843459	7008	(+)	TTCCCRKAA	TTCTTATCA
M0022						
3	V\$STAT_01	0.808924	7080	(+)	TTCCCRKAA	TTCTGCCA
M0022						CGTGACTTAGGGGAAA-
4	V\$STAT1_01	0.774741	7507	(+)	NNNSANTTCCGGAANTGNSN	GAAAA
M0022						CGTGACTTAGGGGAAA-
4	V\$STAT1_01	0.743455	7507	(-)	NNNSANTTCCGGAANTGNSN	GAAAA
M0022						CGTGACTTAGGGGAAA-
5	V\$STAT3_01	0.724403	7507	(+)	NGNNATTTCCSGGAARTGNNN	GAAAA
M0022						CGTGACTTAGGGGAAA-
5	V\$STAT3_01	0.751195	7507	(-)	NGNNATTTCCSGGAARTGNNN	GAAAA
M0022						
3	V\$STAT_01	0.806907	7513	(+)	TTCCCRKAA	TTAGGGGAA
M0022						
3	V\$STAT_01	0.959163	7513	(-)	TTCCCRKAA	TTAGGGGAA
M0022						
3	V\$STAT_01	0.81573	7620	(+)	TTCCCRKAA	TTCCAAGCA
M0022						
3	V\$STAT_01	0.812957	7620	(-)	TTCCCRKAA	TTCCAAGCA
M0022						CTGGGGTTCTGGGAA-
4	V\$STAT1_01	0.75284	7669	(+)	NNNSANTTCCGGAANTGNSN	GCCCAG
M0022						CTGGGGTTCTGGGAA-
4	V\$STAT1_01	0.73835	7669	(-)	NNNSANTTCCGGAANTGNSN	GCCCAG
M0022						CTGGGGTTCTGGGAA-
5	V\$STAT3_01	0.746271	7669	(+)	NGNNATTTCCSGGAARTGNNN	GCCCAG
M0022						CTGGGGTTCTGGGAA-
5	V\$STAT3_01	0.725127	7669	(-)	NGNNATTTCCSGGAARTGNNN	GCCCAG
M0022						
3	V\$STAT_01	0.919587	7675	(+)	TTCCCRKAA	TTCTGGGAA
M0022						
3	V\$STAT_01	0.982859	7675	(-)	TTCCCRKAA	TTCTGGGAA
M0022						
3	V\$STAT_01	0.792538	7721	(+)	TTCCCRKAA	TTATCACAA
M0022						
3	V\$STAT_01	0.795815	7750	(-)	TTCCCRKAA	TTCTAGTCA
M0022						
3	V\$STAT_01	0.802622	8289	(+)	TTCCCRKAA	TTTCTCTAA
M0022						
4	V\$STAT1_01	0.726	8303	(-)	NNNSANTTCCGGAANTGNSN	TTGCCCTTCCCAGATTTTGAT
M0022						
3	V\$STAT_01	0.866398	8309	(+)	TTCCCRKAA	TTCCCAGAT
M0022						
3	V\$STAT_01	0.803126	8309	(-)	TTCCCRKAA	TTCCCAGAT
M0022						
3	V\$STAT_01	0.843711	8348	(+)	TTCCCRKAA	TTACAGTAA
M0022						
3	V\$STAT_01	0.922359	8348	(-)	TTCCCRKAA	TTACAGTAA

M0022						
3	V\$STAT_01	0.802622	8454	(+)	TTCCCRKAA	TTAACCTAA
M0022						
3	V\$STAT_01	0.863625	8500	(+)	TTCCCRKAA	TTCTTTAA
M0022						
3	V\$STAT_01	0.819763	8511	(-)	TTCCCRKAA	TTGGGAGAA
M0022						
4	V\$STAT1_01	0.816565	8561	(+)	NNNSANTTCCGGAANTGNSN	TGGAGTTTCTGGGAATTCAGT
M0022						
4	V\$STAT1_01	0.737362	8561	(-)	NNNSANTTCCGGAANTGNSN	TGGAGTTTCTGGGAATTCAGT
M0022						
5	V\$STAT3_01	0.825199	8561	(+)	NGNNATTTCCSGGAARTGNNN	TGGAGTTTCTGGGAATTCAGT
M0022						
5	V\$STAT3_01	0.777987	8561	(-)	NGNNATTTCCSGGAARTGNNN	TGGAGTTTCTGGGAATTCAGT
M0022						
3	V\$STAT_01	0.919587	8567	(+)	TTCCCRKAA	TTCTGGGAA
M0022						
3	V\$STAT_01	0.982859	8567	(-)	TTCCCRKAA	TTCTGGGAA
M0022						
3	V\$STAT_01	0.805899	8734	(-)	TTCCCRKAA	TTACAGTTA
M0022						
4	V\$STAT1_01	0.746583	8770	(+)	NNNSANTTCCGGAANTGNSN	GTATTCTTACCTGAAATGTAA
M0022						
4	V\$STAT1_01	0.730611	8770	(-)	NNNSANTTCCGGAANTGNSN	GTATTCTTACCTGAAATGTAA
M0022						
5	V\$STAT3_01	0.740478	8770	(-)	NGNNATTTCCSGGAARTGNNN	GTATTCTTACCTGAAATGTAA
M0022						
3	V\$STAT_01	0.853542	8776	(+)	TTCCCRKAA	TTACCTGAA
M0022						
3	V\$STAT_01	0.843711	8776	(-)	TTCCCRKAA	TTACCTGAA
M0022						
3	V\$STAT_01	0.812957	8845	(-)	TTCCCRKAA	TTCCAGTAC
M0022						
3	V\$STAT_01	0.826317	8948	(+)	TTCCCRKAA	TTAGCAGAA
M0022						
3	V\$STAT_01	0.87875	8948	(-)	TTCCCRKAA	TTAGCAGAA
M0022						
3	V\$STAT_01	0.796068	8992	(+)	TTCCCRKAA	ATCTGGTAA
M0022						
3	V\$STAT_01	0.822536	8992	(-)	TTCCCRKAA	ATCTGGTAA
M0022						
3	V\$STAT_01	0.826821	9042	(-)	TTCCCRKAA	TGAGAAGAA
M0022						
3	V\$STAT_01	0.790522	9098	(-)	TTCCCRKAA	TCATAGTAA
M0022						
3	V\$STAT_01	0.853542	9338	(+)	TTCCCRKAA	TTGCTGTAA
M0022						
3	V\$STAT_01	0.819763	9483	(+)	TTCCCRKAA	TTCATCTAA
M0022						
3	V\$STAT_01	0.805899	9619	(+)	TTCCCRKAA	TCACTGTAA
M0022						
3	V\$STAT_01	0.807663	9640	(-)	TTCCCRKAA	TAACAGTAA
M0022						
3	V\$STAT_01	0.8243	9754	(-)	TTCCCRKAA	TCCTGAGAA
M0022						
3	V\$STAT_01	0.826821	9788	(+)	TTCCCRKAA	TTACTTGAA
M0022						
3	V\$STAT_01	0.804638	9799	(-)	TTCCCRKAA	TGCTGGGAT
M0022						
3	V\$STAT_01	0.861356	9911	(-)	TTCCCRKAA	TTATAATAA
M0022						
3	V\$STAT_01	0.826821	9987	(-)	TTCCCRKAA	TTTCAAGAA
M0022						
3	V\$STAT_01	0.8606	10061	(+)	TTCCCRKAA	TTACTGTCA
M0022						
3	V\$STAT_01	0.819763	10142	(+)	TTCCCRKAA	TTACTTTAA

M0022						
4	V\$STAT1_01	0.745266	10223	(-)	NNNSANTTCCGGAANTGNSN	CTTTATTTTCCCAAATTCAC
M0022						
4	V\$STAT1_01	0.755804	10304	(+)	NNNSANTTCCGGAANTGNSN	TTCCATTTAAGGAACTGTAG
M0022						
4	V\$STAT1_01	0.722707	10304	(-)	NNNSANTTCCGGAANTGNSN	TTCCATTTAAGGAACTGTAG
M0022						
3	V\$STAT_01	0.795815	10379	(-)	TTCCCRKAA	CTCTAAGAA
M0022						
4	V\$STAT1_01	0.767166	10406	(-)	NNNSANTTCCGGAANTGNSN	AATCTTATCCCGGAACTTGTG
M0022						
5	V\$STAT3_01	0.730775	10406	(-)	NGNNATTTCCSGGAARTGNNN	AATCTTATCCCGGAACTTGTG
M0022						
3	V\$STAT_01	0.883539	10412	(+)	TTCCCRKAA	ATCCCGGAA
M0022						
3	V\$STAT_01	0.846988	10412	(-)	TTCCCRKAA	ATCCCGGAA
M0022						
3	V\$STAT_01	0.915301	10558	(+)	TTCCCRKAA	TTCTCCTAA
M0022						
3	V\$STAT_01	0.799849	10610	(+)	TTCCCRKAA	TTCTGACAA
M0022						
3	V\$STAT_01	0.826317	10610	(-)	TTCCCRKAA	TTCTGACAA
M0022						
3	V\$STAT_01	0.805899	10752	(+)	TTCCCRKAA	TGACTGTAA
M0022						
3	V\$STAT_01	0.8364	10802	(-)	TTCCCRKAA	TTATAGCAA TAAGACTTTAGGGAAAA- GAGC
M0022						
4	V\$STAT1_01	0.786267	10827	(+)	NNNSANTTCCGGAANTGNSN	TAAGACTTTAGGGAAAA- GAGC
M0022						
5	V\$STAT3_01	0.737002	10827	(-)	NGNNATTTCCSGGAARTGNNN	
M0022						
3	V\$STAT_01	0.794807	10833	(-)	TTCCCRKAA	TTTAGGGAA
M0022						
3	V\$STAT_01	0.846483	10834	(-)	TTCCCRKAA	TTAGGGAAA
M0022						
3	V\$STAT_01	0.795815	11028	(-)	TTCCCRKAA	ATCTAAGAA
M0022						
3	V\$STAT_01	0.822536	11120	(+)	TTCCCRKAA	TGCTCAGAA
M0022						
3	V\$STAT_01	0.840686	11120	(-)	TTCCCRKAA	TGCTCAGAA
CSN1S2_Camelus ferus						
M0013		0.7655				
5	V\$OCT1_01	48	2	(+)	NNNNWTATGCAAATNTNNN	GGAAATAAGGTAATATTTT
M0016		0.8472				
2	V\$OCT1_06	66	5	(+)	CWNAWTKWSATRYN	AATAAGGTAATATT
M0013		0.8787			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	12	9	(-)	NW	AGGTAATATTTTCATTTATCTC
M0013		0.7888				
5	V\$OCT1_01	21	11	(-)	NNNNWTATGCAAATNTNNN	GTAATATTTTCATTTATCT
M0016						
2	V\$OCT1_06	0.9375	13	(+)	CWNAWTKWSATRYN	AATATTTTCATTTA
M0019		0.8223				
5	V\$OCT1_Q6	25	13	(-)	NNNNATGCAAATNAN	AATATTTTCATTTAT
M0024		0.8123				
8	V\$OCT1_07	81	13	(+)	TNTATGNTAATT	AATATTTTCATT
M0013		0.8182			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	77	49	(+)	NW	TTATGACTTTGTAAAACTTAATA
M0016		0.8003				
2	V\$OCT1_06	91	53	(+)	CWNAWTKWSATRYN	GACTTTGTAAAACT
M0013		0.8403				
7	V\$OCT1_03	79	63	(+)	NNNRATAATNANNN	AACTTAATAACAA
M0013		0.7883				
6	V\$OCT1_02	05	115	(+)	NNGAATATKCANNNN	CTTAAGATGCACTGA
M0016		0.8421				
2	V\$OCT1_06	87	140	(-)	CWNAWTKWSATRYN	GATAACTAATTGTT

M0013		0.8403				
7	V\$OCT1_03	79	143	(-)	NNNRTAATNANNN	AACTAATTGTTTG
M0016		0.8042				
2	V\$OCT1_06	97	163	(+)	CWNAWTKWSATRYN	CTGATTTACCTCCT
M0019		0.8365				
5	V\$OCT1_Q6	17	163	(-)	NNNNATGCAAATNAN	CTGATTTACCTCCTT
M0013		0.7973			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	65	179	(-)	NW	TCAGTGCTTCTGAATACAATTAA
M0019		0.8269				
5	V\$OCT1_Q6	65	188	(+)	NNNNATGCAAATNAN	CTGAATACAATTAAC
M0016		0.8476				
2	V\$OCT1_06	56	189	(-)	CWNAWTKWSATRYN	TGAATACAATTAAC
M0013		0.7623				
5	V\$OCT1_01	04	192	(-)	NNNNWTATGCAAATNTNNN	ATACAATTAACGTATAGAT
M0024		0.8903				
8	V\$OCT1_07	96	196	(-)	TNTATGNTAATT	AATTAACGTATA
M0013		0.7567				
5	V\$OCT1_01	72	301	(+)	NNNNWTATGCAAATNTNNN	TTCTACCTGCTAATTCTTC
M0024		0.8431				
8	V\$OCT1_07	21	304	(+)	TNTATGNTAATT	TACCTGCTAATT
M0013		0.8877				
7	V\$OCT1_03	91	317	(-)	NNNRTAATNANNN	TTCTCCTTATGAG
M0016		0.8527				
2	V\$OCT1_06	34	364	(+)	CWNAWTKWSATRYN	CTGATTTAAAAATT
M0013		0.7346				
5	V\$OCT1_01	43	379	(-)	NNNNWTATGCAAATNTNNN	GTTCTCTTGCATTTTGCA
M0013		0.8010				
6	V\$OCT1_02	29	383	(-)	NNGAATATKCANNNN	CTCTTGCATTTTGCA
M0013		0.8640			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	74	384	(-)	NW	TCTTGCATTTTGCATTCTGATA
M0013		0.8124				
5	V\$OCT1_01	76	386	(-)	NNNNWTATGCAAATNTNNN	TTGCATTTTGCATTCTGA
M0016		0.8085				
2	V\$OCT1_06	94	388	(+)	CWNAWTKWSATRYN	GCATTTTGCATTTC
M0019		0.8537				
5	V\$OCT1_Q6	12	388	(-)	NNNNATGCAAATNAN	GCATTTTGCATTCT
M0016		0.8343				
2	V\$OCT1_06	75	394	(-)	CWNAWTKWSATRYN	TGCATTTCTGATAG
M0016		0.8527				
2	V\$OCT1_06	34	401	(+)	CWNAWTKWSATRYN	CTGATAGTCATTCT
M0019		0.8231				
5	V\$OCT1_Q6	44	430	(+)	NNNNATGCAAATNAN	AGAGTTGTAAATAAT
M0013		0.8407				
7	V\$OCT1_03	74	433	(+)	NNNRTAATNANNN	GTTGTAAATAATA
M0013		0.8423			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	25	436	(-)	NW	GTAAATAATATGCATATGTCAAT
M0016		0.8121				
2	V\$OCT1_06	09	436	(+)	CWNAWTKWSATRYN	GTAAATAATATGCA
M0013		0.8801			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	76	437	(+)	NW	TAAATAATATGCATATGTCAATA
M0013		0.8302				
5	V\$OCT1_01	17	438	(-)	NNNNWTATGCAAATNTNNN	AAATAATATGCATATGTCA
M0013		0.8557				
5	V\$OCT1_01	8	439	(+)	NNNNWTATGCAAATNTNNN	AATAATATGCATATGTCAA
M0013		0.9296				
6	V\$OCT1_02	16	439	(+)	NNGAATATKCANNNN	AATAATATGCATATG
M0016		0.9010				
1	V\$OCT1_05	46	440	(+)	MKNATTTGCATAYY	ATAATATGCATATG
M0016		0.8265				
2	V\$OCT1_06	62	440	(+)	CWNAWTKWSATRYN	ATAATATGCATATG
M0019		0.8171				
5	V\$OCT1_Q6	4	440	(-)	NNNNATGCAAATNAN	ATAATATGCATATGT
M0013		0.8429				
6	V\$OCT1_02	89	442	(-)	NNGAATATKCANNNN	AATATGCATATGTCA
M0016		0.8343				
2	V\$OCT1_06	75	442	(-)	CWNAWTKWSATRYN	AATATGCATATGTC

M0024		0.8284				
8	V\$OCT1_07	93	442	(-)	TNTATGNTAATT	AATATGCATATG
M0013		0.8471			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	35	443	(+)	NW	ATATGCATATGTCAATAATATAT
M0013		0.7748				
5	V\$OCT1_01	95	445	(+)	NNNNWTATGCAAATNTNNN	ATGCATATGTCAATAATAT
M0013		0.7945				
6	V\$OCT1_02	32	445	(+)	NNGAATATKCANNNN	ATGCATATGTCAATA
M0019		0.8324				
5	V\$OCT1_Q6	24	447	(+)	NNNNATGCAAATNAN	GCATATGTCAATAAT
M0016						
2	V\$OCT1_06	0.9375	448	(-)	CWNAWTKWSATRYN	CATATGTCAATAAT
M0013		0.8343			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	79	454	(+)	NW	TCAATAATATATAAATAATATAT
M0013		0.8145			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	13	455	(-)	NW	CAATAATATATAAATAATATATA
M0013		0.7508				
5	V\$OCT1_01	58	456	(+)	NNNNWTATGCAAATNTNNN	AATAATATATAAATAATAT
M0013		0.7996			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	65	456	(+)	NW	AATAATATATAAATAATATATAA
M0019		0.8277				
5	V\$OCT1_Q6	84	458	(+)	NNNNATGCAAATNAN	TAATATATAAATAAT
M0016		0.8734				
2	V\$OCT1_06	37	459	(-)	CWNAWTKWSATRYN	AATATATAAATAAT
M0016		0.8042				
2	V\$OCT1_06	97	464	(+)	CWNAWTKWSATRYN	ATAAATAATATATA
M0013		0.8053			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	12	465	(+)	NW	TAAATAATATATAAATTTTTTTC
M0013		0.8126			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	31	466	(-)	NW	AAATAATATATAAATTTTTTCA
M0024		0.7935				
8	V\$OCT1_07	13	466	(-)	TNTATGNTAATT	AAATAATATATA
M0013		0.7935				
5	V\$OCT1_01	9	467	(+)	NNNNWTATGCAAATNTNNN	AATAATATATAAATTTTTT
M0016		0.8343				
2	V\$OCT1_06	75	470	(+)	CWNAWTKWSATRYN	AATATATAAATTTT
M0016		0.8812				
2	V\$OCT1_06	5	470	(-)	CWNAWTKWSATRYN	AATATATAAATTTT
M0024		0.8482				
8	V\$OCT1_07	09	470	(+)	TNTATGNTAATT	AATATATAAATT
M0013		0.8383			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	52	475	(-)	NW	ATAAATTTTTTTCATTACTGTAT
M0016		0.8136				
2	V\$OCT1_06	72	479	(+)	CWNAWTKWSATRYN	ATTTTTTTCATTAC
M0013		0.8881				
7	V\$OCT1_03	86	483	(-)	NNNRATNANNN	TTTTCATTACTGT
M0016		0.8136				
2	V\$OCT1_06	72	514	(+)	CWNAWTKWSATRYN	GTACCTGGCATAGT
M0016		0.8339				
2	V\$OCT1_06	84	525	(-)	CWNAWTKWSATRYN	AGTAGCAAATATTC
M0013		0.8080				
6	V\$OCT1_02	67	526	(-)	NNGAATATKCANNNN	GTAGCAAATATTCCT
M0013		0.8313				
6	V\$OCT1_02	48	529	(+)	NNGAATATKCANNNN	GCAAATATTCCTTAA
M0016		0.8082				
2	V\$OCT1_06	03	532	(-)	CWNAWTKWSATRYN	AATATTCCTTAATT
M0016		0.8531				
2	V\$OCT1_06	25	539	(+)	CWNAWTKWSATRYN	CTTAATTTAATTAG
M0024		0.7933				
8	V\$OCT1_07	01	542	(-)	TNTATGNTAATT	AATTTAATTAGT
M0013		0.8625				
7	V\$OCT1_03	05	543	(-)	NNNRATNANNN	ATTTAATTAGTCA
M0013		0.8419				
7	V\$OCT1_03	6	555	(-)	NNNRATNANNN	AATTAATTAACCA
M0013		0.8406			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	52	633	(-)	NW	ACCAAGATTTTACATTATGTTGT

M0013		0.7596				
5	V\$OCT1_01	34	635	(-)	NNNNWTATGCAAATNTNNN	CAAGATTTTACATTATGTT
M0016		0.8214				
2	V\$OCT1_06	84	637	(+)	CWNAWKWSATRYN	AGATTTTACATTAT
M0016		0.8605				
2	V\$OCT1_06	47	638	(-)	CWNAWKWSATRYN	GATTTTACATTATG
M0024		0.7930				
8	V\$OCT1_07	89	639	(-)	TNTATGNTAATT	ATTTTACATTAT
M0013		0.8553				
7	V\$OCT1_03	93	641	(-)	NNNRATNANNN	TTTACATTATGTT
M0013		0.7806			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	36	646	(+)	NW	ATTATGTTGTGTTAATTTCTCCT
M0013		0.7533				
5	V\$OCT1_01	38	648	(+)	NNNNWTATGCAAATNTNNN	TATGTTGTGTTAATTTCTC
M0024		0.8573				
8	V\$OCT1_07	25	651	(+)	TNTATGNTAATT	GTTGTGTTAATT
M0013		0.8621				
7	V\$OCT1_03	1	662	(-)	NNNRATNANNN	TTCTCCTTATAAA
M0013		0.8403				
7	V\$OCT1_03	79	667	(+)	NNNRATNANNN	CTTATAAAGAACT
M0013		0.7988			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	29	671	(-)	NW	TAAAGAACTTGTCATATTCACAT
M0013		0.7327				
5	V\$OCT1_01	36	673	(-)	NNNNWTATGCAAATNTNNN	AAGAACTTGTCATATTCAC
M0016		0.9242				
2	V\$OCT1_06	19	675	(+)	CWNAWKWSATRYN	GAACTTGTCATATT
M0016		0.8574				
2	V\$OCT1_06	22	676	(-)	CWNAWKWSATRYN	AACCTTGTCATATTC
M0013		0.7707				
6	V\$OCT1_02	09	677	(-)	NNGAATATKCANNNN	ACTTGTCATATTCAC
M0013		0.8099			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	12	677	(-)	NW	ACTTGTCATATTCACATCCATGT
M0013		0.8354				
6	V\$OCT1_02	09	680	(+)	NNGAATATKCANNNN	TGTCATATTCACATC
M0016		0.8382				
2	V\$OCT1_06	81	683	(+)	CWNAWKWSATRYN	CATATTCACATCCA
M0016		0.8085				
2	V\$OCT1_06	94	689	(-)	CWNAWKWSATRYN	CACATCCATGTGTT
M0016		0.8003				
2	V\$OCT1_06	91	692	(+)	CWNAWKWSATRYN	ATCCATGTGTTTCT
M0013		0.7833			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	54	725	(-)	NW	AGTCTTCATTTCCCTTTCCCAAT
M0013		0.8640				
7	V\$OCT1_03	85	741	(-)	NNNRATNANNN	TCCCAATTATTG
M0016		0.8339				
2	V\$OCT1_06	84	745	(+)	CWNAWKWSATRYN	AATTATTGGTACA
M0013		0.8345			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	88	752	(+)	NW	TGGTACAAATATAAATTAATATA
M0013		0.8304			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	06	753	(-)	NW	GGTACAAATATAAATTAATATAT
M0019		0.8149				
5	V\$OCT1_Q6	56	756	(+)	NNNNATGCAAATNAN	ACAAATATAAATTAA
M0013		0.8567			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	54	758	(+)	NW	AAATATAAATTAATATATAATTA
M0013		0.8232			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	96	759	(-)	NW	AATATAAATTAATATATAATTAA
M0013		0.7552				
5	V\$OCT1_01	46	761	(-)	NNNNWTATGCAAATNTNNN	TATAAATTAATATATAATT
M0013		0.8477			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	62	762	(+)	NW	ATAAATTAATATATAATTAATGA
M0024		0.8914				
8	V\$OCT1_07	56	765	(-)	TNTATGNTAATT	AATTAATATATA
M0016		0.8812				
2	V\$OCT1_06	5	769	(-)	CWNAWKWSATRYN	AATATATAATTAAT
M0013		0.8459				
7	V\$OCT1_03	11	771	(+)	NNNRATNANNN	TATATAATTAATG

M0013		0.8415				
7	V\$OCT1_03	65	772	(-)	NNNRATAATNANNN	ATATAATTAATGA
M0013		0.8787				
7	V\$OCT1_03	04	775	(+)	NNNRATAATNANNN	TAATTAATGAGGA
M0016		0.8210				
2	V\$OCT1_06	94	787	(+)	CWNAWTKWSATRYN	AAATATGGGAAATA
M0016		0.8984				
2	V\$OCT1_06	37	796	(+)	CWNAWTKWSATRYN	AAATATGTGATTTC
M0016		0.8121				
2	V\$OCT1_06	09	797	(-)	CWNAWTKWSATRYN	AATATGTGATTTC
M0016		0.8187				
2	V\$OCT1_06	5	804	(-)	CWNAWTKWSATRYN	GATTTCAAAAAGAG
M0013		0.8632				
7	V\$OCT1_03	95	859	(+)	NNNRATAATNANNN	TAAGTAAACATGA
M0016		0.9062				
2	V\$OCT1_06	5	864	(+)	CWNAWTKWSATRYN	AAACATGAAATTTT
M0016		0.9660				
2	V\$OCT1_06	16	865	(-)	CWNAWTKWSATRYN	AACATGAAATTTT
M0013		0.8015			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	47	867	(-)	NW	CATGAAATTTTTCATTTTACCT
M0013		0.7565				
5	V\$OCT1_01	81	869	(-)	NNNNWTATGCAAATNTNNN	TGAAATTTTTCATTTTAC
M0016		0.9113				
2	V\$OCT1_06	28	871	(+)	CWNAWTKWSATRYN	AAATTTTTCATTTT
M0016		0.8550				
2	V\$OCT1_06	78	872	(-)	CWNAWTKWSATRYN	AATTTTTCATTTT
M0013		0.8648				
7	V\$OCT1_03	76	878	(-)	NNNRATAATNANNN	TCATTTTACCTG
M0016		0.8628				
2	V\$OCT1_06	91	879	(+)	CWNAWTKWSATRYN	CATTTTACCTGCC
M0019		0.8400				
5	V\$OCT1_Q6	66	904	(+)	NNNNATGCAAATNAN	GTTCTTGCAAAGCAT
M0013		0.7361				
5	V\$OCT1_01	69	911	(+)	NNNNWTATGCAAATNTNNN	CAAAGCATGTAAGTATAAT
M0016		0.8968				
2	V\$OCT1_06	75	914	(-)	CWNAWTKWSATRYN	AGCATGTAAGTATA
M0013		0.9146				
7	V\$OCT1_03	58	922	(+)	NNNRATAATNANNN	AGTATAATAAGAT
M0016						
2	V\$OCT1_06	0.825	924	(+)	CWNAWTKWSATRYN	TATAATAAGATATT
M0013		0.7915			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	1	926	(-)	NW	TAATAAGATATTTATAAGTACCT
M0013		0.7837			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	72	947	(+)	NW	CTCCTGTTATTTAAATATTAGAA
M0013		0.8354			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	25	948	(-)	NW	TCCTGTTATTTAAATATTAGAAG
M0013		0.7678				
5	V\$OCT1_01	37	949	(+)	NNNNWTATGCAAATNTNNN	CCTGTTATTTAAATATTAG
M0013		0.7758				
5	V\$OCT1_01	49	950	(-)	NNNNWTATGCAAATNTNNN	CTGTTATTTAAATATTAGA
M0016		0.9296				
2	V\$OCT1_06	88	952	(+)	CWNAWTKWSATRYN	GTTATTTAAATATT
M0016		0.8476				
2	V\$OCT1_06	56	952	(-)	CWNAWTKWSATRYN	GTTATTTAAATATT
M0019		0.8182				
5	V\$OCT1_Q6	31	952	(-)	NNNNATGCAAATNAN	GTTATTTAAATATTA
M0013		0.8050				
6	V\$OCT1_02	89	954	(-)	NNGAATATKCANNNN	TATTTAAATATTAGA
M0016		0.8292				
2	V\$OCT1_06	97	974	(+)	CWNAWTKWSATRYN	GACTCTTTTATGCA
M0013		0.7927			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	65	1028	(+)	NW	GTGTGAACCTTTTATAATCAAAGA
M0013		0.8889				
7	V\$OCT1_03	77	1037	(+)	NNNRATAATNANNN	TTTATAATCAAAG
M0016		0.8265				
2	V\$OCT1_06	62	1039	(-)	CWNAWTKWSATRYN	TATAATCAAAGATG

M0005		0.8420				
9	V\$YY1_01	71	15	(+)	NNNNNCCATNTWNNNWN	TATTTTCATTTATCTTC
M0005		0.7726				
9	V\$YY1_01	08	113	(-)	NNNNNCCATNTWNNNWN	ACCTTAAGATGCACTGA
M0005		0.8810				
9	V\$YY1_01	62	336	(+)	NNNNNCCATNTWNNNWN	AGACTCCATGTTTTGGC
M0005		0.8197				
9	V\$YY1_01	9	677	(+)	NNNNNCCATNTWNNNWN	ACTTGTCATATTACAT
M0005		0.7824				
9	V\$YY1_01	38	725	(+)	NNNNNCCATNTWNNNWN	AGTCTTCATTTCCTTT
M0005		0.7876				
9	V\$YY1_01	8	731	(+)	NNNNNCCATNTWNNNWN	CATTTCCCTTTCCCAAT
M0005		0.8034				
9	V\$YY1_01	08	783	(-)	NNNNNCCATNTWNNNWN	GAGGAAATATGGGAAAT
M0005		0.8204				
9	V\$YY1_01	46	834	(+)	NNNNNCCATNTWNNNWN	CAGCCCCATATCTGTTC
M0005		0.8214				
9	V\$YY1_01	29	860	(-)	NNNNNCCATNTWNNNWN	AAGTAAACATGAAATTT
M0005		0.7755				
9	V\$YY1_01	57	910	(+)	NNNNNCCATNTWNNNWN	GCAAAGCATGTAAGTAT
M0005		0.7837				
9	V\$YY1_01	48	984	(-)	NNNNNCCATNTWNNNWN	TGCAGACAATGGCAAGG
M0006		0.8634				
9	V\$YY1_02	42	1040	(-)	NNNCGGCCATCTTGNCTSNW	ATAATCAAAGATGGCACTGG
M0005		0.8679				
9	V\$YY1_01	55	1042	(-)	NNNNNCCATNTWNNNWN	AATCAAAGATGGCACTG
M0020		0.9164				
3	V\$GATA_C	34	19	(-)	NGATAAGNMNN	TTCATTTATCT
M0012		0.7984				
6	V\$GATA1_02	38	20	(-)	NNNNNGATANKGNN	TCATTTATCTTCCT
M0012		0.9358				
7	V\$GATA1_03	16	20	(-)	RNSNNGATAANNGN	TCATTTATCTTCCT
M0012		0.9025				
8	V\$GATA1_04	74	20	(-)	NNCWGATARNNNN	TCATTTATCTTCC
M0007		0.8178				
5	V\$GATA1_01	68	22	(-)	SNNGATNNNN	ATTTATCTTC
M0007		0.8538				
6	V\$GATA2_01	57	22	(-)	NNNGATRNNN	ATTTATCTTC
M0007		0.8466				
7	V\$GATA3_01	99	22	(-)	NNGATARNG	ATTTATCTT
M0012						
6	V\$GATA1_02	0.7775	93	(+)	NNNNNGATANKGNN	TTAAAGAAACTAGT
M0007		0.7862				
5	V\$GATA1_01	78	117	(+)	SNNGATNNNN	TAAGATGCAC
M0007		0.8335				
6	V\$GATA2_01	59	117	(+)	NNNGATRNNN	TAAGATGCAC
M0007		0.8627				
5	V\$GATA1_01	84	129	(+)	SNNGATNNNN	AGAGATTGTT
M0007		0.8421				
6	V\$GATA2_01	29	129	(+)	NNNGATRNNN	AGAGATTGTT
M0007						
7	V\$GATA3_01	0.8786	130	(+)	NNGATARNG	GAGATTGTT
M0007		0.7798				
5	V\$GATA1_01	62	137	(+)	SNNGATNNNN	TTCGATAACT
M0007		0.8137				
6	V\$GATA2_01	12	137	(+)	NNNGATRNNN	TTCGATAACT
M0007		0.7744				
5	V\$GATA1_01	32	162	(+)	SNNGATNNNN	ACTGATTTAC
M0012		0.7737				
6	V\$GATA1_02	5	203	(+)	NNNNNGATANKGNN	GTATAGATGTTGGA
M0007		0.7862				
5	V\$GATA1_01	78	205	(+)	SNNGATNNNN	ATAGATGTTG
M0007		0.8236				
7	V\$GATA3_01	6	206	(+)	NNGATARNG	TAGATGTTG
M0007		0.8494				
5	V\$GATA1_01	57	232	(+)	SNNGATNNNN	CAAGATTCAG

M0007		0.8231				
6	V\$GATA2_01	84	232	(+)	NNNGATRNNN	CAAGATTCAG
M0007		0.8289				
7	V\$GATA3_01	77	233	(+)	NNGATARNG	AAGATTCAG
M0007		0.7884				
6	V\$GATA2_01	53	244	(-)	NNNGATRNNN	GCCTGTCCTA
M0007		0.7714				
5	V\$GATA1_01	71	262	(+)	SNNGATNNNN	TGGGATCAGC
M0007		0.8514				
5	V\$GATA1_01	31	262	(-)	SNNGATNNNN	TGGGATCAGC
M0007		0.8403				
6	V\$GATA2_01	25	262	(+)	NNNGATRNNN	TGGGATCAGC
M0007		0.8416				
6	V\$GATA2_01	78	262	(-)	NNNGATRNNN	TGGGATCAGC
M0012		0.7951				
7	V\$GATA1_03	98	270	(-)	RNSNNGATAANNGN	GCAATTCTCCTTGT
M0012		0.7910				
7	V\$GATA1_03	34	313	(-)	RNSNNGATAANNGN	ATTCTTCTCCTTAT
M0012		0.8272				
8	V\$GATA1_04	06	319	(-)	NNCWGATARNNNN	CTCCTTATGAGGA
M0007		0.7970				
6	V\$GATA2_01	23	321	(-)	NNNGATRNNN	CCTTATGAGG
M0007		0.7808				
5	V\$GATA1_01	49	358	(-)	SNNGATNNNN	TGAAATCTGA
M0007		0.8272				
6	V\$GATA2_01	44	358	(-)	NNNGATRNNN	TGAAATCTGA
M0012		0.8240				
6	V\$GATA1_02	63	398	(+)	NNNNNGATANKGNN	TTTCTGATAGTCAT
M0012		0.8878				
8	V\$GATA1_04	68	399	(+)	NNCWGATARNNNN	TTCTGATAGTCAT
M0007		0.8928				
5	V\$GATA1_01	92	400	(+)	SNNGATNNNN	TCTGATAGTC
M0007		0.9242				
6	V\$GATA2_01	22	400	(+)	NNNGATRNNN	TCTGATAGTC
M0007		0.8657				
7	V\$GATA3_01	51	401	(+)	NNGATARNG	CTGATAGTC
M0020		0.8353				
3	V\$GATA_C	53	402	(+)	NGATAAGNMNN	TGATAGTCATT
M0007		0.8449				
7	V\$GATA3_01	27	419	(+)	NNGATARNG	AAGATTAAA
M0007		0.7974				
6	V\$GATA2_01	74	447	(-)	NNNGATRNNN	GCATATGTCA
M0020		0.8493				
3	V\$GATA_C	32	489	(-)	NGATAAGNMNN	TTACTGTATCT
M0012		0.8759				
6	V\$GATA1_02	38	490	(-)	NNNNNGATANKGNN	TACTGTATCTTCAC
M0012		0.8248				
7	V\$GATA1_03	41	490	(-)	RNSNNGATAANNGN	TACTGTATCTTCAC
M0007		0.8687				
5	V\$GATA1_01	07	492	(-)	SNNGATNNNN	CTGTATCTTC
M0007		0.8930				
6	V\$GATA2_01	99	492	(-)	NNNGATRNNN	CTGTATCTTC
M0007		0.8626				
7	V\$GATA3_01	5	492	(-)	NNGATARNG	CTGTATCTT
M0007		0.8159				
6	V\$GATA2_01	68	519	(+)	NNNGATRNNN	TGGCATAGTA
M0012		0.8109				
6	V\$GATA1_02	37	569	(+)	NNNNNGATANKGNN	TTATACATAGGGTC
M0012		0.8329				
7	V\$GATA1_03	25	589	(-)	RNSNNGATAANNGN	CCTACTAACTTGCT
M0007		0.8208				
5	V\$GATA1_01	29	635	(+)	SNNGATNNNN	CAAGATTTTA
M0007		0.8092				
6	V\$GATA2_01	02	635	(+)	NNNGATRNNN	CAAGATTTTA
M0007		0.8329				
7	V\$GATA3_01	64	636	(+)	NNGATARNG	AAGATTTTA

M0007		0.7938				
6	V\$GATA2_01	66	645	(-)	NNNGATRNNN	CATTATGTTG
M0020		0.8536				
3	V\$GATA_C	81	674	(-)	NGATAAGNMNN	AGAACTTGTC
M0020		0.9176				
3	V\$GATA_C	76	715	(-)	NGATAAGNMNN	TGCTTTTATCA
M0012		0.8031				
6	V\$GATA1_02	25	716	(-)	NNNNNGATANKGNN	GCTTTTATCAGTCT
M0012		0.9186				
7	V\$GATA1_03	67	716	(-)	RNSNNGATAANNGN	GCTTTTATCAGTCT
M0012		0.9329				
8	V\$GATA1_04	04	716	(-)	NNCWGATARNNNN	GCTTTTATCAGTC
M0007		0.8493				
7	V\$GATA3_01	58	718	(-)	NNGATARNG	TTTTATCAG
M0007		0.7916				
6	V\$GATA2_01	1	787	(-)	NNNGATRNNN	AAATATGGGA
M0007		0.7947				
6	V\$GATA2_01	68	796	(-)	NNNGATRNNN	AAATATGTGA
M0007		0.8094				
5	V\$GATA1_01	77	801	(+)	SNNGATNNNN	TGTGATTCA
M0007		0.8159				
6	V\$GATA2_01	68	801	(+)	NNNGATRNNN	TGTGATTCA
M0007		0.8079				
5	V\$GATA1_01	96	828	(-)	SNNGATNNNN	ATTGATCAGC
M0007		0.7861				
6	V\$GATA2_01	98	828	(-)	NNNGATRNNN	ATTGATCAGC
M0007		0.8195				
6	V\$GATA2_01	76	837	(+)	NNNGATRNNN	CCCCATATCT
M0012		0.9034				
6	V\$GATA1_02	38	837	(-)	NNNNNGATANKGNN	CCCCATATCTGTTC
M0012		0.8143				
7	V\$GATA1_03	07	837	(-)	RNSNNGATAANNGN	CCCCATATCTGTTC
M0012		0.9325				
8	V\$GATA1_04	98	837	(-)	NNCWGATARNNNN	CCCCATATCTGTT
M0007		0.8553				
5	V\$GATA1_01	8	839	(-)	SNNGATNNNN	CCATATCTGT
M0007		0.8894				
6	V\$GATA2_01	9	839	(-)	NNNGATRNNN	CCATATCTGT
M0007		0.9167				
7	V\$GATA3_01	04	839	(-)	NNGATARNG	CCATATCTG
M0012		0.8116				
7	V\$GATA1_03	12	880	(-)	RNSNNGATAANNGN	ATTTTACCTGCCT
M0012		0.7836				
7	V\$GATA1_03	84	919	(+)	RNSNNGATAANNGN	GTAAGTATAATAAG
M0012		0.8501				
8	V\$GATA1_04	84	928	(+)	NNCWGATARNNNN	ATAAGATATTTAT
M0007		0.8193				
5	V\$GATA1_01	48	929	(+)	SNNGATNNNN	TAAGATATTT
M0007		0.8944				
6	V\$GATA2_01	52	929	(+)	NNNGATRNNN	TAAGATATTT
M0007		0.8347				
7	V\$GATA3_01	36	930	(+)	NNGATARNG	AAGATATTT
M0012		0.7817				
7	V\$GATA1_03	25	933	(+)	RNSNNGATAANNGN	ATATTTATAAGTAC
M0007		0.7739				
5	V\$GATA1_01	39	949	(+)	SNNGATNNNN	CCTGTTATTT
M0012		0.8633				
7	V\$GATA1_03	02	983	(+)	RNSNNGATAANNGN	ATGCAGACAATGGC
M0021		0.8978				
6	V\$TATA_C	08	39	(+)	NCTATAAAAR	TCTATATAAC
M0025		0.8340				
2	V\$TATA_01	52	40	(+)	STATAAAWRNNNNNN	CTATATAACTTATGA
M0021		0.7694				
6	V\$TATA_C	75	54	(+)	NCTATAAAAR	ACTTTGTAAA
M0021		0.7755				
6	V\$TATA_C	48	56	(+)	NCTATAAAAR	TTTGTA AAAAC

M0021		0.7430				
6	V\$TATA_C	68	64	(+)	NCTATAAAAR	ACTTAATAAC
M0021		0.7528				
6	V\$TATA_C	39	77	(+)	NCTATAAAAR	TCTCCAAAAA
M0021		0.7723				
6	V\$TATA_C	79	89	(+)	NCTATAAAAR	ATTTTTAAAG
M0025		0.7949				
2	V\$TATA_01	76	89	(+)	STATAAAWRNNNNNN	ATTTTTAAAGAACT
M0021		0.7681				
6	V\$TATA_C	54	90	(+)	NCTATAAAAR	TTTTTAAAGA
M0025		0.7746				
2	V\$TATA_01	76	91	(+)	STATAAAWRNNNNNN	TTTTAAAGAACTAG
M0021		0.7890				
6	V\$TATA_C	15	113	(+)	NCTATAAAAR	ACCTTAAGAT
M0021		0.7604				
6	V\$TATA_C	96	320	(+)	NCTATAAAAR	TCCTTATGAG
M0021		0.8362				
6	V\$TATA_C	82	366	(+)	NCTATAAAAR	GATTTAAAAA
M0021		0.7435				
6	V\$TATA_C	97	367	(+)	NCTATAAAAR	ATTTAAAAAT
M0025		0.8023				
2	V\$TATA_01	34	367	(+)	STATAAAWRNNNNNN	ATTTAAAAATTAGTT
M0025		0.7921				
2	V\$TATA_01	85	420	(+)	STATAAAWRNNNNNN	AGATTAAAGAAGAGT
M0021		0.7501				
6	V\$TATA_C	98	435	(+)	NCTATAAAAR	TGTAATAAT
M0021		0.7686				
6	V\$TATA_C	82	454	(+)	NCTATAAAAR	TCAATAATAT
M0021		0.8022				
6	V\$TATA_C	18	459	(+)	NCTATAAAAR	AATATATAAA
M0025		0.8469				
2	V\$TATA_01	93	460	(+)	STATAAAWRNNNNNN	ATATATAAATAATAT
M0021		0.7517				
6	V\$TATA_C	82	461	(+)	NCTATAAAAR	TATATAAATA
M0025		0.8297				
2	V\$TATA_01	39	462	(+)	STATAAAWRNNNNNN	ATATAAATAATATAT
M0021		0.8022				
6	V\$TATA_C	18	470	(+)	NCTATAAAAR	AATATATAAA
M0025		0.8216				
2	V\$TATA_01	19	471	(+)	STATAAAWRNNNNNN	ATATATAAATTTTTT
M0025		0.7954				
2	V\$TATA_01	83	473	(+)	STATAAAWRNNNNNN	ATATAAATTTTTTTC
M0025		0.7761				
2	V\$TATA_01	99	569	(+)	STATAAAWRNNNNNN	TTATACATAGGGTCA
M0021		0.8011				
6	V\$TATA_C	62	624	(+)	NCTATAAAAR	AGTTTAGAAA
M0025		0.7926				
2	V\$TATA_01	92	625	(+)	STATAAAWRNNNNNN	GTTTAGAAACCAAGA
M0021		0.8711				
6	V\$TATA_C	38	665	(+)	NCTATAAAAR	TCCTTATAAA
M0025		0.7992				
2	V\$TATA_01	9	666	(+)	STATAAAWRNNNNNN	CCTTATAAAGAACTT
M0021		0.7932				
6	V\$TATA_C	4	667	(+)	NCTATAAAAR	CTTATAAAGA
M0025		0.8299				
2	V\$TATA_01	92	668	(+)	STATAAAWRNNNNNN	TTATAAAGAAGCTGT
M0025		0.8221				
2	V\$TATA_01	26	754	(+)	STATAAAWRNNNNNN	GTACAAATATAAATT
M0025		0.7815				
2	V\$TATA_01	28	758	(+)	STATAAAWRNNNNNN	AAATATAAATTAATA
M0025		0.8414				
2	V\$TATA_01	11	760	(+)	STATAAAWRNNNNNN	ATATAAATTAATATA
M0021		0.7847				
6	V\$TATA_C	9	769	(+)	NCTATAAAAR	AATATATAAT
M0025		0.8302				
2	V\$TATA_01	46	770	(+)	STATAAAWRNNNNNN	ATATATAATTAATGA

M0025		0.8124				
2	V\$TATA_01	84	772	(+)	STATAAAWRNNNNNN	ATATAATTAATGAGG
M0021		0.7610				
6	V\$TATA_C	25	805	(+)	NCTATAAAAR	ATTTCAAAAA
M0021		0.7443				
6	V\$TATA_C	89	914	(+)	NCTATAAAAR	AGCATGTAAG
M0021		0.8249				
6	V\$TATA_C	27	922	(+)	NCTATAAAAR	AGTATAATAA
M0025		0.8434				
2	V\$TATA_01	41	923	(+)	STATAAAWRNNNNNN	GTATAATAAGATATT
M0025		0.8277				
2	V\$TATA_01	09	933	(+)	STATAAAWRNNNNNN	ATATTTATAAGTACC
M0021		0.7950				
6	V\$TATA_C	88	934	(+)	NCTATAAAAR	TATTTATAAG
M0025		0.8246				
2	V\$TATA_01	64	935	(+)	STATAAAWRNNNNNN	ATTTATAAGTACCTC
M0025		0.8208				
2	V\$TATA_01	58	937	(+)	STATAAAWRNNNNNN	TTATAAGTACCTCCT
M0025		0.7777				
2	V\$TATA_01	21	953	(+)	STATAAAWRNNNNNN	TTATTTAAATATTAG
M0025		0.7876				
2	V\$TATA_01	17	955	(+)	STATAAAWRNNNNNN	ATTTAAATATTAGAA
M0025		0.7888				
2	V\$TATA_01	86	961	(+)	STATAAAWRNNNNNN	ATATTAGAAGAGTGA
M0021		0.8077				
6	V\$TATA_C	63	1035	(+)	NCTATAAAAR	CTTTTATAAT
M0025		0.8079				
2	V\$TATA_01	17	1036	(+)	STATAAAWRNNNNNN	TTTTATAATCAAAGA
M0021		0.8064				
6	V\$TATA_C	43	1066	(+)	NCTATAAAAR	CTTATACAAG
M0022		0.8197				
3	V\$STAT_01	63	76	(+)	TTCCCRKAA	TTCTCCAAA
M0022		0.8006				
3	V\$STAT_01	05	317	(+)	TTCCCRKAA	TTCTCCTTA
M0022		0.8154				
3	V\$STAT_01	78	323	(-)	TTCCCRKAA	TTATGAGGA
M0022		0.8058				
3	V\$STAT_01	99	489	(+)	TTCCCRKAA	TTACTGTAT
M0022		0.7950				
3	V\$STAT_01	59	515	(+)	TTCCCRKAA	TACCTGGCA
M0022		0.8006				
3	V\$STAT_01	05	662	(+)	TTCCCRKAA	TTCTCCTTA
M0022		0.7302				
4	V\$STAT1_01	82	783	(+)	NNNSANTTCGGGAANTGNSN	GAGGAAATATGGGAAATATGT
M0022		0.8593				
3	V\$STAT_01	4	789	(-)	TTCCCRKAA	ATATGGGAA
M0022		0.8268				
3	V\$STAT_01	21	905	(+)	TTCCCRKAA	TTCTTGCAA
CSN2_Camelus ferus						
M00059	V\$YY1_01	0.791284	8281	(-)	NNNNNCCATNTWNNNWN NNNCGGCCATCTT-	GTCCAGATATGACTTAA
M00069	V\$YY1_02	0.797037	8434	(-)	GNCTSNW	AAGGCACAACATGGTGCATT
M00059	V\$YY1_01	0.805374	8436	(-)	NNNNNCCATNTWNNNWN	GGCACAACATGGTGCAT
M00059	V\$YY1_01	0.774246	8437	(+)	NNNNNCCATNTWNNNWN	GCACAACATGGTGCATT
M00059	V\$YY1_01	0.783748	8615	(+)	NNNNNCCATNTWNNNWN	CAAAACGATTTTAAAT
M00059	V\$YY1_01	0.81291	8633	(+)	NNNNNCCATNTWNNNWN	ACTCTCCATGGAAAAAA
M00059	V\$YY1_01	0.798493	8642	(-)	NNNNNCCATNTWNNNWN	GGAAAAAATGAAACTG
M00059	V\$YY1_01	0.796199	8678	(-)	NNNNNCCATNTWNNNWN	TGCTTTACATGGCACTC
M00059	V\$YY1_01	0.847969	8775	(-)	NNNNNCCATNTWNNNWN	TATCAAAAATGTTTATA
M00059	V\$YY1_01	0.782438	8791	(+)	NNNNNCCATNTWNNNWN	AAAAATCATTTGTGTAA
M00223	V\$STAT_01	0.822536	125	(-)	TTCCCRKAA	TTCTGAGGA

M00223	V\$STAT_01	0.878498	146	(+)	TTCCCRKAA	TTATTGTAA
M00223	V\$STAT_01	0.826569	146	(-)	TTCCCRKAA	TTATTGTAA
M00223	V\$STAT_01	0.792034	216	(+)	TTCCCRKAA	TTCCATGAA
M00223	V\$STAT_01	0.8606	216	(-)	TTCCCRKAA	TTCCATGAA
M00223	V\$STAT_01	0.805899	246	(+)	TTCCCRKAA	TCACTGTAA
M00223	V\$STAT_01	0.79758	407	(+)	TTCCCRKAA	TGCCCATCA
M00223	V\$STAT_01	0.815478	519	(+)	TTCCCRKAA	TTCTCATAT
M00223	V\$STAT_01	0.812957	830	(+)	TTCCCRKAA	TTACTGGAC
M00223	V\$STAT_01	0.866398	900	(+)	TTCCCRKAA	TCCCCAGAA
M00223	V\$STAT_01	0.80489	900	(-)	TTCCCRKAA	TCCCCAGAA
M00223	V\$STAT_01	0.80489	910	(+)	TTCCCRKAA	TTCTGGGGA
M00223	V\$STAT_01	0.866398	910	(-)	TTCCCRKAA	TTCTGGGGA
M00223	V\$STAT_01	0.790522	923	(-)	TTCCCRKAA	TAATAAGAA
M00224	V\$STAT1_01	0.790219	951	(+)	NNNSANTTCCGG- GAANTGNSN	GTGGAATTCTGGAAATTCAAA
M00224	V\$STAT1_01	0.756792	951	(-)	NNNSANTTCCGG- GAANTGNSN	GTGGAATTCTGGAAATTCAAA
M00225	V\$STAT3_01	0.750326	951	(+)	NGNNATTCCSG- GAARTGNNN	GTGGAATTCTGGAAATTCAAA
M00225	V\$STAT3_01	0.743085	951	(-)	NGNNATTCCSG- GAARTGNNN	GTGGAATTCTGGAAATTCAAA
M00223	V\$STAT_01	0.81699	957	(+)	TTCCCRKAA	TTCTGGAAA
M00223	V\$STAT_01	0.870179	957	(-)	TTCCCRKAA	TTCTGGAAA
M00223	V\$STAT_01	0.802622	1242	(-)	TTCCCRKAA	TTAGGTTAA
M00223	V\$STAT_01	0.843459	1276	(-)	TTCCCRKAA	TGATAAGAA
M00224	V\$STAT1_01	0.744772	1382	(+)	NNNSANTTCCGG- GAANTGNSN	GATCAATTTCTTGAATTAAGT
M00223	V\$STAT_01	0.799597	1590	(+)	TTCCCRKAA	TTTTTAGAA
M00223	V\$STAT_01	0.888581	1593	(-)	TTCCCRKAA	TTAGAAGAA
M00223	V\$STAT_01	0.856819	1762	(-)	TTCCCRKAA	TTCCAGGAG
M00223	V\$STAT_01	0.843459	1967	(-)	TTCCCRKAA	TGACGATAA
M00223	V\$STAT_01	0.846483	2003	(-)	TTCCCRKAA	TTAGGGAAA
M00223	V\$STAT_01	0.792538	2158	(+)	TTCCCRKAA	TTTTTATAA
M00223	V\$STAT_01	0.853542	2171	(-)	TTCCCRKAA	TTACAGAAA
M00223	V\$STAT_01	0.815478	2773	(+)	TTCCCRKAA	CTCTCATAA
M00223	V\$STAT_01	0.809932	2823	(-)	TTCCCRKAA	TTAGCTGAA
M00223	V\$STAT_01	0.802622	2933	(+)	TTCCCRKAA	TTTTCTTAA
M00223	V\$STAT_01	0.853542	2935	(+)	TTCCCRKAA	TTCTAAAAA
M00223	V\$STAT_01	0.863625	2981	(-)	TTCCCRKAA	TTAAAGGAA
M00223	V\$STAT_01	0.795815	3253	(-)	TTCCCRKAA	TTCTAAGAT
M00223	V\$STAT_01	0.849761	3297	(-)	TTCCCRKAA	TTACAGGAT
M00223	V\$STAT_01	0.849761	3352	(-)	TTCCCRKAA	CTACAGGAA
M00223	V\$STAT_01	0.79884	3505	(+)	TTCCCRKAA	TTACCCTAG
M00223	V\$STAT_01	0.822536	3585	(+)	TTCCCRKAA	TACTCAGAA
M00223	V\$STAT_01	0.79758	3659	(+)	TTCCCRKAA	TACCCATCA
M00224	V\$STAT1_01	0.75037	3673	(-)	NNNSANTTCCGG- GAANTGNSN	TCTTCATTGAGGTAAAATAAA
M00223	V\$STAT_01	0.843711	3679	(+)	TTCCCRKAA	TTCAGGTAA
M00223	V\$STAT_01	0.853542	3679	(-)	TTCCCRKAA	TTCAGGTAA

M00223	V\$STAT_01	0.826821	3782	(+)	TTCCCRKAA	TTTCTCGAA
M00223	V\$STAT_01	0.833627	3936	(+)	TTCCCRKAA	TTCAGAGAA
M00223	V\$STAT_01	0.853542	3936	(-)	TTCCCRKAA	TTCAGAGAA
M00223	V\$STAT_01	0.79884	3983	(-)	TTCCCRKAA	CTAGGAGAA
M00223	V\$STAT_01	0.819763	4084	(+)	TTCCCRKAA	TTACCCAAA
M00223	V\$STAT_01	0.888581	4384	(-)	TTCCCRKAA	TTAGAGTAA
M00223	V\$STAT_01	0.839677	4489	(-)	TTCCCRKAA	ATCTAGGAA
M00223	V\$STAT_01	0.849761	4650	(-)	TTCCCRKAA	TTACAGGAG
M00223	V\$STAT_01	0.861356	4722	(+)	TTCCCRKAA	TTATTATAA
M00223	V\$STAT_01	0.819259	4785	(+)	TTCCCRKAA	TTGTCATAA
M00223	V\$STAT_01	0.790522	4788	(-)	TTCCCRKAA	TCATAAGAA
M00223	V\$STAT_01	0.826317	5108	(+)	TTCCCRKAA	TTTTCAGAA
M00223	V\$STAT_01	0.799849	5108	(-)	TTCCCRKAA	TTTTCAGAA
M00223	V\$STAT_01	0.826317	5171	(+)	TTCCCRKAA	TTAGCAGAA
M00223	V\$STAT_01	0.87875	5171	(-)	TTCCCRKAA	TTAGCAGAA
M00223	V\$STAT_01	0.895387	5229	(+)	TTCCCRKAA	TTACGATAA
M00223	V\$STAT_01	0.905218	5229	(-)	TTCCCRKAA	TTACGATAA
M00223	V\$STAT_01	0.832619	5330	(-)	TTCCCRKAA	GTATAGGAA
M00223	V\$STAT_01	0.799597	5487	(+)	TTCCCRKAA	TTAGTAGAA
M00223	V\$STAT_01	0.809932	5487	(-)	TTCCCRKAA	TTAGTAGAA
M00223	V\$STAT_01	0.8243	5528	(+)	TTCCCRKAA	TTCTCAGGA
M00223	V\$STAT_01	0.815478	5662	(+)	TTCCCRKAA	TACTCATAA
M00223	V\$STAT_01	0.80968	5694	(-)	TTCCCRKAA	TTACATTAA
M00223	V\$STAT_01	0.853542	5899	(+)	TTCCCRKAA	TTGCTGTAA
M00223	V\$STAT_01	0.817242	6470	(-)	TTCCCRKAA	TAATGAGAA
M00223	V\$STAT_01	0.856819	6661	(-)	TTCCCRKAA	TTCCAGGAT
M00223	V\$STAT_01	0.79884	6741	(+)	TTCCCRKAA	TTACCCTAT
M00224	V\$STAT1_01	0.727812	6890	(+)	NNNSANTTCCGG- GAANTGNSN	TGCCCTTTACTGAAAGCCAGA
M00224	V\$STAT1_01	0.729788	6890	(-)	NNNSANTTCCGG- GAANTGNSN	TGCCCTTTACTGAAAGCCAGA
M00223	V\$STAT_01	0.826821	6896	(+)	TTCCCRKAA	TTACTGAAA
M00223	V\$STAT_01	0.804638	7059	(+)	TTCCCRKAA	TCCCCAGCA
M00223	V\$STAT_01	0.856819	7117	(-)	TTCCCRKAA	TTCCAGGAG
M00223	V\$STAT_01	0.844719	7238	(-)	TTCCCRKAA	TTAGAATAA
M00223	V\$STAT_01	0.81699	7452	(-)	TTCCCRKAA	TGAGCAGAA
M00223	V\$STAT_01	0.8364	7592	(+)	TTCCCRKAA	TTTCTATAA
M00223	V\$STAT_01	0.846483	7722	(-)	TTCCCRKAA	TTAGGGAAA
M00223	V\$STAT_01	0.843459	7734	(+)	TTCCCRKAA	TTCTTATCA
M00223	V\$STAT_01	0.792538	7737	(+)	TTCCCRKAA	TTATCAAAA
M00224	V\$STAT1_01	0.736539	7817	(-)	NNNSANTTCCGG- GAANTGNSN	CCTCACTTTTGGTAAGCTTTA
M00223	V\$STAT_01	0.799849	7823	(+)	TTCCCRKAA	TTTTGGTAA
M00223	V\$STAT_01	0.8364	7823	(-)	TTCCCRKAA	TTTTGGTAA
M00223	V\$STAT_01	0.805899	7865	(-)	TTCCCRKAA	TTACAGTTA
M00223	V\$STAT_01	0.853542	8108	(-)	TTCCCRKAA	TTTTAGGAA
M00223	V\$STAT_01	0.802622	8110	(-)	TTCCCRKAA	TTAGGAAAA
M00223	V\$STAT_01	0.815982	8405	(-)	TTCCCRKAA	CTAGAGGAA

M00225	V\$STAT3_01	0.711224	8550	(+)	NGNNATTCCSG-GAARTGNNN	CTCTATTCCACAGAATTGACT
M00225	V\$STAT3_01	0.712527	8550	(-)	NGNNATTCCSG-GAARTGNNN	CTCTATTCCACAGAATTGACT
M00223	V\$STAT_01	0.8364	8611	(+)	TTCCCRKAA	TTACCAAAA
M00223	V\$STAT_01	0.799849	8611	(-)	TTCCCRKAA	TTACCAAAA
M00223	V\$STAT_01	0.815478	8763	(+)	TTCCCRKAA	ATACCATAA
M00223	V\$STAT_01	0.792538	8774	(+)	TTCCCRKAA	TTATCAAAA
M00223	V\$STAT_01	0.792538	8787	(-)	TTCCCRKAA	TTATAAAAA
CSN3_Camelus ferus						
M0012		0.82116				
7	V\$GATA1_03	6	6	(-)	RNSNNGATAANNNGN	TCTCTTTTCAAGCT
M0012						
7	V\$GATA1_03	0.78001	16	(+)	RNSNNGATAANNNGN	AGCTTTATAAATGA
M0012		0.80450				
7	V\$GATA1_03	8	41	(-)	RNSNNGATAANNNGN	CCTCCTATGCACTT
M0007		0.79269				
5	V\$GATA1_01	5	74	(+)	SNNGATNNNN	AAAGATGACT
M0007		0.83761				
6	V\$GATA2_01	8	74	(+)	NNNGATRNNN	AAAGATGACT
M0012		0.84968				
6	V\$GATA1_02	8	83	(-)	NNNNNGATANKGNN	TCTGCTATCGTCAA
M0007		0.90177				
5	V\$GATA1_01	7	85	(-)	SNNGATNNNN	TGCTATCGTC
M0007		0.93143				
6	V\$GATA2_01	9	85	(-)	NNNGATRNNN	TGCTATCGTC
M0007		0.88125				
7	V\$GATA3_01	8	85	(-)	NNGATARNG	TGCTATCGT
M0007		0.85378				
7	V\$GATA3_01	8	93	(-)	NNGATARNG	TCAAATCTT
M0012		0.79201				
7	V\$GATA1_03	4	104	(-)	RNSNNGATAANNNGN	CTTTTGTGTCATCTT
M0012		0.84345				
7	V\$GATA1_03	9	107	(-)	RNSNNGATAANNNGN	TTTGTGTCATCTTCCT
M0007		0.82181				
5	V\$GATA1_01	6	109	(-)	SNNGATNNNN	TGTCATCTTC
M0007		0.85475				
6	V\$GATA2_01	9	109	(-)	NNNGATRNNN	TGTCATCTTC
M0007		0.82897				
7	V\$GATA3_01	7	109	(-)	NNGATARNG	TGTCATCTT
M0012		0.77062				
6	V\$GATA1_02	5	138	(+)	NNNNNGATANKGNN	AGGAAGATAAATCA
M0012		0.89049				
7	V\$GATA1_03	5	138	(+)	RNSNNGATAANNNGN	AGGAAGATAAATCA
M0012		0.89644				
8	V\$GATA1_04	6	139	(+)	NNCWGATARNNNN	GGAAGATAAATCA
M0007		0.81786				
5	V\$GATA1_01	8	140	(+)	SNNGATNNNN	GAAGATAAAT
M0007		0.85385				
6	V\$GATA2_01	7	140	(+)	NNNGATRNNN	GAAGATAAAT
M0007		0.84669				
7	V\$GATA3_01	9	141	(+)	NNGATARNG	AAGATAAAT
M0020		0.94346				
3	V\$GATA_C	1	142	(+)	NGATAAGNMNN	AGATAAATCAC
M0007		0.80552				
5	V\$GATA1_01	8	144	(-)	SNNGATNNNN	ATAAATCACA
M0007		0.78664				
6	V\$GATA2_01	9	144	(-)	NNNGATRNNN	ATAAATCACA
M0007		0.79070				
6	V\$GATA2_01	8	149	(+)	NNNGATRNNN	TCACATGCTG
M0007		0.83563				
5	V\$GATA1_01	7	164	(-)	SNNGATNNNN	CACTAACACC
M0007						
6	V\$GATA2_01	0.79567	164	(-)	NNNGATRNNN	CACTAACACC

M0012		0.85448				
7	V\$GATA1_03	3	187	(-)	RNSNNGATAANNNGN	CCAGTTATTTACCT
M0007		0.79318				
5	V\$GATA1_01	9	251	(+)	SNNGATNNNN	CCTGACAGGC
M0020		0.83317				
3	V\$GATA_C	8	253	(+)	NGATAAGNMNN	TGACAGGCACA
M0012		0.82680				
7	V\$GATA1_03	1	265	(+)	RNSNNGATAANNNGN	GGGAAGGTAATCAA
M0007		0.82676				
7	V\$GATA3_01	1	292	(+)	NNGATARNG	GAGAGAATG
M0012		0.78466				
7	V\$GATA1_03	4	312	(+)	RNSNNGATAANNNGN	CAGGAGTTAATCAT
M0007		0.81737				
5	V\$GATA1_01	4	369	(-)	SNNGATNNNN	TGGCATCATT
M0007		0.82273				
6	V\$GATA2_01	3	369	(-)	NNNGATRNNN	TGGCATCATT
M0007		0.79220				
5	V\$GATA1_01	1	404	(+)	SNNGATNNNN	TTAGATTCTG
M0007		0.82454				
7	V\$GATA3_01	6	405	(+)	NNGATARNG	TAGATTCTG
M0007		0.82144				
7	V\$GATA3_01	4	423	(+)	NNGATARNG	ATGATTAAA
M0012		0.78515				
7	V\$GATA1_03	4	435	(-)	RNSNNGATAANNNGN	ATTTTAACTTCAC
M0007		0.81010				
6	V\$GATA2_01	4	545	(-)	NNNGATRNNN	ACATATGTGG
M0007		0.80108				
6	V\$GATA2_01	3	557	(-)	NNNGATRNNN	GGCTAACTTC
M0012		0.78980				
7	V\$GATA1_03	9	569	(+)	RNSNNGATAANNNGN	AGAAAGATGAATGT
M0007		0.79763				
5	V\$GATA1_01	1	588	(-)	SNNGATNNNN	AATAATCCAG
M0020		0.89655				
3	V\$GATA_C	2	626	(-)	NGATAAGNMNN	TATTTCTATCT
M0012						
6	V\$GATA1_02	0.80375	627	(-)	NNNNNGATANKGNN	ATTCTATCTAAAG
M0012		0.86948				
8	V\$GATA1_04	5	627	(-)	NNCWGATARNNNN	ATTCTATCTAAA
M0007		0.88258				
7	V\$GATA3_01	8	629	(-)	NNGATARNG	TTCTATCTA
M0007		0.86486				
7	V\$GATA3_01	5	638	(+)	NNGATARNG	AAGATTATA
M0020		0.87853				
3	V\$GATA_C	4	686	(-)	NGATAAGNMNN	GTTACATATCC
M0012		0.80769				
7	V\$GATA1_03	2	687	(-)	RNSNNGATAANNNGN	TTACATATCCTCAC
M0007		0.88351				
5	V\$GATA1_01	4	689	(-)	SNNGATNNNN	ACATATCCTC
M0007		0.92963				
6	V\$GATA2_01	5	689	(-)	NNNGATRNNN	ACATATCCTC
M0007		0.83662				
5	V\$GATA1_01	4	734	(-)	SNNGATNNNN	TTCCATCAAG
M0007						
6	V\$GATA2_01	0.78304	771	(-)	NNNGATRNNN	AATTATGGTC
M0020		0.98726				
3	V\$GATA_C	3	776	(-)	NGATAAGNMNN	TGGTCTTATCT
M0012		0.85062				
6	V\$GATA1_02	5	777	(-)	NNNNNGATANKGNN	GGTCTTATCTCTCT
M0012		0.91499				
7	V\$GATA1_03	3	777	(-)	RNSNNGATAANNNGN	GGTCTTATCTCTCT
M0012		0.92800				
8	V\$GATA1_04	2	777	(-)	NNCWGATARNNNN	GGTCTTATCTCTC
M0007		0.79812				
5	V\$GATA1_01	4	779	(-)	SNNGATNNNN	TCTTATCTCT
M0007		0.83175				
6	V\$GATA2_01	5	779	(-)	NNNGATRNNN	TCTTATCTCT

M0007		0.93664				
7	V\$GATA3_01	2	779	(-)	NNGATARNG	TCTTATCTC
M0007		0.83711				
5	V\$GATA1_01	7	788	(+)	SNNGATNNNN	TCTGATTCT
M0007		0.84573				
6	V\$GATA2_01	7	788	(+)	NNNGATRNNN	TCTGATTCT
M0007		0.79466				
5	V\$GATA1_01	9	813	(-)	SNNGATNNNN	GAGGATCTAC
M0007		0.81506				
6	V\$GATA2_01	5	813	(+)	NNNGATRNNN	GAGGATCTAC
M0007		0.85488				
5	V\$GATA1_01	6	832	(+)	SNNGATNNNN	ACAGATTGCT
M0007		0.86107				
6	V\$GATA2_01	4	832	(+)	NNNGATRNNN	ACAGATTGCT
M0007						
7	V\$GATA3_01	0.83961	833	(+)	NNGATARNG	CAGATTGCT
M0007		0.81490				
5	V\$GATA1_01	6	895	(-)	SNNGATNNNN	AAACATCCTA
M0007		0.88046				
6	V\$GATA2_01	9	895	(-)	NNNGATRNNN	AAACATCCTA
M0007		0.84889				
6	V\$GATA2_01	5	907	(-)	NNNGATRNNN	AGAGATCTTA
M0012		0.83812				
6	V\$GATA1_02	5	937	(+)	NNNNNGATANKGNN	GAAATGATAATTAT
M0012		0.85521				
7	V\$GATA1_03	8	937	(+)	RNSNNGATAANNGN	GAAATGATAATTAT
M0012		0.88541				
8	V\$GATA1_04	7	938	(+)	NNCWGATARNNNN	AAATGATAATTAT
M0007		0.81342				
5	V\$GATA1_01	5	939	(+)	SNNGATNNNN	AATGATAATT
M0007		0.83581				
6	V\$GATA2_01	4	939	(+)	NNNGATRNNN	AATGATAATT
M0007		0.84315				
7	V\$GATA3_01	5	940	(+)	NNGATARNG	ATGATAATT
M0020		0.85119				
3	V\$GATA_C	6	941	(+)	NGATAAGNMNN	TGATAATTATG
M0012		0.87187				
6	V\$GATA1_02	5	953	(+)	NNNNNGATANKGNN	GACATGATAGAAGT
M0012		0.85252				
7	V\$GATA1_03	3	953	(+)	RNSNNGATAANNGN	GACATGATAGAAGT
M0012		0.90226				
8	V\$GATA1_04	7	954	(+)	NNCWGATARNNNN	ACATGATAGAAGT
M0007		0.87265				
5	V\$GATA1_01	5	955	(+)	SNNGATNNNN	CATGATAGAA
M0007		0.85881				
6	V\$GATA2_01	8	955	(+)	NNNGATRNNN	CATGATAGAA
M0007		0.88347				
7	V\$GATA3_01	4	956	(+)	NNGATARNG	ATGATAGAA
M0020		0.89468				
3	V\$GATA_C	8	967	(-)	NGATAAGNMNN	GGTAATTATCA
M0012		0.84031				
6	V\$GATA1_02	3	968	(-)	NNNNNGATANKGNN	GTAATTATCACTAC
M0012		0.88755				
7	V\$GATA1_03	5	968	(-)	RNSNNGATAANNGN	GTAATTATCACTAC
M0012		0.87009				
8	V\$GATA1_04	8	968	(-)	NNCWGATARNNNN	GTAATTATCACTA
M0007		0.84205				
5	V\$GATA1_01	3	970	(-)	SNNGATNNNN	AATTATCACT
M0007		0.84393				
6	V\$GATA2_01	3	970	(-)	NNNGATRNNN	AATTATCACT
M0007		0.86043				
7	V\$GATA3_01	4	970	(-)	NNGATARNG	AATTATCAC
M0007		0.87709				
5	V\$GATA1_01	8	985	(-)	SNNGATNNNN	GGCAATCACA
M0007		0.87866				
6	V\$GATA2_01	5	985	(-)	NNNGATRNNN	GGCAATCACA

M0007		0.83916				
7	V\$GATA3_01	7	985	(-)	NNGATARNG	GGCAATCAC
M0007		0.81342				
5	V\$GATA1_01	5	1013	(-)	SNNGATNNNN	TCAAATCAAC
M0012		0.78564				
7	V\$GATA1_03	4	1047	(-)	RNSNNGATAANNGN	AATGTTATATGTCT
M0012		0.81185				
7	V\$GATA1_03	7	1084	(+)	RNSNNGATAANNGN	AAAAAGGTAAGTGG
M0007		0.77443				
5	V\$GATA1_01	2	1088	(-)	SNNGATNNNN	AGGTAAGTGG
M0007		0.78213				
6	V\$GATA2_01	8	1088	(-)	NNNGATRNNN	AGGTAAGTGG
M0012		0.77531				
6	V\$GATA1_02	3	1106	(+)	NNNNNGATANKGNN	GAATTAATAGGGAA
M0007		0.79431				
6	V\$GATA2_01	7	1153	(-)	NNNGATRNNN	GTAGATCTCA
M0007		0.81688				
5	V\$GATA1_01	1	1182	(+)	SNNGATNNNN	AATGATATCC
M0007		0.86603				
6	V\$GATA2_01	5	1182	(+)	NNNGATRNNN	AATGATATCC
M0007		0.77936				
5	V\$GATA1_01	8	1184	(-)	SNNGATNNNN	TGATATCCTA
M0007						
6	V\$GATA2_01	0.89806	1184	(-)	NNNGATRNNN	TGATATCCTA
M0020						
3	V\$GATA_C	0.88164	1186	(-)	NGATAAGNMNN	ATATCCTATCA
M0012		0.82968				
6	V\$GATA1_02	8	1187	(-)	NNNNNGATANKGNN	TATCCTATCAGAGG
M0012						
8	V\$GATA1_04	0.83364	1187	(-)	NNCWGATARNNNN	TATCCTATCAGAG
M0007		0.88450				
5	V\$GATA1_01	1	1189	(-)	SNNGATNNNN	TCCTATCAGA
M0007		0.90437				
6	V\$GATA2_01	5	1189	(-)	NNNGATRNNN	TCCTATCAGA
M0007		0.91847				
7	V\$GATA3_01	6	1189	(-)	NNGATARNG	TCCTATCAG
M0007		0.79318				
5	V\$GATA1_01	9	1204	(-)	SNNGATNNNN	TGAAATCAGT
M0007		0.78349				
6	V\$GATA2_01	1	1204	(-)	NNNGATRNNN	TGAAATCAGT
M0012		0.79103				
7	V\$GATA1_03	4	1227	(-)	RNSNNGATAANNGN	TTTCTAATCATTAT
M0007		0.86220				
7	V\$GATA3_01	6	1229	(-)	NNGATARNG	TCTAATCAT
M0020		0.86082				
3	V\$GATA_C	6	1235	(-)	NGATAAGNMNN	CATTATTATCT
M0012		0.85843				
6	V\$GATA1_02	8	1236	(-)	NNNNNGATANKGNN	ATTATTATCTGTGA
M0012		0.79127				
7	V\$GATA1_03	9	1236	(-)	RNSNNGATAANNGN	ATTATTATCTGTGA
M0012		0.84926				
8	V\$GATA1_04	5	1236	(-)	NNCWGATARNNNN	ATTATTATCTGTG
M0007		0.77788				
5	V\$GATA1_01	7	1238	(-)	SNNGATNNNN	TATTATCTGT
M0007						
6	V\$GATA2_01	0.82544	1238	(-)	NNNGATRNNN	TATTATCTGT
M0007		0.89277				
7	V\$GATA3_01	8	1238	(-)	NNGATARNG	TATTATCTG
M0012		0.78882				
7	V\$GATA1_03	9	1278	(-)	RNSNNGATAANNGN	CCCTTTACCAAGCC
M0012		0.78218				
6	V\$GATA1_02	7	1308	(-)	NNNNNGATANKGNN	GACCCTCTCTTGTA
M0007		0.77788				
5	V\$GATA1_01	7	1310	(-)	SNNGATNNNN	CCCTCTCTTG
M0007		0.85866				
7	V\$GATA3_01	2	1310	(-)	NNGATARNG	CCCTCTCTT

M0007						
7	V\$GATA3_01	0.82942	1340	(-)	NNGATARNG	TCAAATCTA
M0007		0.90375				
5	V\$GATA1_01	1	1378	(+)	SNNGATNNNN	CAAGATGTGG
M0007		0.89445				
6	V\$GATA2_01	2	1378	(+)	NNNGATRNNN	CAAGATGTGG
M0007		0.86885				
7	V\$GATA3_01	2	1379	(+)	NNGATARNG	AAGATGTGG
M0012		0.82116				
7	V\$GATA1_03	6	1438	(-)	RNSNNGATAANNGN	ACTGTTATATGTAT
M0020		0.88008				
3	V\$GATA_C	7	1443	(-)	NGATAAGNMNN	TATATGTATCT
M0012						
7	V\$GATA1_03	0.83415	1444	(-)	RNSNNGATAANNGN	ATATGTATCTTTCT
M0012		0.81770				
8	V\$GATA1_04	8	1444	(-)	NNCWGATARNNNN	ATATGTATCTTTC
M0007		0.79269				
5	V\$GATA1_01	5	1446	(-)	SNNGATNNNN	ATGTATCTTT
M0007		0.83310				
6	V\$GATA2_01	8	1446	(-)	NNNGATRNNN	ATGTATCTTT
M0007		0.78035				
5	V\$GATA1_01	5	1474	(-)	SNNGATNNNN	AAAAATCAAA
M0012		0.83272				
8	V\$GATA1_04	1	1478	(+)	NNCWGATARNNNN	ATCAAATAAGCAG
M0012		0.83047				
7	V\$GATA1_03	5	1496	(-)	RNSNNGATAANNGN	ACTCCTATACTCCT
M0012		0.89343				
6	V\$GATA1_02	7	1512	(+)	NNNNNGATANKGN	AGAAAGATAAGGCT
M0012		0.89882				
7	V\$GATA1_03	4	1512	(+)	RNSNNGATAANNGN	AGAAAGATAAGGCT
M0012		0.94362				
8	V\$GATA1_04	7	1513	(+)	NNCWGATARNNNN	GAAAGATAAGGCT
M0007		0.81638				
5	V\$GATA1_01	7	1514	(+)	SNNGATNNNN	AAAGATAAGG
M0007		0.86648				
6	V\$GATA2_01	6	1514	(+)	NNNGATRNNN	AAAGATAAGG
M0007		0.95436				
7	V\$GATA3_01	4	1515	(+)	NNGATARNG	AAGATAAGG
M0020		0.97732				
3	V\$GATA_C	2	1516	(+)	NGATAAGNMNN	AGATAAGGCTA
M0020						
3	V\$GATA_C	0.84343	1553	(-)	NGATAAGNMNN	AAGCCCTGTCA
M0007		0.81371				
6	V\$GATA2_01	2	1565	(+)	NNNGATRNNN	TGTCATACCT
M0007		0.79702				
6	V\$GATA2_01	3	1571	(-)	NNNGATRNNN	ACCTATGTTT
M0007		0.88795				
5	V\$GATA1_01	7	1588	(-)	SNNGATNNNN	AACAATCAAG
M0007		0.78258				
6	V\$GATA2_01	9	1588	(-)	NNNGATRNNN	AACAATCAAG
M0012		0.80818				
7	V\$GATA1_03	2	1592	(+)	RNSNNGATAANNGN	ATCAAGTTAATCTC
M0007		0.83030				
7	V\$GATA3_01	6	1597	(-)	NNGATARNG	GTTAATCTC
M0007		0.79022				
5	V\$GATA1_01	7	1602	(-)	SNNGATNNNN	TCTCATCATT
M0007		0.78394				
6	V\$GATA2_01	2	1602	(-)	NNNGATRNNN	TCTCATCATT
M0007		0.84226				
7	V\$GATA3_01	8	1602	(-)	NNGATARNG	TCTCATCAT
M0007		0.88252				
5	V\$GATA1_01	7	1612	(+)	SNNGATNNNN	CATGATGACT
M0007		0.86783				
6	V\$GATA2_01	9	1612	(+)	NNNGATRNNN	CATGATGACT
M0012						
7	V\$GATA1_03	0.78197	1657	(-)	RNSNNGATAANNGN	CCCTCCATCTCCTC

M0007		0.92300				
5	V\$GATA1_01	1	1659	(-)	SNNGATNNNN	CTCCATCTCC
M0007						
6	V\$GATA2_01	0.89806	1659	(-)	NNNGATRNNN	CTCCATCTCC
M0007		0.90562				
7	V\$GATA3_01	7	1659	(-)	NNGATARNG	CTCCATCTC
M0007		0.83810				
5	V\$GATA1_01	5	1668	(-)	SNNGATNNNN	CTCCATCTTA
M0007		0.87550				
6	V\$GATA2_01	7	1668	(-)	NNNGATRNNN	CTCCATCTTA
M0007		0.88834				
7	V\$GATA3_01	7	1668	(-)	NNGATARNG	CTCCATCTT
M0007		0.93632				
5	V\$GATA1_01	8	1692	(-)	SNNGATNNNN	ACCAATCATG
M0007		0.87054				
6	V\$GATA2_01	6	1692	(-)	NNNGATRNNN	ACCAATCATG
M0007		0.85866				
7	V\$GATA3_01	2	1692	(-)	NNGATARNG	ACCAATCAT
M0012						
6	V\$GATA1_02	0.895	1761	(+)	NNNNNGATANKGNN	GCCCAGATAAAGGA
M0012						
7	V\$GATA1_03	0.88584	1761	(+)	RNSNNGATAANNGN	GCCCAGATAAAGGA
M0012		0.87714				
8	V\$GATA1_04	5	1762	(+)	NNCWGATARNNNN	CCCAGATAAAGGA
M0007		0.85439				
5	V\$GATA1_01	3	1763	(+)	SNNGATNNNN	CCAGATAAAG
M0007		0.86964				
6	V\$GATA2_01	4	1763	(+)	NNNGATRNNN	CCAGATAAAG
M0007		0.90784				
7	V\$GATA3_01	2	1764	(+)	NNGATARNG	CAGATAAAG
M0020		0.92171				
3	V\$GATA_C	5	1765	(+)	NGATAAGNMNN	AGATAAAGGAA
M0012		0.90906				
6	V\$GATA1_02	2	1799	(+)	NNNNNGATANKGNN	GTAGAGATAGAGCC
M0012						
7	V\$GATA1_03	0.83317	1799	(+)	RNSNNGATAANNGN	GTAGAGATAGAGCC
M0012		0.89859				
8	V\$GATA1_04	1	1800	(+)	NNCWGATARNNNN	TAGAGATAGAGCC
M0007		0.85834				
5	V\$GATA1_01	2	1801	(+)	SNNGATNNNN	AGAGATAGAG
M0007		0.87956				
6	V\$GATA2_01	7	1801	(+)	NNNGATRNNN	AGAGATAGAG
M0007		0.95923				
7	V\$GATA3_01	8	1802	(+)	NNGATARNG	GAGATAGAG
M0020		0.93103				
3	V\$GATA_C	4	1803	(+)	NGATAAGNMNN	AGATAGAGCCT
M0007		0.77245				
5	V\$GATA1_01	8	1811	(+)	SNNGATNNNN	CCTGAGATGG
M0007		0.81984				
5	V\$GATA1_01	2	1813	(+)	SNNGATNNNN	TGAGATGGAA
M0007		0.84077				
6	V\$GATA2_01	6	1813	(+)	NNNGATRNNN	TGAGATGGAA
M0007		0.87062				
7	V\$GATA3_01	5	1814	(+)	NNGATARNG	GAGATGGAA
M0007		0.77986				
5	V\$GATA1_01	2	1869	(-)	SNNGATNNNN	ACCACTCAGC
M0007		0.79386				
6	V\$GATA2_01	6	1919	(+)	NNNGATRNNN	TGGCATGGGA
M0020		0.87542				
3	V\$GATA_C	7	1962	(-)	NGATAAGNMNN	CAACTTTATCT
M0012		0.86781				
6	V\$GATA1_02	2	1963	(-)	NNNNNGATANKGNN	AACTTTATCTTTCC
M0012		0.85031				
7	V\$GATA1_03	8	1963	(-)	RNSNNGATAANNGN	AACTTTATCTTTCC
M0012		0.88664				
8	V\$GATA1_04	2	1963	(-)	NNCWGATARNNNN	AACTTTATCTTTC

M0007		0.82002				
6	V\$GATA2_01	7	1965	(-)	NNNGATRNNN	CTTTATCTTT
M0007		0.91360				
7	V\$GATA3_01	2	1965	(-)	NNGATARNG	CTTTATCTT
M0012		0.79718				
6	V\$GATA1_02	8	1974	(-)	NNNNNGATANKGNN	TCCCTTTTCTCCAT
M0012		0.85399				
7	V\$GATA1_03	3	1974	(-)	RNSNNGATAANNGN	TCCCTTTTCTCCAT
M0007		0.79115				
6	V\$GATA2_01	9	1998	(+)	NNNGATRNNN	ATGGATATTC
M0020		0.83162				
3	V\$GATA_C	5	2011	(-)	NGATAAGNMNN	AGGCTTTCTCT
M0007		0.83030				
7	V\$GATA3_01	6	2040	(-)	NNGATARNG	ATTAATCTC
M0012		0.85781				
6	V\$GATA1_02	2	2065	(-)	NNNNNGATANKGNN	ACCTGTATCTCCCA
M0012		0.79691				
7	V\$GATA1_03	3	2065	(-)	RNSNNGATAANNGN	ACCTGTATCTCCCA
M0012		0.83639				
8	V\$GATA1_04	7	2065	(-)	NNCWGATARNNNN	ACCTGTATCTCCC
M0007		0.89733				
5	V\$GATA1_01	5	2067	(-)	SNNGATNNNN	CTGTATCTCC
M0007		0.90121				
6	V\$GATA2_01	8	2067	(-)	NNNGATRNNN	CTGTATCTCC
M0007		0.87992				
7	V\$GATA3_01	9	2067	(-)	NNGATARNG	CTGTATCTC
M0007		0.83662				
5	V\$GATA1_01	4	2091	(+)	SNNGATNNNN	GTGATTTCT
M0020		0.83069				
3	V\$GATA_C	3	2095	(-)	NGATAAGNMNN	ATTCTTAACT
M0012		0.81617				
8	V\$GATA1_04	6	2096	(-)	NNCWGATARNNNN	TTTCTTAACTGAA
M0012		0.81700				
7	V\$GATA1_03	1	2118	(+)	RNSNNGATAANNGN	ATGTAGAAAGCCAC
M0012		0.79078				
7	V\$GATA1_03	9	2145	(-)	RNSNNGATAANNGN	TCGACTTTCTTCC
M0012		0.84027				
7	V\$GATA1_03	4	2179	(-)	RNSNNGATAANNGN	GCAACTCTCTCCT
M0007		0.78134				
5	V\$GATA1_01	3	2196	(+)	SNNGATNNNN	ATTGATGCTA
M0012		0.81187				
6	V\$GATA1_02	5	2232	(+)	NNNNNGATANKGNN	ACCTTGATAATCTC
M0012		0.87922				
7	V\$GATA1_03	6	2232	(+)	RNSNNGATAANNGN	ACCTTGATAATCTC
M0007		0.83168				
5	V\$GATA1_01	8	2234	(+)	SNNGATNNNN	CTTGATAATC
M0007		0.79206				
6	V\$GATA2_01	1	2234	(+)	NNNGATRNNN	CTTGATAATC
M0020		0.84995				
3	V\$GATA_C	3	2236	(+)	NGATAAGNMNN	TGATAATCTCA
M0007		0.79121				
5	V\$GATA1_01	4	2237	(-)	SNNGATNNNN	GATAATCTCA
M0007		0.81957				
6	V\$GATA2_01	6	2237	(-)	NNNGATRNNN	GATAATCTCA
M0007		0.85024				
7	V\$GATA3_01	4	2237	(-)	NNGATARNG	GATAATCTC
M0012		0.85693				
7	V\$GATA1_03	3	2342	(-)	RNSNNGATAANNGN	ACCATTATGTGCCT
M0007		0.80739				
6	V\$GATA2_01	7	2344	(-)	NNNGATRNNN	CATTATGTGC
M0012		0.79531				
6	V\$GATA1_02	3	2383	(+)	NNNNNGATANKGNN	GTATACATAGGGAC
M0012		0.78417				
7	V\$GATA1_03	4	2432	(-)	RNSNNGATAANNGN	CTACCTGTCCTCT
M0020		0.84715				
3	V\$GATA_C	8	2437	(-)	NGATAAGNMNN	TGTCCTTCTCT

M0012		0.86062				
6	V\$GATA1_02	5	2569	(+)	NNNNNGATANKGNN	GTAATGATACTTTT
M0012		0.79789				
7	V\$GATA1_03	3	2569	(+)	RNSNNGATAANNGN	GTAATGATACTTTT
M0007		0.85291				
5	V\$GATA1_01	2	2571	(+)	SNNGATNNNN	AATGATACTT
M0007		0.86197				
6	V\$GATA2_01	6	2571	(+)	NNNGATRNNN	AATGATACTT
M0007		0.78035				
5	V\$GATA1_01	5	2595	(-)	SNNGATNNNN	AAAAATCAAA
M0020		0.89530				
3	V\$GATA_C	9	2665	(-)	NGATAAGNMNN	TGGCTATATCT
M0012		0.78343				
6	V\$GATA1_02	8	2666	(-)	NNNNNGATANKGNN	GGCTATATCTACCC
M0012		0.83609				
8	V\$GATA1_04	1	2666	(-)	NNCWGATARNNNN	GGCTATATCTACC
M0007		0.81145				
5	V\$GATA1_01	1	2668	(-)	SNNGATNNNN	CTATATCTAC
M0007						
6	V\$GATA2_01	0.80018	2668	(-)	NNNGATRNNN	CTATATCTAC
M0007		0.85733				
7	V\$GATA3_01	3	2668	(-)	NNGATARNG	CTATATCTA
M0007		0.78084				
5	V\$GATA1_01	9	2680	(-)	SNNGATNNNN	ATAAATCTAG
M0007		0.86031				
5	V\$GATA1_01	6	2724	(-)	SNNGATNNNN	CCAAATCACT
M0007		0.81371				
6	V\$GATA2_01	2	2724	(-)	NNNGATRNNN	CCAAATCACT
M0007		0.88258				
7	V\$GATA3_01	8	2724	(-)	NNGATARNG	CCAAATCAC
M0007						
5	V\$GATA1_01	0.88845	2801	(-)	SNNGATNNNN	TGCAATCATG
M0007		0.85340				
6	V\$GATA2_01	6	2801	(-)	NNNGATRNNN	TGCAATCATG
M0007		0.85378				
7	V\$GATA3_01	8	2801	(-)	NNGATARNG	TGCAATCAT
M0020						
3	V\$GATA_C	0.84343	2828	(-)	NGATAAGNMNN	TGTGACTATCC
M0012		0.78312				
6	V\$GATA1_02	5	2829	(-)	NNNNNGATANKGNN	GTGACTATCCTGGC
M0012		0.88020				
7	V\$GATA1_03	6	2829	(-)	RNSNNGATAANNGN	GTGACTATCCTGGC
M0007						
5	V\$GATA1_01	0.9077	2831	(-)	SNNGATNNNN	GACTATCCTG
M0007		0.95083				
6	V\$GATA2_01	4	2831	(-)	NNNGATRNNN	GACTATCCTG
M0007		0.84980				
7	V\$GATA3_01	1	2831	(-)	NNGATARNG	GACTATCCT
M0012						
6	V\$GATA1_02	0.785	2840	(-)	NNNNNGATANKGNN	GGCATTAACCTAC
M0012		0.79152				
7	V\$GATA1_03	4	2943	(-)	RNSNNGATAANNGN	ATAGTTATATTAT
M0012		0.83047				
7	V\$GATA1_03	5	2959	(+)	RNSNNGATAANNGN	AGCAAAATAGCTGC
M0012						
7	V\$GATA1_03	0.78001	3009	(-)	RNSNNGATAANNGN	ACATTTATTTCTAT
M0007						
5	V\$GATA1_01	0.79615	3034	(+)	SNNGATNNNN	AAAGATGTTC
M0007						
6	V\$GATA2_01	0.82995	3034	(+)	NNNGATRNNN	AAAGATGTTC
M0007		0.83761				
5	V\$GATA1_01	1	3045	(-)	SNNGATNNNN	GGACATCAGT
M0007		0.84573				
6	V\$GATA2_01	7	3045	(-)	NNNGATRNNN	GGACATCAGT
M0007		0.84501				
5	V\$GATA1_01	5	3067	(-)	SNNGATNNNN	AGAAATCACA

M0007		0.84573				
6	V\$GATA2_01	7	3067	(-)	NNNGATRNNN	AGAAATCACA
M0020		0.85181				
3	V\$GATA_C	7	3074	(-)	NGATAAGNMNN	ACACTTTATCA
M0012		0.84562				
6	V\$GATA1_02	5	3075	(-)	NNNNNGATANKGNN	CACTTTATCATGTA
M0012		0.89491				
8	V\$GATA1_04	4	3075	(-)	NNCWGATARNNNN	CACTTTATCATGT
M0007		0.85439				
5	V\$GATA1_01	3	3077	(-)	SNNGATNNNN	CTTTATCATG
M0007		0.85024				
6	V\$GATA2_01	8	3077	(-)	NNNGATRNNN	CTTTATCATG
M0007						
7	V\$GATA3_01	0.89012	3077	(-)	NNGATARNG	CTTTATCAT
M0007		0.77245				
5	V\$GATA1_01	8	3092	(-)	SNNGATNNNN	GAAAATCTTT
M0007		0.79386				
6	V\$GATA2_01	6	3092	(-)	NNNGATRNNN	GAAAATCTTT
M0012		0.80218				
6	V\$GATA1_02	8	3110	(+)	NNNNNGATANKGNN	CATATGATAGAGAA
M0012		0.91023				
8	V\$GATA1_04	3	3111	(+)	NNCWGATARNNNN	ATATGATAGAGAA
M0007		0.85883				
5	V\$GATA1_01	5	3112	(+)	SNNGATNNNN	TATGATAGAG
M0007		0.89264				
6	V\$GATA2_01	8	3112	(+)	NNNGATRNNN	TATGATAGAG
M0007		0.91847				
7	V\$GATA3_01	6	3113	(+)	NNGATARNG	ATGATAGAG
M0020		0.89499				
3	V\$GATA_C	8	3114	(+)	NGATAAGNMNN	TGATAGAGAAA
M0012		0.79312				
6	V\$GATA1_02	5	3149	(+)	NNNNNGATANKGNN	CTGAAGATATTTTT
M0007		0.87561				
5	V\$GATA1_01	7	3151	(+)	SNNGATNNNN	GAAGATATTT
M0007		0.90888				
6	V\$GATA2_01	6	3151	(+)	NNNGATRNNN	GAAGATATTT
M0007		0.83473				
7	V\$GATA3_01	6	3152	(+)	NNGATARNG	AAGATATTT
M0007		0.78574				
6	V\$GATA2_01	7	3169	(-)	NNNGATRNNN	TAATATGCTC
M0007		0.81638				
5	V\$GATA1_01	7	3207	(-)	SNNGATNNNN	AAAAATCATA
M0007		0.81867				
6	V\$GATA2_01	4	3207	(-)	NNNGATRNNN	AAAAATCATA
M0007		0.78282				
5	V\$GATA1_01	3	3220	(+)	SNNGATNNNN	CAGGATCAGA
M0007		0.84205				
5	V\$GATA1_01	3	3220	(-)	SNNGATNNNN	CAGGATCAGA
M0007		0.81506				
6	V\$GATA2_01	5	3220	(+)	NNNGATRNNN	CAGGATCAGA
M0007						
6	V\$GATA2_01	0.85115	3220	(-)	NNNGATRNNN	CAGGATCAGA
M0020						
3	V\$GATA_C	0.92886	3244	(-)	NGATAAGNMNN	AATTCCTATCT
M0012		0.83406				
6	V\$GATA1_02	3	3245	(-)	NNNNNGATANKGNN	ATTCCTATCTCACA
M0012		0.92616				
8	V\$GATA1_04	4	3245	(-)	NNCWGATARNNNN	ATTCCTATCTCAC
M0007		0.87166				
5	V\$GATA1_01	8	3247	(-)	SNNGATNNNN	TCCTATCTCA
M0007		0.91565				
6	V\$GATA2_01	2	3247	(-)	NNNGATRNNN	TCCTATCTCA
M0007		0.96499				
7	V\$GATA3_01	8	3247	(-)	NNGATARNG	TCCTATCTC
M0012		0.79812				
6	V\$GATA1_02	5	3262	(-)	NNNNNGATANKGNN	ACCCCAATCACTTT

M0007		0.90720				
5	V\$GATA1_01	6	3264	(-)	SNNGATNNNN	CCCAATCACT
M0007		0.85024				
6	V\$GATA2_01	8	3264	(-)	NNNGATRNNN	CCCAATCACT
M0007		0.94284				
7	V\$GATA3_01	4	3264	(-)	NNGATARNG	CCCAATCAC
M0012		0.78843				
6	V\$GATA1_02	8	3290	(+)	NNNNNGATANKGNN	TAAAAGATTGGGAA
M0007		0.85784				
5	V\$GATA1_01	8	3292	(+)	SNNGATNNNN	AAAGATTGGG
M0007		0.85340				
6	V\$GATA2_01	6	3292	(+)	NNNGATRNNN	AAAGATTGGG
M0007		0.94904				
7	V\$GATA3_01	7	3293	(+)	NNGATARNG	AAGATTGGG
M0007		0.83711				
5	V\$GATA1_01	7	3340	(-)	SNNGATNNNN	GCACATCTAC
M0007		0.80153				
6	V\$GATA2_01	4	3340	(-)	NNNGATRNNN	GCACATCTAC
M0012		0.80718				
6	V\$GATA1_02	7	3418	(+)	NNNNNGATANKGNN	CCAGGGATACTGTC
M0012		0.79103				
7	V\$GATA1_03	4	3418	(+)	RNSNNGATAANNGN	CCAGGGATACTGTC
M0007						
5	V\$GATA1_01	0.86772	3420	(+)	SNNGATNNNN	AGGGATACTG
M0007		0.90888				
6	V\$GATA2_01	6	3420	(+)	NNNGATRNNN	AGGGATACTG
M0007		0.85467				
7	V\$GATA3_01	4	3421	(+)	NNGATARNG	GGGATACTG
M0007		0.77344				
5	V\$GATA1_01	5	3432	(-)	SNNGATNNNN	CATAATCAAA
M0007		0.85201				
7	V\$GATA3_01	6	3432	(-)	NNGATARNG	CATAATCAA
M0007						
7	V\$GATA3_01	0.82942	3437	(-)	NNGATARNG	TCAAATCTA
M0012		0.79906				
6	V\$GATA1_02	3	3485	(-)	NNNNNGATANKGNN	AAAGCTATCTGAAA
M0012		0.87806				
8	V\$GATA1_04	4	3485	(-)	NNCWGATARNNNN	AAAGCTATCTGAA
M0007		0.88696				
5	V\$GATA1_01	9	3487	(-)	SNNGATNNNN	AGCTATCTGA
M0007		0.95805				
6	V\$GATA2_01	1	3487	(-)	NNNGATRNNN	AGCTATCTGA
M0007		0.87328				
7	V\$GATA3_01	3	3487	(-)	NNGATARNG	AGCTATCTG
M0007		0.87611				
5	V\$GATA1_01	1	3514	(+)	SNNGATNNNN	GGGGATTTTT
M0007		0.86693				
6	V\$GATA2_01	7	3514	(+)	NNNGATRNNN	GGGGATTTTT
M0012		0.79103				
7	V\$GATA1_03	4	3541	(-)	RNSNNGATAANNGN	CTTGTTTTCATGT
M0020		0.83224				
3	V\$GATA_C	6	3558	(-)	NGATAAGNMNN	TTGGCTATCA
M0012		0.93018				
7	V\$GATA1_03	1	3559	(-)	RNSNNGATAANNGN	TTGGCTATCACCT
M0012		0.85539				
8	V\$GATA1_04	2	3559	(-)	NNCWGATARNNNN	TTGGCTATCACCC
M0007		0.95705				
5	V\$GATA1_01	8	3561	(-)	SNNGATNNNN	GGCTATCACC
M0007						
6	V\$GATA2_01	0.9576	3561	(-)	NNNGATRNNN	GGCTATCACC
M0007						
7	V\$GATA3_01	0.87284	3561	(-)	NNGATARNG	GGCTATCAC
M0007		0.85932				
5	V\$GATA1_01	9	3587	(-)	SNNGATNNNN	TTCAATCGGC
M0007		0.81596				
6	V\$GATA2_01	8	3587	(-)	NNNGATRNNN	TTCAATCGGC

M0007		0.83783				
7	V\$GATA3_01	8	3587	(-)	NNGATARNG	TTCAATCGG
M0007		0.85340				
5	V\$GATA1_01	6	3594	(+)	SNNGATNNNN	GGCGATCCCA
M0007		0.82428				
5	V\$GATA1_01	4	3594	(-)	SNNGATNNNN	GGCGATCCCA
M0007		0.84979				
6	V\$GATA2_01	7	3594	(+)	NNNGATRNNN	GGCGATCCCA
M0007		0.90437				
6	V\$GATA2_01	5	3594	(-)	NNNGATRNNN	GGCGATCCCA
M0012		0.82015				
8	V\$GATA1_04	9	3605	(-)	NNCWGATARNNNN	GCACTTATTTGCA
M0007		0.83415				
5	V\$GATA1_01	6	3643	(+)	SNNGATNNNN	TACGATGTTT
M0007		0.86287				
6	V\$GATA2_01	8	3643	(+)	NNNGATRNNN	TACGATGTTT
M0020		0.85461				
3	V\$GATA_C	3	3740	(-)	NGATAAGNMNN	AGTTAGTATCT
M0012						
6	V\$GATA1_02	0.82625	3741	(-)	NNNNNGATANKGNN	GTTAGTATCTCCTA
M0012		0.79176				
7	V\$GATA1_03	9	3741	(-)	RNSNNGATAANNNGN	GTTAGTATCTCCTA
M0012		0.81127				
8	V\$GATA1_04	5	3741	(-)	NNCWGATARNNNN	GTTAGTATCTCCT
M0007		0.88993				
5	V\$GATA1_01	1	3743	(-)	SNNGATNNNN	TAGTATCTCC
M0007		0.89851				
6	V\$GATA2_01	2	3743	(-)	NNNGATRNNN	TAGTATCTCC
M0007		0.86486				
7	V\$GATA3_01	5	3743	(-)	NNGATARNG	TAGTATCTC
M0007		0.81641				
6	V\$GATA2_01	9	3807	(-)	NNNGATRNNN	GACTATGACA
M0012		0.79666				
7	V\$GATA1_03	8	3820	(-)	RNSNNGATAANNNGN	ACATTTATTTTCTT
M0020		0.83845				
3	V\$GATA_C	9	3903	(+)	NGATAAGNMNN	TGACAGGGATT
M0007		0.78331				
5	V\$GATA1_01	7	3907	(+)	SNNGATNNNN	AGGGATTGAA
M0007		0.78664				
6	V\$GATA2_01	9	3907	(+)	NNNGATRNNN	AGGGATTGAA
M0007						
7	V\$GATA3_01	0.84537	3908	(+)	NNGATARNG	GGGATTGAA
M0012		0.85294				
8	V\$GATA1_04	1	3917	(-)	NNCWGATARNNNN	CTTTGTATCAGAA
M0007		0.80700				
5	V\$GATA1_01	9	3919	(-)	SNNGATNNNN	TTGTATCAGA
M0007		0.83265				
6	V\$GATA2_01	7	3919	(-)	NNNGATRNNN	TTGTATCAGA
M0007		0.80157				
5	V\$GATA1_01	9	4058	(-)	SNNGATNNNN	AAGAATCAAA
M0007		0.79657				
6	V\$GATA2_01	2	4087	(-)	NNNGATRNNN	TTCAATCTTA
M0007		0.87328				
7	V\$GATA3_01	3	4087	(-)	NNGATARNG	TTCAATCTT
M0012		0.78843				
6	V\$GATA1_02	8	4106	(+)	NNNNNGATANKGNN	AAAATGATACAAAT
M0012		0.80769				
7	V\$GATA1_03	2	4106	(+)	RNSNNGATAANNNGN	AAAATGATACAAAT
M0012		0.82383				
8	V\$GATA1_04	6	4107	(+)	NNCWGATARNNNN	AAATGATACAAAT
M0007		0.77788				
5	V\$GATA1_01	7	4108	(+)	SNNGATNNNN	AATGATACAA
M0007		0.79206				
6	V\$GATA2_01	1	4108	(+)	NNNGATRNNN	AATGATACAA
M0020		0.87325				
3	V\$GATA_C	3	4110	(+)	NGATAAGNMNN	TGATACAAATT

M0020		0.83566				
3	V\$GATA_C	3	4172	(-)	NGATAAGNMNN	ATTCAATATCT
M0012		0.83656				
6	V\$GATA1_02	2	4173	(-)	NNNNNGATANKGNN	TTCAATATCTTGTA
M0012		0.84681				
8	V\$GATA1_04	4	4173	(-)	NNCWGATARNNNN	TTCAATATCTTGT
M0007		0.89141				
5	V\$GATA1_01	2	4175	(-)	SNNGATNNNN	CAATATCTTG
M0007		0.91655				
6	V\$GATA2_01	4	4175	(-)	NNNGATRNNN	CAATATCTTG
M0007		0.90163				
7	V\$GATA3_01	9	4175	(-)	NNGATARNG	CAATATCTT
M0007						
6	V\$GATA2_01	0.8083	4247	(-)	NNNGATRNNN	CATTATGCTG
M0007		0.78574				
6	V\$GATA2_01	7	4352	(-)	NNNGATRNNN	AGCAATGTGA
M0012		0.78882				
7	V\$GATA1_03	9	4355	(+)	RNSNNGATAANNGN	AATGTGATAGCATC
M0012		0.85906				
8	V\$GATA1_04	9	4356	(+)	NNCWGATARNNNN	ATGTGATAGCATC
M0007		0.88005				
5	V\$GATA1_01	9	4357	(+)	SNNGATNNNN	TGTGATAGCA
M0007		0.91700				
6	V\$GATA2_01	5	4357	(+)	NNNGATRNNN	TGTGATAGCA
M0007		0.90474				
7	V\$GATA3_01	1	4358	(+)	NNGATARNG	GTGATAGCA
M0007		0.79664				
5	V\$GATA1_01	4	4362	(-)	SNNGATNNNN	TAGCATCTTT
M0007		0.81506				
6	V\$GATA2_01	5	4362	(-)	NNNGATRNNN	TAGCATCTTT
M0020						
3	V\$GATA_C	0.83908	4386	(-)	NGATAAGNMNN	ATTCCTTCTCT
M0007		0.84758				
7	V\$GATA3_01	5	4389	(-)	NNGATARNG	CCTTCTCTC
M0012		0.86968				
6	V\$GATA1_02	7	4411	(+)	NNNNNGATANKGNN	GTTAAGATAATATT
M0012		0.79862				
7	V\$GATA1_03	8	4411	(+)	RNSNNGATAANNGN	GTTAAGATAATATT
M0012		0.86090				
8	V\$GATA1_04	7	4412	(+)	NNCWGATARNNNN	TTAAGATAATATT
M0007		0.84979				
6	V\$GATA2_01	7	4413	(+)	NNNGATRNNN	TAAGATAATA
M0007		0.89853				
7	V\$GATA3_01	8	4414	(+)	NNGATARNG	AAGATAATA
M0020		0.85958				
3	V\$GATA_C	4	4415	(+)	NGATAAGNMNN	AGATAATATTT
M0007						
5	V\$GATA1_01	0.77542	4440	(+)	SNNGATNNNN	TGAGATGAAC
M0007		0.81551				
6	V\$GATA2_01	6	4440	(+)	NNNGATRNNN	TGAGATGAAC
M0007		0.83030				
7	V\$GATA3_01	6	4452	(-)	NNGATARNG	CATAATCCA
M0012		0.80132				
7	V\$GATA1_03	3	4527	(-)	RNSNNGATAANNGN	CTTTTGTCCCCC
M0012						
6	V\$GATA1_02	0.83625	4557	(-)	NNNNNGATANKGNN	AAAACATCTTAAG
M0012		0.84007				
8	V\$GATA1_04	4	4557	(-)	NNCWGATARNNNN	AAAACATCTTAA
M0007		0.86623				
5	V\$GATA1_01	9	4559	(-)	SNNGATNNNN	AACTATCTTA
M0007		0.93098				
6	V\$GATA2_01	8	4559	(-)	NNNGATRNNN	AACTATCTTA
M0007		0.89499				
7	V\$GATA3_01	3	4559	(-)	NNGATARNG	AACTATCTT
M0007		0.79318				
5	V\$GATA1_01	9	4569	(-)	SNNGATNNNN	AGGAATCAAT

M0007		0.83761				
5	V\$GATA1_01	1	4598	(+)	SNNGATNNNN	ACTGATATCC
M0007		0.87415				
6	V\$GATA2_01	4	4598	(+)	NNNGATRNNN	ACTGATATCC
M0012		0.82116				
7	V\$GATA1_03	6	4598	(-)	RNSNNGATAANNGN	ACTGATATCCAGAT
M0007		0.80404				
5	V\$GATA1_01	7	4600	(-)	SNNGATNNNN	TGATATCCAG
M0007						
6	V\$GATA2_01	0.82544	4600	(-)	NNNGATRNNN	TGATATCCAG
M0007		0.86525				
5	V\$GATA1_01	2	4606	(+)	SNNGATNNNN	CCAGATGTTA
M0007		0.85340				
6	V\$GATA2_01	6	4606	(+)	NNNGATRNNN	CCAGATGTTA
M0007		0.81688				
5	V\$GATA1_01	1	4615	(-)	SNNGATNNNN	ATGCATCCCT
M0007		0.82724				
6	V\$GATA2_01	4	4615	(-)	NNNGATRNNN	ATGCATCCCT
M0012		0.78466				
7	V\$GATA1_03	4	4688	(+)	RNSNNGATAANNGN	CAGGACATAATCAT
M0007		0.79070				
6	V\$GATA2_01	8	4690	(+)	NNNGATRNNN	GGACATAATC
M0007		0.80108				
5	V\$GATA1_01	6	4693	(-)	SNNGATNNNN	CATAATCATT
M0007		0.78439				
6	V\$GATA2_01	3	4693	(-)	NNNGATRNNN	CATAATCATT
M0007		0.87638				
7	V\$GATA3_01	5	4693	(-)	NNGATARNG	CATAATCAT
M0007		0.82002				
6	V\$GATA2_01	7	4741	(-)	NNNGATRNNN	AACTATGAGA
M0012		0.86093				
6	V\$GATA1_02	8	4744	(+)	NNNNNGATANKGNN	TATGAGATAATGAA
M0012		0.90563				
8	V\$GATA1_04	7	4745	(+)	NNCWGATARNNNN	ATGAGATAATGAA
M0007		0.84106				
5	V\$GATA1_01	6	4746	(+)	SNNGATNNNN	TGAGATAATG
M0007		0.90076				
6	V\$GATA2_01	7	4746	(+)	NNNGATRNNN	TGAGATAATG
M0007						
7	V\$GATA3_01	0.95082	4747	(+)	NNGATARNG	GAGATAATG
M0020		0.90214				
3	V\$GATA_C	4	4748	(+)	NGATAAGNMNN	AGATAATGAAA
M0007		0.78134				
5	V\$GATA1_01	3	4769	(+)	SNNGATNNNN	AGAGATCATG
M0007		0.84945				
5	V\$GATA1_01	7	4769	(-)	SNNGATNNNN	AGAGATCATG
M0007		0.80378				
6	V\$GATA2_01	9	4769	(+)	NNNGATRNNN	AGAGATCATG
M0007						
6	V\$GATA2_01	0.84664	4769	(-)	NNNGATRNNN	AGAGATCATG
M0007		0.83517				
7	V\$GATA3_01	9	4770	(+)	NNGATARNG	GAGATCATG
M0007		0.81243				
5	V\$GATA1_01	8	4794	(+)	SNNGATNNNN	TAAGATGCAG
M0007		0.85024				
6	V\$GATA2_01	8	4794	(+)	NNNGATRNNN	TAAGATGCAG
M0012		0.77281				
6	V\$GATA1_02	2	4799	(+)	NNNNNGATANKGNN	TGCAGGATACGAAA
M0012						
7	V\$GATA1_03	0.78197	4799	(+)	RNSNNGATAANNGN	TGCAGGATACGAAA
M0007		0.87364				
5	V\$GATA1_01	3	4801	(+)	SNNGATNNNN	CAGGATACGA
M0007		0.90572				
6	V\$GATA2_01	8	4801	(+)	NNNGATRNNN	CAGGATACGA
M0007		0.82321				
7	V\$GATA3_01	7	4802	(+)	NNGATARNG	AGGATACGA

M0020		0.89375				
3	V\$GATA_C	6	4803	(+)	NGATAAGNMNN	GGATACGAAAA
M0007		0.81934				
5	V\$GATA1_01	8	4860	(+)	SNNGATNNNN	TAAGATGTCT
M0007						
6	V\$GATA2_01	0.88498	4860	(+)	NNNGATRNNN	TAAGATGTCT
M0012		0.80034				
7	V\$GATA1_03	3	4866	(+)	RNSNNGATAANNGN	GTCTAGATTATCAG
M0007		0.78726				
5	V\$GATA1_01	6	4868	(+)	SNNGATNNNN	CTAGATTATC
M0012		0.81156				
6	V\$GATA1_02	2	4869	(-)	NNNNNGATANKGNN	TAGATTATCAGAAT
M0012		0.81234				
7	V\$GATA1_03	7	4869	(-)	RNSNNGATAANNGN	TAGATTATCAGAAT
M0012						
8	V\$GATA1_04	0.85386	4869	(-)	NNCWGATARNNNN	TAGATTATCAGAA
M0007		0.82773				
5	V\$GATA1_01	9	4871	(-)	SNNGATNNNN	GATTATCAGA
M0007		0.87280				
6	V\$GATA2_01	1	4871	(-)	NNNGATRNNN	GATTATCAGA
M0007		0.83739				
7	V\$GATA3_01	5	4871	(-)	NNGATARNG	GATTATCAG
M0020		0.84001				
3	V\$GATA_C	2	4967	(-)	NGATAAGNMNN	AGTCTCTGTCT
M0012		0.79813				
7	V\$GATA1_03	8	4993	(-)	RNSNNGATAANNGN	TCTATTATTTTTT
M0007						
6	V\$GATA2_01	0.78304	5111	(-)	NNNGATRNNN	AATTATGACC
M0007		0.86821				
5	V\$GATA1_01	3	5119	(-)	SNNGATNNNN	CCTCATCGCA
M0007		0.87550				
6	V\$GATA2_01	7	5119	(-)	NNNGATRNNN	CCTCATCGCA
M0007		0.88834				
7	V\$GATA3_01	7	5119	(-)	NNGATARNG	CCTCATCGC
M0007		0.82724				
5	V\$GATA1_01	6	5217	(-)	SNNGATNNNN	TGCAATCCAG
M0007		0.79747				
6	V\$GATA2_01	4	5217	(-)	NNNGATRNNN	TGCAATCCAG
M0007		0.83662				
5	V\$GATA1_01	4	5259	(+)	SNNGATNNNN	GTTGATTTTT
M0007		0.87265				
5	V\$GATA1_01	5	5341	(-)	SNNGATNNNN	AAAAATCATC
M0007		0.83310				
6	V\$GATA2_01	8	5341	(-)	NNNGATRNNN	AAAAATCATC
M0007		0.80108				
5	V\$GATA1_01	6	5344	(-)	SNNGATNNNN	AATCATCTTA
M0007						
6	V\$GATA2_01	0.85115	5344	(-)	NNNGATRNNN	AATCATCTTA
M0012		0.80401				
7	V\$GATA1_03	8	5348	(+)	RNSNNGATAANNGN	ATCTTAATAGGAGG
M0012		0.78312				
6	V\$GATA1_02	5	5450	(-)	NNNNNGATANKGNN	GCAAATATCACGTG
M0012		0.78833				
7	V\$GATA1_03	9	5450	(-)	RNSNNGATAANNGN	GCAAATATCACGTG
M0012		0.83118				
8	V\$GATA1_04	9	5450	(-)	NNCWGATARNNNN	GCAAATATCACGT
M0007		0.92941				
5	V\$GATA1_01	8	5452	(-)	SNNGATNNNN	AAATATCACG
M0007		0.90031				
6	V\$GATA2_01	6	5452	(-)	NNNGATRNNN	AAATATCACG
M0007		0.82853				
7	V\$GATA3_01	3	5452	(-)	NNGATARNG	AAATATCAC
M0007		0.80700				
5	V\$GATA1_01	9	5482	(+)	SNNGATNNNN	TCAGATGATC
M0007		0.85566				
6	V\$GATA2_01	1	5482	(+)	NNNGATRNNN	TCAGATGATC

M0007		0.79121				
5	V\$GATA1_01	4	5485	(+)	SNNGATNNNN	GATGATCACA
M0007		0.78430				
5	V\$GATA1_01	4	5485	(-)	SNNGATNNNN	GATGATCACA
M0007		0.80739				
6	V\$GATA2_01	7	5485	(+)	NNNGATRNNN	GATGATCACA
M0007						
6	V\$GATA2_01	0.8083	5485	(-)	NNNGATRNNN	GATGATCACA
M0012		0.79348				
7	V\$GATA1_03	4	5509	(-)	RNSNNGATAANNGN	GAATTTTCTCCCT
M0007		0.80799				
5	V\$GATA1_01	6	5527	(+)	SNNGATNNNN	AATGATTTTT
M0007		0.78619				
6	V\$GATA2_01	8	5527	(+)	NNNGATRNNN	AATGATTTTT
M0012		0.78417				
7	V\$GATA1_03	4	5559	(-)	RNSNNGATAANNGN	TTCATTATTACTAT
M0007		0.80602				
5	V\$GATA1_01	2	5580	(-)	SNNGATNNNN	GTATATCACT
M0007		0.81506				
6	V\$GATA2_01	5	5580	(-)	NNNGATRNNN	GTATATCACT
M0007						
7	V\$GATA3_01	0.82942	5619	(+)	NNGATARNG	TAGATTAGT
M0020		0.86672				
3	V\$GATA_C	9	5685	(-)	NGATAAGNMNN	ATGTTTTGTCT
M0012						
6	V\$GATA1_02	0.8225	5704	(-)	NNNNNGATANKGNN	AAAGGTATCTTTAA
M0007		0.83218				
5	V\$GATA1_01	2	5706	(-)	SNNGATNNNN	AGGTATCTTT
M0007		0.89219				
6	V\$GATA2_01	7	5706	(-)	NNNGATRNNN	AGGTATCTTT
M0007		0.82033				
5	V\$GATA1_01	6	5727	(-)	SNNGATNNNN	AAAAATCTAG
M0020		0.83379				
3	V\$GATA_C	9	5769	(-)	NGATAAGNMNN	ATTACTTCTCT
M0012		0.81096				
8	V\$GATA1_04	8	5770	(-)	NNCWGATARNNNN	TTACTTCTCTGAA
M0007		0.81737				
5	V\$GATA1_01	4	5778	(-)	SNNGATNNNN	CTGAATCTCA
M0007		0.82228				
6	V\$GATA2_01	2	5778	(-)	NNNGATRNNN	CTGAATCTCA
M0007		0.84625				
7	V\$GATA3_01	6	5778	(-)	NNGATARNG	CTGAATCTC
M0020		0.83659				
3	V\$GATA_C	5	5844	(+)	NGATAAGNMNN	AGACATGGACT
M0012		0.81687				
6	V\$GATA1_02	5	5890	(+)	NNNNNGATANKGNN	TTAATGATATTAAA
M0012		0.81158				
8	V\$GATA1_04	1	5891	(+)	NNCWGATARNNNN	TAATGATATTAAA
M0007						
5	V\$GATA1_01	0.79615	5892	(+)	SNNGATNNNN	AATGATATTA
M0007		0.82092				
6	V\$GATA2_01	9	5892	(+)	NNNGATRNNN	AATGATATTA
M0007		0.84315				
7	V\$GATA3_01	5	5893	(+)	NNGATARNG	ATGATATTA
M0012		0.78466				
7	V\$GATA1_03	4	5949	(-)	RNSNNGATAANNGN	CTAATAATCTGTGT
M0007		0.78973				
5	V\$GATA1_01	3	5951	(-)	SNNGATNNNN	AATAATCTGT
M0007		0.79070				
6	V\$GATA2_01	8	5951	(-)	NNNGATRNNN	AATAATCTGT
M0007		0.82720				
7	V\$GATA3_01	4	5951	(-)	NNGATARNG	AATAATCTG
M0007		0.83415				
5	V\$GATA1_01	6	5966	(-)	SNNGATNNNN	AGTCATCAGT
M0007		0.83446				
6	V\$GATA2_01	1	5966	(-)	NNNGATRNNN	AGTCATCAGT

M0007		0.81885				
5	V\$GATA1_01	5	5977	(-)	SNNGATNNNN	AGCAATCAAT
M0007		0.88450				
5	V\$GATA1_01	1	5981	(-)	SNNGATNNNN	ATCAATCATG
M0007		0.82408				
6	V\$GATA2_01	7	5981	(-)	NNNGATRNNN	ATCAATCATG
M0007						
6	V\$GATA2_01	0.78304	5994	(-)	NNNGATRNNN	ATTAATCTCA
M0007		0.83030				
7	V\$GATA3_01	6	5994	(-)	NNGATARNG	ATTAATCTC
M0007		0.85636				
5	V\$GATA1_01	7	6014	(-)	SNNGATNNNN	AAAAATCTTG
M0007		0.83897				
6	V\$GATA2_01	2	6014	(-)	NNNGATRNNN	AAAAATCTTG
M0012		0.88853				
7	V\$GATA1_03	5	6020	(-)	RNSNNGATAANNGN	CTTGGTATCATCTT
M0012		0.82444				
8	V\$GATA1_04	9	6020	(-)	NNCWGATARNNNN	CTTGGTATCATCT
M0007		0.88203				
5	V\$GATA1_01	4	6022	(-)	SNNGATNNNN	TGGTATCATC
M0007						
6	V\$GATA2_01	0.89806	6022	(-)	NNNGATRNNN	TGGTATCATC
M0007						
6	V\$GATA2_01	0.82138	6025	(-)	NNNGATRNNN	TATCATCTTA
M0007		0.84492				
7	V\$GATA3_01	7	6025	(-)	NNGATARNG	TATCATCTT
M0012						
6	V\$GATA1_02	0.78375	6070	(+)	NNNNNGATANKGNN	TTAGCAATAAGAGA
M0007		0.84698				
5	V\$GATA1_01	9	6174	(-)	SNNGATNNNN	ATCCATCTCT
M0007		0.83806				
6	V\$GATA2_01	9	6174	(-)	NNNGATRNNN	ATCCATCTCT
M0007		0.83872				
7	V\$GATA3_01	4	6174	(-)	NNGATARNG	ATCCATCTC
M0012						
6	V\$GATA1_02	0.7925	6197	(-)	NNNNNGATANKGNN	ACACTTATATTTAC
M0012		0.79519				
7	V\$GATA1_03	8	6197	(-)	RNSNNGATAANNGN	ACACTTATATTTAC
M0012		0.78711				
7	V\$GATA1_03	4	6206	(-)	RNSNNGATAANNGN	TTTACTTTCTCCTT
M0007		0.84896				
5	V\$GATA1_01	3	6311	(+)	SNNGATNNNN	GTIGATTTGT
M0007		0.79476				
6	V\$GATA2_01	8	6345	(+)	NNNGATRNNN	TGACATATTT
M0007		0.79070				
6	V\$GATA2_01	8	6363	(+)	NNNGATRNNN	GCACATAATC
M0007		0.85201				
7	V\$GATA3_01	6	6366	(-)	NNGATARNG	CATAATCAA
M0012						
6	V\$GATA1_02	0.79	6408	(+)	NNNNNGATANKGNN	TTACTGATATTTAA
M0012		0.83088				
8	V\$GATA1_04	2	6409	(+)	NNCWGATARNNNN	TACTGATATTTAA
M0007		0.85241				
5	V\$GATA1_01	9	6410	(+)	SNNGATNNNN	ACTGATATTT
M0007		0.85881				
6	V\$GATA2_01	8	6410	(+)	NNNGATRNNN	ACTGATATTT
M0012		0.85281				
6	V\$GATA1_02	2	6419	(+)	NNNNNGATANKGNN	TAACAGATAAAATT
M0012		0.90808				
8	V\$GATA1_04	8	6420	(+)	NNCWGATARNNNN	AACAGATAAAATT
M0007		0.78529				
6	V\$GATA2_01	5	6421	(+)	NNNGATRNNN	ACAGATAAAA
M0007						
7	V\$GATA3_01	0.87284	6422	(+)	NNGATARNG	CAGATAAAA
M0020						
3	V\$GATA_C	0.90028	6423	(+)	NGATAAGNMNN	AGATAAAATTA

M0007		0.80009				
5	V\$GATA1_01	9	6454	(-)	SNNGATNNNN	ATACATCCAG
M0007		0.83218				
5	V\$GATA1_01	2	6472	(-)	SNNGATNNNN	CTACATCACT
M0007		0.80333				
6	V\$GATA2_01	8	6472	(-)	NNNGATRNNN	CTACATCACT
M0007		0.82188				
7	V\$GATA3_01	7	6472	(-)	NNGATARNG	CTACATCAC
M0012		0.84436				
8	V\$GATA1_04	3	6493	(+)	NNCWGATARNNNN	TTCTGATATAATT
M0007		0.78578				
5	V\$GATA1_01	5	6494	(+)	SNNGATNNNN	TCTGATATAA
M0007						
6	V\$GATA2_01	0.82138	6494	(+)	NNNGATRNNN	TCTGATATAA
M0007		0.89733				
5	V\$GATA1_01	5	6516	(+)	SNNGATNNNN	GGGGATGTGC
M0007		0.90572				
6	V\$GATA2_01	8	6516	(+)	NNNGATRNNN	GGGGATGTGC
M0012		0.79031				
6	V\$GATA1_02	2	6530	(-)	NNNNNGATANKGNN	AGCCTTCTCTCTAG
M0007		0.84758				
7	V\$GATA3_01	5	6532	(-)	NNGATARNG	CCTTCTCTC
M0007						
6	V\$GATA2_01	0.81687	6657	(-)	NNNGATRNNN	GAGTATGCCA
M0007		0.79296				
6	V\$GATA2_01	3	6672	(-)	NNNGATRNNN	CTCTATGAGA
M0007		0.83662				
5	V\$GATA1_01	4	6677	(+)	SNNGATNNNN	TGAGATTTGT
M0007		0.84438				
6	V\$GATA2_01	4	6677	(+)	NNNGATRNNN	TGAGATTTGT
M0007		0.83916				
7	V\$GATA3_01	7	6678	(+)	NNGATARNG	GAGATTTGT
M0020		0.85461				
3	V\$GATA_C	3	6678	(-)	NGATAAGNMNN	GAGATTGTCT
M0020		0.90773				
3	V\$GATA_C	5	6767	(-)	NGATAAGNMNN	ATGAATTATCT
M0012		0.80812				
6	V\$GATA1_02	5	6768	(-)	NNNNNGATANKGNN	TGAATTATCTTACC
M0012		0.79911				
7	V\$GATA1_03	8	6768	(-)	RNSNNGATAANNGN	TGAATTATCTTACC
M0012		0.88051				
8	V\$GATA1_04	5	6768	(-)	NNCWGATARNNNN	TGAATTATCTTAC
M0007		0.80108				
5	V\$GATA1_01	6	6770	(-)	SNNGATNNNN	AATTATCTTA
M0007		0.87956				
6	V\$GATA2_01	7	6770	(-)	NNNGATRNNN	AATTATCTTA
M0007		0.86663				
7	V\$GATA3_01	7	6770	(-)	NNGATARNG	AATTATCTT
M0021		0.88671				
6	V\$TATA_C	8	17	(+)	NCTATAAAAR	GCTTTATAAA
M0025		0.83303				
2	V\$TATA_01	7	18	(+)	STATAAAWRNNNNNN	CTTTATAAATGACAA
M0021		0.80512				
6	V\$TATA_C	3	19	(+)	NCTATAAAAR	TTTATAAATG
M0025		0.88936				
2	V\$TATA_01	8	20	(+)	STATAAAWRNNNNNN	TTATAAATGACAAC
M0025		0.79142				
2	V\$TATA_01	3	142	(+)	STATAAAWRNNNNNN	AGATAAATCACATGC
M0025						
2	V\$TATA_01	0.78508	341	(+)	STATAAAWRNNNNNN	GTTTTTATTGCTAAG
M0021		0.79297				
6	V\$TATA_C	6	410	(+)	NCTATAAAAR	TCTGTATAAT
M0025		0.79599				
2	V\$TATA_01	1	545	(+)	STATAAAWRNNNNNN	ACATATGTGGAGGGC
M0021		0.75442				
6	V\$TATA_C	3	583	(+)	NCTATAAAAR	GTCATAATAA

M0025		0.77061				
2	V\$TATA_01	7	584	(+)	STATAAAWRNNNNNN	TCATAATAATCCAGA
M0021		0.82360				
6	V\$TATA_C	7	613	(+)	NCTATAAAAR	AATTTAAAAAT
M0021		0.80221				
6	V\$TATA_C	8	630	(+)	NCTATAAAAR	TCTATCTAAA
M0021		0.75891				
6	V\$TATA_C	2	639	(+)	NCTATAAAAR	AGATTATAAT
M0021		0.76815				
6	V\$TATA_C	4	669	(+)	NCTATAAAAR	TTTTTTAAAA
M0021		0.89015				
6	V\$TATA_C	1	670	(+)	NCTATAAAAR	TTTTTAAAAA
M0021		0.75072				
6	V\$TATA_C	6	671	(+)	NCTATAAAAR	TTTTAAAAAT
M0025		0.78228				
2	V\$TATA_01	9	671	(+)	STATAAAWRNNNNNN	TTTTAAAAATTATGA
M0025		0.77239				
2	V\$TATA_01	3	687	(+)	STATAAAWRNNNNNN	TTACATATCCTCACG
M0021		0.77898				
6	V\$TATA_C	1	803	(+)	NCTATAAAAR	TGCTAAAAAA
M0021		0.86612				
6	V\$TATA_C	1	804	(+)	NCTATAAAAR	GCTAAAAAAG
M0025		0.82593				
2	V\$TATA_01	3	805	(+)	STATAAAWRNNNNNN	CTAAAAAAGAGGATC
M0025		0.77366				
2	V\$TATA_01	2	855	(+)	STATAAAWRNNNNNN	GTGTAAATCTGTATA
M0025		0.77442				
2	V\$TATA_01	3	865	(+)	STATAAAWRNNNNNN	GTATATGTGTTATAA
M0021		0.85951				
6	V\$TATA_C	9	926	(+)	NCTATAAAAR	ACTACAAAAA
M0025		0.83151				
2	V\$TATA_01	5	927	(+)	STATAAAWRNNNNNN	CTACAAAAAAGAAAT
M0025		0.80487				
2	V\$TATA_01	2	998	(+)	STATAAAWRNNNNNN	CAATATATAAATATA
M0021		0.80221				
6	V\$TATA_C	8	999	(+)	NCTATAAAAR	AATATATAAA
M0025		0.87769				
2	V\$TATA_01	6	1000	(+)	STATAAAWRNNNNNN	ATATATAAATATATC
M0021		0.75178				
6	V\$TATA_C	2	1001	(+)	NCTATAAAAR	TATATAAATA
M0025		0.85587				
2	V\$TATA_01	4	1002	(+)	STATAAAWRNNNNNN	ATATAAATATATCAA
M0021						
6	V\$TATA_C	0.79456	1025	(+)	NCTATAAAAR	GTCATATAAT
M0025		0.80893				
2	V\$TATA_01	2	1033	(+)	STATAAAWRNNNNNN	ATTTAAATTTACACA
M0021		0.76472				
6	V\$TATA_C	1	1070	(+)	NCTATAAAAR	GTGTTAAAAA
M0021		0.80644				
6	V\$TATA_C	3	1071	(+)	NCTATAAAAR	TGTTAAAAAA
M0021		0.76445				
6	V\$TATA_C	7	1072	(+)	NCTATAAAAR	GTAAAAAAAT
M0025						
2	V\$TATA_01	0.82238	1106	(+)	STATAAAWRNNNNNN	GAATTAATAGGGAAC
M0021		0.74306				
6	V\$TATA_C	8	1131	(+)	NCTATAAAAR	TCATTGAAAT
M0021		0.75547				
6	V\$TATA_C	9	1190	(+)	NCTATAAAAR	CCTATCAGAG
M0021		0.75917				
6	V\$TATA_C	6	1225	(+)	NCTATAAAAR	TCTTTCTAAT
M0021		0.75151				
6	V\$TATA_C	8	1247	(+)	NCTATAAAAR	TGAATCAAAA
M0021						
6	V\$TATA_C	0.77502	1316	(+)	NCTATAAAAR	CTTGTA AAC
M0021		0.87985				
6	V\$TATA_C	2	1345	(+)	NCTATAAAAR	TCTATACAAG

M0025		0.80106				
2	V\$TATA_01	6	1346	(+)	STATAAAWRNNNNNN	CTATACAAGTAGGTC
M0021		0.79746				
6	V\$TATA_C	5	1359	(+)	NCTATAAAAR	TCAATAACAG
M0021		0.74465				
6	V\$TATA_C	3	1422	(+)	NCTATAAAAR	AATATTAAAA
M0021		0.81383				
6	V\$TATA_C	7	1423	(+)	NCTATAAAAR	ATATTAAAAG
M0025		0.83024				
2	V\$TATA_01	6	1423	(+)	STATAAAWRNNNNNN	ATATTAAAAAGCTTAA
M0021		0.75442				
6	V\$TATA_C	3	1431	(+)	NCTATAAAAR	AGCTTAAACT
M0021		0.77660				
6	V\$TATA_C	4	1451	(+)	NCTATAAAAR	TCTTTCTAAA
M0021		0.80195				
6	V\$TATA_C	4	1453	(+)	NCTATAAAAR	TTTCTAAAAA
M0021		0.75204				
6	V\$TATA_C	6	1454	(+)	NCTATAAAAR	TTCTAAAAAG
M0021		0.74465				
6	V\$TATA_C	3	1455	(+)	NCTATAAAAR	TCTAAAAAGA
M0021		0.76102				
6	V\$TATA_C	5	1467	(+)	NCTATAAAAR	ATTTTTAAAA
M0021		0.89015				
6	V\$TATA_C	1	1468	(+)	NCTATAAAAR	TTTTTAAAAA
M0021		0.76815				
6	V\$TATA_C	4	1469	(+)	NCTATAAAAR	TTTTAAAAAA
M0025		0.80411				
2	V\$TATA_01	1	1469	(+)	STATAAAWRNNNNNN	TTTTAAAAAATCAAA
M0021						
6	V\$TATA_C	0.77634	1470	(+)	NCTATAAAAR	TTTAAAAAAT
M0021		0.84235				
6	V\$TATA_C	5	1507	(+)	NCTATAAAAR	CCTTTAGAAA
M0021		0.84103				
6	V\$TATA_C	5	1534	(+)	NCTATAAAAR	TCTTTAAATA
M0025		0.81070				
2	V\$TATA_01	8	1535	(+)	STATAAAWRNNNNNN	CTTTAAATATTTTCAG
M0021		0.79376				
6	V\$TATA_C	8	1580	(+)	NCTATAAAAR	TTTATTAAAA
M0021		0.78320				
6	V\$TATA_C	6	1581	(+)	NCTATAAAAR	TTATTAAAC
M0025		0.81882				
2	V\$TATA_01	8	1581	(+)	STATAAAWRNNNNNN	TTATTAAACAATCA
M0021		0.76287				
6	V\$TATA_C	3	1712	(+)	NCTATAAAAR	ATTTTAGAAA
M0025						
2	V\$TATA_01	0.78102	1737	(+)	STATAAAWRNNNNNN	TCATTTATAGGTAAG
M0021		0.77422				
6	V\$TATA_C	8	1762	(+)	NCTATAAAAR	CCCAGATAAA
M0021		0.80829				
6	V\$TATA_C	2	1889	(+)	NCTATAAAAR	TGTTTACAAA
M0025		0.78051				
2	V\$TATA_01	3	1890	(+)	STATAAAWRNNNNNN	GTTTACAAAGCCTTG
M0021		0.77475				
6	V\$TATA_C	6	1983	(+)	NCTATAAAAR	TCCATTTAAA
M0021						
6	V\$TATA_C	0.74254	1984	(+)	NCTATAAAAR	CCATTTAAAT
M0025		0.80182				
2	V\$TATA_01	7	1984	(+)	STATAAAWRNNNNNN	CCATTTAAATGCCCA
M0025		0.89063				
2	V\$TATA_01	7	1986	(+)	STATAAAWRNNNNNN	ATTTAAATGCCCATG
M0025		0.81502				
2	V\$TATA_01	2	2038	(+)	STATAAAWRNNNNNN	CTATTAATCTCTGCA
M0025		0.86678				
2	V\$TATA_01	5	2114	(+)	STATAAAWRNNNNNN	CTATATGTAGAAAGC
M0021		0.76366				
6	V\$TATA_C	5	2157	(+)	NCTATAAAAR	CCTCTAACAG

M0021		0.75864				
6	V\$TATA_C	8	2233	(+)	NCTATAAAAR	CCTTGATAAT
M0021		0.77660				
6	V\$TATA_C	4	2266	(+)	NCTATAAAAR	TCTTTATATA
M0025		0.83430				
2	V\$TATA_01	6	2267	(+)	STATAAAWRNNNNNN	CTTTATATATATAAG
M0025		0.84927				
2	V\$TATA_01	7	2269	(+)	STATAAAWRNNNNNN	TTATATATATAAGCT
M0025		0.86044				
2	V\$TATA_01	2	2271	(+)	STATAAAWRNNNNNN	ATATATATAAGCTAA
M0021		0.82070				
6	V\$TATA_C	2	2272	(+)	NCTATAAAAR	TATATATAAG
M0025		0.87744				
2	V\$TATA_01	2	2273	(+)	STATAAAWRNNNNNN	ATATATAAGCTAAAA
M0025		0.83329				
2	V\$TATA_01	1	2291	(+)	STATAAAWRNNNNNN	TTATTTATAGGTAAG
M0021		0.87747				
6	V\$TATA_C	6	2313	(+)	NCTATAAAAR	CCTATAAATG
M0025		0.91448				
2	V\$TATA_01	9	2314	(+)	STATAAAWRNNNNNN	CTATAAATGTACATA
M0025		0.77112				
2	V\$TATA_01	4	2322	(+)	STATAAAWRNNNNNN	GTACATATATATTTA
M0025		0.78863				
2	V\$TATA_01	2	2324	(+)	STATAAAWRNNNNNN	ACATATATATTTATA
M0025		0.85688				
2	V\$TATA_01	9	2326	(+)	STATAAAWRNNNNNN	ATATATATTTATAGG
M0025		0.78533				
2	V\$TATA_01	4	2328	(+)	STATAAAWRNNNNNN	ATATATTTATAGGCA
M0025		0.87109				
2	V\$TATA_01	9	2330	(+)	STATAAAWRNNNNNN	ATATTTATAGGCACC
M0025		0.79954				
2	V\$TATA_01	3	2332	(+)	STATAAAWRNNNNNN	ATTTATAGGCACCAT
M0025		0.87338				
2	V\$TATA_01	2	2361	(+)	STATAAAWRNNNNNN	TTATATATGTGTATG
M0025		0.78355				
2	V\$TATA_01	7	2363	(+)	STATAAAWRNNNNNN	ATATATGTGTATGTA
M0025		0.79218				
2	V\$TATA_01	5	2371	(+)	STATAAAWRNNNNNN	GTATGTATATGTGTA
M0025		0.82821				
2	V\$TATA_01	6	2375	(+)	STATAAAWRNNNNNN	GTATATGTGTATACA
M0025		0.84775				
2	V\$TATA_01	4	2383	(+)	STATAAAWRNNNNNN	GTATACATAGGGACA
M0025		0.79649				
2	V\$TATA_01	8	2385	(+)	STATAAAWRNNNNNN	ATACATAGGGACACA
M0021		0.78188				
6	V\$TATA_C	5	2414	(+)	NCTATAAAAR	AGTTTAAAGT
M0021		0.75600				
6	V\$TATA_C	7	2445	(+)	NCTATAAAAR	TCTACAACAG
M0021		0.84895				
6	V\$TATA_C	7	2453	(+)	NCTATAAAAR	AGAATAAAAT
M0025		0.79243				
2	V\$TATA_01	8	2454	(+)	STATAAAWRNNNNNN	GAATAAAATTCTCAT
M0025						
2	V\$TATA_01	0.79117	2478	(+)	STATAAAWRNNNNNN	TTATTTATAAAAAAT
M0021		0.78373				
6	V\$TATA_C	4	2479	(+)	NCTATAAAAR	TATTTATAAA
M0025		0.81045				
2	V\$TATA_01	4	2480	(+)	STATAAAWRNNNNNN	ATTTATAAAAAATTG
M0021		0.91576				
6	V\$TATA_C	4	2481	(+)	NCTATAAAAR	TTTATAAAAA
M0025		0.85105				
2	V\$TATA_01	3	2482	(+)	STATAAAWRNNNNNN	TTATAAAAAATTGTG
M0021		0.74914				
6	V\$TATA_C	2	2507	(+)	NCTATAAAAR	TCCTTATTAA
M0025		0.82948				
2	V\$TATA_01	5	2510	(+)	STATAAAWRNNNNNN	TTATTAATGGCCTAC

M0025		0.79091				
2	V\$TATA_01	6	2551	(+)	STATAAAWRNNNNNN	GAATATATGATTAAC
M0025		0.77010				
2	V\$TATA_01	9	2553	(+)	STATAAAWRNNNNNN	ATATATGATTAACCT
M0021		0.75019				
6	V\$TATA_C	8	2578	(+)	NCTATAAAAR	CTTTTAATAT
M0025		0.77416				
2	V\$TATA_01	9	2584	(+)	STATAAAWRNNNNNN	ATATTATAGCCAAAA
M0021		0.76815				
6	V\$TATA_C	4	2639	(+)	NCTATAAAAR	TTTTTAATAA
M0021		0.81779				
6	V\$TATA_C	8	2642	(+)	NCTATAAAAR	TTAATAAAAT
M0025		0.83354				
2	V\$TATA_01	5	2668	(+)	STATAAAWRNNNNNN	CTATATCTACCCATA
M0021		0.81225				
6	V\$TATA_C	2	2677	(+)	NCTATAAAAR	CCCATAAATC
M0025		0.83532				
2	V\$TATA_01	1	2678	(+)	STATAAAWRNNNNNN	CCATAAACTAGTGG
M0021		0.78716				
6	V\$TATA_C	7	2699	(+)	NCTATAAAAR	TCCTTAAAGC
M0021		0.83205				
6	V\$TATA_C	7	2887	(+)	NCTATAAAAR	TGTATTAAAA
M0021		0.77132				
6	V\$TATA_C	3	2888	(+)	NCTATAAAAR	GTATTAAAAAC
M0025		0.81933				
2	V\$TATA_01	5	2888	(+)	STATAAAWRNNNNNN	GTATTAAACTTTAA
M0021		0.83390				
6	V\$TATA_C	5	2896	(+)	NCTATAAAAR	ACTTTAAGAA
M0025		0.82948				
2	V\$TATA_01	5	2910	(+)	STATAAAWRNNNNNN	TTATTTAAAGGCTCT
M0025		0.77670				
2	V\$TATA_01	6	2912	(+)	STATAAAWRNNNNNN	ATTTAAAGGCTCTAA
M0025		0.79345				
2	V\$TATA_01	3	2947	(+)	STATAAAWRNNNNNN	TTATATTTATAGAGC
M0025		0.82872				
2	V\$TATA_01	4	2949	(+)	STATAAAWRNNNNNN	ATATTTATAGAGCAA
M0025		0.81806				
2	V\$TATA_01	6	2951	(+)	STATAAAWRNNNNNN	ATTTATAGAGCAAAA
M0025		0.77188				
2	V\$TATA_01	5	2980	(+)	STATAAAWRNNNNNN	CTATATTTTCATAAA
M0021		0.89965				
6	V\$TATA_C	7	2987	(+)	NCTATAAAAR	TTCATAAAAAG
M0025		0.81578				
2	V\$TATA_01	3	2988	(+)	STATAAAWRNNNNNN	TCATAAAAAGTAACTC
M0021		0.74465				
6	V\$TATA_C	3	3018	(+)	NCTATAAAAR	TCTATTACAA
M0021						
6	V\$TATA_C	0.76921	3021	(+)	NCTATAAAAR	ATTACAAAAAT
M0021						
6	V\$TATA_C	0.85239	3028	(+)	NCTATAAAAR	AATTTAAAAAG
M0025		0.80411				
2	V\$TATA_01	1	3029	(+)	STATAAAWRNNNNNN	ATTTAAAAAGATGTTC
M0021		0.75204				
6	V\$TATA_C	6	3076	(+)	NCTATAAAAR	ACTTTATCAT
M0025		0.77619				
2	V\$TATA_01	9	3084	(+)	STATAAAWRNNNNNN	ATGTATAAGAAAAATC
M0021		0.83205				
6	V\$TATA_C	7	3085	(+)	NCTATAAAAR	TGTATAAGAA
M0025		0.82999				
2	V\$TATA_01	2	3086	(+)	STATAAAWRNNNNNN	GTATAAGAAAATCTT
M0021		0.94560				
6	V\$TATA_C	3	3097	(+)	NCTATAAAAR	TCTTTAAAAAT
M0025		0.80487				
2	V\$TATA_01	2	3098	(+)	STATAAAWRNNNNNN	CTTTAAAAATTCTCAT
M0021						
6	V\$TATA_C	0.76921	3165	(+)	NCTATAAAAR	ATTATAATAT

M0021		0.86295				
6	V\$TATA_C	2	3175	(+)	NCTATAAAAR	GCTCTAAAAA
M0021		0.74016				
6	V\$TATA_C	4	3176	(+)	NCTATAAAAR	CTCTAAAAAA
M0021		0.84922				
6	V\$TATA_C	1	3177	(+)	NCTATAAAAR	TCTAAAAAAT
M0021		0.76630				
6	V\$TATA_C	6	3189	(+)	NCTATAAAAR	TTCACAAAAA
M0025		0.82567				
2	V\$TATA_01	9	3197	(+)	STATAAAWRNNNNNN	AAATAAATGCAAAAA
M0021		0.78901				
6	V\$TATA_C	5	3232	(+)	NCTATAAAAR	TGTTTTAAAT
M0021		0.87404				
6	V\$TATA_C	3	3286	(+)	NCTATAAAAR	TTCTTAAAG
M0021		0.81066				
6	V\$TATA_C	8	3324	(+)	NCTATAAAAR	AGTTTCAAAG
M0021		0.76815				
6	V\$TATA_C	4	3458	(+)	NCTATAAAAR	TTTTTTAAAA
M0021		0.90150				
6	V\$TATA_C	5	3459	(+)	NCTATAAAAR	TTTTTAAAG
M0025		0.77797				
2	V\$TATA_01	5	3460	(+)	STATAAAWRNNNNNN	TTTTAAAAGTTACAT
M0021		0.84341				
6	V\$TATA_C	2	3479	(+)	NCTATAAAAR	TGTATTAAAG
M0025		0.84014				
2	V\$TATA_01	2	3480	(+)	STATAAAWRNNNNNN	GTATTAAAGCTATCT
M0021		0.76419				
6	V\$TATA_C	3	3492	(+)	NCTATAAAAR	TCTGAAAAAG
M0021		0.85027				
6	V\$TATA_C	7	3669	(+)	NCTATAAAAR	ACTGTAAAAAT
M0021						
6	V\$TATA_C	0.76921	3715	(+)	NCTATAAAAR	ATTATTAAAT
M0021		0.78426				
6	V\$TATA_C	2	3751	(+)	NCTATAAAAR	CCTAAATAAT
M0021		0.83390				
6	V\$TATA_C	5	3787	(+)	NCTATAAAAR	ACTTTTAAAA
M0021		0.88962				
6	V\$TATA_C	2	3788	(+)	NCTATAAAAR	CTTTTAAAAA
M0021		0.76815				
6	V\$TATA_C	4	3789	(+)	NCTATAAAAR	TTTTAAAAAA
M0025		0.77645				
2	V\$TATA_01	3	3789	(+)	STATAAAWRNNNNNN	TTTTAAAAAATTTTG
M0021						
6	V\$TATA_C	0.77634	3790	(+)	NCTATAAAAR	TTTAAAAAAT
M0021		0.82360				
6	V\$TATA_C	7	3842	(+)	NCTATAAAAR	TCTTTGAAAT
M0021		0.77237				
6	V\$TATA_C	9	3876	(+)	NCTATAAAAR	ATTTTGAAAG
M0025						
2	V\$TATA_01	0.78102	4044	(+)	STATAAAWRNNNNNN	AAATAAATCAAAGGA
M0021		0.75574				
6	V\$TATA_C	3	4059	(+)	NCTATAAAAR	AGAATCAAAG
M0025		0.78025				
2	V\$TATA_01	9	4112	(+)	STATAAAWRNNNNNN	ATACAAATTGAAAAA
M0021		0.74412				
6	V\$TATA_C	5	4191	(+)	NCTATAAAAR	CCTATAATGA
M0025		0.79649				
2	V\$TATA_01	8	4192	(+)	STATAAAWRNNNNNN	CTATAATGAAAAAGA
M0021		0.74465				
6	V\$TATA_C	3	4206	(+)	NCTATAAAAR	AATATGAAAA
M0025		0.83303				
2	V\$TATA_01	7	4207	(+)	STATAAAWRNNNNNN	ATATGAAAACGAATA
M0021		0.76762				
6	V\$TATA_C	6	4224	(+)	NCTATAAAAR	TGTATATATA
M0025		0.93529				
2	V\$TATA_01	6	4225	(+)	STATAAAWRNNNNNN	GTATATATATGCATG

M0025		0.87465				
2	V\$TATA_01	1	4227	(+)	STATAAAWRNNNNNN	ATATATATGCATGAC
M0025		0.77721				
2	V\$TATA_01	4	4298	(+)	STATAAAWRNNNNNN	CAATTTAAAAAAAAGA
M0021		0.84103				
6	V\$TATA_C	5	4299	(+)	NCTATAAAAR	AATTTAAAAA
M0021		0.76102				
6	V\$TATA_C	5	4300	(+)	NCTATAAAAR	ATTTAAAAAA
M0025		0.84394				
2	V\$TATA_01	8	4300	(+)	STATAAAWRNNNNNN	ATTTAAAAAAAAGAAA
M0021		0.79376				
6	V\$TATA_C	8	4301	(+)	NCTATAAAAR	TTTAAAAAAA
M0025		0.77975				
2	V\$TATA_01	1	4302	(+)	STATAAAWRNNNNNN	TTAAAAAAAAGAAAAA
M0021		0.75574				
6	V\$TATA_C	3	4310	(+)	NCTATAAAAR	AGAAAAAAAG
M0021						
6	V\$TATA_C	0.76921	4326	(+)	NCTATAAAAR	ATTATTAAAT
M0021		0.74069				
6	V\$TATA_C	2	4335	(+)	NCTATAAAAR	TTCTTCAAAA
M0021		0.84103				
6	V\$TATA_C	5	4336	(+)	NCTATAAAAR	TCTTCAAAAA
M0021		0.76630				
6	V\$TATA_C	6	4338	(+)	NCTATAAAAR	TTCAAAAAAA
M0021						
6	V\$TATA_C	0.78611	4339	(+)	NCTATAAAAR	TCAAAAAAAA
M0021						
6	V\$TATA_C	0.78611	4399	(+)	NCTATAAAAR	AAAATAAAAA
M0025		0.79979				
2	V\$TATA_01	7	4400	(+)	STATAAAWRNNNNNN	AAATAAAAAATAGTTA
M0025		0.77239				
2	V\$TATA_01	3	4402	(+)	STATAAAWRNNNNNN	ATAAAAAATAGTTAAG
M0025		0.80182				
2	V\$TATA_01	7	4420	(+)	STATAAAWRNNNNNN	ATATTTATTACTAGC
M0025		0.85435				
2	V\$TATA_01	2	4475	(+)	STATAAAWRNNNNNN	CTATAAGTTGGCACA
M0021		0.79931				
6	V\$TATA_C	3	4505	(+)	NCTATAAAAR	AGTTTAATAA
M0021		0.74465				
6	V\$TATA_C	3	4517	(+)	NCTATAAAAR	TCTACAAAGA
M0021		0.76762				
6	V\$TATA_C	6	4550	(+)	NCTATAAAAR	CTTTTGAAAA
M0021		0.76815				
6	V\$TATA_C	4	4551	(+)	NCTATAAAAR	TTTTGAAAAA
M0021						
6	V\$TATA_C	0.78611	4574	(+)	NCTATAAAAR	TCAATGAAAA
M0021		0.79508				
6	V\$TATA_C	8	4583	(+)	NCTATAAAAR	ACTATTTAAA
M0025		0.85612				
2	V\$TATA_01	8	4584	(+)	STATAAAWRNNNNNN	CTATTTAAAAGGCCA
M0021		0.85951				
6	V\$TATA_C	9	4585	(+)	NCTATAAAAR	TATTTAAAAG
M0025		0.89241				
2	V\$TATA_01	3	4586	(+)	STATAAAWRNNNNNN	ATTTAAAAGGCCACT
M0021		0.80221				
6	V\$TATA_C	8	4624	(+)	NCTATAAAAR	TCTATATACA
M0025		0.77848				
2	V\$TATA_01	3	4625	(+)	STATAAAWRNNNNNN	CTATATACAATAAAA
M0021		0.88354				
6	V\$TATA_C	9	4631	(+)	NCTATAAAAR	ACAATAAAAT
M0021		0.76815				
6	V\$TATA_C	4	4644	(+)	NCTATAAAAR	TTTTTGAAAA
M0021		0.76815				
6	V\$TATA_C	4	4645	(+)	NCTATAAAAR	TTTTGAAAAA
M0021		0.75072				
6	V\$TATA_C	6	4712	(+)	NCTATAAAAR	TTTTTAAACT

M0021		0.87087				
6	V\$TATA_C	4	4719	(+)	NCTATAAAAR	ACTATAAATG
M0025		0.91702				
2	V\$TATA_01	6	4720	(+)	STATAAAWRNNNNNN	CTATAAATGTGTAAG
M0021		0.82492				
6	V\$TATA_C	7	4733	(+)	NCTATAAAAR	AGTATGAAAA
M0025		0.81045				
2	V\$TATA_01	4	4734	(+)	STATAAAWRNNNNNN	GTATGAAAACTATGA
M0021		0.74069				
6	V\$TATA_C	2	4780	(+)	NCTATAAAAR	TTCTTGAAAA
M0021		0.84103				
6	V\$TATA_C	5	4781	(+)	NCTATAAAAR	TCTTGAAAAA
M0021		0.75151				
6	V\$TATA_C	8	4784	(+)	NCTATAAAAR	TGAAAAAATA
M0021						
6	V\$TATA_C	0.79324	4838	(+)	NCTATAAAAR	TACATATAAG
M0025		0.80690				
2	V\$TATA_01	2	4839	(+)	STATAAAWRNNNNNN	ACATATAAGTTAATA
M0025		0.77442				
2	V\$TATA_01	3	4841	(+)	STATAAAWRNNNNNN	ATATAAGTTAATATT
M0025		0.78076				
2	V\$TATA_01	6	4854	(+)	STATAAAWRNNNNNN	TTATATTAAGATGTC
M0025		0.78431				
2	V\$TATA_01	9	4856	(+)	STATAAAWRNNNNNN	ATATTAAGATGTCTA
M0021		0.76947				
6	V\$TATA_C	5	4920	(+)	NCTATAAAAR	ACTTTTTAAA
M0021		0.75019				
6	V\$TATA_C	8	4921	(+)	NCTATAAAAR	CTTTTTAAAT
M0021		0.75072				
6	V\$TATA_C	6	4922	(+)	NCTATAAAAR	TTTTTAAATT
M0021		0.76102				
6	V\$TATA_C	5	4929	(+)	NCTATAAAAR	ATTTTAAACA
M0025						
2	V\$TATA_01	0.78102	4946	(+)	STATAAAWRNNNNNN	TAATAAATTTAGAGA
M0021		0.75072				
6	V\$TATA_C	6	5002	(+)	NCTATAAAAR	TTTTTCAAAT
M0021		0.75336				
6	V\$TATA_C	7	5025	(+)	NCTATAAAAR	ACATTCAAAA
M0025						
2	V\$TATA_01	0.7932	5048	(+)	STATAAAWRNNNNNN	TTTTATATCCAAGGA
M0025		0.77036				
2	V\$TATA_01	3	5061	(+)	STATAAAWRNNNNNN	GAATATGTGTGCAAT
M0021		0.86559				
6	V\$TATA_C	3	5095	(+)	NCTATAAAAR	ATTTTAAAT
M0025		0.80740				
2	V\$TATA_01	9	5103	(+)	STATAAAWRNNNNNN	ATATTTAAAATTATG
M0021		0.83073				
6	V\$TATA_C	7	5104	(+)	NCTATAAAAR	TATTTAAAT
M0025		0.78051				
2	V\$TATA_01	3	5105	(+)	STATAAAWRNNNNNN	ATTTAAAATTATGAC
M0021		0.85687				
6	V\$TATA_C	9	5131	(+)	NCTATAAAAR	AGTTTATAAA
M0025		0.82593				
2	V\$TATA_01	3	5132	(+)	STATAAAWRNNNNNN	GTTTATAAACTTTT
M0021		0.88935				
6	V\$TATA_C	8	5133	(+)	NCTATAAAAR	TTTATAAAAC
M0025		0.81882				
2	V\$TATA_01	8	5134	(+)	STATAAAWRNNNNNN	TTATAAACTTTTGG
M0021		0.81066				
6	V\$TATA_C	8	5150	(+)	NCTATAAAAR	AGTTTTAAAG
M0025		0.82339				
2	V\$TATA_01	5	5160	(+)	STATAAAWRNNNNNN	TTTTATATATACATG
M0025		0.86932				
2	V\$TATA_01	3	5162	(+)	STATAAAWRNNNNNN	TTATATATACATGCC
M0025						
2	V\$TATA_01	0.7932	5164	(+)	STATAAAWRNNNNNN	ATATATACATGCCTA

M0025		0.81146				
2	V\$TATA_01	9	5166	(+)	STATAAAWRNNNNNNN	ATATACATGCCTATG
M0021		0.74597				
6	V\$TATA_C	3	5175	(+)	NCTATAAAAR	CCTATGGAAA
M0021		0.98151				
6	V\$TATA_C	6	5240	(+)	NCTATAAAAR	ACTATAAAAA
M0025		0.95178				
2	V\$TATA_01	9	5241	(+)	STATAAAWRNNNNNNN	CTATAAAAAACAAATG
M0021		0.76102				
6	V\$TATA_C	5	5263	(+)	NCTATAAAAR	ATTTTTAAAA
M0021		0.89015				
6	V\$TATA_C	1	5264	(+)	NCTATAAAAR	TTTTTAAAAA
M0025						
2	V\$TATA_01	0.78305	5264	(+)	STATAAAWRNNNNNNN	TTTTTAAAAAGCATA
M0021		0.77950				
6	V\$TATA_C	9	5265	(+)	NCTATAAAAR	TTTTAAAAAG
M0025		0.82364				
2	V\$TATA_01	9	5265	(+)	STATAAAWRNNNNNNN	TTTTAAAAAGCATAA
M0021		0.88222				
6	V\$TATA_C	9	5279	(+)	NCTATAAAAR	ATTATAAAAC
M0025		0.78533				
2	V\$TATA_01	4	5280	(+)	STATAAAWRNNNNNNN	TTATAAAACATTTAT
M0025		0.85511				
2	V\$TATA_01	3	5289	(+)	STATAAAWRNNNNNNN	ATTTATATATCGATG
M0025		0.83024				
2	V\$TATA_01	6	5291	(+)	STATAAAWRNNNNNNN	TTATATATCGATGTT
M0021		0.83971				
6	V\$TATA_C	5	5328	(+)	NCTATAAAAR	CCTAGAAAAAC
M0021		0.83390				
6	V\$TATA_C	5	5336	(+)	NCTATAAAAR	ACTTCAAAAA
M0021		0.74491				
6	V\$TATA_C	7	5348	(+)	NCTATAAAAR	ATCTTAATAG
M0021		0.76815				
6	V\$TATA_C	4	5391	(+)	NCTATAAAAR	TTTTTAACAA
M0021		0.78795				
6	V\$TATA_C	9	5408	(+)	NCTATAAAAR	TCAATACAAA
M0021		0.82043				
6	V\$TATA_C	8	5419	(+)	NCTATAAAAR	TGAATATAAG
M0025		0.78431				
2	V\$TATA_01	9	5420	(+)	STATAAAWRNNNNNNN	GAATATAAGTTATTC
M0025		0.77594				
2	V\$TATA_01	5	5442	(+)	STATAAAWRNNNNNNN	TCATTTAAGCAAATA
M0025		0.78888				
2	V\$TATA_01	6	5463	(+)	STATAAAWRNNNNNNN	GTATTTGTTGGCACA
M0021		0.76102				
6	V\$TATA_C	5	5531	(+)	NCTATAAAAR	ATTTTTAAAA
M0021		0.90150				
6	V\$TATA_C	5	5532	(+)	NCTATAAAAR	TTTTTAAAAAG
M0025		0.79599				
2	V\$TATA_01	1	5532	(+)	STATAAAWRNNNNNNN	TTTTTAAAAGACAAC
M0025		0.84090				
2	V\$TATA_01	3	5533	(+)	STATAAAWRNNNNNNN	TTTTTAAAAGACAAC
M0021						
6	V\$TATA_C	0.86929	5642	(+)	NCTATAAAAR	GCTTTATAAT
M0021						
6	V\$TATA_C	0.77634	5644	(+)	NCTATAAAAR	TTTATAATAT
M0021		0.74544				
6	V\$TATA_C	5	5652	(+)	NCTATAAAAR	ATTTTACAAT
M0021						
6	V\$TATA_C	0.78611	5665	(+)	NCTATAAAAR	AAAATAAAAA
M0025						
2	V\$TATA_01	0.85359	5666	(+)	STATAAAWRNNNNNNN	AAATAAAAAACAAAGA
M0021		0.82360				
6	V\$TATA_C	7	5693	(+)	NCTATAAAAR	TCTTTAATAT
M0021		0.77079				
6	V\$TATA_C	5	5696	(+)	NCTATAAAAR	TTAATATAAA

M0025		0.77721				
2	V\$TATA_01	4	5697	(+)	STATAAAWRNNNNNN	TAATATAAAAGGTAT
M0021		0.87800				
6	V\$TATA_C	4	5698	(+)	NCTATAAAAR	AATATAAAAG
M0025		0.87490				
2	V\$TATA_01	5	5699	(+)	STATAAAWRNNNNNN	ATATAAAAGGTATCT
M0021		0.93662				
6	V\$TATA_C	5	5711	(+)	NCTATAAAAR	TCTTTAAAC
M0025						
2	V\$TATA_01	0.85562	5712	(+)	STATAAAWRNNNNNN	CTTTAAACCACAAA
M0021		0.83205				
6	V\$TATA_C	7	5719	(+)	NCTATAAAAR	ACCACAAAAA
M0021		0.77898				
6	V\$TATA_C	1	5722	(+)	NCTATAAAAR	ACAAAAAAA
M0021		0.78505				
6	V\$TATA_C	4	5896	(+)	NCTATAAAAR	ATATTAAAT
M0025		0.84217				
2	V\$TATA_01	2	5896	(+)	STATAAAWRNNNNNN	ATATTAAATGCCTT
M0021		0.84024				
6	V\$TATA_C	3	5912	(+)	NCTATAAAAR	TGTCTAAAA
M0025		0.80284				
2	V\$TATA_01	2	5913	(+)	STATAAAWRNNNNNN	GTCTAAAACTAAGT
M0021		0.76049				
6	V\$TATA_C	6	5925	(+)	NCTATAAAAR	AGTATTTAA
M0025		0.87541				
2	V\$TATA_01	2	5926	(+)	STATAAAWRNNNNNN	GTATTTAAACCCCAT
M0021		0.94322				
6	V\$TATA_C	7	5936	(+)	NCTATAAAAR	CCCATAAAA
M0025		0.80233				
2	V\$TATA_01	4	5937	(+)	STATAAAWRNNNNNN	CCATAAAATAATCTA
M0021		0.85159				
6	V\$TATA_C	8	5958	(+)	NCTATAAAAR	TGTGTAAAA
M0025		0.80030				
2	V\$TATA_01	4	5959	(+)	STATAAAWRNNNNNN	GTGTAAAAGTCATCA
M0021		0.80142				
6	V\$TATA_C	6	6009	(+)	NCTATAAAAR	CTTCTAAAA
M0025		0.78355				
2	V\$TATA_01	7	6066	(+)	STATAAAWRNNNNNN	GTATTTAGCAATAAG
M0021		0.78558				
6	V\$TATA_C	2	6073	(+)	NCTATAAAAR	GCAATAAGAG
M0025		0.77594				
2	V\$TATA_01	5	6074	(+)	STATAAAWRNNNNNN	CAATAAGAGAAA
M0021		0.74570				
6	V\$TATA_C	9	6104	(+)	NCTATAAAAR	ACTGGAAAA
M0021		0.77290				
6	V\$TATA_C	7	6131	(+)	NCTATAAAAR	AGTTTAATAC
M0021		0.78082				
6	V\$TATA_C	9	6152	(+)	NCTATAAAAR	ACTTTTAA
M0025		0.78888				
2	V\$TATA_01	6	6153	(+)	STATAAAWRNNNNNN	CTTTTTAAGACTGG
M0021		0.74174				
6	V\$TATA_C	8	6154	(+)	NCTATAAAAR	TTTTTAAGAC
M0025						
2	V\$TATA_01	0.77696	6248	(+)	STATAAAWRNNNNNN	ATACATAAATATGTC
M0025						
2	V\$TATA_01	0.82035	6250	(+)	STATAAAWRNNNNNN	ACATAAATATGTCTT
M0021		0.79271				
6	V\$TATA_C	2	6274	(+)	NCTATAAAAR	GAAATAAAAG
M0025		0.81476				
2	V\$TATA_01	8	6275	(+)	STATAAAWRNNNNNN	AAATAAAAGTGTAAT
M0025		0.84927				
2	V\$TATA_01	7	6323	(+)	STATAAAWRNNNNNN	CTATTTATATGGAAA
M0025		0.85206				
2	V\$TATA_01	8	6325	(+)	STATAAAWRNNNNNN	ATTTATATGGAAAGA
M0025		0.78381				
2	V\$TATA_01	1	6327	(+)	STATAAAWRNNNNNN	TTATATGGAAAGACC

M0021		0.80829				
6	V\$TATA_C	2	6352	(+)	NCTATAAAAR	TTTTTATAAT
M0025		0.79979				
2	V\$TATA_01	7	6353	(+)	STATAAAWRNNNNNN	TTTTATAATTGCACA
M0025		0.80969				
2	V\$TATA_01	3	6355	(+)	STATAAAWRNNNNNN	TTATAATTGCACATA
M0021		0.77053				
6	V\$TATA_C	1	6371	(+)	NCTATAAAAR	TCAATAGAAT
M0021		0.79271				
6	V\$TATA_C	2	6386	(+)	NCTATAAAAR	CAAATAAAAA
M0025		0.82364				
2	V\$TATA_01	9	6387	(+)	STATAAAWRNNNNNN	AAATAAAAAATAGAAA
M0025		0.78736				
2	V\$TATA_01	4	6389	(+)	STATAAAWRNNNNNN	ATAAAAAATAGAAAAT
M0025		0.77112				
2	V\$TATA_01	4	6414	(+)	STATAAAWRNNNNNN	ATATTTAACAGATAA
M0021		0.74227				
6	V\$TATA_C	6	6422	(+)	NCTATAAAAR	CAGATAAAAT
M0025		0.78381				
2	V\$TATA_01	1	6423	(+)	STATAAAWRNNNNNN	AGATAAAATTAAGCT
M0021		0.77185				
6	V\$TATA_C	1	6434	(+)	NCTATAAAAR	AGCTGAAAAA
M0021		0.74095				
6	V\$TATA_C	6	6435	(+)	NCTATAAAAR	GCTGAAAAAA
M0025		0.81984				
2	V\$TATA_01	3	6498	(+)	STATAAAWRNNNNNN	ATATAATTAGGTTGG
M0021		0.75574				
6	V\$TATA_C	3	6543	(+)	NCTATAAAAR	GGTAAATAAA
M0021		0.77581				
6	V\$TATA_C	2	6545	(+)	NCTATAAAAR	TAAATAAAAT
M0025		0.77416				
2	V\$TATA_01	9	6584	(+)	STATAAAWRNNNNNN	ATACATATATATATA
M0025		0.81705				
2	V\$TATA_01	2	6586	(+)	STATAAAWRNNNNNN	ACATATATATATACA
M0025		0.88226				
2	V\$TATA_01	3	6588	(+)	STATAAAWRNNNNNN	ATATATATATACATA
M0025						
2	V\$TATA_01	0.88607	6590	(+)	STATAAAWRNNNNNN	ATATATATACATATA
M0025		0.77213				
2	V\$TATA_01	9	6592	(+)	STATAAAWRNNNNNN	ATATATACATATAAA
M0025		0.79066				
2	V\$TATA_01	2	6596	(+)	STATAAAWRNNNNNN	ATACATATAAATATG
M0021		0.78188				
6	V\$TATA_C	5	6597	(+)	NCTATAAAAR	TACATATAAA
M0025		0.80258				
2	V\$TATA_01	8	6598	(+)	STATAAAWRNNNNNN	ACATATAAATATGAA
M0021		0.75125				
6	V\$TATA_C	4	6599	(+)	NCTATAAAAR	CATATAAATA
M0025		0.89089				
2	V\$TATA_01	1	6600	(+)	STATAAAWRNNNNNN	ATATAAATATGAAAA
M0021		0.74465				
6	V\$TATA_C	3	6605	(+)	NCTATAAAAR	AATATGAAAA
M0025		0.80614				
2	V\$TATA_01	1	6606	(+)	STATAAAWRNNNNNN	ATATGAAAAAATATG
M0025		0.77569				
2	V\$TATA_01	1	6726	(+)	STATAAAWRNNNNNN	CTTTTTATATGTGCC
M0025						
2	V\$TATA_01	0.79929	6728	(+)	STATAAAWRNNNNNN	TTTTATATGTGCCAA
M0025		0.84394				
2	V\$TATA_01	8	6730	(+)	STATAAAWRNNNNNN	TTATATGTGCCAAGC
M0005		0.84993				
9	V\$YY1_01	4	18	(-)	NNNNNCCATNTWNNNWN	CTTTATAAATGACAAC
M0005		0.81159				
9	V\$YY1_01	9	112	(+)	NNNNNCCATNTWNNNWN	CATCTTCCTATTGGGTG
M0005		0.81913				
9	V\$YY1_01	5	167	(+)	NNNNNCCATNTWNNNWN	TAACACCCCTTAATTAG

M0005		0.84207				
9	V\$YY1_01	1	182	(+)	NNNNNCCATNTWNNNWN	AGTCTCCAGTTATTAC
M0005		0.77555				
9	V\$YY1_01	7	284	(+)	NNNNNCCATNTWNNNWN	AATGTCCAGAGAGAATG
M0005		0.77457				
9	V\$YY1_01	4	355	(-)	NNNNNCCATNTWNNNWN	GCTTGAATATGCCTTGG
M0005		0.87090				
9	V\$YY1_01	4	369	(+)	NNNNNCCATNTWNNNWN	TGGCATCATTTTGACAT
M0005		0.77031				
9	V\$YY1_01	5	540	(+)	NNNNNCCATNTWNNNWN	TACAGACATATGTGGAG
M0005						
9	V\$YY1_01	0.77654	684	(+)	NNNNNCCATNTWNNNWN	GAGTTACATATCCTCAC
M0005		0.82077				
9	V\$YY1_01	3	767	(-)	NNNNNCCATNTWNNNWN	AGTAAATTATGGTCTTA
M0005		0.78342				
9	V\$YY1_01	1	820	(+)	NNNNNCCATNTWNNNWN	TACTGTCATTTTACAGA
M0005		0.77981				
9	V\$YY1_01	7	855	(-)	NNNNNCCATNTWNNNWN	GTGTAAAATCTGTATATG
M0005		0.77948				
9	V\$YY1_01	9	932	(-)	NNNNNCCATNTWNNNWN	AAAAAGAAATGATAATT
M0005		0.77719				
9	V\$YY1_01	5	975	(-)	NNNNNCCATNTWNNNWN	TCACTACAATGGCAATC
M0005		0.84927				
9	V\$YY1_01	9	1072	(-)	NNNNNCCATNTWNNNWN	GTAAAAAAATGAAAAAA
M0005						
9	V\$YY1_01	0.82536	1117	(+)	NNNNNCCATNTWNNNWN	GAACTCCATTCTTTTCA
M0005		0.78309				
9	V\$YY1_01	3	1204	(+)	NNNNNCCATNTWNNNWN	TGAAATCAGTTTAGTAG
M0005		0.80897				
9	V\$YY1_01	8	1253	(-)	NNNNNCCATNTWNNNWN	AAAAGCAAATGGAGTCT
M0005		0.77490				
9	V\$YY1_01	2	1260	(-)	NNNNNCCATNTWNNNWN	AATGGAGTCTGGTGTGT
M0005		0.77588				
9	V\$YY1_01	5	1283	(-)	NNNNNCCATNTWNNNWN	TACCAAGCCTGGACTTT
M0005		0.78112				
9	V\$YY1_01	7	1321	(+)	NNNNNCCATNTWNNNWN	AAAACTCAGTTTGCAAG
M0005		0.78178				
9	V\$YY1_01	2	1460	(+)	NNNNNCCATNTWNNNWN	AAAGACTATTTTTAAAA
M0005		0.83977				
9	V\$YY1_01	7	1602	(+)	NNNNNCCATNTWNNNWN	TTCATCATTCATGATG
M0005		0.77752				
9	V\$YY1_01	3	1605	(-)	NNNNNCCATNTWNNNWN	CATCATTCATGATGACT
M0006						
9	V\$YY1_02	0.78115	1606	(-)	NNNCGGCCATCTTGNCTSNW	ATCATTCATGATGACTGGAG
M0006		0.77490				
9	V\$YY1_02	2	1664	(+)	NNNCGGCCATCTTGNCTSNW	TCTCCTCCATCTTACATGTT
M0005		0.82077				
9	V\$YY1_01	3	1665	(+)	NNNNNCCATNTWNNNWN	CTCCTCCATCTTACATG
M0005		0.78964				
9	V\$YY1_01	6	1671	(-)	NNNNNCCATNTWNNNWN	CATCTTACATGTTCTCTG
M0005		0.84305				
9	V\$YY1_01	4	1691	(-)	NNNNNCCATNTWNNNWN	GACCAATCATGGAATTA
M0005		0.79783				
9	V\$YY1_01	7	1732	(+)	NNNNNCCATNTWNNNWN	AACTTTCATTTATAGGT
M0005		0.79652				
9	V\$YY1_01	7	1809	(-)	NNNNNCCATNTWNNNWN	AGCCTGAGATGGAAGTC
M0005		0.80635				
9	V\$YY1_01	6	1979	(+)	NNNNNCCATNTWNNNWN	TTTCTCCATTTAAATGC
M0005		0.77260				
9	V\$YY1_01	8	2096	(-)	NNNNNCCATNTWNNNWN	TTTCTTAACTGAAAACT
M0006		0.75455				
9	V\$YY1_02	2	2254	(+)	NNNCGGCCATCTTGNCTSNW	ACAGTGCCTTGTTCTTTATA
M0005						
9	V\$YY1_01	0.81848	2312	(-)	NNNNNCCATNTWNNNWN	ACCTATAAATGTACATA
M0005		0.78604				
9	V\$YY1_01	2	2319	(+)	NNNNNCCATNTWNNNWN	AATGTACATATATATTT

M0006		0.75830				
9	V\$YY1_02	1	2337	(+)	NNNCGGCCATCTGNCTSNW	TAGGCACCATTATGTGCCTA
M0005		0.80111				
9	V\$YY1_01	4	2338	(+)	NNNNNCCATNTWNNNWN	AGGCACCATTATGTGCC
M0005		0.78604				
9	V\$YY1_01	2	2359	(-)	NNNNNCCATNTWNNNWN	CATTATATATGTGTATG
M0005						
9	V\$YY1_01	0.77097	2371	(-)	NNNNNCCATNTWNNNWN	GTATGTATATGTGTATA
M0005		0.77129				
9	V\$YY1_01	8	2492	(-)	NNNNNCCATNTWNNNWN	TTGTGTCTATGACTTTC
M0005		0.84862				
9	V\$YY1_01	4	2541	(-)	NNNNNCCATNTWNNNWN	CATGTAAATGAATATA
M0005		0.80570				
9	V\$YY1_01	1	2549	(-)	NNNNNCCATNTWNNNWN	ATGAATATATGATTAAC
M0005		0.82437				
9	V\$YY1_01	7	2800	(-)	NNNNNCCATNTWNNNWN	GTGCAATCATGAAGAGC
M0005		0.79292				
9	V\$YY1_01	3	2868	(+)	NNNNNCCATNTWNNNWN	TAATTGCATCTAATGAA
M0005		0.77162				
9	V\$YY1_01	5	2935	(-)	NNNNNCCATNTWNNNWN	ATTCTAAATAGTTATA
M0005		0.79554				
9	V\$YY1_01	4	2996	(+)	NNNNNCCATNTWNNNWN	GTAACTCATTTTACAT
M0005		0.82568				
9	V\$YY1_01	8	3030	(-)	NNNNNCCATNTWNNNWN	TTTAAAAGATGTTCTGG
M0005		0.85845				
9	V\$YY1_01	3	3045	(+)	NNNNNCCATNTWNNNWN	GGACATCAGTTTCAAG
M0005		0.78735				
9	V\$YY1_01	3	3165	(-)	NNNNNCCATNTWNNNWN	ATTATAATATGCTCTAA
M0005		0.81159				
9	V\$YY1_01	9	3317	(+)	NNNNNCCATNTWNNNWN	TTTTACCAGTTTCAAAG
M0005		0.82863				
9	V\$YY1_01	7	3426	(+)	NNNNNCCATNTWNNNWN	ACTGTCCATAATCAAAT
M0005		0.84207				
9	V\$YY1_01	1	3549	(+)	NNNNNCCATNTWNNNWN	CATTGTCATTTTGGCTA
M0005		0.77850				
9	V\$YY1_01	6	3803	(-)	NNNNNCCATNTWNNNWN	GAACGACTATGACATTC
M0005		0.82798				
9	V\$YY1_01	2	3869	(+)	NNNNNCCATNTWNNNWN	CCTGCACATTTTGAAAG
M0005		0.80111				
9	V\$YY1_01	4	4201	(-)	NNNNNCCATNTWNNNWN	AAAAGAATATGAAAACG
M0005		0.77162				
9	V\$YY1_01	5	4216	(+)	NNNNNCCATNTWNNNWN	CGAATACATGTATATAT
M0005		0.78079				
9	V\$YY1_01	9	4269	(+)	NNNNNCCATNTWNNNWN	TGACACAATATTGTAAA
M0005		0.77391				
9	V\$YY1_01	9	4278	(-)	NNNNNCCATNTWNNNWN	ATTGTAAACTGACTGTA
M0005		0.81356				
9	V\$YY1_01	5	4359	(+)	NNNNNCCATNTWNNNWN	TGATAGCATCTTTTATG
M0005		0.78309				
9	V\$YY1_01	3	4374	(-)	NNNNNCCATNTWNNNWN	TGTGCTAAATGTATTCC
M0005		0.81094				
9	V\$YY1_01	4	4436	(-)	NNNNNCCATNTWNNNWN	ATTATGAGATGAACTGC
M0005		0.79226				
9	V\$YY1_01	7	4601	(+)	NNNNNCCATNTWNNNWN	GATATCCAGATGTTATG
M0005		0.77522				
9	V\$YY1_01	9	4653	(-)	NNNNNCCATNTWNNNWN	AAAGCTTTATGGTTAGC
M0005		0.78243				
9	V\$YY1_01	8	4677	(+)	NNNNNCCATNTWNNNWN	AACAAACATTTCAGGAC
M0005						
9	V\$YY1_01	0.79751	4693	(+)	NNNNNCCATNTWNNNWN	CATAATCATTGATCATT
M0005		0.77031				
9	V\$YY1_01	5	4700	(+)	NNNNNCCATNTWNNNWN	ATTGATCATTTATTTTT
M0005		0.79914				
9	V\$YY1_01	8	4728	(-)	NNNNNCCATNTWNNNWN	GTGTAAGTATGAAAAC
M0005		0.81192				
9	V\$YY1_01	7	4769	(+)	NNNNNCCATNTWNNNWN	AGAGATCATGTTTCTTG

M0005		0.83977				
9	V\$YY1_01	7	4805	(-)	NNNNNCCATNTWNNNWN	ATACGAAAATGAATGTA
M0005		0.79423				
9	V\$YY1_01	3	4908	(+)	NNNNNCCATNTWNNNWN	AATATTCATATTACTTT
M0005		0.87024				
9	V\$YY1_01	9	5088	(+)	NNNNNCCATNTWNNNWN	AACTGCCATTTTAAAAT
M0005		0.83813				
9	V\$YY1_01	9	5311	(+)	NNNNNCCATNTWNNNWN	AGGAGCCATTTTTTTAA
M0005		0.77948				
9	V\$YY1_01	9	5337	(-)	NNNNNCCATNTWNNNWN	CTTCAAAAATCATCTTA
M0005		0.80439				
9	V\$YY1_01	1	5341	(+)	NNNNNCCATNTWNNNWN	AAAAATCATCTTAATAG
M0005		0.77883				
9	V\$YY1_01	4	5371	(-)	NNNNNCCATNTWNNNWN	TATTCTCAATGTTCTTC
M0005		0.80504				
9	V\$YY1_01	6	5410	(-)	NNNNNCCATNTWNNNWN	AATACAAACTGAATATA
M0005		0.77719				
9	V\$YY1_01	5	5437	(+)	NNNNNCCATNTWNNNWN	ATTTTTCATTTAAGCAA
M0005		0.77817				
9	V\$YY1_01	8	5677	(-)	NNNNNCCATNTWNNNWN	AAGAAAACATGTTTTGT
M0005		0.80373				
9	V\$YY1_01	5	5678	(+)	NNNNNCCATNTWNNNWN	AGAAAACATGTTTGTGTC
M0005		0.85779				
9	V\$YY1_01	8	5840	(-)	NNNNNCCATNTWNNNWN	GTAGAGACATGGACTCC
M0005		0.77883				
9	V\$YY1_01	4	5896	(-)	NNNNNCCATNTWNNNWN	ATATTA AAAATGCCTTTT
M0005		0.79423				
9	V\$YY1_01	3	5932	(+)	NNNNNCCATNTWNNNWN	AAACCCCATAAAATAAT
M0005		0.81094				
9	V\$YY1_01	4	5966	(+)	NNNNNCCATNTWNNNWN	AGTCATCAGTTAGCAAT
M0005		0.77457				
9	V\$YY1_01	4	6022	(+)	NNNNNCCATNTWNNNWN	TGGTATCATCTTATAGG
M0005		0.81618				
9	V\$YY1_01	6	6107	(-)	NNNNNCCATNTWNNNWN	GGAAAAAATGAAAACA
M0005		0.84370				
9	V\$YY1_01	9	6171	(+)	NNNNNCCATNTWNNNWN	AAGATCCATCTCTGAAT
M0005		0.78505				
9	V\$YY1_01	9	6236	(-)	NNNNNCCATNTWNNNWN	CTGTTTGAATGAATACA
M0005		0.85845				
9	V\$YY1_01	3	6323	(-)	NNNNNCCATNTWNNNWN	CTATTTATATGGAAAGA
M0005		0.80537				
9	V\$YY1_01	4	6342	(+)	NNNNNCCATNTWNNNWN	TAATGACATATTTTTAT
M0005		0.78702				
9	V\$YY1_01	5	6371	(-)	NNNNNCCATNTWNNNWN	TCAATAGAATGGAGTCA
M0005		0.78800				
9	V\$YY1_01	8	6565	(-)	NNNNNCCATNTWNNNWN	TTACAAACATGTGGTGA
M0005		0.77850				
9	V\$YY1_01	6	6581	(+)	NNNNNCCATNTWNNNWN	AGAATACATATATATAT
M0005		0.78342				
9	V\$YY1_01	1	6593	(+)	NNNNNCCATNTWNNNWN	TATATACATATAAATAT
M0005		0.79161				
9	V\$YY1_01	2	6600	(-)	NNNNNCCATNTWNNNWN	ATATAAATATGAAAAAA
M0005		0.80602				
9	V\$YY1_01	9	6610	(-)	NNNNNCCATNTWNNNWN	GAAAAAATATGTACGTA
M0005		0.77424				
9	V\$YY1_01	6	6707	(+)	NNNNNCCATNTWNNNWN	ATGCAACATTTACTGAG
M0016		0.83437				
2	V\$OCT1_06	5	23	(-)	CWNAWTKWSATRYN	TAAATGACAACTCT
M0016		0.80820				
2	V\$OCT1_06	3	95	(+)	CWNAWTKWSATRYN	AAATCTTTCCTTTT
M0016		0.87343				
2	V\$OCT1_06	7	104	(+)	CWNAWTKWSATRYN	CTTTTTGTCATCTT
M0013		0.85262				
7	V\$OCT1_03	7	125	(+)	NNNRTAATNANNN	GGTGTAATGTAGG
M0019		0.80349				
5	V\$OCT1_Q6	3	138	(+)	NNNNATGCAAATNAN	AGGAAGATAAATCAC

M0016		0.88906				
2	V\$OCT1_06	2	144	(+)	CWNAWTKWSATRYN	ATAAATCACATGCT
M0016		0.92460				
2	V\$OCT1_06	9	145	(-)	CWNAWTKWSATRYN	TAAATCACATGCTG
M0019		0.80540				
5	V\$OCT1_Q6	4	152	(+)	NNNNATGCAAATNAN	CATGCTGCAAAGCAC
M0016		0.80117				
2	V\$OCT1_06	2	170	(+)	CWNAWTKWSATRYN	CACCCTTTAATTAG
M0013		0.84235				
7	V\$OCT1_03	5	205	(-)	NNNRATAATNANNN	TCTTCTTTACAGT
M0016		0.83437				
2	V\$OCT1_06	5	206	(+)	CWNAWTKWSATRYN	CTTCTTTACAGTTG
M0016		0.81601				
2	V\$OCT1_06	6	248	(+)	CWNAWTKWSATRYN	AGACCTGACAGGCA
M0013		0.89924				
7	V\$OCT1_03	9	268	(+)	NNNRATAATNANNN	AAGGTAATCAAAT
M0013		0.79799			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	271	(+)	WNNW	GTAATCAAATTGAAATGTCCAGA
M0016		0.95859				
2	V\$OCT1_06	4	276	(+)	CWNAWTKWSATRYN	CAAATTGAAATGTC
M0016		0.82187				
2	V\$OCT1_06	5	276	(-)	CWNAWTKWSATRYN	CAAATTGAAATGTC
M0016		0.80820				
2	V\$OCT1_06	3	277	(-)	CWNAWTKWSATRYN	AAATTGAAATGTCC
M0013		0.86171				
7	V\$OCT1_03	5	315	(+)	NNNRATAATNANNN	GAGTTAATCATAA
M0013		0.85894				
7	V\$OCT1_03	9	321	(+)	NNNRATAATNANNN	ATCATAATTTCTT
M0016						
2	V\$OCT1_06	0.825	323	(+)	CWNAWTKWSATRYN	CATAATTTCTTCCT
M0013		0.92149				
6	V\$OCT1_02	4	354	(-)	NNGAATATKCANNNN	AGCTTGAATATGCCT
M0013		0.81723			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	354	(-)	WNNW	AGCTTGAATATGCCTTGGCATCA
M0013		0.86193				
6	V\$OCT1_02	8	357	(+)	NNGAATATKCANNNN	TTGAATATGCCTTGG
M0013		0.78502			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	360	(-)	WNNW	AATATGCCTTGGCATCATTTGA
M0016		0.83164				
2	V\$OCT1_06	1	373	(+)	CWNAWTKWSATRYN	ATCATTTTGACATT
M0016		0.85546				
2	V\$OCT1_06	9	375	(+)	CWNAWTKWSATRYN	CATTTTGACATTAG
M0016		0.89843				
2	V\$OCT1_06	7	399	(+)	CWNAWTKWSATRYN	AAACCTTAGATTCT
M0013		0.79464			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	402	(-)	WNNW	CCTTAGATTCTGTATAATGTTAT
M0013		0.88779				
7	V\$OCT1_03	1	412	(+)	NNNRATAATNANNN	TGTATAATGTTAT
M0013		0.79966			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	415	(+)	WNNW	ATAATGTTATGATTAAATTATT
M0013		0.84077				
7	V\$OCT1_03	4	421	(-)	NNNRATAATNANNN	TTATGATTAAATT
M0016		0.82656				
2	V\$OCT1_06	2	446	(+)	CWNAWTKWSATRYN	CACTTTGGGTATT
M0013		0.82559			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	487	(+)	WNNW	TGAAGACAATGTAAATTGTAAAG
M0013		0.75314				
5	V\$OCT1_01	8	489	(+)	NNNNWTATGCAAATNTNNN	AAGACAATGTAAATTGTAA
M0016		0.80859				
2	V\$OCT1_06	4	491	(+)	CWNAWTKWSATRYN	GACAATGTAAATTG
M0019		0.86271				
5	V\$OCT1_Q6	8	491	(+)	NNNNATGCAAATNAN	GACAATGTAAATTGT
M0024		0.89590				
8	V\$OCT1_07	8	492	(+)	TNTATGNTAATT	ACAATGTAAATT
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.79611	493	(+)	WNNW	CAATGTAAATTGTAAAGAAAAGT

M0013						
7	V\$OCT1_03	0.86211	501	(+)	NNNRTAATNANNN	ATTGTAAAGAAAA
M0016		0.84726				
2	V\$OCT1_06	6	561	(-)	CWNAWTKWSATRYN	AACTTCTCAGAAAG
M0013		0.87198				
7	V\$OCT1_03	7	583	(+)	NNNRTAATNANNN	GTCATAATAATCC
M0016		0.80078				
2	V\$OCT1_06	1	588	(-)	CWNAWTKWSATRYN	AATAATCCAGACTG
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.79381	606	(+)	WNNW	CTTAAC TAATTTAAAATTTTAT
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.82476	608	(-)	WNNW	TAAC TAATTTAAAATTTTATTT
M0016		0.85273				
2	V\$OCT1_06	4	611	(+)	CWNAWTKWSATRYN	CTAATTTAAAATTT
M0016		0.80859				
2	V\$OCT1_06	4	611	(-)	CWNAWTKWSATRYN	CTAATTTAAAATTT
M0019		0.79967				
5	V\$OCT1_Q6	2	611	(-)	NNNNATGCAAATNAN	CTAATTTAAAATTTT
M0016		0.82656				
2	V\$OCT1_06	2	612	(-)	CWNAWTKWSATRYN	TAATTTAAAATTTT
M0013		0.81681			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	614	(-)	WNNW	ATTTAAAATTTTATTTCTATCT
M0016		0.84765				
2	V\$OCT1_06	6	618	(+)	CWNAWTKWSATRYN	AAAATTTTATTTCT
M0013		0.84525			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	619	(+)	WNNW	AAATTTTATTTCTATCTAAAGA
M0016		0.80039				
2	V\$OCT1_06	1	619	(+)	CWNAWTKWSATRYN	AAATTTTATTTCT
M0013		0.78230			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	625	(+)	WNNW	TTATTTCTATCTAAAGATTATAA
M0016		0.84726				
2	V\$OCT1_06	6	630	(-)	CWNAWTKWSATRYN	TCTATCTAAAGATT
M0013		0.84867				
7	V\$OCT1_03	6	636	(-)	NNNRTAATNANNN	TAAAGATTATAAT
M0016		0.82695				
2	V\$OCT1_06	3	638	(+)	CWNAWTKWSATRYN	AAGATTATAATTTT
M0013		0.85776				
7	V\$OCT1_03	4	641	(+)	NNNRTAATNANNN	ATTATAATTTTAT
M0016		0.81210				
2	V\$OCT1_06	9	643	(+)	CWNAWTKWSATRYN	TATAATTTTATACG
M0013		0.78377			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	663	(+)	WNNW	TATAACTTTTTTAAAAATTATGA
M0013		0.78168			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	663	(-)	WNNW	TATAACTTTTTTAAAAATTATGA
M0016		0.83945				
2	V\$OCT1_06	3	668	(+)	CWNAWTKWSATRYN	CTTTTTTAAAAATT
M0013		0.87791				
7	V\$OCT1_03	4	674	(-)	NNNRTAATNANNN	TAAAAATTATGAG
M0013		0.79485			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	678	(-)	WNNW	AATTATGAGTTACATATCCTCAC
M0016		0.84179				
2	V\$OCT1_06	7	678	(+)	CWNAWTKWSATRYN	AATTATGAGTTACA
M0016		0.85546				
2	V\$OCT1_06	9	682	(+)	CWNAWTKWSATRYN	ATGAGTTACATATC
M0019		0.81604				
5	V\$OCT1_Q6	8	682	(-)	NNNNATGCAAATNAN	ATGAGTTACATATCC
M0013		0.79723				
6	V\$OCT1_02	9	684	(-)	NNGAATATKCANNNN	GAGTTACATATCCTC
M0013		0.81618				
6	V\$OCT1_02	8	703	(-)	NNGAATATKCANNNN	AAGCTGAATAGTTCT
M0013		0.83709			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	751	(-)	WNNW	TGGTTTAAGTAACATAAGTAAAT
M0013		0.74742				
5	V\$OCT1_01	5	753	(-)	NNNNWTATGCAAATNTNNN	GTTTAAGTAACATAAGTAA
M0024		0.84566				
8	V\$OCT1_07	5	757	(-)	TNTATGN TAATT	AAGTAACATAAG

M0013		0.77317				
5	V\$OCT1_01	8	760	(+)	NNNNWTATGCAAATNTNNN	TAACATAAGTAAATTATGG
M0019		0.82014				
5	V\$OCT1_Q6	2	762	(+)	NNNNATGCAAATNAN	ACATAAGTAAATTAT
M0016		0.84726				
2	V\$OCT1_06	6	763	(-)	CWNAWTKWSATRYN	CATAAGTAAATTAT
M0024		0.82170				
8	V\$OCT1_07	9	763	(+)	TNTATGNTAATT	CATAAGTAAATT
M0013		0.78147			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	788	(+)	WNNW	TCTGATTTCTGTTTATGCTAAAA
M0013		0.88739				
7	V\$OCT1_03	6	794	(-)	NNNRTAATNANNN	TTCTGTTTATGCT
M0013		0.83207			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	794	(+)	WNNW	TTCTGTTTATGCTAAAAAAGAGG
M0013		0.83002				
5	V\$OCT1_01	7	796	(+)	NNNNWTATGCAAATNTNNN	CTGTTTATGCTAAAAAAGA
M0013		0.77910				
6	V\$OCT1_02	1	796	(+)	NNGAATATKCANNNN	CTGTTTATGCTAAAA
M0024		0.79923				
8	V\$OCT1_07	7	799	(+)	TNTATGNTAATT	TTTATGCTAAAA
M0013		0.74437				
5	V\$OCT1_01	2	823	(-)	NNNNWTATGCAAATNTNNN	TGTCATTTTACAGATTGCT
M0016		0.81367				
2	V\$OCT1_06	2	826	(-)	CWNAWTKWSATRYN	CATTTTACAGATTG
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.78189	847	(+)	WNNW	GACTGTGTGTGTAATCTGTATA
M0013		0.77680				
5	V\$OCT1_01	3	849	(+)	NNNNWTATGCAAATNTNNN	CTGTGTGTGTAATCTGTA
M0019		0.82232				
5	V\$OCT1_Q6	5	851	(+)	NNNNATGCAAATNAN	GTGTGTGTAAATCTG
M0016						
2	V\$OCT1_06	0.88125	852	(-)	CWNAWTKWSATRYN	TGTGTGTAAATCTG
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.83187	854	(-)	WNNW	TGTGTAAATCTGTATATGTGTTA
M0013		0.79799			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	855	(+)	WNNW	GTGTAAATCTGTATATGTGTTAT
M0013		0.77680				
5	V\$OCT1_01	3	856	(-)	NNNNWTATGCAAATNTNNN	TGTAAATCTGTATATGTGT
M0013		0.78649			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	860	(-)	WNNW	AATCTGTATATGTGTTATAATTT
M0016		0.82617				
2	V\$OCT1_06	2	865	(+)	CWNAWTKWSATRYN	GTATATGTGTTATA
M0013		0.84116				
7	V\$OCT1_03	9	873	(+)	NNNRTAATNANNN	GTTATAATTTTGC
M0016		0.80078				
2	V\$OCT1_06	1	887	(-)	CWNAWTKWSATRYN	TGAATTGAAAACAT
M0013		0.78000			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	912	(+)	WNNW	TCTTAATCTTCCAATACTACAAAA
M0013		0.84483			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	932	(+)	WNNW	AAAAAGAAATGATAATTATGTGA
M0019		0.83733				
5	V\$OCT1_Q6	6	936	(+)	NNNNATGCAAATNAN	AGAAATGATAATTAT
M0016		0.92196				
1	V\$OCT1_05	6	937	(-)	MKNATTTGCATAYY	GAAATGATAATTAT
M0016		0.83984				
2	V\$OCT1_06	4	937	(-)	CWNAWTKWSATRYN	GAAATGATAATTAT
M0024		0.82955				
8	V\$OCT1_07	3	937	(+)	TNTATGNTAATT	GAAATGATAATT
M0013		0.92848				
7	V\$OCT1_03	7	940	(+)	NNNRTAATNANNN	ATGATAATTATGT
M0013		0.88818				
7	V\$OCT1_03	6	941	(-)	NNNRTAATNANNN	TGATAATTATGTG
M0016		0.82109				
2	V\$OCT1_06	4	945	(+)	CWNAWTKWSATRYN	AATTATGTGACATG
M0024		0.80602				
8	V\$OCT1_07	1	962	(+)	TNTATGNTAATT	GAAGTGGTAATT

M0013		0.89845				
7	V\$OCT1_03	9	965	(+)	NNNRTAATNANNN	GTGGTAATTATCA
M0013						
7	V\$OCT1_03	0.88226	966	(-)	NNNRTAATNANNN	TGGTAATTATCAC
M0019		0.79230				
5	V\$OCT1_Q6	3	979	(+)	NNNNATGCAAATNAN	TACAATGGCAATCAC
M0013		0.86724				
7	V\$OCT1_03	6	983	(+)	NNNRTAATNANNN	ATGGCAATCACAT
M0013		0.78335			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	986	(+)	WNNW	GCAATCACATTACAATATATAAA
M0013		0.77203				
5	V\$OCT1_01	4	989	(-)	NNNNWTATGCAAATNTNNN	ATCACATTACAATATATAA
M0013		0.89766				
7	V\$OCT1_03	9	989	(-)	NNNRTAATNANNN	ATCACATTACAAT
M0016		0.86835				
2	V\$OCT1_06	9	991	(-)	CWNAWTKWSATRYN	CACATTACAATATA
M0024		0.83442				
8	V\$OCT1_07	9	993	(-)	TNTATGNTAATT	CATTACAATATA
M0013		0.82371			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	994	(+)	WNNW	ATTACAATATATAAATATATCAA
M0013		0.82057			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	995	(-)	WNNW	TTACAATATATAAATATATCAAA
M0013		0.79835				
5	V\$OCT1_01	9	996	(+)	NNNNWTATGCAAATNTNNN	TACAATATATAAATATATC
M0013		0.79736			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	997	(-)	WNNW	ACAATATATAAATATATCAAATC
M0016		0.84726				
2	V\$OCT1_06	6	999	(+)	CWNAWTKWSATRYN	AATATATAAATATA
M0016						
2	V\$OCT1_06	0.825	999	(-)	CWNAWTKWSATRYN	AATATATAAATATA
M0013		0.85065				
7	V\$OCT1_03	2	1001	(+)	NNNRTAATNANNN	TATATAAATATAT
M0013		0.81074			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	1002	(+)	WNNW	ATATAAATATATCAAATCAACAT
M0016		0.86015				
2	V\$OCT1_06	6	1009	(-)	CWNAWTKWSATRYN	TATATCAAATCAAC
M0016		0.81210				
2	V\$OCT1_06	9	1014	(+)	CWNAWTKWSATRYN	CAAATCAACATGTC
M0016		0.81367				
2	V\$OCT1_06	2	1014	(-)	CWNAWTKWSATRYN	CAAATCAACATGTC
M0024		0.80326				
8	V\$OCT1_07	5	1016	(-)	TNTATGNTAATT	AATCAACATGTC
M0016		0.95820				
2	V\$OCT1_06	3	1019	(+)	CWNAWTKWSATRYN	CAACATGTCATATA
M0016		0.88359				
2	V\$OCT1_06	4	1020	(-)	CWNAWTKWSATRYN	AACATGTCATATAA
M0013		0.82538			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	1025	(+)	WNNW	GTCATATAATTTAAATTTACACA
M0013		0.89523			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	1026	(-)	WNNW	TCATATAATTTAAATTTACACAA
M0016		0.91679				
2	V\$OCT1_06	7	1030	(+)	CWNAWTKWSATRYN	ATAATTTAAATTTA
M0019		0.84552				
5	V\$OCT1_Q6	4	1030	(-)	NNNNATGCAAATNAN	ATAATTTAAATTTAC
M0024		0.83230				
8	V\$OCT1_07	9	1030	(+)	TNTATGNTAATT	ATAATTTAAATT
M0016		0.82656				
2	V\$OCT1_06	2	1031	(-)	CWNAWTKWSATRYN	TAATTTAAATTTAC
M0013		0.83458			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	1032	(-)	WNNW	AATTTAAATTTACACAATGTTAT
M0024		0.85160				
8	V\$OCT1_07	1	1032	(-)	TNTATGNTAATT	AATTTAAATTTA
M0013		0.81056				
5	V\$OCT1_01	8	1034	(-)	NNNNWTATGCAAATNTNNN	TTTAAATTTACACAATGTT
M0024		0.84714				
8	V\$OCT1_07	9	1038	(-)	TNTATGNTAATT	AATTTACACAAT

M0016		0.88164				
2	V\$OCT1_06	1	1044	(+)	CWNAWTKWSATRYN	CACAATGTTATATG
M0016		0.80703				
2	V\$OCT1_06	1	1046	(+)	CWNAWTKWSATRYN	CAATGTTATATGTC
M0013		0.78356			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	3	1047	(+)	WNNW	AATGTTATATGTCTAATATATT
M0016		0.83398				
2	V\$OCT1_06	4	1052	(-)	CWNAWTKWSATRYN	TATATGTCTAATAT
M0016		0.83398				
2	V\$OCT1_06	4	1054	(-)	CWNAWTKWSATRYN	TATGTCTAATATAT
M0013		0.79004			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	6	1059	(-)	WNNW	CTAATATATTTGTGTAAAAAAT
M0013		0.81242			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	2	1062	(+)	WNNW	ATATATTTGTGTAAAAAATGAA
M0016		0.83945				
2	V\$OCT1_06	3	1069	(-)	CWNAWTKWSATRYN	TGTGTAAAAAATG
M0016		0.86054				
2	V\$OCT1_06	7	1077	(-)	CWNAWTKWSATRYN	AAAATGAAAAAAGG
M0016		0.82148				
2	V\$OCT1_06	4	1090	(+)	CWNAWTKWSATRYN	GTAACGGCAAGTG
M0016		0.82656				
2	V\$OCT1_06	2	1124	(+)	CWNAWTKWSATRYN	ATTCCTTTTCATTGA
M0019		0.80513				
5	V\$OCT1_Q6	1	1124	(-)	NNNNATGCAAATNAN	ATTCCTTTTCATTGAA
M0013		0.81723			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	1	1126	(-)	WNNW	TCTTTTCATTGAAATTTGAGTTT
M0016		0.83476				
2	V\$OCT1_06	6	1130	(+)	CWNAWTKWSATRYN	TTCATTGAAATTTG
M0016		0.81757				
2	V\$OCT1_06	8	1130	(-)	CWNAWTKWSATRYN	TTCATTGAAATTTG
M0024		0.85435				
8	V\$OCT1_07	7	1130	(+)	TNTATGNTAATT	TTCATTGAAATT
M0013		0.80112			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	9	1132	(-)	WNNW	CATTGAAATTTGAGTTTGCTTGT
M0016		0.80078				
2	V\$OCT1_06	1	1136	(+)	CWNAWTKWSATRYN	GAAATTTGAGTTTG
M0016		0.84804				
2	V\$OCT1_06	7	1136	(-)	CWNAWTKWSATRYN	GAAATTTGAGTTTG
M0013		0.78251			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	8	1223	(-)	WNNW	AGTCTTTCTAATCATTATTATCT
M0013						
7	V\$OCT1_03	0.88305	1227	(+)	NNNR	TAATNANNN
M0013		0.91386				
7	V\$OCT1_03	8	1231	(-)	NNNR	TAATNANNN
M0013		0.91386				
7	V\$OCT1_03	8	1234	(-)	NNNR	TAATNANNN
M0016		0.82656				
2	V\$OCT1_06	2	1247	(-)	CWNAWTKWSATRYN	TGAATCAAAAGCAA
M0016		0.82656				
2	V\$OCT1_06	2	1253	(-)	CWNAWTKWSATRYN	AAAAGCAAATGGAG
M0013		0.86052				
7	V\$OCT1_03	9	1276	(-)	NNNR	TAATNANNN
M0016		0.86054				
2	V\$OCT1_06	7	1320	(-)	CWNAWTKWSATRYN	TAAAACTCAGTTTG
M0013		0.79759				
5	V\$OCT1_01	6	1325	(+)	NNNNW	TATGCAAATNTNNN
M0016		0.82148				
2	V\$OCT1_06	4	1328	(-)	CWNAWTKWSATRYN	AGTTTGCAAGTCTC
M0013		0.78586			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	4	1348	(+)	WNNW	ATACAAGTAGGTCAATAACAGTA
M0016		0.86015				
2	V\$OCT1_06	6	1353	(-)	CWNAWTKWSATRYN	AGTAGGTCAATAAC
M0019		0.85234				
5	V\$OCT1_Q6	7	1384	(-)	NNNNATGCAAATNAN	GTGGTTAGCATTTAT
M0016		0.84218				
2	V\$OCT1_06	7	1390	(-)	CWNAWTKWSATRYN	AGCATTTATTTACAC

M0016		0.81835				
2	V\$OCT1_06	9	1396	(-)	CWNAWTKWSATRYN	TATTTTACAAATAC
M0024		0.79520				
8	V\$OCT1_07	9	1404	(-)	TNTATGNTAATT	AAATACCACATA
M0016		0.82617				
2	V\$OCT1_06	2	1405	(-)	CWNAWTKWSATRYN	AATACCACATATAC
M0013		0.79527			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	1409	(+)	WNNW	CCACATATACTGAAATATTAATA
M0016		0.86835				
2	V\$OCT1_06	9	1414	(+)	CWNAWTKWSATRYN	TATACTGAAATATT
M0016		0.83671				
2	V\$OCT1_06	9	1421	(+)	CWNAWTKWSATRYN	AAATATTAATAAGCT
M0016		0.89062				
2	V\$OCT1_06	5	1422	(-)	CWNAWTKWSATRYN	AATATTAATAAGCTT
M0013		0.79506			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	1437	(-)	WNNW	AACTGTTATATGTATCTTTCTAA
M0013		0.78711			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	1438	(+)	WNNW	ACTGTTATATGTATCTTTCTAA
M0013		0.81785			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	1459	(+)	WNNW	AAAAGACTATTTTTAAAAAATCA
M0013		0.78084			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	1462	(-)	WNNW	AGACTATTTTTAAAAAATCAAAT
M0016		0.81328				
2	V\$OCT1_06	1	1466	(-)	CWNAWTKWSATRYN	TATTTTTAAAAAAT
M0019		0.81222				
5	V\$OCT1_Q6	7	1473	(+)	NNNNATGCAAATNAN	AAAAAATCAAATAAG
M0016		0.83203				
2	V\$OCT1_06	1	1474	(-)	CWNAWTKWSATRYN	AAAAATCAAATAAG
M0016		0.83437				
2	V\$OCT1_06	5	1475	(-)	CWNAWTKWSATRYN	AAAATCAAATAAGC
M0013		0.84077				
7	V\$OCT1_03	4	1480	(+)	NNNRTAATNANNN	CAAATAAGCAGGT
M0013		0.80531			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	1527	(+)	WNNW	GTTTATTTCTTTAAATATTTTCAG
M0013		0.83563			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	1528	(-)	WNNW	TTTATTTCTTTAAATATTTTCAGT
M0016		0.84726				
2	V\$OCT1_06	6	1532	(+)	CWNAWTKWSATRYN	TTTCTTTAAATATT
M0013		0.77991				
6	V\$OCT1_02	3	1534	(-)	NNGAATATKCANNNN	TCTTTAAATATTTCA
M0016		0.82890				
2	V\$OCT1_06	6	1539	(+)	CWNAWTKWSATRYN	AAATATTTTCAGTCA
M0016		0.84765				
2	V\$OCT1_06	6	1540	(-)	CWNAWTKWSATRYN	AATATTTTCAGTCAA
M0013					NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.79862	1556	(-)	WNNW	CCCTGTCATTGTCATACCTATGT
M0013		0.73178				
5	V\$OCT1_01	2	1558	(-)	NNNNWTATGCAAATNTNNN	CTGTCATTGTCATACCTAT
M0013						
7	V\$OCT1_03	0.84275	1558	(-)	NNNRTAATNANNN	CTGTCATTGTCAT
M0016		0.85605				
1	V\$OCT1_05	2	1560	(+)	MKNATTTGCATAYY	GTCATTGTCATACC
M0016		0.91679				
2	V\$OCT1_06	7	1560	(+)	CWNAWTKWSATRYN	GTCATTGTCATACC
M0019		0.83269				
5	V\$OCT1_Q6	7	1560	(-)	NNNNATGCAAATNAN	GTCATTGTCATACCT
M0013		0.85460				
7	V\$OCT1_03	3	1575	(-)	NNNRTAATNANNN	ATGTTTTTATTAA
M0013		0.82685			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	1576	(-)	WNNW	TGTTTTTATTAAAAACAATCAAGT
M0013						
7	V\$OCT1_03	0.84196	1578	(-)	NNNRTAATNANNN	TTTTTATTAAAAAC
M0016		0.80703				
2	V\$OCT1_06	1	1623	(-)	CWNAWTKWSATRYN	GAGAAGTAATTGTG
M0013		0.85815				
7	V\$OCT1_03	9	1625	(+)	NNNRTAATNANNN	GAAGTAATTGTGA

M0013		0.86566				
7	V\$OCT1_03	6	1626	(-)	NNNRTAATNANNN	AAGTAATTGTGAA
M0013		0.78649			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	1666	(-)	WNNW	TCCTCCATCTTACATGTTCTGT
M0016		0.87617				
2	V\$OCT1_06	2	1670	(+)	CWNAWTKWSATRYN	CCATCTTACATGTT
M0016		0.80820				
2	V\$OCT1_06	3	1671	(-)	CWNAWTKWSATRYN	CATCTTACATGTTCT
M0013		0.78884				
6	V\$OCT1_02	7	1672	(-)	NNGAATATKCANNNN	ATCTTACATGTTCTCT
M0016		0.86484				
2	V\$OCT1_06	4	1701	(-)	CWNAWTKWSATRYN	GGAATTACAGAATT
M0016		0.80078				
2	V\$OCT1_06	1	1709	(-)	CWNAWTKWSATRYN	AGAATTTTAGAAAT
M0016		0.83398				
2	V\$OCT1_06	4	1710	(+)	CWNAWTKWSATRYN	GAATTTTAGAAATT
M0016		0.80039				
2	V\$OCT1_06	1	1712	(+)	CWNAWTKWSATRYN	ATTTTAGAAATTTT
M0013		0.78230			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	1713	(+)	WNNW	TTTTAGAAATTTTAGTTCAAACCT
M0013					NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.7867	1714	(-)	WNNW	TTTAGAAATTTTAGTTCAAACCT
M0016		0.82656				
2	V\$OCT1_06	2	1718	(+)	CWNAWTKWSATRYN	GAAATTTTAGTTCA
M0013		0.78460			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	1726	(-)	WNNW	AGTTCAAACCTTTCATTTATAGGT
M0013						
5	V\$OCT1_01	0.74628	1728	(-)	NNNNWTATGCAAATNTNNN	TTCAAACCTTTCATTTATAG
M0016		0.95078				
2	V\$OCT1_06	1	1730	(+)	CWNAWTKWSATRYN	CAAACCTTTCATTTA
M0016		0.83437				
2	V\$OCT1_06	5	1731	(-)	CWNAWTKWSATRYN	AAACCTTTCATTTAT
M0013		0.77504				
6	V\$OCT1_02	1	1746	(-)	NNGAATATKCANNNN	GGTAAGAATAGTAAG
M0024		0.79584				
8	V\$OCT1_07	5	1767	(+)	TNTATGNTAATT	ATAAAGGAAATT
M0016		0.83437				
2	V\$OCT1_06	5	1768	(-)	CWNAWTKWSATRYN	TAAAGGAAATTACT
M0013		0.78061				
5	V\$OCT1_01	8	1784	(-)	NNNNWTATGCAAATNTNNN	GACAAAATTGCACAAGTAG
M0016		0.82929				
2	V\$OCT1_06	7	1808	(+)	CWNAWTKWSATRYN	GAGCCTGAGATGGA
M0013		0.84630				
7	V\$OCT1_03	6	1886	(-)	NNNRTAATNANNN	CCTTGTTTACAAA
M0016		0.85585				
2	V\$OCT1_06	9	1914	(+)	CWNAWTKWSATRYN	CAGACTGGCATGGG
M0016		0.81171				
2	V\$OCT1_06	9	1929	(-)	CWNAWTKWSATRYN	AGCCTCTCCTTTTG
M0016		0.82656				
2	V\$OCT1_06	2	1934	(+)	CWNAWTKWSATRYN	CTCCTTTTGCTGCC
M0013		0.78523			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	1979	(-)	WNNW	TTTCTCCATTAAATGCCCATGG
M0016		0.83476				
2	V\$OCT1_06	6	1983	(-)	CWNAWTKWSATRYN	TCCATTTAAATGCC
M0013		0.80363			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	1990	(+)	WNNW	AAATGCCCATGGATATTCAGAAG
M0013		0.85841				
6	V\$OCT1_02	9	1995	(-)	NNGAATATKCANNNN	CCCATGGATATTCAG
M0013		0.89063				
6	V\$OCT1_02	3	1998	(+)	NNGAATATKCANNNN	ATGGATATTCAGAAG
M0013		0.81263			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2018	(-)	WNNW	CTCTTCTATTGAATGTTCTCTA
M0013		0.75352				
5	V\$OCT1_01	9	2020	(-)	NNNNWTATGCAAATNTNNN	CTTCTATTTGAATGTTCTC
M0019		0.79721				
5	V\$OCT1_Q6	6	2022	(-)	NNNNATGCAAATNAN	TCTATTTGAATGTTCTC

M0013		0.88115				
6	V\$OCT1_02	9	2024	(-)	NNGAATATKCANNNNN	TATTTGAATGTTCTC
M0013		0.81639			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2039	(-)	WNNW	TATTAATCTCTGCATGAGTAAGT
M0013		0.73960				
5	V\$OCT1_01	3	2105	(-)	NNNNWTATGCAAATNTNNN	TGAAAACCTCTATATGTAG
M0013		0.73731				
5	V\$OCT1_01	4	2112	(+)	NNNNWTATGCAAATNTNNN	TTCTATATGTAGAAAGCCA
M0016		0.86015				
2	V\$OCT1_06	6	2191	(+)	CWNAWTKWSATRYN	CTACAATTGATGCT
M0013		0.87317				
7	V\$OCT1_03	3	2235	(+)	NNNRATAATNANNN	TTGATAATCTCAA
M0016		0.80859				
2	V\$OCT1_06	4	2248	(-)	CWNAWTKWSATRYN	CACTTGACAGTGCC
M0013					NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.79611	2260	(-)	WNNW	CCTTGTTCTTTATATATATAAGC
M0013		0.78084			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2262	(-)	WNNW	TTGTTCTTTATATATATAAGCTA
M0016		0.84726				
2	V\$OCT1_06	6	2264	(+)	CWNAWTKWSATRYN	GTTCTTTATATATA
M0019		0.85507				
5	V\$OCT1_Q6	6	2264	(-)	NNNNATGCAAATNAN	GTTCTTTATATATAT
M0013		0.78941			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	2271	(+)	WNNW	ATATATATAAGCTAAAATTTT
M0013		0.78328				
5	V\$OCT1_01	9	2273	(+)	NNNNWTATGCAAATNTNNN	ATATATAAGCTAAAATTTT
M0013		0.80949			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	2279	(+)	WNNW	AAGCTAAAATTTTATTTATAGG
M0013		0.79443			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	2280	(-)	WNNW	AGCTAAAATTTTATTTATAGGT
M0016		0.86054				
2	V\$OCT1_06	7	2284	(+)	CWNAWTKWSATRYN	AAAATTTTATTTA
M0013		0.81012			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2285	(+)	WNNW	AAATTTTATTTATAGGTAAGAA
M0013		0.84420			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	2313	(-)	WNNW	CCTATAAATGTACATATATATT
M0013		0.73044				
5	V\$OCT1_01	6	2314	(+)	NNNNWTATGCAAATNTNNN	CTATAAATGTACATATATA
M0013		0.80468			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	2314	(+)	WNNW	CTATAAATGTACATATATATTTA
M0013		0.81018				
5	V\$OCT1_01	7	2315	(-)	NNNNWTATGCAAATNTNNN	TATAAATGTACATATATAT
M0013		0.78816			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	2316	(+)	WNNW	ATAAATGTACATATATATTTATA
M0016		0.81171				
2	V\$OCT1_06	9	2317	(+)	CWNAWTKWSATRYN	TAAATGTACATATA
M0013		0.84232			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2318	(+)	WNNW	AAATGTACATATATATTTATAGG
M0024		0.86644				
8	V\$OCT1_07	1	2319	(-)	TNTATGNTAATT	AATGTACATATA
M0013		0.78000			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	2324	(+)	WNNW	ACATATATATTTATAGGCACCAT
M0013		0.84907				
7	V\$OCT1_03	2	2328	(-)	NNNRATAATNANNN	ATATATTTATAGG
M0013		0.80301			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2329	(-)	WNNW	TATATTTATAGGCACCATTATGT
M0013		0.87356				
7	V\$OCT1_03	8	2340	(-)	NNNRATAATNANNN	GCACCATTATGTG
M0013		0.74227				
5	V\$OCT1_01	4	2343	(-)	NNNNWTATGCAAATNTNNN	CCATTATGTGCCTATACAT
M0013						
6	V\$OCT1_02	0.79778	2347	(-)	NNGAATATKCANNNNN	TATGTGCCTATACAT
M0016		0.84218				
2	V\$OCT1_06	7	2356	(+)	CWNAWTKWSATRYN	ATACATTATATATG
M0013		0.83396			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2358	(-)	WNNW	ACATTATATATGTGTATGTATAT

M0013		0.79360			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2364	(-)	WNNW	TATATGTGTATGTATATGTGTAT
M0013		0.87160			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2365	(+)	WNNW	ATATGTGTATGTATATGTGTATA
M0013						
5	V\$OCT1_01	0.78348	2367	(+)	NNNNWTATGCAAATNTNNN	ATGTGTATGTATATGTGTA
M0013		0.82496			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	2370	(-)	WNNW	TGTATGTATATGTGTATACATAG
M0016						
2	V\$OCT1_06	0.88125	2370	(-)	CWNAWTKWSATRYN	TGTATGTATATGTG
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.81054	2371	(+)	WNNW	GTATGTATATGTGTATACATAGG
M0013		0.78749				
6	V\$OCT1_02	3	2373	(+)	NNGAATATKCANNNN	ATGTATATGTGTATA
M0013		0.75238				
5	V\$OCT1_01	5	2374	(-)	NNNNWTATGCAAATNTNNN	TGTATATGTGTATACATAG
M0013		0.78544			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2377	(+)	WNNW	ATATGTGTATACATAGGGACACA
M0016		0.80429				
2	V\$OCT1_06	7	2411	(+)	CWNAWTKWSATRYN	CAAAGTTTAAAGTT
M0013		0.80447			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2417	(+)	WNNW	TTAAAGTTATTCAAACCTACCTGT
M0013		0.73025				
5	V\$OCT1_01	6	2419	(+)	NNNNWTATGCAAATNTNNN	AAAGTTATTCAAACCTACCT
M0013		0.80833				
6	V\$OCT1_02	8	2419	(+)	NNGAATATKCANNNN	AAAGTTATTCAAACCT
M0019						
5	V\$OCT1_Q6	0.79012	2421	(+)	NNNNATGCAAATNAN	AGTTATTCAAACCTAC
M0016		0.82656				
2	V\$OCT1_06	2	2432	(+)	CWNAWTKWSATRYN	CTACCTGTCCTTCT
M0016						
2	V\$OCT1_06	0.86875	2452	(+)	CWNAWTKWSATRYN	CAGAATAAAATTCT
M0016		0.85546				
2	V\$OCT1_06	9	2453	(-)	CWNAWTKWSATRYN	AGAATAAAATTCTC
M0013		0.78072				
6	V\$OCT1_02	6	2455	(+)	NNGAATATKCANNNN	AATAAAATTCTCATG
M0016						
2	V\$OCT1_06	0.88125	2458	(+)	CWNAWTKWSATRYN	AAAATTCTCATGTA
M0013		0.78544			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2459	(+)	WNNW	AAATTCTCATGTAATTTAATTAT
M0016		0.81992				
2	V\$OCT1_06	2	2464	(-)	CWNAWTKWSATRYN	CTCATGTAATTTAA
M0013		0.82287			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	2465	(-)	WNNW	TCATGTAATTTAATTATTTATAA
M0013						
7	V\$OCT1_03	0.84196	2466	(+)	NNNRATATNANNN	CATGTAATTTAAT
M0024		0.83654				
8	V\$OCT1_07	9	2468	(+)	TNTATGNTAATT	TGTAATTTAATT
M0016		0.83945				
2	V\$OCT1_06	3	2469	(+)	CWNAWTKWSATRYN	GTAATTTAATTATT
M0016		0.84257				
2	V\$OCT1_06	8	2469	(-)	CWNAWTKWSATRYN	GTAATTTAATTATT
M0013		0.81221			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2471	(-)	WNNW	AATTTAATTATTTATAAAAAAATT
M0013		0.88344				
7	V\$OCT1_03	5	2472	(-)	NNNRATATNANNN	ATTTAATTATTTA
M0013		0.83354			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2472	(+)	WNNW	ATTTAATTATTTATAAAAAAATTG
M0013		0.78293			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	2473	(-)	WNNW	TTTAATTATTTATAAAAAAATTGT
M0013		0.78565			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2475	(-)	WNNW	TAATTATTTATAAAAAAATTGTGT
M0013		0.73464				
5	V\$OCT1_01	3	2478	(+)	NNNNWTATGCAAATNTNNN	TTATTTATAAAAAAATTGTG
M0016		0.80429				
2	V\$OCT1_06	7	2483	(-)	CWNAWTKWSATRYN	TATAAAAAAATTGTG

M0016		0.80312				
2	V\$OCT1_06	5	2496	(+)	CWNAWTKWSATRYN	GTCTATGACTTTCC
M0013		0.85065				
7	V\$OCT1_03	2	2507	(-)	NNNRTAATNANNN	TCCTTATTAATGG
M0016		0.84726				
2	V\$OCT1_06	6	2512	(+)	CWNAWTKWSATRYN	ATTAATGGCCTACT
M0013		0.78502			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	2536	(-)	WNNW	TGGTACATGTTAAATGAATATAT
M0024		0.83633				
8	V\$OCT1_07	7	2539	(+)	TNTATGNTAATT	TACATGTTAAAT
M0013		0.79820			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2541	(+)	WNNW	CATGTTAAATGAATATATGATTA
M0016		0.80039				
2	V\$OCT1_06	1	2541	(-)	CWNAWTKWSATRYN	CATGTTAAATGAAT
M0016		0.82656				
2	V\$OCT1_06	2	2544	(+)	CWNAWTKWSATRYN	GTAAATGAATATA
M0013		0.81158				
6	V\$OCT1_02	6	2546	(-)	NNGAATATKCANNNN	TAAATGAATATATGA
M0016		0.87343				
2	V\$OCT1_06	7	2546	(-)	CWNAWTKWSATRYN	TAAATGAATATATG
M0013		0.78251			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	2549	(+)	WNNW	ATGAATATATGATTAACCTTGTA
M0016		0.80429				
2	V\$OCT1_06	7	2552	(-)	CWNAWTKWSATRYN	AATATATGATTAAC
M0013		0.78565			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2553	(-)	WNNW	ATATATGATTAACCTTGTAATGA
M0013		0.87001				
7	V\$OCT1_03	2	2555	(-)	NNNRTAATNANNN	ATATGATTAACCT
M0016		0.82148				
2	V\$OCT1_06	4	2563	(+)	CWNAWTKWSATRYN	AACCTTGTAATGAT
M0013		0.92532				
7	V\$OCT1_03	6	2566	(+)	NNNRTAATNANNN	CTTGTAATGATAC
M0016		0.86850				
1	V\$OCT1_05	4	2575	(+)	MKNATTTGCATAYY	ATACTTTTAATATT
M0016		0.89570				
2	V\$OCT1_06	3	2575	(+)	CWNAWTKWSATRYN	ATACTTTTAATATT
M0016		0.81328				
2	V\$OCT1_06	1	2588	(-)	CWNAWTKWSATRYN	TATAGCCAAAAATC
M0016		0.85546				
2	V\$OCT1_06	9	2595	(+)	CWNAWTKWSATRYN	AAAAATCAAATTCA
M0016		0.91679				
2	V\$OCT1_06	7	2596	(-)	CWNAWTKWSATRYN	AAAATCAAATTCAT
M0013		0.81916				
6	V\$OCT1_02	6	2598	(+)	NNGAATATKCANNNN	AATCAAATTCATACA
M0016		0.84726				
2	V\$OCT1_06	6	2599	(+)	CWNAWTKWSATRYN	ATCAAATTCATACA
M0013		0.86527				
7	V\$OCT1_03	1	2609	(-)	NNNRTAATNANNN	TACACATTATACT
M0013		0.84044			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	2632	(-)	WNNW	TCTAAAGTTTTTAATAAAATAAA
M0016		0.81367				
2	V\$OCT1_06	2	2636	(+)	CWNAWTKWSATRYN	AAGTTTTTAATAAA
M0013		0.84867				
7	V\$OCT1_03	6	2639	(+)	NNNRTAATNANNN	TTTTTAATAAAAT
M0016		0.83437				
2	V\$OCT1_06	5	2645	(+)	CWNAWTKWSATRYN	ATAAAATAAATTTA
M0016		0.82656				
2	V\$OCT1_06	2	2646	(-)	CWNAWTKWSATRYN	TAAAATAAATTTAC
M0013		0.78732			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	2733	(-)	WNNW	TCCTAAATTATTAGTAATAGATC
M0013		0.87159				
7	V\$OCT1_03	2	2737	(-)	NNNRTAATNANNN	AAATTATTAGTAA
M0016		0.86992				
2	V\$OCT1_06	2	2753	(+)	CWNAWTKWSATRYN	ATCCTTTTAATTTA
M0013		0.78377			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2754	(-)	WNNW	TCCTTTTAATTTAATTTTTTTTT

M0013		0.79443			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	2755	(-)	WNNW	CCTTTTAATTTAATTTTTTTT
M0016		0.86054				
2	V\$OCT1_06	7	2758	(+)	CWNAWTKWSATRYN	TTTAATTTAATTTT
M0024		0.83167				
8	V\$OCT1_07	3	2758	(+)	TNTATGNTAATT	TTTAATTTAATT
M0016		0.85546				
2	V\$OCT1_06	9	2759	(-)	CWNAWTKWSATRYN	TTAATTTAATTTTT
M0013		0.83375			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2765	(-)	WNNW	TAATTTTTTTTAATTTTTTAAT
M0016		0.82656				
2	V\$OCT1_06	2	2769	(+)	CWNAWTKWSATRYN	TTTTTTTAATTTT
M0024		0.83167				
8	V\$OCT1_07	3	2769	(+)	TNTATGNTAATT	TTTTTTTAATT
M0013		0.85717			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	2773	(-)	WNNW	TTTAATTTTTAATTTTTATT
M0016		0.89062				
2	V\$OCT1_06	5	2777	(+)	CWNAWTKWSATRYN	AATTTTTTAATTTT
M0024		0.81238				
8	V\$OCT1_07	1	2777	(+)	TNTATGNTAATT	AATTTTTTAATT
M0013		0.81785			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	2778	(+)	WNNW	ATTTTTTAATTTTTATTTTAGG
M0016		0.80039				
2	V\$OCT1_06	1	2778	(+)	CWNAWTKWSATRYN	ATTTTTTAATTTT
M0013		0.83124			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2779	(-)	WNNW	TTTTTAATTTTTATTTTAGGT
M0019		0.82314				
5	V\$OCT1_Q6	4	2783	(-)	NNNNATGCAAATNAN	TTAATTTTTATTTTT
M0013		0.87554				
7	V\$OCT1_03	3	2799	(+)	NNNRATAATNANNN	GGTGCAATCATGA
M0016		0.86835				
2	V\$OCT1_06	9	2866	(+)	CWNAWTKWSATRYN	GTTAATTGCATCTA
M0019		0.83433				
5	V\$OCT1_Q6	4	2866	(-)	NNNNATGCAAATNAN	GTTAATTGCATCTAA
M0016		0.93203				
2	V\$OCT1_06	1	2872	(-)	CWNAWTKWSATRYN	TGCATCTAATGAAT
M0013		0.86566				
7	V\$OCT1_03	6	2874	(+)	NNNRATAATNANNN	CATCTAATGAATT
M0013		0.78289				
6	V\$OCT1_02	1	2877	(-)	NNGAATATKCANNNN	CTAATGAATTTGTAT
M0013		0.83667			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	2877	(-)	WNNW	CTAATGAATTTGTATTAACCTT
M0013		0.73769				
5	V\$OCT1_01	6	2879	(-)	NNNNWTATGCAAATNTNNN	AATGAATTTGTATTAACCTT
M0013		0.77558				
6	V\$OCT1_02	2	2880	(+)	NNGAATATKCANNNN	ATGAATTTGTATTAA
M0013		0.83396			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2882	(+)	WNNW	GAATTTGTATTAACCTTTAAGA
M0024		0.82022				
8	V\$OCT1_07	5	2883	(-)	TNTATGNTAATT	AATTTGTATTAA
M0016		0.84726				
2	V\$OCT1_06	6	2887	(-)	CWNAWTKWSATRYN	TGTATTAACCTTT
M0013		0.76287				
5	V\$OCT1_01	7	2895	(+)	NNNNWTATGCAAATNTNNN	AACCTTAAGAAAATTTAT
M0024		0.79478				
8	V\$OCT1_07	5	2898	(+)	TNTATGNTAATT	TTTAAGAAAATT
M0016		0.86835				
2	V\$OCT1_06	9	2903	(+)	CWNAWTKWSATRYN	GAAAATTTATTTA
M0013		0.78084			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2905	(-)	WNNW	AAATTTATTTAAAGGCTCTAAT
M0016		0.80078				
2	V\$OCT1_06	1	2909	(-)	CWNAWTKWSATRYN	TTTATTTAAAGGCT
M0016						
2	V\$OCT1_06	0.825	2918	(-)	CWNAWTKWSATRYN	AGGCTCTAATTATG
M0013		0.87238				
7	V\$OCT1_03	2	2920	(+)	NNNRATAATNANNN	GCTCTAATTATGT

M0013		0.90952				
7	V\$OCT1_03	2	2921	(-)	NNNRTAATNANNN	CTCTAATTATGTA
M0013		0.86177			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	2921	(+)	WNNW	CTCTAATTATGTAAATTTCTAAA
M0013		0.79360			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2922	(-)	WNNW	TCTAATTATGTAAATTTCTAAAT
M0013		0.92159				
5	V\$OCT1_01	5	2923	(+)	NNNNWTATGCAAATNTNNN	CTAATTATGTAAATTTCTA
M0016		0.80820				
2	V\$OCT1_06	3	2925	(+)	CWNAWTKWSATRYN	AATTATGTAAATTT
M0019		0.84061				
5	V\$OCT1_Q6	1	2925	(+)	NNNNATGCAAATNAN	AATTATGTAAATTTCT
M0016		0.81367				
2	V\$OCT1_06	2	2926	(+)	CWNAWTKWSATRYN	ATTATGTAAATTTCT
M0016						
2	V\$OCT1_06	0.88125	2926	(-)	CWNAWTKWSATRYN	ATTATGTAAATTTCT
M0024		0.94509				
8	V\$OCT1_07	2	2926	(+)	TNTATGNTAATT	ATTATGTAAATT
M0013		0.83751			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	2930	(-)	WNNW	TGTAAATTTCTAAATAGTTATAT
M0013		0.78230			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	2936	(-)	WNNW	TTTCTAAATAGTTATATTTATAG
M0013		0.83145			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2937	(+)	WNNW	TTCTAAATAGTTATATTTATAGA
M0013		0.78607			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	2941	(+)	WNNW	AAATAGTTATATTTATAGAGCAA
M0013		0.78544			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2944	(-)	WNNW	TAGTTATATTTATAGAGCAAAAT
M0013		0.73731				
5	V\$OCT1_01	4	2962	(-)	NNNNWTATGCAAATNTNNN	AAAATAGCTGCATACTAAC
M0013		0.84082				
6	V\$OCT1_02	3	2966	(-)	NNGAATATKCANNNN	TAGCTGCATACTAAC
M0013		0.87348			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	2977	(-)	WNNW	TAACTATATTTTCATAAAAAGTAA
M0013		0.82678				
5	V\$OCT1_01	4	2979	(-)	NNNNWTATGCAAATNTNNN	ACTATATTTTCATAAAAAGT
M0016		0.81718				
2	V\$OCT1_06	7	2981	(+)	CWNAWTKWSATRYN	TATATTTTCATAAA
M0024		0.79478				
8	V\$OCT1_07	5	2983	(-)	TNTATGNTAATT	TATTTTCATAAA
M0016		0.86796				
2	V\$OCT1_06	9	2995	(-)	CWNAWTKWSATRYN	AGTAACTCATTTTT
M0013		0.80698			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2998	(-)	WNNW	AACTCATTTTTACATTTATTTCT
M0013		0.77127				
5	V\$OCT1_01	1	3000	(-)	NNNNWTATGCAAATNTNNN	CTCATTTTTACATTTATTT
M0019		0.79912				
5	V\$OCT1_Q6	7	3000	(-)	NNNNATGCAAATNAN	CTCATTTTTACATTT
M0013		0.84037				
7	V\$OCT1_03	9	3001	(-)	NNNRTAATNANNN	TCATTTTTACATT
M0016		0.94531				
2	V\$OCT1_06	2	3002	(+)	CWNAWTKWSATRYN	CATTTTTACATTTA
M0013		0.82099			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	3007	(+)	WNNW	TTACATTTATTTCTATTACAAAA
M0013					NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.81033	3008	(-)	WNNW	TACATTTATTTCTATTACAAAAT
M0013		0.78983			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	3013	(+)	WNNW	TTATTTCTATTACAAAATTTAA
M0013		0.85381				
7	V\$OCT1_03	3	3016	(-)	NNNRTAATNANNN	TTTCTATTACAAA
M0016		0.82656				
2	V\$OCT1_06	2	3018	(-)	CWNAWTKWSATRYN	TCTATTACAAAATT
M0016		0.87773				
2	V\$OCT1_06	4	3026	(-)	CWNAWTKWSATRYN	AAAATTTAAAAGAT
M0016		0.82656				
2	V\$OCT1_06	2	3027	(-)	CWNAWTKWSATRYN	AAATTTAAAAGATG

M0016		0.80039				
2	V\$OCT1_06	1	3060	(-)	CWNAWTKWSATRYN	AGAATTAAGAAATC
M0016		0.86835				
2	V\$OCT1_06	9	3075	(+)	CWNAWTKWSATRYN	CACTTTATCATGTA
M0013		0.79820			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	3076	(+)	WNNW	ACTTTATCATGTATAAGAAAATC
M0013		0.80761			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	3082	(+)	WNNW	TCATGTATAAGAAAATCTTTAAA
M0013		0.75944				
5	V\$OCT1_01	3	3084	(+)	NNNNWTATGCAAATNTNNN	ATGTATAAGAAAATCTTTA
M0016		0.84726				
2	V\$OCT1_06	6	3087	(-)	CWNAWTKWSATRYN	TATAAGAAAATCTT
M0016		0.80039				
2	V\$OCT1_06	1	3094	(+)	CWNAWTKWSATRYN	AAATCTTTAAAATT
M0016		0.82109				
2	V\$OCT1_06	4	3095	(-)	CWNAWTKWSATRYN	AATCTTTAAAATTC
M0016		0.80078				
2	V\$OCT1_06	1	3096	(+)	CWNAWTKWSATRYN	ATCTTTAAAATTCT
M0013		0.77910				
6	V\$OCT1_02	1	3099	(+)	NNGAATATKCANNNN	TTTAAAATTCTCATA
M0013		0.76554				
5	V\$OCT1_01	8	3100	(-)	NNNNWTATGCAAATNTNNN	TTAAAATTCTCATATGATA
M0016		0.86054				
2	V\$OCT1_06	7	3102	(+)	CWNAWTKWSATRYN	AAAATTCTCATATG
M0016		0.81210				
2	V\$OCT1_06	9	3122	(-)	CWNAWTKWSATRYN	AAAATATATTTTIG
M0013		0.79192			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	3151	(+)	WNNW	GAAGATATTTTTTAATTATAATA
M0013		0.84525			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	3152	(-)	WNNW	AAGATATTTTTTAATTATAATAT
M0024		0.83167				
8	V\$OCT1_07	3	3156	(+)	TNTATGNTAATT	TATTTTTTAATT
M0016		0.81328				
2	V\$OCT1_06	1	3157	(+)	CWNAWTKWSATRYN	ATTTTTTAATTATA
M0013		0.83793			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	3158	(-)	WNNW	TTTTTTAATTATAATATGCTCTA
M0013		0.86527				
7	V\$OCT1_03	1	3159	(+)	NNNRTAATNANNN	TTTTTAATTATAA
M0013		0.88858				
7	V\$OCT1_03	2	3160	(-)	NNNRTAATNANNN	TTTTAATTATAAT
M0024		0.81322				
8	V\$OCT1_07	9	3164	(-)	TNTATGNTAATT	AATTATAATATG
M0013		0.84542				
6	V\$OCT1_02	5	3167	(+)	NNGAATATKCANNNN	TATAATATGCTCTAA
M0013		0.79339			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	3180	(+)	WNNW	AAAAAATAATTCACAAAAAATAA
M0013		0.78532				
6	V\$OCT1_02	8	3182	(+)	NNGAATATKCANNNN	AAAATAATTCACAAA
M0024		0.79817				
8	V\$OCT1_07	7	3187	(-)	TNTATGNTAATT	AATTCACAAAAA
M0016		0.86289				
2	V\$OCT1_06	1	3194	(+)	CWNAWTKWSATRYN	AAAAAATAAATGCA
M0013		0.84274			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	3195	(+)	WNNW	AAAAAATAAATGCAAAAATCATAG
M0013		0.82907				
5	V\$OCT1_01	3	3197	(+)	NNNNWTATGCAAATNTNNN	AAATAAATGCAAAAATCAT
M0013		0.77964				
6	V\$OCT1_02	3	3197	(+)	NNGAATATKCANNNN	AAATAAATGCAAAAAA
M0019						
5	V\$OCT1_Q6	0.82369	3199	(+)	NNNNATGCAAATNAN	ATAAATGCAAAAATC
M0016		0.89843				
2	V\$OCT1_06	7	3200	(-)	CWNAWTKWSATRYN	TAAATGCAAAAATC
M0013		0.78126			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	3225	(+)	WNNW	TCAGAAATGTTTTAAATTAAATT
M0013		0.79694			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	3227	(-)	WNNW	AGAAATGTTTTAAATTAAATTCC

M0016		0.80078				
2	V\$OCT1_06	1	3231	(+)	CWNAWTKWSATRYN	ATGTTTTAAATTAA
M0013		0.78105			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	4	3232	(-)	WNNW	TGTTTTAAATTAAATTCCTATCT
M0016		0.85546				
2	V\$OCT1_06	9	3236	(+)	CWNAWTKWSATRYN	TTAAATTAAATTCC
M0016		0.89101				
2	V\$OCT1_06	6	3237	(-)	CWNAWTKWSATRYN	TAAATTAAATTCCT
M0016		0.80078				
2	V\$OCT1_06	1	3242	(-)	CWNAWTKWSATRYN	TAAATTCCTATCTC
M0016		0.80703				
2	V\$OCT1_06	1	3371	(-)	CWNAWTKWSATRYN	TACATTTTATTGTA
M0013		0.75104				
5	V\$OCT1_01	9	3429	(+)	NNNNWTATGCAAATNTNNN	GTCCATAATCAAATCTAAT
M0013		0.91465				
7	V\$OCT1_03	8	3430	(+)	NNNRATAATNANNN	TCCATAATCAAAT
M0016		0.82539				
2	V\$OCT1_06	1	3432	(+)	CWNAWTKWSATRYN	CATAATCAAATCTA
M0016		0.93242				
2	V\$OCT1_06	2	3438	(-)	CWNAWTKWSATRYN	CAAATCTAATTTTC
M0013					NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	0.78921	3439	(-)	WNNW	AAATCTAATTTTCAGGCATTTT
M0016		0.88632				
2	V\$OCT1_06	8	3443	(+)	CWNAWTKWSATRYN	CTAATTTTCAGGCA
M0019		0.82532				
5	V\$OCT1_Q6	8	3443	(-)	NNNNATGCAAATNAN	CTAATTTTCAGGCAT
M0013		0.79101				
6	V\$OCT1_02	2	3449	(-)	NNGAATATKCANNNN	TTCAGGCATTTTTTT
M0013		0.73349				
5	V\$OCT1_01	9	3462	(-)	NNNNWTATGCAAATNTNNN	TTAAAAGTTACATTCTGTG
M0016		0.87617				
2	V\$OCT1_06	2	3464	(+)	CWNAWTKWSATRYN	AAAAGTTACATTCT
M0016		0.84765				
2	V\$OCT1_06	6	3465	(-)	CWNAWTKWSATRYN	AAAGTTACATTCTG
M0024		0.79796				
8	V\$OCT1_07	5	3466	(-)	TNTATGNTAATT	AAGTTACATTCT
M0016		0.82656				
2	V\$OCT1_06	2	3479	(-)	CWNAWTKWSATRYN	TGTATTAAAGCTAT
M0013		0.82434			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	1	3518	(+)	WNNW	ATTTTTTCTTTTAATTTTAGA
M0016		0.81328				
2	V\$OCT1_06	1	3518	(+)	CWNAWTKWSATRYN	ATTTTTTCTTTTA
M0013		0.80050			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	2	3519	(-)	WNNW	TTTTTTCTTTTAATTTTAGAC
M0016		0.82656				
2	V\$OCT1_06	2	3523	(+)	CWNAWTKWSATRYN	TTCTTTTAATTTT
M0024		0.83167				
8	V\$OCT1_07	3	3523	(+)	TNTATGNTAATT	TTCTTTTAATT
M0013		0.83730			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	7	3525	(-)	WNNW	TCTTTTAATTTTAGACTTGTTT
M0016		0.80820				
2	V\$OCT1_06	3	3531	(+)	CWNAWTKWSATRYN	AATTTTLAGACTTG
M0013		0.81137			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	6	3537	(-)	WNNW	TAGACTTGTTTTCATGTGCATTT
M0019		0.81986				
5	V\$OCT1_Q6	9	3541	(-)	NNNNATGCAAATNAN	CTTGTTTTCATGTGC
M0013		0.80217			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	5	3543	(-)	WNNW	TGTTTTCATGTGCATTTTGGCTA
M0013		0.85499				
7	V\$OCT1_03	8	3545	(-)	NNNRATAATNANNN	TTTTCATTGTCAT
M0016		0.86054				
2	V\$OCT1_06	7	3547	(+)	CWNAWTKWSATRYN	TTCATTGTCAATTTT
M0016		0.81210				
2	V\$OCT1_06	9	3548	(-)	CWNAWTKWSATRYN	TCATTGTCAATTTTG
M0016		0.83437				
2	V\$OCT1_06	5	3571	(+)	CWNAWTKWSATRYN	CTGCTTTACTTTCA

M0019		0.83296				
5	V\$OCT1_Q6	9	3571	(-)	NNNNATGCAAATNAN	CTGCTTTACTTTCAC
M0013		0.81323				
5	V\$OCT1_01	9	3606	(-)	NNNNWTATGCAAATNTNNN	CACCTATTTGCAAACAGCA
M0013		0.73426				
5	V\$OCT1_01	2	3607	(+)	NNNNWTATGCAAATNTNNN	ACTTATTTGCAAACAGCAA
M0016		0.86562				
2	V\$OCT1_06	5	3608	(+)	CWNAWTKWSATRYN	CTTATTTGCAAACA
M0019		0.89110				
5	V\$OCT1_Q6	3	3608	(-)	NNNNATGCAAATNAN	CTTATTTGCAAACAG
M0016		0.82890				
2	V\$OCT1_06	6	3667	(-)	CWNAWTKWSATRYN	AGACTGTAAAATTT
M0013		0.77937				
6	V\$OCT1_02	2	3701	(+)	NNGAATATKCANNNN	TTCATAATTCACCTTA
M0013		0.80363			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	3707	(+)	WNNW	ATCACTTATTATTAATTTAGA
M0013		0.88779				
7	V\$OCT1_03	1	3710	(-)	NNNRATNANNN	CACCTATTATTA
M0016						
2	V\$OCT1_06	0.85	3714	(+)	CWNAWTKWSATRYN	TATTATTAATTTA
M0016		0.87890				
2	V\$OCT1_06	6	3715	(-)	CWNAWTKWSATRYN	ATTATTAATTTAG
M0016		0.86054				
2	V\$OCT1_06	7	3732	(-)	CWNAWTKWSATRYN	TGCTTTTAAGTTAG
M0016		0.83398				
2	V\$OCT1_06	4	3744	(-)	CWNAWTKWSATRYN	AGTATCTCCTAAAT
M0013		0.81639			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	3759	(+)	WNNW	ATTCTATGAGGTAAATTAGTGGA
M0016		0.82109				
2	V\$OCT1_06	4	3786	(-)	CWNAWTKWSATRYN	AACTTTTAAAAAAT
M0013		0.80656			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	3792	(-)	WNNW	TAAAAAATTTGAACGACTATGA
M0016		0.91406				
2	V\$OCT1_06	2	3807	(+)	CWNAWTKWSATRYN	GACTATGACATTCA
M0016		0.86054				
2	V\$OCT1_06	7	3808	(-)	CWNAWTKWSATRYN	ACTATGACATTCAC
M0013		0.73120				
5	V\$OCT1_01	9	3811	(-)	NNNNWTATGCAAATNTNNN	ATGACATTCACATTTATTT
M0016		0.85546				
2	V\$OCT1_06	9	3813	(+)	CWNAWTKWSATRYN	GACATTCACATTTA
M0019		0.79721				
5	V\$OCT1_Q6	6	3813	(-)	NNNNATGCAAATNAN	GACATTCACATTTAT
M0016		0.82929				
2	V\$OCT1_06	7	3819	(-)	CWNAWTKWSATRYN	CACATTTATTTCT
M0013		0.79548			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	3823	(-)	WNNW	TTTATTTCTTTCATTTATTCTT
M0016		0.83437				
2	V\$OCT1_06	5	3827	(+)	CWNAWTKWSATRYN	TTTTCTTTCATTTA
M0016		0.80859				
2	V\$OCT1_06	4	3841	(+)	CWNAWTKWSATRYN	TTCTTTGAAATTTG
M0016		0.86054				
2	V\$OCT1_06	7	3846	(+)	CWNAWTKWSATRYN	TGAAATTTGATTTT
M0016		0.81367				
2	V\$OCT1_06	2	3847	(+)	CWNAWTKWSATRYN	GAAATTTGATTTTA
M0016		0.84218				
2	V\$OCT1_06	7	3941	(+)	CWNAWTKWSATRYN	CTGCCTGACCTGCA
M0016		0.86562				
2	V\$OCT1_06	5	3962	(+)	CWNAWTKWSATRYN	CTTACTGAGTTACT
M0016		0.90898				
2	V\$OCT1_06	4	4047	(-)	CWNAWTKWSATRYN	TAAATCAAAGGAAG
M0016		0.86054				
2	V\$OCT1_06	7	4059	(-)	CWNAWTKWSATRYN	AGAATCAAAGTTTA
M0016		0.80039				
2	V\$OCT1_06	1	4067	(+)	CWNAWTKWSATRYN	AGTTTATAGATTTT
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.79632	4073	(-)	WNNW	TAGATTTTTTACCATTCAATCTT

M0013		0.82434			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	4087	(-)	WNNW	TTCAATCTTATGAATGATCAAAA
M0013		0.78377			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	4088	(+)	WNNW	TCAATCTTATGAATGATCAAAAT
M0013		0.78505				
6	V\$OCT1_02	7	4093	(-)	NNGAATATKCANNNN	CTTATGAATGATCAA
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.7821	4095	(+)	WNNW	TATGAATGATCAAAATGATACAA
M0013		0.85487			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	4104	(+)	WNNW	TCAAAATGATACAAATTGAAAAA
M0013		0.74933				
5	V\$OCT1_01	2	4106	(+)	NNNNWTATGCAAATNTNNN	AAAATGATACAAATTGAAA
M0016		0.84218				
2	V\$OCT1_06	7	4121	(+)	CWNAWTKWSATRYN	GAAAAAGTAATGTG
M0013		0.86566				
7	V\$OCT1_03	6	4124	(+)	NNNRATAATNANNN	AAAGTAATGTGAA
M0016		0.83945				
2	V\$OCT1_06	3	4126	(+)	CWNAWTKWSATRYN	AGTAATGTGAAACA
M0013						
6	V\$OCT1_02	0.85896	4166	(+)	NNGAATATKCANNNN	AACTATATTCAATAT
M0016		0.84765				
2	V\$OCT1_06	6	4168	(+)	CWNAWTKWSATRYN	CTATATTCAATATC
M0016		0.87773				
2	V\$OCT1_06	4	4169	(-)	CWNAWTKWSATRYN	TATATTCAATATCT
M0013		0.78377			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	4189	(+)	WNNW	AACCTATAATGAAAAAGAATATG
M0013		0.90201				
7	V\$OCT1_03	5	4191	(+)	NNNRATAATNANNN	CCTATAATGAAAA
M0013		0.80725				
6	V\$OCT1_02	5	4200	(-)	NNGAATATKCANNNN	AAAAAGAATATGAAA
M0013		0.78293			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	4200	(-)	WNNW	AAAAAGAATATGAAAACGAATAC
M0013		0.84755			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	4201	(+)	WNNW	AAAAGAATATGAAAACGAATACA
M0013		0.83784				
6	V\$OCT1_02	5	4203	(+)	NNGAATATKCANNNN	AAGAATATGAAAACG
M0013		0.85319			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	4215	(+)	WNNW	ACGAATACATGTATATATATGCA
M0016		0.81953				
2	V\$OCT1_06	1	4220	(-)	CWNAWTKWSATRYN	TACATGTATATATA
M0013		0.88937			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	4224	(-)	WNNW	TGTATATATATGCATGACTGAAA
M0013		0.76802				
5	V\$OCT1_01	7	4226	(-)	NNNNWTATGCAAATNTNNN	TATATATATGCATGACTGA
M0013		0.74112				
5	V\$OCT1_01	9	4227	(+)	NNNNWTATGCAAATNTNNN	ATATATATGCATGACTGAA
M0013		0.84542				
6	V\$OCT1_02	5	4227	(+)	NNGAATATKCANNNN	ATATATATGCATGAC
M0016		0.82148				
2	V\$OCT1_06	4	4230	(-)	CWNAWTKWSATRYN	TATATGCATGACTG
M0016		0.82109				
2	V\$OCT1_06	4	4234	(-)	CWNAWTKWSATRYN	TGCATGACTGAAAC
M0016		0.81367				
2	V\$OCT1_06	2	4237	(+)	CWNAWTKWSATRYN	ATGACTGAAACATT
M0013		0.84788				
7	V\$OCT1_03	6	4243	(-)	NNNRATAATNANNN	GAAACATTATGCT
M0013		0.78316				
6	V\$OCT1_02	2	4245	(+)	NNGAATATKCANNNN	AACATTATGCTGTAC
M0016		0.81914				
2	V\$OCT1_06	1	4286	(+)	CWNAWTKWSATRYN	CTGACTGTATTTC
M0013		0.82601			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	4287	(-)	WNNW	TGACTGTATTTC
M0016		0.83437				
2	V\$OCT1_06	5	4290	(+)	CWNAWTKWSATRYN	CTGTATTTC
M0016						
2	V\$OCT1_06	0.88125	4291	(-)	CWNAWTKWSATRYN	TGTATTTC

M0024		0.84227				
8	V\$OCT1_07	3	4291	(+)	TNTATGNTAATT	TGTATTTCAATT
M0013					NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	0.82706	4292	(+)	WNNW	GTATTTCAATTTAAAAAAGAAA
M0013		0.78398			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	2	4293	(-)	WNNW	TATTTCAATTTAAAAAAGAAAA
M0016		0.80585				
2	V\$OCT1_06	9	4298	(-)	CWNAWTKWSATRYN	CAATTTAAAAAAG
M0024		0.80771				
8	V\$OCT1_07	7	4299	(-)	TNTATGNTAATT	AATTTAAAAAAG
M0016		0.83945				
2	V\$OCT1_06	3	4306	(-)	CWNAWTKWSATRYN	AAAAAGAAAAAAG
M0016		0.82109				
2	V\$OCT1_06	4	4314	(-)	CWNAWTKWSATRYN	AAAAAGAAATAAAT
M0016		0.83437				
2	V\$OCT1_06	5	4318	(-)	CWNAWTKWSATRYN	AGAAATAAATTATT
M0016						
2	V\$OCT1_06	0.90625	4325	(+)	CWNAWTKWSATRYN	AATTATTAATTTCT
M0016		0.84765				
2	V\$OCT1_06	6	4326	(-)	CWNAWTKWSATRYN	ATTATTAATTTCTT
M0013		0.83939			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	8	4329	(+)	WNNW	ATTAAATTTCTTCAAAAAAAAAA
M0016		0.82695				
2	V\$OCT1_06	3	4352	(+)	CWNAWTKWSATRYN	AGCAATGTGATAGC
M0013		0.75028				
5	V\$OCT1_01	6	4369	(+)	NNNNWTATGCAAATNTNNN	TTTTATGTGCTAAATGTAT
M0024		0.79923				
8	V\$OCT1_07	7	4372	(+)	TNTATGNTAATT	TATGTGCTAAAT
M0016		0.80585				
2	V\$OCT1_06	9	4398	(-)	CWNAWTKWSATRYN	CAAAATAAAAAATAG
M0024		0.81725				
8	V\$OCT1_07	7	4401	(-)	TNTATGNTAATT	AATAAAAAATAGT
M0013		0.73864				
5	V\$OCT1_01	9	4408	(+)	NNNNWTATGCAAATNTNNN	ATAGTTAAGATAATATTTA
M0013		0.78063			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	6	4412	(+)	WNNW	TTAAGATAATATTTATTACTAGC
M0013		0.81537				
6	V\$OCT1_02	6	4416	(+)	NNGAATATKCANNNN	GATAATATTTATTAC
M0013		0.84828				
7	V\$OCT1_03	1	4418	(-)	NNNRTAATNANNN	TAATATTTATTAC
M0013		0.89253				
7	V\$OCT1_03	3	4421	(-)	NNNRTAATNANNN	TATTTATTACTAG
M0013		0.87080				
7	V\$OCT1_03	2	4430	(+)	NNNRTAATNANNN	CTAGCAATTATGA
M0013		0.87435				
7	V\$OCT1_03	8	4431	(-)	NNNRTAATNANNN	TAGCAATTATGAG
M0016		0.86289				
2	V\$OCT1_06	1	4435	(+)	CWNAWTKWSATRYN	AATTATGAGATGAA
M0019		0.79530				
5	V\$OCT1_Q6	6	4444	(-)	NNNNATGCAAATNAN	ATGAACTGCATAATC
M0013		0.85787				
6	V\$OCT1_02	8	4446	(-)	NNGAATATKCANNNN	GAAGCTGCATAATCCA
M0016		0.84765				
2	V\$OCT1_06	6	4488	(+)	CWNAWTKWSATRYN	CAACTTTTCATTAC
M0013		0.90596				
7	V\$OCT1_03	6	4492	(-)	NNNRTAATNANNN	TTTTATTACAGC
M0019		0.80895				
5	V\$OCT1_Q6	2	4573	(+)	NNNNATGCAAATNAN	ATCAATGAAAACTAT
M0013		0.73368				
5	V\$OCT1_01	9	4598	(+)	NNNNWTATGCAAATNTNNN	ACTGATATCCAGATGTTAT
M0016		0.81367				
2	V\$OCT1_06	2	4601	(-)	CWNAWTKWSATRYN	GATATCCAGATGTT
M0013		0.78774			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	6	4606	(-)	WNNW	CCAGATGTTATGCATCCCTCTAT
M0013		0.79074				
6	V\$OCT1_02	2	4609	(+)	NNGAATATKCANNNN	GATGTTATGCATCCC

M0013		0.78941			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	4620	(-)	WNNW	TCCCTCTATATACAATAAAATAT
M0016		0.84726				
2	V\$OCT1_06	6	4630	(-)	CWNAWTKWSATRYN	TACAATAAAATATT
M0013		0.85460				
7	V\$OCT1_03	3	4665	(+)	NNNRTAATNANNN	TTAGCAATAACGA
M0016		0.82929				
2	V\$OCT1_06	7	4681	(-)	CWNAWTKWSATRYN	AACATTTTCAGGACA
M0013		0.89727				
7	V\$OCT1_03	4	4691	(+)	NNNRTAATNANNN	GACATAATCATTG
M0013		0.78858			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	4703	(+)	WNNW	GATCATTTATTTTAACTATAA
M0016		0.80820				
2	V\$OCT1_06	3	4703	(+)	CWNAWTKWSATRYN	GATCATTTATTTTT
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.7821	4705	(-)	WNNW	TCATTTATTTTAACTATAAAT
M0013		0.79652			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	4713	(-)	WNNW	TTTTAACTATAAATGTGTAAGT
M0016		0.81601				
2	V\$OCT1_06	6	4717	(+)	CWNAWTKWSATRYN	AAACTATAAATGTG
M0013		0.76440				
5	V\$OCT1_01	3	4722	(+)	NNNNWTATGCAAATNTNNN	ATAAATGTGTAAGTATGAA
M0016						
2	V\$OCT1_06	0.88125	4725	(-)	CWNAWTKWSATRYN	AATGTGTAAGTATG
M0013		0.84546			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	4728	(+)	WNNW	GTGTAAGTATGAAAATATGAGA
M0013		0.73826				
5	V\$OCT1_01	8	4730	(+)	NNNNWTATGCAAATNTNNN	GTAAGTATGAAAATATGA
M0019		0.82751				
5	V\$OCT1_Q6	1	4732	(+)	NNNNATGCAAATNAN	AAGTATGAAAATAT
M0016		0.88859				
1	V\$OCT1_05	4	4733	(-)	MKNATTGTCATAYY	AGTATGAAAATAT
M0016		0.86015				
2	V\$OCT1_06	6	4733	(-)	CWNAWTKWSATRYN	AGTATGAAAATAT
M0016		0.84218				
2	V\$OCT1_06	7	4741	(+)	CWNAWTKWSATRYN	AACTATGAGATAAT
M0016		0.80429				
2	V\$OCT1_06	7	4742	(-)	CWNAWTKWSATRYN	ACTATGAGATAATG
M0013		0.85089			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	4745	(+)	WNNW	ATGAGATAATGAAAAAATAATAT
M0013		0.91110				
7	V\$OCT1_03	2	4747	(+)	NNNRTAATNANNN	GAGATAATGAAAA
M0013		0.81346			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	4774	(+)	WNNW	TCATGTTTCTGAAAAAAAATAA
M0016		0.88906				
2	V\$OCT1_06	2	4789	(+)	CWNAWTKWSATRYN	AAAAATAAGATGCA
M0013		0.79723				
6	V\$OCT1_02	9	4792	(+)	NNGAATATKCANNNN	AATAAGATGCAGGAT
M0013		0.77422				
6	V\$OCT1_02	8	4807	(+)	NNGAATATKCANNNN	ACGAAAATGAATGTA
M0016		0.84765				
2	V\$OCT1_06	6	4808	(+)	CWNAWTKWSATRYN	CGAAAATGAATGTA
M0013		0.79757			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	4809	(+)	WNNW	GAAAATGAATGTATAGCAGTTGT
M0019		0.79093				
5	V\$OCT1_Q6	9	4813	(+)	NNNNATGCAAATNAN	ATGAATGTATAGCAG
M0016		0.83437				
2	V\$OCT1_06	5	4814	(-)	CWNAWTKWSATRYN	TGAATGTATAGCAG
M0016		0.82890				
2	V\$OCT1_06	6	4829	(-)	CWNAWTKWSATRYN	TGTACGTAATACAT
M0016		0.81210				
2	V\$OCT1_06	9	4838	(-)	CWNAWTKWSATRYN	TACATATAAGTTAA
M0013						
5	V\$OCT1_01	0.77108	4839	(+)	NNNNWTATGCAAATNTNNN	ACATATAAGTTAATATTAT
M0013		0.79987			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	4839	(+)	WNNW	ACATATAAGTTAATATTATATTA

M0024		0.79245				
8	V\$OCT1_07	3	4842	(+)	TNTATGNTAATT	TATAAGTTAATA
M0013		0.78586				
6	V\$OCT1_02	9	4844	(-)	NNGAATATKCANNNN	TAAGTTAATATTATA
M0013					NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	0.79632	4850	(+)	WNNW	AATATTATATTAAGATGTCTAGA
M0016		0.87890				
2	V\$OCT1_06	6	4850	(-)	CWNAWTKWSATRYN	AATATTATATTAAG
M0016		0.81210				
2	V\$OCT1_06	9	4855	(+)	CWNAWTKWSATRYN	TATATTAAGATGTC
M0016		0.82656				
2	V\$OCT1_06	2	4855	(-)	CWNAWTKWSATRYN	TATATTAAGATGTC
M0013					NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	0.79381	4865	(-)	WNNW	TGCTAGATTATCAGAATTTTG
M0013		0.73655				
5	V\$OCT1_01	1	4867	(-)	NNNNWTATGCAAATNTNNN	TCTAGATTATCAGAATTTT
M0013		0.87238				
7	V\$OCT1_03	2	4867	(-)	NNNRATAATNANNN	TCTAGATTATCAG
M0016		0.80820				
2	V\$OCT1_06	3	4880	(+)	CWNAWTKWSATRYN	AATTTTTGAGTGTA
M0013		0.73292				
5	V\$OCT1_01	6	4887	(+)	NNNNWTATGCAAATNTNNN	GAGTGTAGGCAAACCTTCT
M0013		0.80075				
6	V\$OCT1_02	8	4902	(-)	NNGAATATKCANNNN	TTCTACAATATTCAT
M0013		0.84797			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	2	4902	(-)	WNNW	TTCTACAATATTCATATTACTTT
M0013		0.81325			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	8	4903	(+)	WNNW	TCTACAATATTCATATTACTTTT
M0013		0.75600				
5	V\$OCT1_01	9	4904	(-)	NNNNWTATGCAAATNTNNN	CTACAATATTCATATTACT
M0013		0.75848				
5	V\$OCT1_01	9	4905	(+)	NNNNWTATGCAAATNTNNN	TACAATATTCATATTACTT
M0013		0.90660				
6	V\$OCT1_02	5	4905	(+)	NNGAATATKCANNNN	TACAATATTCATATT
M0013		0.81727				
6	V\$OCT1_02	1	4908	(-)	NNGAATATKCANNNN	AATATTCATATTACT
M0013		0.78690			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	9	4908	(-)	WNNW	AATATTCATATTACTTTTTAAAT
M0016						
2	V\$OCT1_06	0.81875	4908	(-)	CWNAWTKWSATRYN	AATATTCATATTAC
M0024		0.79520				
8	V\$OCT1_07	9	4908	(+)	TNTATGNTAATT	AATATTCATATT
M0013		0.79882			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	9	4916	(-)	WNNW	TATTACTTTTTAAATTTTAAACA
M0016		0.82148				
2	V\$OCT1_06	4	4920	(+)	CWNAWTKWSATRYN	ACTTTTTAAATTTT
M0024		0.79330				
8	V\$OCT1_07	1	4920	(+)	TNTATGNTAATT	ACTTTTTAAATT
M0013					NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	0.80092	4921	(+)	WNNW	CTTTTTAAATTTTAAACAAATGA
M0013		0.80133			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	8	4923	(-)	WNNW	TTTTAAATTTTAAACAAATGATT
M0016		0.80820				
2	V\$OCT1_06	3	4943	(+)	CWNAWTKWSATRYN	ATTTAATAAATTTA
M0013		0.79318			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	3	4944	(+)	WNNW	TTTAATAAATTTAGAGAAAAACA
M0013		0.79715			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	6	4945	(-)	WNNW	TTAATAAATTTAGAGAAAAACAA
M0016		0.83476				
2	V\$OCT1_06	6	4988	(-)	CWNAWTKWSATRYN	TGAATTCTATTATT
M0013		0.81723			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	1	4995	(-)	WNNW	TATTATTTTTTCAAATTTCTAT
M0013		0.80782			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	1	4996	(+)	WNNW	ATTATTTTTTCAAATTTCTATA
M0013		0.75562				
5	V\$OCT1_01	8	4998	(+)	NNNNWTATGCAAATNTNNN	TATTTTTTCAAATTTCTA

M0016		0.82617				
2	V\$OCT1_06	2	4999	(+)	CWNAWTKWSATRYN	ATTTTTTCAAATT
M0024		0.81450				
8	V\$OCT1_07	1	5001	(+)	TNTATGNTAATT	TTTTTCAAATT
M0013		0.82517			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	8	5003	(-)	WNNW	TTTCAAATTTCTATACCTACAA
M0013		0.77890				
5	V\$OCT1_01	1	5005	(-)	NNNNWTATGCAAATNTNNN	TTCAAATTTCTATACCTAC
M0016		0.81757				
2	V\$OCT1_06	8	5007	(+)	CWNAWTKWSATRYN	CAAATTTCTATACC
M0016		0.80078				
2	V\$OCT1_06	1	5007	(-)	CWNAWTKWSATRYN	CAAATTTCTATACC
M0024		0.84206				
8	V\$OCT1_07	1	5009	(-)	TNTATGNTAATT	AATTTCTATACC
M0013		0.78857				
6	V\$OCT1_02	6	5021	(+)	NNGAATATKCANNNN	TACAACATTCAAAAAG
M0016		0.80859				
2	V\$OCT1_06	4	5024	(-)	CWNAWTKWSATRYN	AACATTCAAAAAGGT
M0016		0.80859				
2	V\$OCT1_06	4	5043	(+)	CWNAWTKWSATRYN	GAGTCTTTTATATC
M0016		0.88281				
2	V\$OCT1_06	2	5051	(-)	CWNAWTKWSATRYN	TATATCCAAGGAAT
M0013		0.84109				
6	V\$OCT1_02	4	5059	(+)	NNGAATATKCANNNN	AGGAATATGTGTGCA
M0019		0.80103				
5	V\$OCT1_Q6	7	5065	(+)	NNNNATGCAAATNAN	ATGTGTGCAATGTCC
M0016		0.80820				
2	V\$OCT1_06	3	5066	(-)	CWNAWTKWSATRYN	TGTGTGCAATGTCC
M0016		0.86093				
2	V\$OCT1_06	7	5086	(+)	CWNAWTKWSATRYN	CGAACTGCCATTTT
M0013		0.75467				
5	V\$OCT1_01	4	5092	(-)	NNNNWTATGCAAATNTNNN	GCCATTTTAAAATATTTAA
M0016		0.86054				
2	V\$OCT1_06	7	5094	(+)	CWNAWTKWSATRYN	CATTTTAAAATATT
M0016		0.82656				
2	V\$OCT1_06	2	5094	(-)	CWNAWTKWSATRYN	CATTTTAAAATATT
M0013		0.80029			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	3	5096	(-)	WNNW	TTTTAAAATATTTAAAATTATGA
M0013		0.80614			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	8	5097	(+)	WNNW	TTTAAAATATTTAAAATTATGAC
M0013		0.76325				
5	V\$OCT1_01	8	5099	(+)	NNNNWTATGCAAATNTNNN	TAAAATATTTAAAATTATG
M0013		0.79263				
6	V\$OCT1_02	7	5099	(+)	NNGAATATKCANNNN	TAAAATATTTAAAAT
M0016		0.82109				
2	V\$OCT1_06	4	5101	(+)	CWNAWTKWSATRYN	AAATATTTAAAATT
M0016		0.83437				
2	V\$OCT1_06	5	5102	(+)	CWNAWTKWSATRYN	AATATTTAAAATTA
M0016		0.85507				
2	V\$OCT1_06	8	5102	(-)	CWNAWTKWSATRYN	AATATTTAAAATTA
M0016		0.81718				
2	V\$OCT1_06	7	5104	(-)	CWNAWTKWSATRYN	TATTTAAAATTATG
M0013		0.88660				
7	V\$OCT1_03	6	5107	(-)	NNNRTAATNANNN	TTAAAATTATGAC
M0016		0.82656				
2	V\$OCT1_06	2	5150	(-)	CWNAWTKWSATRYN	AGTTTTAAAGTTTT
M0013		0.84065			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	2	5153	(-)	WNNW	TTTAAAGTTTTATATATACATGC
M0013		0.73693				
5	V\$OCT1_01	2	5155	(-)	NNNNWTATGCAAATNTNNN	TAAAGTTTATATATACAT
M0016		0.84218				
2	V\$OCT1_06	7	5157	(+)	CWNAWTKWSATRYN	AAGTTTATATATA
M0013		0.80426			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	6	5159	(-)	WNNW	GTTTATATATACATGCCTATGG
M0016		0.80664				
2	V\$OCT1_06	1	5163	(+)	CWNAWTKWSATRYN	TATATATACATGCC

M0013		0.81723			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	5164	(+)	WNNW	ATATATACATGCCTATGGAAATT
M0013		0.82078			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	5170	(+)	WNNW	ACATGCCTATGGAAATTACTTTC
M0013		0.81323				
5	V\$OCT1_01	9	5172	(+)	NNNNWTATGCAAATNTNNN	ATGCCTATGGAAATTACTT
M0019		0.86244				
5	V\$OCT1_Q6	5	5174	(+)	NNNNATGCAAATNAN	GCCTATGGAAATTAC
M0016		0.86667				
1	V\$OCT1_05	8	5175	(-)	MKNATTTGCATAYY	CCTATGGAAATTAC
M0024		0.92728				
8	V\$OCT1_07	4	5175	(+)	TNTATGNTAATT	CCTATGGAAATT
M0016		0.84218				
2	V\$OCT1_06	7	5180	(+)	CWNAWTKWSATRYN	GGAAATTACTTTCT
M0016		0.80859				
2	V\$OCT1_06	4	5181	(-)	CWNAWTKWSATRYN	GAAATTACTTTCTC
M0013		0.88739				
7	V\$OCT1_03	6	5203	(+)	NNNRATAATNANNN	CTCATAATGTGTG
M0024		0.79351				
8	V\$OCT1_07	3	5227	(-)	TNTATGNTAATT	AATTAAGAAAAA
M0024		0.79626				
8	V\$OCT1_07	9	5236	(-)	TNTATGNTAATT	AAATACTATAAA
M0013		0.78690			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	5245	(+)	WNNW	AAAAACAAATGAAAGTTGATTTT
M0013		0.79192			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	5257	(-)	WNNW	AAGTTGATTTTTAAAAAGCATAA
M0013		0.82287			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	5263	(-)	WNNW	ATTTTTAAAAAGCATAATTATAA
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.79862	5264	(+)	WNNW	TTTTTAAAAAGCATAATTATAAA
M0013		0.73502				
5	V\$OCT1_01	5	5265	(-)	NNNNWTATGCAAATNTNNN	TTTTAAAAAGCATAATTAT
M0013		0.81889				
6	V\$OCT1_02	6	5269	(-)	NNGAATATKCANNNN	AAAAAGCATAATTAT
M0013		0.92414				
7	V\$OCT1_03	1	5273	(+)	NNNRATAATNANNN	AGCATAATTATAA
M0013		0.89806				
7	V\$OCT1_03	4	5274	(-)	NNNRATAATNANNN	GCATAATTATAAA
M0013		0.79318			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	5282	(-)	WNNW	ATAAAACATTTATATATCGATGT
M0013		0.78786				
5	V\$OCT1_01	7	5284	(-)	NNNNWTATGCAAATNTNNN	AAAACATTTATATATCGAT
M0016		0.85546				
2	V\$OCT1_06	9	5286	(+)	CWNAWTKWSATRYN	AACATTTATATATC
M0016		0.85507				
2	V\$OCT1_06	8	5286	(-)	CWNAWTKWSATRYN	AACATTTATATATC
M0016		0.80039				
2	V\$OCT1_06	1	5333	(-)	CWNAWTKWSATRYN	AAAACCTCAAAAAAT
M0013		0.78018				
6	V\$OCT1_02	4	5366	(+)	NNGAATATKCANNNN	AAATATATTCTCAAT
M0013		0.78126			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	5386	(-)	WNNW	TCTTATTTTAAACAATATAGATT
M0013		0.83513				
6	V\$OCT1_02	8	5415	(-)	NNGAATATKCANNNN	AAACTGAATATAAGT
M0016		0.84765				
2	V\$OCT1_06	6	5419	(-)	CWNAWTKWSATRYN	TGAATATAAGTTAT
M0013		0.81221			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	5422	(-)	WNNW	ATATAAGTTATTCATATTTTCA
M0013		0.85633			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	5423	(+)	WNNW	TATAAGTTATTCATATTTTCAT
M0013		0.74914				
5	V\$OCT1_01	2	5425	(+)	NNNNWTATGCAAATNTNNN	TAAGTTATTCATATTTTTC
M0013						
6	V\$OCT1_02	0.78262	5425	(+)	NNGAATATKCANNNN	TAAGTTATTCATATT
M0016		0.82109				
2	V\$OCT1_06	4	5426	(+)	CWNAWTKWSATRYN	AAGTTATTCATATT

M0013		0.78478				
6	V\$OCT1_02	6	5428	(-)	NNGAATATKCANNNN	GTTATTCATATTTTT
M0019						
5	V\$OCT1_Q6	0.82833	5428	(-)	NNNNATGCAAATNAN	GTTATTCATATTTTT
M0013		0.81451			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	3	5431	(-)	WNNW	ATTCATATTTTTTCATTTAAGCAA
M0016		0.90351				
2	V\$OCT1_06	6	5435	(+)	CWNAWTKWSATRYN	ATATTTTTTCATTTA
M0013		0.81974			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	1	5440	(+)	WNNW	TTTCATTTAAGCAAATATCACGT
M0013		0.85558				
5	V\$OCT1_01	9	5442	(+)	NNNNWTATGCAAATNTNNN	TCATTTAAGCAAATATCAC
M0016		0.82617				
2	V\$OCT1_06	2	5453	(-)	CWNAWTKWSATRYN	AATATCACGTGTAT
M0013		0.78335			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	4	5498	(-)	WNNW	TCTTCAACCTTGAATTTTCTCC
M0016		0.89101				
2	V\$OCT1_06	6	5502	(+)	CWNAWTKWSATRYN	CAACCTTGAATTTT
M0013		0.82214				
6	V\$OCT1_02	4	5504	(-)	NNGAATATKCANNNN	ACCTTGAATTTTTCT
M0013						
7	V\$OCT1_03	0.86132	5522	(+)	NNNRTAATNANNN	TAGACAATGATTT
M0013		0.88897				
7	V\$OCT1_03	7	5557	(-)	NNNRTAATNANNN	AGTTCATTATTAC
M0013		0.91347				
7	V\$OCT1_03	3	5560	(-)	NNNRTAATNANNN	TCATTATTACTAT
M0013		0.77125				
6	V\$OCT1_02	1	5565	(+)	NNGAATATKCANNNN	ATTACTATTTAGTTA
M0024		0.80072				
8	V\$OCT1_07	1	5630	(+)	TNTATGNTAATT	ACCATGGAAAAT
M0013		0.80346				
6	V\$OCT1_02	5	5634	(+)	NNGAATATKCANNNN	TGGAAAATGCTTTAT
M0013		0.85499				
7	V\$OCT1_03	8	5644	(+)	NNNRTAATNANNN	TTTATAATATTTT
M0013		0.81221			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	2	5646	(-)	WNNW	TATAATATTTTACAATACTAAAA
M0013		0.78628			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	2	5647	(-)	WNNW	ATAATATTTTACAATACTAAAAAT
M0016						
2	V\$OCT1_06	0.81875	5651	(-)	CWNAWTKWSATRYN	TATTTTACAATACT
M0013		0.80949			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	4	5652	(+)	WNNW	ATTTTACAATACTAAAATAAAAA
M0013		0.80761			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	2	5654	(+)	WNNW	TTTACAATACTAAAATAAAAAACA
M0016		0.81367				
2	V\$OCT1_06	2	5690	(+)	CWNAWTKWSATRYN	TTGTCTTTAATATA
M0016		0.82656				
2	V\$OCT1_06	2	5698	(-)	CWNAWTKWSATRYN	AATATAAAAAGGTAT
M0016		0.82109				
2	V\$OCT1_06	4	5728	(-)	CWNAWTKWSATRYN	AAAATCTAGAATTC
M0013		0.79694			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	7	5743	(-)	WNNW	TGCTTTTTTTTAACTTTTGTTTT
M0016		0.80039				
2	V\$OCT1_06	1	5754	(+)	CWNAWTKWSATRYN	AACCTTGTGTTTCT
M0013		0.90952				
7	V\$OCT1_03	2	5764	(-)	NNNRTAATNANNN	TTCTTATTACTTC
M0013		0.78251			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	8	5872	(-)	WNNW	AAGTTTATTCTGCAAAGTTTAAT
M0013		0.79401			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	9	5873	(+)	WNNW	AGTTTATTCTGCAAAGTTTAATG
M0013		0.80045				
5	V\$OCT1_01	8	5875	(+)	NNNNWTATGCAAATNTNNN	TTTATTCTGCAAAGTTTAA
M0016		0.81757				
2	V\$OCT1_06	8	5884	(+)	CWNAWTKWSATRYN	CAAAGTTTAATGAT
M0013		0.87514				
7	V\$OCT1_03	8	5887	(+)	NNNRTAATNANNN	AGTTTAATGATAT

M0013		0.79652			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	5890	(+)	WNNW	TTAATGATATTAAATGCCTTTT
M0016		0.85721				
1	V\$OCT1_05	4	5895	(-)	MKNATTTGCATAYY	GATATTAAATGCC
M0016		0.85546				
2	V\$OCT1_06	9	5895	(+)	CWNAWTKWSATRYN	GATATTAAATGCC
M0016		0.88320				
2	V\$OCT1_06	3	5895	(-)	CWNAWTKWSATRYN	GATATTAAATGCC
M0013		0.81618				
6	V\$OCT1_02	8	5898	(+)	NNGAATATKCANNNN	ATTAATTAATGCCTTTT
M0016		0.83437				
2	V\$OCT1_06	5	5917	(-)	CWNAWTKWSATRYN	AAAAACTAAGTATT
M0016		0.82148				
2	V\$OCT1_06	4	5925	(-)	CWNAWTKWSATRYN	AGTATTTAAACCCC
M0016		0.84218				
2	V\$OCT1_06	7	5944	(-)	CWNAWTKWSATRYN	ATAATCTAATAATC
M0013		0.79569			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	5948	(-)	WNNW	TCTAATAATCTGTGTAAGTCA
M0013		0.84828				
7	V\$OCT1_03	1	5949	(+)	NNNRATAATNANNN	CTAATAATCTGTG
M0016		0.82109				
2	V\$OCT1_06	4	5984	(+)	CWNAWTKWSATRYN	AATCATGTGAATTA
M0019		0.80567				
5	V\$OCT1_Q6	7	5984	(+)	NNNNATGCAAATNAN	AATCATGTGAATTAA
M0024		0.82276				
8	V\$OCT1_07	9	5985	(+)	TNTATGNTAATT	ATCATGTGAATT
M0016		0.82148				
2	V\$OCT1_06	4	5995	(-)	CWNAWTKWSATRYN	TTAATCTCAAAGTT
M0016						
2	V\$OCT1_06	0.81875	5997	(-)	CWNAWTKWSATRYN	AATCTCAAAGTTCT
M0013		0.84393				
7	V\$OCT1_03	5	6070	(+)	NNNRATAATNANNN	TTAGCAATAAGAG
M0016		0.86054				
2	V\$OCT1_06	7	6093	(+)	CWNAWTKWSATRYN	CAGAATTTAGTACT
M0016		0.82929				
2	V\$OCT1_06	7	6094	(-)	CWNAWTKWSATRYN	AGAATTTAGTACTG
M0013		0.79569			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	6097	(+)	WNNW	ATTTAGTACTGGAAAAAATGAA
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.80092	6107	(+)	WNNW	GGAAAAAATGAAAACAAAAGTA
M0019						
5	V\$OCT1_Q6	0.79476	6111	(+)	NNNNATGCAAATNAN	AAAAATGAAAACAAA
M0016		0.81601				
2	V\$OCT1_06	6	6122	(-)	CWNAWTKWSATRYN	CAAAAGTAAAGTTT
M0016		0.80429				
2	V\$OCT1_06	7	6128	(+)	CWNAWTKWSATRYN	TAAAGTTTAATACT
M0016		0.80312				
2	V\$OCT1_06	5	6129	(-)	CWNAWTKWSATRYN	AAAGTTTAATACTT
M0016		0.82656				
2	V\$OCT1_06	2	6177	(+)	CWNAWTKWSATRYN	CATCTCTGAATACT
M0013		0.81375				
6	V\$OCT1_02	2	6179	(-)	NNGAATATKCANNNN	TCTCTGAATACTTCT
M0016		0.83945				
2	V\$OCT1_06	3	6186	(+)	CWNAWTKWSATRYN	ATACTTCTCATACA
M0019		0.81850				
5	V\$OCT1_Q6	4	6186	(-)	NNNNATGCAAATNAN	ATACTTCTCATACAC
M0016		0.82890				
2	V\$OCT1_06	6	6187	(-)	CWNAWTKWSATRYN	TACTTCTCATACAC
M0013		0.73407				
5	V\$OCT1_01	1	6200	(-)	NNNNWTATGCAAATNTNNN	CTTATATTTACTTTCTCCT
M0016		0.83437				
2	V\$OCT1_06	5	6202	(-)	CWNAWTKWSATRYN	TATATTTACTTTCT
M0016		0.80585				
2	V\$OCT1_06	9	6214	(+)	CWNAWTKWSATRYN	CTCCTTTTGTTC
M0013		0.80949			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	6231	(-)	WNNW	ACATTCTGTTTGAATGAATACAT

M0013		0.80238			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	6242	(+)	WNNW	GAATGAATACATAAAATATGTCTT
M0013		0.73292				
5	V\$OCT1_01	6	6244	(+)	NNNNWTATGCAAATNTNNN	ATGAATACATAAAATATGTC
M0016		0.82148				
2	V\$OCT1_06	4	6247	(+)	CWNAWTKWSATRYN	AATACATAAAATATG
M0016		0.81718				
2	V\$OCT1_06	7	6247	(-)	CWNAWTKWSATRYN	AATACATAAAATATG
M0013		0.78532				
6	V\$OCT1_02	8	6249	(-)	NNGAATATKCANNNN	TACATAAAATATGTCT
M0013		0.87909				
7	V\$OCT1_03	9	6249	(+)	NNNRTAATNANNN	TACATAAAATATGT
M0013		0.80489			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	6249	(-)	WNNW	TACATAAAATATGTCTTCTTTTAT
M0013		0.77883				
6	V\$OCT1_02	1	6252	(+)	NNGAATATKCANNNN	ATAAATATGTCTTCT
M0016		0.84765				
2	V\$OCT1_06	6	6279	(+)	CWNAWTKWSATRYN	AAAAGTGTAATTTT
M0016		0.86289				
2	V\$OCT1_06	1	6280	(-)	CWNAWTKWSATRYN	AAAGTGTAATTTT
M0013		0.84037				
7	V\$OCT1_03	9	6282	(+)	NNNRTAATNANNN	AGTGTAATTTTTA
M0016		0.83984				
2	V\$OCT1_06	4	6285	(+)	CWNAWTKWSATRYN	GTAATTTTTATTG
M0019		0.83542				
5	V\$OCT1_Q6	6	6285	(-)	NNNNATGCAAATNAN	GTAATTTTTATTGC
M0013		0.85675			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	6287	(-)	WNNW	AATTTTTATTGTCAGTGTAATTT
M0019		0.79148				
5	V\$OCT1_Q6	5	6291	(-)	NNNNATGCAAATNAN	TTTATTGTCAGTGTA
M0013		0.86566				
7	V\$OCT1_03	6	6300	(+)	NNNRTAATNANNN	AGTGTAATTTTGT
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.83898	6317	(+)	WNNW	TGTTTCTATTTATATGGAAAGA
M0013		0.78021			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	6318	(-)	WNNW	TGTTTCTATTTATATGGAAAGAC
M0013		0.85736				
7	V\$OCT1_03	9	6321	(-)	NNNRTAATNANNN	TTCTATTTATATG
M0013		0.79234			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	6322	(-)	WNNW	TCTATTTATATGGAAAGACCTAA
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.79381	6323	(+)	WNNW	CTATTTATATGGAAAGACCTAAT
M0013		0.79072				
5	V\$OCT1_01	9	6325	(+)	NNNNWTATGCAAATNTNNN	ATTTATATGGAAAGACCTA
M0019		0.80240				
5	V\$OCT1_Q6	2	6327	(+)	NNNNATGCAAATNAN	TTATATGGAAAGACC
M0016		0.83437				
2	V\$OCT1_06	5	6328	(-)	CWNAWTKWSATRYN	TATATGGAAAGACC
M0013		0.90715				
7	V\$OCT1_03	1	6338	(+)	NNNRTAATNANNN	GACCTAATGACAT
M0016		0.91523				
2	V\$OCT1_06	4	6340	(+)	CWNAWTKWSATRYN	CCTAATGACATATT
M0016		0.82929				
2	V\$OCT1_06	7	6341	(-)	CWNAWTKWSATRYN	CTAATGACATATTT
M0013		0.78018				
6	V\$OCT1_02	4	6342	(-)	NNGAATATKCANNNN	TAATGACATATTTTT
M0013		0.80280			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	6343	(+)	WNNW	AATGACATATTTTTATAATTGCA
M0013		0.81723			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	6344	(-)	WNNW	ATGACATATTTTTATAATTGCAC
M0013		0.76058				
5	V\$OCT1_01	8	6346	(-)	NNNNWTATGCAAATNTNNN	GACATATTTTTATAATTGC
M0016		0.82265				
2	V\$OCT1_06	6	6348	(+)	CWNAWTKWSATRYN	CATATTTTTATAAT
M0013		0.85420				
7	V\$OCT1_03	8	6349	(-)	NNNRTAATNANNN	ATATTTTTATAAT

M0013		0.85934				
7	V\$OCT1_03	4	6355	(-)	NNNRTAATNANNN	TTATAATTGCACA
M0013		0.90438				
7	V\$OCT1_03	6	6364	(+)	NNNRTAATNANNN	CACATAATCAATA
M0013		0.80907			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	6375	(+)	WNNW	TAGAATGGAGTCAAATAAAAAATA
M0013		0.79297			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	6387	(+)	WNNW	AAATAAAAAATAGAAAATTCCTT
M0024		0.83654				
8	V\$OCT1_07	9	6388	(-)	TNTATGNTAATT	AATAAAAAATAGA
M0013		0.80255				
5	V\$OCT1_01	6	6397	(-)	NNNNWTATGCAAATNTNNN	AGAAAATTCCTTACTGAT
M0016		0.82148				
2	V\$OCT1_06	4	6399	(-)	CWNAWTKWSATRYN	AAAATTCCTTACT
M0024		0.85478				
8	V\$OCT1_07	1	6401	(-)	TNTATGNTAATT	AATTCCTTACT
M0016		0.87382				
2	V\$OCT1_06	8	6407	(+)	CWNAWTKWSATRYN	CTTACTGATATTTA
M0013		0.78251			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	6410	(-)	WNNW	ACTGATATTTAACAGATAAAATT
M0016		0.80859				
2	V\$OCT1_06	4	6413	(-)	CWNAWTKWSATRYN	GATATTTAACAGAT
M0024		0.79245				
8	V\$OCT1_07	3	6416	(-)	TNTATGNTAATT	ATTTAACAGATA
M0016		0.81757				
2	V\$OCT1_06	8	6422	(-)	CWNAWTKWSATRYN	CAGATAAAATTAAG
M0013		0.80677			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	6437	(+)	WNNW	TGAAAAAAATCCAAAATATACAT
M0019		0.81086				
5	V\$OCT1_Q6	2	6441	(+)	NNNNATGCAAATNAN	AAAAATCCAAAATAT
M0016		0.88281				
2	V\$OCT1_06	2	6442	(-)	CWNAWTKWSATRYN	AAAATCCAAAATAT
M0013						
6	V\$OCT1_02	0.7902	6448	(+)	NNGAATATKCANNNN	CAAAATATACATCCA
M0016		0.86796				
2	V\$OCT1_06	9	6473	(-)	CWNAWTKWSATRYN	TACATCACTTTATT
M0013		0.80426			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	6479	(-)	WNNW	ACTTTATTTTCTATTCTGATAT
M0013		0.81095			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	6484	(+)	WNNW	ATTTTCTATTCTGATATAATTA
M0013						
7	V\$OCT1_03	0.92335	6497	(+)	NNNRTAATNANNN	GATATAATTAGGT
M0013		0.87988				
7	V\$OCT1_03	9	6498	(-)	NNNRTAATNANNN	ATATAATTAGGTT
M0016		0.83476				
2	V\$OCT1_06	6	6544	(+)	CWNAWTKWSATRYN	GTAAATAAAATTTG
M0013		0.78168			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	6546	(-)	WNNW	AAATAAAATTTGTAAACAATTAC
M0013		0.73349				
5	V\$OCT1_01	9	6548	(-)	NNNNWTATGCAAATNTNNN	ATAAAATTTGTAAACAATT
M0013		0.85736				
7	V\$OCT1_03	9	6554	(+)	NNNRTAATNANNN	TTTGTAAACAATT
M0013		0.87159				
7	V\$OCT1_03	2	6559	(-)	NNNRTAATNANNN	AAACAATTACAAA
M0016		0.86289				
2	V\$OCT1_06	1	6560	(+)	CWNAWTKWSATRYN	AACAATTACAAACA
M0013		0.83312			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	6576	(+)	WNNW	TGGTGAGAATACATATATATATA
M0013		0.80928			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	6578	(+)	WNNW	GTGAGAATACATATATATATACA
M0013					NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.7844	6580	(+)	WNNW	GAGAATACATATATATATACATA
M0013		0.84378			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	6581	(-)	WNNW	AGAATACATATATATATACATAT
M0013		0.84901			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	6582	(+)	WNNW	GAATACATATATATATACATATA

M0013		0.82162			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	6583	(-)	WNNW	AATACATATATATACATATAA
M0013		0.78837			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	6584	(+)	WNNW	ATACATATATATATACATATAAA
M0013		0.79694			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	6586	(+)	WNNW	ACATATATATATACATATAAATA
M0013		0.87641			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	6587	(-)	WNNW	CATATATATATACATATAAATAT
M0016		0.81718				
2	V\$OCT1_06	7	6587	(+)	CWNAWTKWSATRYN	CATATATATATACA
M0013		0.86093			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	6588	(+)	WNNW	ATATATATATACATATAAATATG
M0013		0.78309				
5	V\$OCT1_01	8	6589	(-)	NNNNWTATGCAAATNTNNN	TATATATATACATATAAAT
M0013		0.73273				
5	V\$OCT1_01	6	6590	(+)	NNNNWTATGCAAATNTNNN	ATATATATACATATAAATA
M0013		0.78356			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	6590	(+)	WNNW	ATATATATACATATAAATATGAA
M0016		0.81171				
2	V\$OCT1_06	9	6591	(+)	CWNAWTKWSATRYN	TATATATACATATA
M0013		0.84023			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	6592	(+)	WNNW	ATATATACATATAAATATGAAAA
M0013		0.79723				
6	V\$OCT1_02	9	6593	(-)	NNGAATATKCANNNN	TATATACATATAAAT
M0013		0.84190			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	7	6593	(-)	WNNW	TATATACATATAAATATGAAAAA
M0013		0.74742				
5	V\$OCT1_01	5	6594	(+)	NNNNWTATGCAAATNTNNN	ATATACATATAAATATGAA
M0013		0.84086			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	6594	(+)	WNNW	ATATACATATAAATATGAAAAAA
M0019		0.79885				
5	V\$OCT1_Q6	4	6596	(+)	NNNNATGCAAATNAN	ATACATATAAATATG
M0016		0.91523				
2	V\$OCT1_06	4	6597	(-)	CWNAWTKWSATRYN	TACATATAAATATG
M0013		0.85381				
7	V\$OCT1_03	3	6599	(+)	NNNRTAATNANNN	CATATAAATATGA
M0013		0.82350			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	6599	(-)	WNNW	CATATAAATATGAAAAAATATGT
M0013		0.89084			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	6600	(+)	WNNW	ATATAAATATGAAAAAATATGTA
M0013		0.82792				
5	V\$OCT1_01	8	6602	(+)	NNNNWTATGCAAATNTNNN	ATAAATATGAAAAAATATG
M0013		0.80969				
6	V\$OCT1_02	1	6602	(+)	NNGAATATKCANNNN	ATAAATATGAAAAAA
M0016		0.86796				
2	V\$OCT1_06	9	6605	(-)	CWNAWTKWSATRYN	AATATGAAAAAATA
M0013		0.78879			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	6609	(-)	WNNW	TGAAAAAATATGTACGTATTTTT
M0013		0.73273				
5	V\$OCT1_01	6	6612	(+)	NNNNWTATGCAAATNTNNN	AAAAATATGTACGTATTTTT
M0013		0.83730				
6	V\$OCT1_02	4	6612	(+)	NNGAATATKCANNNN	AAAAATATGTACGTA
M0016		0.85507				
2	V\$OCT1_06	8	6615	(-)	CWNAWTKWSATRYN	AATATGTACGTATT
M0016		0.82109				
2	V\$OCT1_06	4	6624	(+)	CWNAWTKWSATRYN	GTATTTTTCTGTG
M0013		0.80489			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	6644	(+)	WNNW	GTATGTTTGTGCAGAGTATGCCA
M0013		0.76535				
5	V\$OCT1_01	7	6655	(+)	NNNNWTATGCAAATNTNNN	CAGAGTATGCCAAAGCTCT
M0013		0.80292				
6	V\$OCT1_02	4	6655	(+)	NNGAATATKCANNNN	CAGAGTATGCCAAAG
M0016		0.87773				
2	V\$OCT1_06	4	6658	(-)	CWNAWTKWSATRYN	AGTATGCCAAAGCT
M0016		0.91171				
2	V\$OCT1_06	9	6672	(+)	CWNAWTKWSATRYN	CTCTATGAGATTG

M0016		0.81328				
2	V\$OCT1_06	1	6679	(+)	CWNAWTKWSATRYN	AGATTGTCTTATT
M0016		0.80156				
2	V\$OCT1_06	2	6687	(+)	CWNAWTKWSATRYN	CTTATTGTTGTACT
M0016		0.80585				
2	V\$OCT1_06	9	6696	(+)	CWNAWTKWSATRYN	GTACTTCTAATATG
M0013		0.78690			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	9	6698	(-)	WNNW	ACTTCTAATATGCAACATTACT
M0013		0.80866				
5	V\$OCT1_01	1	6701	(+)	NNNNWTATGCAAATNTNNN	TCTAATATGCAACATTTAC
M0013		0.87655				
6	V\$OCT1_02	7	6701	(+)	NNGAATATKCANNNN	TCTAATATGCAACAT
M0016		0.84218				
2	V\$OCT1_06	7	6704	(-)	CWNAWTKWSATRYN	AATATGCAACATTT
M0016		0.80820				
2	V\$OCT1_06	3	6733	(-)	CWNAWTKWSATRYN	TATGTGCCAAGCTC
M0019		0.82751				
5	V\$OCT1_Q6	1	6755	(-)	NNNNATGCAAATNAN	GTGGTTTACATTATG
M0016		0.80429				
2	V\$OCT1_06	7	6756	(-)	CWNAWTKWSATRYN	TGGTTTACATTATG
M0013		0.80384			NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	8	6758	(-)	WNNW	GTTTACATTATGAATTATCTTAC
M0013		0.88976				
7	V\$OCT1_03	7	6759	(-)	NNNR	TAAATNANNN
M0016		0.84218				
2	V\$OCT1_06	7	6763	(+)	CWNAWTKWSATRYN	CATTATGAATTATC
M0013		0.84271				
6	V\$OCT1_02	8	6764	(-)	NNGAATATKCANNNN	ATTATGAATTATCTT
M0013					NNNNNNN	WATGCAAATNNN
8	V\$OCT1_04	0.81284	6768	(-)	WNNW	TGAATTATCTTACCTAATTTTTT
M0022		0.81774				
3	V\$STAT_01	6	332	(+)	TTCCCRKAA	TTCTCTTA
M0022		0.72995			NNNSANTTCCGG-	
4	V\$STAT1_01	2	558	(+)	GAANTGNSN	GCTAACTTCTCAGAAAGATGA
M0022		0.93899				
3	V\$STAT_01	7	564	(+)	TTCCCRKAA	TTCTCAGAA
M0022		0.90244				
3	V\$STAT_01	5	564	(-)	TTCCCRKAA	TTCTCAGAA
M0022		0.79606				
3	V\$STAT_01	8	657	(+)	TTCCCRKAA	TTACGGTAT
M0022		0.83261				
3	V\$STAT_01	9	657	(-)	TTCCCRKAA	TTACGGTAT
M0022		0.80136				
3	V\$STAT_01	1	733	(+)	TTCCCRKAA	TTCCATCA
M0022		0.83488				
3	V\$STAT_01	8	800	(+)	TTCCCRKAA	TTATGCTAA
M0022		0.81925				
3	V\$STAT_01	9	800	(-)	TTCCCRKAA	TTATGCTAA
M0022		0.80589				
3	V\$STAT_01	9	1314	(+)	TTCCCRKAA	CTCTTGTA
M0022		0.79959				
3	V\$STAT_01	7	1454	(-)	TTCCCRKAA	TTCTAAAAA
M0022		0.85152				
3	V\$STAT_01	5	1682	(+)	TTCCCRKAA	TTCTGTTA
M0022		0.83261				
3	V\$STAT_01	9	1741	(-)	TTCCCRKAA	TTATAGGTA
M0022		0.81976				
3	V\$STAT_01	3	1828	(+)	TTCCCRKAA	TTCTCCAAA
M0022		0.93244				
3	V\$STAT_01	3	2155	(+)	TTCCCRKAA	TTCTCTAA
M0022		0.85354				
3	V\$STAT_01	2	2188	(+)	TTCCCRKAA	TTCTACAA
M0022		0.83261				
3	V\$STAT_01	9	2295	(-)	TTCCCRKAA	TTATAGGTA
M0022		0.83261				
3	V\$STAT_01	9	2311	(+)	TTCCCRKAA	TACCTATAA

M0022		0.83261				
3	V\$STAT_01	9	2334	(-)	TTCCCRKAA	TTATAGGCA
M0022		0.81673				
3	V\$STAT_01	8	2405	(-)	TTCCCRKAA	TTCCAACAA
M0022		0.79253				
3	V\$STAT_01	8	2482	(-)	TTCCCRKAA	TTATAAAAA
M0022		0.85858				
3	V\$STAT_01	3	2532	(+)	TTCCCRKAA	TTCTGGTA
M0022						
3	V\$STAT_01	0.85934	2675	(+)	TTCCCRKAA	TACCCATAA
M0022		0.79505				
3	V\$STAT_01	9	2835	(+)	TTCCCRKAA	ATCCTGGCA
M0022		0.81925				
3	V\$STAT_01	9	2985	(+)	TTCCCRKAA	TTTTCATAA
M0022		0.82682				
3	V\$STAT_01	1	3055	(-)	TTCCCRKAA	TTCAAGAA
M0022		0.81547				
3	V\$STAT_01	8	3106	(+)	TTCCCRKAA	TTCTCATAT
M0022		0.72912			NNNSANTTCCGG- GAANTGNSN	
4	V\$STAT1_01	9	3126	(+)		TATATTTTTGGGGAAAAACAA
M0022		0.86362				
3	V\$STAT_01	5	3132	(-)	TTCCCRKAA	TTTGGGGAA
M0022						
3	V\$STAT_01	0.80968	3286	(+)	TTCCCRKAA	TTCTTAAAA
M0022						
3	V\$STAT_01	0.88732	3352	(+)	TTCCCRKAA	TTACCGTCA
M0022		0.79606				
3	V\$STAT_01	8	3352	(-)	TTCCCRKAA	TTACCGTCA
M0022		0.88026				
3	V\$STAT_01	2	3388	(+)	TTCCCRKAA	TTCCCAAAA
M0022		0.80690				
3	V\$STAT_01	7	3388	(-)	TTCCCRKAA	TTCCCAAAA
M0022		0.81976				
3	V\$STAT_01	3	3524	(+)	TTCCCRKAA	TTCTTTTAA
M0022						
3	V\$STAT_01	0.79884	3747	(+)	TTCCCRKAA	ATCTCCTAA
M0022		0.82682				
3	V\$STAT_01	1	3841	(+)	TTCCCRKAA	TTCTTTGAA
M0022		0.81295				
3	V\$STAT_01	7	3971	(+)	TTCCCRKAA	TTACTGGAG
M0022						
3	V\$STAT_01	0.80968	4182	(-)	TTCCCRKAA	TTGTAGTAA
M0022		0.79304				
3	V\$STAT_01	3	4335	(+)	TTCCCRKAA	TTCTTCAAA
M0022		0.80262				
3	V\$STAT_01	2	4412	(-)	TTCCCRKAA	TTAAGATAA
M0022		0.85051				
3	V\$STAT_01	7	4427	(+)	TTCCCRKAA	TTACTAGCA
M0022		0.81547				
3	V\$STAT_01	8	4437	(-)	TTCCCRKAA	TTATGAGAT
M0022		0.81547				
3	V\$STAT_01	8	4659	(-)	TTCCCRKAA	TTATGGTTA
M0022		0.82682				
3	V\$STAT_01	1	4780	(+)	TTCCCRKAA	TTCTTGAAA
M0022		0.79253				
3	V\$STAT_01	8	4854	(-)	TTCCCRKAA	TTATATTAA
M0022		0.89513				
3	V\$STAT_01	5	4873	(+)	TTCCCRKAA	TTATCAGAA
M0022		0.89538				
3	V\$STAT_01	7	4873	(-)	TTCCCRKAA	TTATCAGAA
M0022		0.81976				
3	V\$STAT_01	3	4954	(-)	TTCCCRKAA	TTAGAGAAA
M0022		0.79253				
3	V\$STAT_01	8	5696	(+)	TTCCCRKAA	TTAATATAA
M0022		0.79052				
3	V\$STAT_01	2	5764	(+)	TTCCCRKAA	TTCTTATTA

M0022		0.72657			NGNNATTCCSG-	
5	V\$STAT3_01	5	5768	(-)	GAARTGNNN	TATTACTTCTCTGAATCTCAC
M0022		0.85354				
3	V\$STAT_01	2	5774	(+)	TTCCCRKAA	TTCTCTGAA
M0022		0.83362				
3	V\$STAT_01	7	5774	(-)	TTCCCRKAA	TTCTCTGAA
M0022		0.88858				
3	V\$STAT_01	1	6007	(+)	TTCCCRKAA	TTCTTCTAA
M0022		0.79959				
3	V\$STAT_01	7	6010	(-)	TTCCCRKAA	TTCTAAAAA
M0022		0.82253				
3	V\$STAT_01	6	6089	(+)	TTCCCRKAA	CTCTCAGAA
M0022		0.81295				
3	V\$STAT_01	7	6102	(+)	TTCCCRKAA	GTACTGGAA
M0022		0.81547				
3	V\$STAT_01	8	6190	(+)	TTCCCRKAA	TTCTCATAC
M0022		0.72295			NGNNATTCCSG-	
5	V\$STAT3_01	4	6262	(-)	GAARTGNNN	CTTCTTTTATGAGAAAATAAAA
M0022		0.85858				
3	V\$STAT_01	3	6268	(+)	TTCCCRKAA	TTATGAGAA
M0022		0.93193				
3	V\$STAT_01	8	6268	(-)	TTCCCRKAA	TTATGAGAA
M0022		0.79253				
3	V\$STAT_01	8	6352	(+)	TTCCCRKAA	TTTTTATAA
M0022		0.75942			NNNSANTTCCGG-	
4	V\$STAT1_01	7	6452	(-)	GAANTGNSN	ATATACATCCAGGAAGTCTCC
M0022		0.73685			NGNNATTCCSG-	
5	V\$STAT3_01	7	6452	(+)	GAARTGNNN	ATATACATCCAGGAAGTCTCC
M0022		0.76437			NGNNATTCCSG-	
5	V\$STAT3_01	4	6452	(-)	GAARTGNNN	ATATACATCCAGGAAGTCTCC
M0022		0.85681				
3	V\$STAT_01	9	6458	(-)	TTCCCRKAA	ATCCAGGAA
CSN151						
M0022		0.81472				
3	V\$STAT_01	1	7	(+)	TTCCCRKAA	TTCTTGGA
M0022		0.91227				
3	V\$STAT_01	6	55	(+)	TTCCCRKAA	TTCTTAGAA
M0022		0.83362				
3	V\$STAT_01	7	55	(-)	TTCCCRKAA	TTCTTAGAA
M0022		0.83438				
3	V\$STAT_01	4	315	(+)	TTCCCRKAA	TTCCTATGA
M0022		0.86866				
3	V\$STAT_01	6	479	(+)	TTCCCRKAA	TTATGGTAA
M0022		0.93193				
3	V\$STAT_01	8	479	(-)	TTCCCRKAA	TTATGGTAA
M0022		0.71716				
5	V\$STAT3_01	1	552	(-)	NGNNATTCCSGGAARTGNNN	TTTGTTTTCATAGAAATAACA
M0022		0.84345				
3	V\$STAT_01	9	558	(+)	TTCCCRKAA	TTCATAGAA
M0022		0.79606				
3	V\$STAT_01	8	574	(+)	TTCCCRKAA	TTCTGGTAG
M0022		0.82253				
3	V\$STAT_01	6	574	(-)	TTCCCRKAA	TTCTGGTAG
M0022		0.80262				
3	V\$STAT_01	2	614	(-)	TTCCCRKAA	TTAGGTAA
M0022		0.80841				
3	V\$STAT_01	9	904	(+)	TTCCCRKAA	TTTCCAGCA
M0022		0.81673				
3	V\$STAT_01	8	946	(+)	TTCCCRKAA	TTAATGGAA
M0022		0.81774				
3	V\$STAT_01	6	1229	(-)	TTCCCRKAA	TAAGAGGAA
M0022		0.81774				
3	V\$STAT_01	6	1303	(+)	TTCCCRKAA	TTCCTCTGA
M0022		0.81976				
3	V\$STAT_01	3	1346	(+)	TTCCCRKAA	TTACTTTAA

M0022		0.88807				
3	V\$STAT_01	7	1488	(+)	TTCCCRKAA	TTATCATAA
M0022		0.85152				
3	V\$STAT_01	5	1488	(-)	TTCCCRKAA	TTATCATAA
M0022		0.81673				
3	V\$STAT_01	8	1506	(+)	TTCCCRKAA	TTGTTGGAA
M0022		0.86135				
3	V\$STAT_01	6	1547	(+)	TTCCCRKAA	TTATTATAA
M0022		0.81547				
3	V\$STAT_01	8	1796	(-)	TTCCCRKAA	CTATGGTAA
M0022		0.83287				
3	V\$STAT_01	1	2264	(+)	TTCCCRKAA	TTCCAGGCA
M0022		0.85681				
3	V\$STAT_01	9	2264	(-)	TTCCCRKAA	TTCCAGGCA
M0022		0.82682				
3	V\$STAT_01	1	2499	(+)	TTCCCRKAA	TTCTTCTCA
M0022						
3	V\$STAT_01	0.8364	2502	(+)	TTCCCRKAA	TTCTCAAAA
M0022		0.72863				
4	V\$STAT1_01	5	2631	(-)	NNNSANTTCCGGGAANTGNSN	CCCCCATCCCTGGGATTCTCC
M0022		0.83287				
3	V\$STAT_01	1	2791	(+)	TTCCCRKAA	TTCCAGGCA
M0022		0.85681				
3	V\$STAT_01	9	2791	(-)	TTCCCRKAA	TTCCAGGCA
M0022						
3	V\$STAT_01	0.8606	2877	(-)	TTCCCRKAA	TGACAAGAA
M0022						
3	V\$STAT_01	0.8606	3096	(-)	TTCCCRKAA	TGACAGTAA
M0022						
3	V\$STAT_01	0.80968	3106	(-)	TTCCCRKAA	TTACAAAAA
M0022		0.85152				
3	V\$STAT_01	5	3321	(+)	TTCCCRKAA	TTATGATAA
M0022		0.88807				
3	V\$STAT_01	7	3321	(-)	TTCCCRKAA	TTATGATAA
M0022		0.79959				
3	V\$STAT_01	7	3398	(-)	TTCCCRKAA	TTCTAAAAA
M0022		0.82631				
3	V\$STAT_01	7	3603	(+)	TTCCCRKAA	TTAACAGAA
M0022		0.80993				
3	V\$STAT_01	2	3603	(-)	TTCCCRKAA	TTAACAGAA
M0022		0.87748				
3	V\$STAT_01	9	3662	(+)	TTCCCRKAA	TTCCAAGAA
M0022		0.92941				
3	V\$STAT_01	8	3662	(-)	TTCCCRKAA	TTCCAAGAA
M0022		0.80589				
3	V\$STAT_01	9	3672	(+)	TTCCCRKAA	TCACTGTAA
M0022		0.82631				
3	V\$STAT_01	7	3696	(-)	TTCCCRKAA	TGATGATAA
M0022		0.79581				
3	V\$STAT_01	5	3742	(-)	TTCCCRKAA	CTCTAGTAA
M0022		0.80589				
3	V\$STAT_01	9	3925	(+)	TTCCCRKAA	TTACTGTAT
M0022		0.80589				
3	V\$STAT_01	9	4037	(-)	TTCCCRKAA	TTACAAGAG
M0022		0.81976				
3	V\$STAT_01	3	4133	(+)	TTCCCRKAA	TTACCCCAA
M0022		0.84976				
3	V\$STAT_01	1	4530	(-)	TTCCCRKAA	CTACAGGAA
M0022		0.76354				
4	V\$STAT1_01	4	4608	(+)	NNNSANTTCCGGGAANTGNSN	TGTATTTTCTGGAAAAATCA
M0022						
3	V\$STAT_01	0.8606	4614	(+)	TTCCCRKAA	TTTCTGGAA
M0022		0.79203				
3	V\$STAT_01	4	4614	(-)	TTCCCRKAA	TTTCTGGAA
M0022						
3	V\$STAT_01	0.81699	4615	(+)	TTCCCRKAA	TTCTGAAA

M0022		0.87017				
3	V\$STAT_01	9	4615	(-)	TTCCCRKAA	TTCTGGAAA
M0022		0.81724				
3	V\$STAT_01	2	4829	(+)	TTCCCRKAA	TTCTCATTA
M0022		0.79253				
3	V\$STAT_01	8	4990	(+)	TTCCCRKAA	TTAATATAA
M0022		0.73275				
4	V\$STAT1_01	2	5012	(+)	NNNSANTTCCGGGAANTGNSN	TAGCCTTTTCCAGAAGTGTTT
M0022		0.72089				
4	V\$STAT1_01	6	5012	(-)	NNNSANTTCCGGGAANTGNSN	TAGCCTTTTCCAGAAGTGTTT
M0022		0.75177				
5	V\$STAT3_01	4	5012	(+)	NGNNATTTCCSGGAARTGNNN	TAGCCTTTTCCAGAAGTGTTT
M0022		0.87017				
3	V\$STAT_01	9	5018	(+)	TTCCCRKAA	TTTCCAGAA
M0022						
3	V\$STAT_01	0.81699	5018	(-)	TTCCCRKAA	TTTCCAGAA
M0022		0.92941				
3	V\$STAT_01	8	5237	(+)	TTCCCRKAA	TTACTGGAA
M0022		0.88757				
3	V\$STAT_01	2	5237	(-)	TTCCCRKAA	TTACTGGAA
M0022		0.80589				
3	V\$STAT_01	9	5321	(-)	TTCCCRKAA	ATACAAGAA
M0022		0.80060				
3	V\$STAT_01	5	5678	(-)	TTCCCRKAA	TAAGGAGAA
M0022		0.79480				
3	V\$STAT_01	7	5799	(-)	TTCCCRKAA	TTGAGGGAA
M0022		0.85354				
3	V\$STAT_01	2	5892	(+)	TTCCCRKAA	TTCATGTAA
M0022						
3	V\$STAT_01	0.8243	5943	(-)	TTCCCRKAA	TACTGAGAA
M0022		0.79253				
3	V\$STAT_01	8	6005	(+)	TTCCCRKAA	TTAGTATAA
M0022		0.81295				
3	V\$STAT_01	7	6129	(-)	TTCCCRKAA	CTCCAAGAA
M0022		0.86765				
3	V\$STAT_01	8	6298	(+)	TTCCCRKAA	TTCTTGGCA
M0022		0.84471				
3	V\$STAT_01	9	6342	(+)	TTCCCRKAA	TTATTCTAA
M0022						
4	V\$STAT1_01	0.72353	6361	(+)	NNNSANTTCCGGGAANTGNSN	TATAATATAAGGGAAATAAAG
M0022		0.72860				
5	V\$STAT3_01	2	6361	(-)	NGNNATTTCCSGGAARTGNNN	TATAATATAAGGGAAATAAAG
M0022		0.82682				
3	V\$STAT_01	1	6476	(-)	TTCCCRKAA	TTCAAAGAA
M0007		0.80784				
6	V\$GATA2_01	8	40	(-)	NNNGATRNNN	TCCTATGTGA
M0007		0.82082				
5	V\$GATA1_01	9	74	(+)	SNNGATNNNN	CCTGTTGGTT
M0007		0.82280				
5	V\$GATA1_01	4	111	(-)	SNNGATNNNN	ACTAATCAGT
M0007		0.78574				
6	V\$GATA2_01	7	111	(-)	NNNGATRNNN	ACTAATCAGT
M0007		0.82454				
7	V\$GATA3_01	6	111	(-)	NNGATARNG	ACTAATCAG
M0012		0.80450				
7	V\$GATA1_03	8	147	(-)	RNSNNGATAANNNGN	TCTGCCATCACCTT
M0007		0.93632				
5	V\$GATA1_01	8	149	(-)	SNNGATNNNN	TGCCATCACC
M0007		0.90302				
6	V\$GATA2_01	2	149	(-)	NNNGATRNNN	TGCCATCACC
M0007						
7	V\$GATA3_01	0.85113	149	(-)	NNGATARNG	TGCCATCAC
M0007		0.78035				
5	V\$GATA1_01	5	158	(+)	SNNGATNNNN	CTTGATCATC
M0007		0.79861				
5	V\$GATA1_01	8	158	(-)	SNNGATNNNN	CTTGATCATC

M0007		0.79115				
6	V\$GATA2_01	9	158	(-)	NNNGATRNNN	CTTGATCATC
M0012		0.80083				
7	V\$GATA1_03	3	159	(-)	RNSNNGATAANNGN	TTGATCATCAACCC
M0007		0.82724				
5	V\$GATA1_01	6	161	(-)	SNNGATNNNN	GATCATCAAC
M0012		0.80083				
7	V\$GATA1_03	3	215	(+)	RNSNNGATAANNGN	ATACATATAACAAA
M0007		0.80157				
5	V\$GATA1_01	9	234	(+)	SNNGATNNNN	TATGATTTTC
M0007		0.81506				
6	V\$GATA2_01	5	234	(+)	NNNGATRNNN	TATGATTTTC
M0007		0.79521				
6	V\$GATA2_01	9	249	(-)	NNNGATRNNN	TCTCATCTTT
M0007		0.86575				
7	V\$GATA3_01	1	249	(-)	NNGATARNG	TCTCATCTT
M0007		0.85636				
5	V\$GATA1_01	7	293	(+)	SNNGATNNNN	TGTGATTGCA
M0007		0.85250				
6	V\$GATA2_01	3	293	(+)	NNNGATRNNN	TGTGATTGCA
M0007		0.87106				
7	V\$GATA3_01	8	294	(+)	NNGATARNG	GTGATTGCA
M0007		0.78845				
6	V\$GATA2_01	3	316	(-)	NNNGATRNNN	TCCTATGATA
M0007		0.78578				
5	V\$GATA1_01	5	319	(+)	SNNGATNNNN	TATGATATAC
M0007		0.83942				
6	V\$GATA2_01	3	319	(+)	NNNGATRNNN	TATGATATAC
M0012						
6	V\$GATA1_02	0.8225	354	(+)	NNNNNGATANKGNN	ATGTTGATACTATC
M0012		0.85668				
7	V\$GATA1_03	8	354	(+)	RNSNNGATAANNGN	ATGTTGATACTATC
M0007		0.84600				
5	V\$GATA1_01	2	356	(+)	SNNGATNNNN	GTTGATACTA
M0007		0.79747				
6	V\$GATA2_01	4	356	(+)	NNNGATRNNN	GTTGATACTA
M0012		0.84437				
6	V\$GATA1_02	5	359	(-)	NNNNNGATANKGNN	GATACTATCTATCT
M0012		0.86844				
7	V\$GATA1_03	7	359	(-)	RNSNNGATAANNGN	GATACTATCTATCT
M0007		0.78627				
5	V\$GATA1_01	8	361	(-)	SNNGATNNNN	TACTATCTAT
M0007						
6	V\$GATA2_01	0.7871	361	(-)	NNNGATRNNN	TACTATCTAT
M0007		0.90252				
7	V\$GATA3_01	5	361	(-)	NNGATARNG	TACTATCTA
M0020		0.85399				
3	V\$GATA_C	2	362	(-)	NGATAAGNMNN	ACTATCTATCT
M0012		0.77093				
6	V\$GATA1_02	7	363	(-)	NNNNNGATANKGNN	CTATCTATCTCAGA
M0012		0.83731				
8	V\$GATA1_04	6	363	(-)	NNCWGATARNNNN	CTATCTATCTCAG
M0007						
5	V\$GATA1_01	0.85538	365	(-)	SNNGATNNNN	ATCTATCTCA
M0007		0.89896				
6	V\$GATA2_01	3	365	(-)	NNNGATRNNN	ATCTATCTCA
M0007		0.89233				
7	V\$GATA3_01	5	365	(-)	NNGATARNG	ATCTATCTC
M0012		0.77937				
6	V\$GATA1_02	5	452	(+)	NNNNNGATANKGNN	ATGTAGATACATAA
M0012		0.84100				
7	V\$GATA1_03	9	452	(+)	RNSNNGATAANNGN	ATGTAGATACATAA
M0007		0.82132				
5	V\$GATA1_01	3	454	(+)	SNNGATNNNN	GTAGATACAT
M0007		0.79837				
6	V\$GATA2_01	6	454	(+)	NNNGATRNNN	GTAGATACAT

M0020		0.87791				
3	V\$GATA_C	2	456	(+)	NGATAAGNMNN	AGATACATAAC
M0012		0.81843				
6	V\$GATA1_02	8	648	(+)	NNNNNGATANKGNN	TCAATGATAGACAA
M0007		0.82428				
5	V\$GATA1_01	4	650	(+)	SNNGATNNNN	AATGATAGAC
M0007		0.84348				
6	V\$GATA2_01	2	650	(+)	NNNGATRNNN	AATGATAGAC
M0007		0.85157				
7	V\$GATA3_01	3	651	(+)	NNGATARNG	ATGATAGAC
M0020		0.88474				
3	V\$GATA_C	7	652	(+)	NGATAAGNMNN	TGATAGACAAT
M0012		0.84160				
8	V\$GATA1_04	5	661	(+)	NNCWGATARNNNN	ATTAGATATAAAT
M0007		0.82233				
7	V\$GATA3_01	1	663	(+)	NNGATARNG	TAGATATAA
M0020		0.83504				
3	V\$GATA_C	2	664	(+)	NGATAAGNMNN	AGATATAAATG
M0012		0.78466				
7	V\$GATA1_03	4	684	(+)	RNSNNGATAANNNGN	ATAAAGATGATTAA
M0007		0.79269				
5	V\$GATA1_01	5	686	(+)	SNNGATNNNN	AAAGATGATT
M0007		0.81867				
6	V\$GATA2_01	4	686	(+)	NNNGATRNNN	AAAGATGATT
M0007		0.77936				
5	V\$GATA1_01	8	689	(+)	SNNGATNNNN	GATGATTAAA
M0007		0.82144				
7	V\$GATA3_01	4	690	(+)	NNGATARNG	ATGATTAAA
M0007		0.77887				
5	V\$GATA1_01	5	700	(+)	SNNGATNNNN	TTGGATATTT
M0007		0.82724				
6	V\$GATA2_01	4	700	(+)	NNNGATRNNN	TTGGATATTT
M0012		0.78218				
6	V\$GATA1_02	8	710	(+)	NNNNNGATANKGNN	GTAAGGATACAAAT
M0012		0.80720				
7	V\$GATA1_03	2	710	(+)	RNSNNGATAANNNGN	GTAAGGATACAAAT
M0007		0.81777				
6	V\$GATA2_01	2	712	(+)	NNNGATRNNN	AAGGATACAA
M0020		0.86455				
3	V\$GATA_C	4	714	(+)	NGATAAGNMNN	GGATACAAATA
M0007		0.80157				
5	V\$GATA1_01	9	782	(+)	SNNGATNNNN	GTAGATTCTA
M0007		0.78973				
5	V\$GATA1_01	3	821	(-)	SNNGATNNNN	AATAATCTGT
M0007		0.79070				
6	V\$GATA2_01	8	821	(-)	NNNGATRNNN	AATAATCTGT
M0007		0.82720				
7	V\$GATA3_01	4	821	(-)	NNGATARNG	AATAATCTG
M0007		0.84049				
7	V\$GATA3_01	6	868	(-)	NNGATARNG	TATAATCTA
M0012		0.79446				
7	V\$GATA1_03	3	880	(-)	RNSNNGATAANNNGN	TTTCTTATGTATCT
M0020		0.85119				
3	V\$GATA_C	6	883	(-)	NGATAAGNMNN	CTTATGTATCT
M0012		0.77312				
6	V\$GATA1_02	5	884	(-)	NNNNNGATANKGNN	TTATGTATCTGAAA
M0012		0.83976				
8	V\$GATA1_04	7	884	(-)	NNCWGATARNNNN	TTATGTATCTGAA
M0007		0.82181				
5	V\$GATA1_01	6	886	(-)	SNNGATNNNN	ATGTATCTGA
M0007		0.87370				
6	V\$GATA2_01	3	886	(-)	NNNGATRNNN	ATGTATCTGA
M0012		0.78593				
6	V\$GATA1_02	8	967	(+)	NNNNNGATANKGNN	AACGTGATATGTTT
M0012		0.83486				
8	V\$GATA1_04	5	968	(+)	NNCWGATARNNNN	ACGTGATATGTTT

M0007		0.94175				
5	V\$GATA1_01	7	969	(+)	SNNGATNNNN	CGTGATATGT
M0007		0.90663				
6	V\$GATA2_01	1	969	(+)	NNNGATRNNN	CGTGATATGT
M0007		0.84935				
7	V\$GATA3_01	8	970	(+)	NNGATARNG	GTGATATGT
M0007		0.84896				
5	V\$GATA1_01	3	985	(+)	SNNGATNNNN	TATGATTCTG
M0007		0.84303				
6	V\$GATA2_01	1	985	(+)	NNNGATRNNN	TATGATTCTG
M0007		0.82543				
7	V\$GATA3_01	2	986	(+)	NNGATARNG	ATGATTCTG
M0007		0.77936				
5	V\$GATA1_01	8	995	(-)	SNNGATNNNN	TTTAATCATC
M0007		0.82144				
7	V\$GATA3_01	4	995	(-)	NNGATARNG	TTTAATCAT
M0012		0.81749				
7	V\$GATA1_03	1	996	(-)	RNSNNGATAANNGN	TTAATCATCTTCAT
M0007		0.85735				
5	V\$GATA1_01	4	998	(-)	SNNGATNNNN	AATCATCTTC
M0007		0.86558				
6	V\$GATA2_01	4	998	(-)	NNNGATRNNN	AATCATCTTC
M0020		0.87884				
3	V\$GATA_C	4	1022	(-)	NGATAAGNMNN	TGGATATATCA
M0012		0.81035				
8	V\$GATA1_04	5	1023	(-)	NNCWGATARNNNN	GGATATATCAACC
M0020		0.86206				
3	V\$GATA_C	9	1023	(+)	NGATAAGNMNN	GGATATATCAA
M0007		0.82082				
5	V\$GATA1_01	9	1025	(-)	SNNGATNNNN	ATATATCAAC
M0007		0.81391				
5	V\$GATA1_01	9	1055	(+)	SNNGATNNNN	CTAGATCCTT
M0007		0.78484				
6	V\$GATA2_01	4	1055	(-)	NNNGATRNNN	CTAGATCCTT
M0012		0.77812				
6	V\$GATA1_02	5	1091	(+)	NNNNNGATANKGNN	TTCTACATAATGCA
M0012		0.80548				
7	V\$GATA1_03	8	1132	(+)	RNSNNGATAANNGN	AGCAGGCTAAAGGA
M0012						
6	V\$GATA1_02	0.79375	1139	(+)	NNNNNGATANKGNN	TAAAGGATAAAGAC
M0012						
8	V\$GATA1_04	0.86489	1140	(+)	NNCWGATARNNNN	AAAGGATAAAGAC
M0007		0.83446				
6	V\$GATA2_01	1	1141	(+)	NNNGATRNNN	AAGGATAAAG
M0007		0.86840				
7	V\$GATA3_01	9	1142	(+)	NNGATARNG	AGGATAAAG
M0020		0.94874				
3	V\$GATA_C	2	1143	(+)	NGATAAGNMNN	GGATAAAGACA
M0012		0.82812				
6	V\$GATA1_02	5	1164	(+)	NNNNNGATANKGNN	TTACAGATATTAAA
M0012		0.84436				
8	V\$GATA1_04	3	1165	(+)	NNCWGATARNNNN	TACAGATATTAAA
M0007						
5	V\$GATA1_01	0.79615	1166	(+)	SNNGATNNNN	ACAGATATTA
M0007		0.84032				
6	V\$GATA2_01	5	1166	(+)	NNNGATRNNN	ACAGATATTA
M0007		0.86087				
7	V\$GATA3_01	7	1167	(+)	NNGATARNG	CAGATATTA
M0020		0.88257				
3	V\$GATA_C	2	1197	(-)	NGATAAGNMNN	TTAGTTTATCA
M0012						
6	V\$GATA1_02	0.8125	1198	(-)	NNNNNGATANKGNN	TAGTTTATCAATTT
M0012		0.82190				
7	V\$GATA1_03	1	1198	(-)	RNSNNGATAANNGN	TAGTTTATCAATTT
M0012		0.81556				
8	V\$GATA1_04	4	1198	(-)	NNCWGATARNNNN	TAGTTTATCAATT

M0007		0.81688				
5	V\$GATA1_01	1	1288	(+)	SNNGATNNNN	ATTGATGCTT
M0020		0.85865				
3	V\$GATA_C	2	1309	(+)	NGATAAGNMNN	TGACAAAACCC
M0012						
7	V\$GATA1_03	0.78099	1318	(-)	RNSNNGATAANNGN	CCTACTATTACTTT
M0007		0.78529				
5	V\$GATA1_01	1	1332	(-)	SNNGATNNNN	CAGGATCAAA
M0012		0.81031				
6	V\$GATA1_02	2	1360	(+)	NNNNNGATANKGNN	AGTAAGATATTGGT
M0012		0.86029				
8	V\$GATA1_04	4	1361	(+)	NNCWGATARNNNN	GTAAGATATTGGT
M0007		0.83070				
5	V\$GATA1_01	1	1362	(+)	SNNGATNNNN	TAAGATATTG
M0007		0.90753				
6	V\$GATA2_01	3	1362	(+)	NNNGATRNNN	TAAGATATTG
M0007		0.90163				
7	V\$GATA3_01	9	1363	(+)	NNGATARNG	AAGATATTG
M0020		0.97421				
3	V\$GATA_C	6	1374	(-)	NGATAAGNMNN	ATTTCTTATCT
M0012						
6	V\$GATA1_02	0.84875	1375	(-)	NNNNNGATANKGNN	TTTCTTATCTTATA
M0012		0.94515				
8	V\$GATA1_04	9	1375	(-)	NNCWGATARNNNN	TTTCTTATCTTAT
M0007		0.77788				
5	V\$GATA1_01	7	1377	(-)	SNNGATNNNN	TCTTATCTTA
M0007		0.85611				
6	V\$GATA2_01	2	1377	(-)	NNNGATRNNN	TCTTATCTTA
M0007		0.91936				
7	V\$GATA3_01	2	1377	(-)	NNGATARNG	TCTTATCTT
M0020		0.83535				
3	V\$GATA_C	3	1386	(+)	NGATAAGNMNN	ATATAAGCACT
M0012		0.80181				
7	V\$GATA1_03	3	1398	(+)	RNSNNGATAANNGN	AGCAAAAATAATTTG
M0020		0.90680				
3	V\$GATA_C	3	1483	(-)	NGATAAGNMNN	AACTTTTATCA
M0012		0.82187				
6	V\$GATA1_02	5	1484	(-)	NNNNNGATANKGNN	ACTTTTATCATAAT
M0012		0.82582				
7	V\$GATA1_03	1	1484	(-)	RNSNNGATAANNGN	ACTTTTATCATAAT
M0012		0.91513				
8	V\$GATA1_04	5	1484	(-)	NNCWGATARNNNN	ACTTTTATCATAA
M0007		0.79837				
6	V\$GATA2_01	6	1486	(-)	NNNGATRNNN	TTTTATCATA
M0007		0.85511				
7	V\$GATA3_01	7	1486	(-)	NNGATARNG	TTTTATCAT
M0020		0.83845				
3	V\$GATA_C	9	1550	(+)	NGATAAGNMNN	TTATAAGACCT
M0007						
5	V\$GATA1_01	0.78924	1580	(-)	SNNGATNNNN	ATAGATCTTG
M0007		0.79882				
6	V\$GATA2_01	7	1580	(-)	NNNGATRNNN	ATAGATCTTG
M0012		0.79789				
7	V\$GATA1_03	3	1584	(+)	RNSNNGATAANNGN	ATCTTGACAACCAT
M0012		0.79936				
7	V\$GATA1_03	3	1599	(-)	RNSNNGATAANNGN	AAACTTCTCATCCT
M0012		0.79054				
7	V\$GATA1_03	4	1602	(-)	RNSNNGATAANNGN	CTTCTCATCCTTAC
M0007		0.80965				
6	V\$GATA2_01	3	1604	(-)	NNNGATRNNN	TCTCATCCTT
M0007		0.82055				
7	V\$GATA3_01	8	1604	(-)	NNGATARNG	TCTCATCCT
M0012		0.81063				
7	V\$GATA1_03	2	1608	(-)	RNSNNGATAANNGN	ATCCTTACCTGTCT
M0012		0.83088				
8	V\$GATA1_04	2	1608	(-)	NNCWGATARNNNN	ATCCTTACCTGTC

M0007		0.78664				
6	V\$GATA2_01	9	1614	(-)	NNNGATRNNN	ACCTGTCTTG
M0007		0.77591				
5	V\$GATA1_01	3	1626	(+)	SNNGATNNNN	GCTGTTGCTC
M0007		0.83761				
5	V\$GATA1_01	1	1668	(+)	SNNGATNNNN	GAAGATTCTA
M0007		0.82589				
6	V\$GATA2_01	1	1668	(+)	NNNGATRNNN	GAAGATTCTA
M0007						
5	V\$GATA1_01	0.84156	1675	(+)	SNNGATNNNN	CTAGATTCTT
M0007		0.82971				
5	V\$GATA1_01	4	1691	(-)	SNNGATNNNN	AGTCATCTCA
M0007		0.87821				
6	V\$GATA2_01	4	1691	(-)	NNNGATRNNN	AGTCATCTCA
M0007		0.82329				
5	V\$GATA1_01	7	1719	(-)	SNNGATNNNN	TCTCATCAAG
M0012						
6	V\$GATA1_02	0.83	1729	(+)	NNNNNGATANKGNN	TGCAAGATATTGTA
M0007		0.89141				
5	V\$GATA1_01	2	1731	(+)	SNNGATNNNN	CAAGATATTG
M0007		0.91655				
6	V\$GATA2_01	4	1731	(+)	NNNGATRNNN	CAAGATATTG
M0007		0.90163				
7	V\$GATA3_01	9	1732	(+)	NNGATARNG	AAGATATTG
M0007						
5	V\$GATA1_01	0.83613	1754	(+)	SNNGATNNNN	TTTGATGGTC
M0007		0.80604				
6	V\$GATA2_01	4	1754	(+)	NNNGATRNNN	TTTGATGGTC
M0012		0.80062				
6	V\$GATA1_02	5	1781	(+)	NNNNNGATANKGNN	GTGTTGATATTAAA
M0012		0.79397				
7	V\$GATA1_03	4	1781	(+)	RNSNNGATAANNNGN	GTGTTGATATTAAA
M0007		0.82477				
5	V\$GATA1_01	8	1783	(+)	SNNGATNNNN	GTTGATATTA
M0007		0.78619				
6	V\$GATA2_01	8	1783	(+)	NNNGATRNNN	GTTGATATTA
M0007		0.83897				
6	V\$GATA2_01	2	1794	(-)	NNNGATRNNN	AGCTATGGTA
M0007		0.81235				
6	V\$GATA2_01	9	1800	(-)	NNNGATRNNN	GGTAATCCTT
M0020		0.83442				
3	V\$GATA_C	1	1842	(-)	NGATAAGNMNN	AAGACTTAACT
M0012		0.77593				
6	V\$GATA1_02	8	1910	(+)	NNNNNGATANKGNN	AAAGAAATAAGGTA
M0007		0.81046				
5	V\$GATA1_01	4	1941	(-)	SNNGATNNNN	GAGCATCAAA
M0007		0.78078				
6	V\$GATA2_01	5	1941	(-)	NNNGATRNNN	GAGCATCAAA
M0012		0.82435				
7	V\$GATA1_03	1	1949	(+)	RNSNNGATAANNNGN	AAGAAGGTAAGTAG
M0007		0.78664				
6	V\$GATA2_01	9	1990	(+)	NNNGATRNNN	TAACATATTT
M0020		0.85430				
3	V\$GATA_C	3	2007	(-)	NGATAAGNMNN	TATATATATCC
M0007						
6	V\$GATA2_01	0.7871	2010	(-)	NNNGATRNNN	ATATATCCAA
M0007						
5	V\$GATA1_01	0.7769	2041	(+)	SNNGATNNNN	GCTGCTGCTG
M0007		0.80700				
5	V\$GATA1_01	9	2089	(+)	SNNGATNNNN	ATTGATGGCA
M0007		0.84649				
5	V\$GATA1_01	6	2112	(-)	SNNGATNNNN	TGCCATCCCT
M0007		0.88182				
6	V\$GATA2_01	2	2112	(-)	NNNGATRNNN	TGCCATCCCT
M0007						
7	V\$GATA3_01	0.82942	2112	(-)	NNGATARNG	TGCCATCCC

M0007		0.82625				
5	V\$GATA1_01	9	2121	(+)	SNNGATNNNN	TGGGATTCTC
M0007		0.86017				
6	V\$GATA2_01	1	2121	(+)	NNNGATRNNN	TGGGATTCTC
M0007		0.78627				
5	V\$GATA1_01	8	2174	(+)	SNNGATNNNN	CATGAAAGTG
M0012		0.78588				
7	V\$GATA1_03	9	2178	(+)	RNSNNGATAANNGN	AAAGTGAAAAGTGA
M0012		0.79764				
7	V\$GATA1_03	8	2217	(-)	RNSNNGATAANNGN	ACTCCTAGCAACCC
M0007						
5	V\$GATA1_01	0.78924	2248	(-)	SNNGATNNNN	CTCCATCCAT
M0007		0.80503				
5	V\$GATA1_01	5	2257	(+)	SNNGATNNNN	TGGGATTTTC
M0007		0.84889				
6	V\$GATA2_01	5	2257	(+)	NNNGATRNNN	TGGGATTTTC
M0012		0.82239				
7	V\$GATA1_03	1	2335	(-)	RNSNNGATAANNGN	CAGTGTATCCACTT
M0007		0.80207				
5	V\$GATA1_01	3	2337	(-)	SNNGATNNNN	GTGTATCCAC
M0007		0.80920				
6	V\$GATA2_01	2	2337	(-)	NNNGATRNNN	GTGTATCCAC
M0007		0.89486				
5	V\$GATA1_01	7	2374	(+)	SNNGATNNNN	TGAGATGGCT
M0007		0.92963				
6	V\$GATA2_01	5	2374	(+)	NNNGATRNNN	TGAGATGGCT
M0007		0.84271				
7	V\$GATA3_01	2	2375	(+)	NNGATARNG	GAGATGGCT
M0012						
7	V\$GATA1_03	0.78099	2407	(+)	RNSNNGATAANNGN	GTACAGAAAGTTGG
M0007		0.83958				
5	V\$GATA1_01	5	2430	(+)	SNNGATNNNN	GCTGATTCAA
M0007		0.78258				
6	V\$GATA2_01	9	2430	(+)	NNNGATRNNN	GCTGATTCAA
M0012						
6	V\$GATA1_02	0.8875	2472	(+)	NNNNNGATANKGNN	AACTAGATAATGTA
M0012		0.86599				
7	V\$GATA1_03	7	2472	(+)	RNSNNGATAANNGN	AACTAGATAATGTA
M0012		0.82781				
8	V\$GATA1_04	9	2473	(+)	NNCWGATARNNNN	ACTAGATAATGTA
M0007		0.83711				
5	V\$GATA1_01	7	2474	(+)	SNNGATNNNN	CTAGATAATG
M0007		0.82002				
6	V\$GATA2_01	7	2474	(+)	NNNGATRNNN	CTAGATAATG
M0007		0.90917				
7	V\$GATA3_01	1	2475	(+)	NNGATARNG	TAGATAATG
M0020		0.86331				
3	V\$GATA_C	2	2476	(+)	NGATAAGNMNN	AGATAATGTAA
M0007		0.79341				
6	V\$GATA2_01	5	2605	(+)	NNNGATRNNN	CCCCATAGAC
M0007		0.90572				
5	V\$GATA1_01	6	2632	(-)	SNNGATNNNN	CCCCATCCCT
M0007		0.91204				
6	V\$GATA2_01	3	2632	(-)	NNNGATRNNN	CCCCATCCCT
M0007		0.90119				
7	V\$GATA3_01	6	2632	(-)	NNGATARNG	CCCCATCCC
M0007		0.82625				
5	V\$GATA1_01	9	2641	(+)	SNNGATNNNN	TGGGATTCTC
M0007		0.86017				
6	V\$GATA2_01	1	2641	(+)	NNNGATRNNN	TGGGATTCTC
M0007		0.78627				
5	V\$GATA1_01	8	2694	(+)	SNNGATNNNN	CATGAAAGTG
M0012		0.78593				
6	V\$GATA1_02	8	2698	(+)	NNNNNGATANKGNN	AAAGTGAGAAGGGA
M0012		0.79519				
7	V\$GATA1_03	8	2698	(+)	RNSNNGATAANNGN	AAAGTGAGAAGGGA

M0007		0.82410				
7	V\$GATA3_01	3	2701	(+)	NNGATARNG	GTGAGAAGG
M0007		0.80503				
5	V\$GATA1_01	5	2784	(+)	SNNGATNNNN	TGGGATTTTC
M0007		0.84889				
6	V\$GATA2_01	5	2784	(+)	NNNGATRNNN	TGGGATTTTC
M0012		0.88156				
6	V\$GATA1_02	3	2841	(+)	NNNNNGATANKGNN	CTCTAGATAATGAT
M0012		0.87432				
7	V\$GATA1_03	6	2841	(+)	RNSNNGATAANNNGN	CTCTAGATAATGAT
M0012		0.86550				
8	V\$GATA1_04	2	2842	(+)	NNCWGATARNNNN	TCTAGATAATGAT
M0007		0.83711				
5	V\$GATA1_01	7	2843	(+)	SNNGATNNNN	CTAGATAATG
M0007		0.82002				
6	V\$GATA2_01	7	2843	(+)	NNNGATRNNN	CTAGATAATG
M0007		0.90917				
7	V\$GATA3_01	1	2844	(+)	NNGATARNG	TAGATAATG
M0020		0.89934				
3	V\$GATA_C	8	2845	(+)	NGATAAGNMNN	AGATAATGATA
M0012		0.79468				
6	V\$GATA1_02	7	2847	(+)	NNNNNGATANKGNN	ATAATGATAAATAA
M0012		0.86305				
7	V\$GATA1_03	7	2847	(+)	RNSNNGATAANNNGN	ATAATGATAAATAA
M0012		0.88449				
8	V\$GATA1_04	8	2848	(+)	NNCWGATARNNNN	TAATGATAAATAA
M0007		0.77393				
5	V\$GATA1_01	9	2849	(+)	SNNGATNNNN	AATGATAAAT
M0007						
6	V\$GATA2_01	0.79567	2849	(+)	NNNGATRNNN	AATGATAAAT
M0007		0.82321				
7	V\$GATA3_01	7	2850	(+)	NNGATARNG	ATGATAAAT
M0020		0.93227				
3	V\$GATA_C	7	2851	(+)	NGATAAGNMNN	TGATAAATAAA
M0007		0.85784				
5	V\$GATA1_01	8	2867	(-)	SNNGATNNNN	AGGAATCAAC
M0007		0.78168				
6	V\$GATA2_01	7	2867	(-)	NNNGATRNNN	AGGAATCAAC
M0020		0.83939				
3	V\$GATA_C	1	2877	(+)	NGATAAGNMNN	TGACAAGAAAAG
M0007		0.78282				
5	V\$GATA1_01	3	2886	(+)	SNNGATNNNN	AGTGATTCAA
M0012		0.85781				
6	V\$GATA1_02	3	2895	(+)	NNNNNGATANKGNN	AATAAGATAATAGT
M0012		0.84443				
7	V\$GATA1_03	9	2895	(+)	RNSNNGATAANNNGN	AATAAGATAATAGT
M0012		0.91268				
8	V\$GATA1_04	4	2896	(+)	NNCWGATARNNNN	ATAAGATAATAGT
M0007		0.84979				
6	V\$GATA2_01	7	2897	(+)	NNNGATRNNN	TAAGATAATA
M0007		0.89853				
7	V\$GATA3_01	8	2898	(+)	NNGATARNG	AAGATAATA
M0020		0.87138				
3	V\$GATA_C	9	2899	(+)	NGATAAGNMNN	AGATAATAGTT
M0007		0.77887				
5	V\$GATA1_01	5	2910	(+)	SNNGATNNNN	TTGGATATTT
M0007		0.82724				
6	V\$GATA2_01	4	2910	(+)	NNNGATRNNN	TTGGATATTT
M0012						
6	V\$GATA1_02	0.8125	2927	(-)	NNNNNGATANKGNN	CAAACATCAAATA
M0012		0.81188				
8	V\$GATA1_04	7	2927	(-)	NNCWGATARNNNN	CAAACATCAAAT
M0007		0.85093				
5	V\$GATA1_01	8	2929	(-)	SNNGATNNNN	AACTATCAAA
M0007		0.83806				
6	V\$GATA2_01	9	2929	(-)	NNNGATRNNN	AACTATCAAA

M0007		0.84714				
7	V\$GATA3_01	2	2929	(-)	NNGATARNG	AACTATCAA
M0012		0.78906				
6	V\$GATA1_02	2	2963	(+)	NNNNNGATANKGNN	GCTGAGATATTCTA
M0007		0.83316				
5	V\$GATA1_01	9	2965	(+)	SNNGATNNNN	TGAGATATTC
M0007		0.89896				
6	V\$GATA2_01	3	2965	(+)	NNNGATRNNN	TGAGATATTC
M0007		0.85201				
7	V\$GATA3_01	6	2966	(+)	NNGATARNG	GAGATATTC
M0012		0.77281				
6	V\$GATA1_02	3	2984	(-)	NNNNNGATANKGNN	ACTCTTATTTTCTA
M0012		0.81035				
8	V\$GATA1_04	5	2984	(-)	NNCWGATARNNNN	ACTCTTATTTTCT
M0007		0.77986				
5	V\$GATA1_01	2	3008	(+)	SNNGATNNNN	AATGATTGAA
M0007		0.84980				
7	V\$GATA3_01	1	3009	(+)	NNGATARNG	ATGATTGAA
M0007		0.83020				
5	V\$GATA1_01	7	3016	(-)	SNNGATNNNN	AAGGATCACT
M0007		0.81596				
6	V\$GATA2_01	8	3016	(+)	NNNGATRNNN	AAGGATCACT
M0007		0.80559				
6	V\$GATA2_01	3	3016	(-)	NNNGATRNNN	AAGGATCACT
M0012		0.80083				
7	V\$GATA1_03	3	3024	(-)	RNSNNGATAANNGN	CTAATAATCCAGCT
M0007		0.79763				
5	V\$GATA1_01	1	3026	(-)	SNNGATNNNN	AATAATCCAG
M0007		0.82527				
5	V\$GATA1_01	1	3073	(-)	SNNGATNNNN	AAGCATCAAA
M0007		0.78439				
6	V\$GATA2_01	3	3073	(-)	NNNGATRNNN	AAGCATCAAA
M0007		0.78282				
5	V\$GATA1_01	3	3081	(+)	SNNGATNNNN	AAAGATGGAA
M0007						
6	V\$GATA2_01	0.80018	3081	(+)	NNNGATRNNN	AAAGATGGAA
M0007		0.85334				
7	V\$GATA3_01	5	3082	(+)	NNGATARNG	AAGATGGAA
M0020						
3	V\$GATA_C	0.84343	3086	(-)	NGATAAGNMNN	TGGAAATATCT
M0012		0.86366				
8	V\$GATA1_04	4	3087	(-)	NNCWGATARNNNN	GGAAATATCTGAC
M0007		0.84007				
5	V\$GATA1_01	9	3089	(-)	SNNGATNNNN	AAATATCTGA
M0007		0.90257				
6	V\$GATA2_01	1	3089	(-)	NNNGATRNNN	AAATATCTGA
M0007		0.82897				
7	V\$GATA3_01	7	3089	(-)	NNGATARNG	AAATATCTG
M0020		0.92264				
3	V\$GATA_C	7	3151	(-)	NGATAAGNMNN	AGTCCATATCT
M0012		0.86187				
6	V\$GATA1_02	5	3152	(-)	NNNNNGATANKGNN	GTCCATATCTTTTC
M0012		0.79397				
7	V\$GATA1_03	4	3152	(-)	RNSNNGATAANNGN	GTCCATATCTTTTC
M0012		0.90410				
8	V\$GATA1_04	5	3152	(-)	NNCWGATARNNNN	GTCCATATCTTTT
M0007						
5	V\$GATA1_01	0.83465	3154	(-)	SNNGATNNNN	CCATATCTTT
M0007		0.88137				
6	V\$GATA2_01	1	3154	(-)	NNNGATRNNN	CCATATCTTT
M0007		0.92246				
7	V\$GATA3_01	3	3154	(-)	NNGATARNG	CCATATCTT
M0020		0.85088				
3	V\$GATA_C	5	3164	(-)	NGATAAGNMNN	TCCTTTTATCA
M0012		0.84406				
6	V\$GATA1_02	3	3165	(-)	NNNNNGATANKGNN	CCTTTTATCAGTGA

M0012		0.79299				
7	V\$GATA1_03	4	3165	(-)	RNSNNGATAANNGN	CCTTTTATCAGTGA
M0012		0.87009				
8	V\$GATA1_04	8	3165	(-)	NNCWGATARNNNN	CCTTTTATCAGTG
M0007		0.84935				
7	V\$GATA3_01	8	3167	(-)	NNGATARNG	TTTTATCAG
M0012						
6	V\$GATA1_02	0.79125	3178	(+)	NNNNNGATANKGNN	AAACAGATATAGAT
M0012						
8	V\$GATA1_04	0.90288	3179	(+)	NNCWGATARNNNN	AACAGATATAGAT
M0007		0.80355				
5	V\$GATA1_01	4	3180	(+)	SNNGATNNNN	ACAGATATAG
M0007		0.84303				
6	V\$GATA2_01	1	3180	(+)	NNNGATRNNN	ACAGATATAG
M0007		0.87594				
7	V\$GATA3_01	2	3181	(+)	NNGATARNG	CAGATATAG
M0020		0.86859				
3	V\$GATA_C	3	3182	(+)	NGATAAGNMNN	AGATATAGATC
M0007		0.80898				
5	V\$GATA1_01	3	3186	(-)	SNNGATNNNN	ATAGATCCCC
M0007		0.82679				
6	V\$GATA2_01	3	3186	(-)	NNNGATRNNN	ATAGATCCCC
M0007						
5	V\$GATA1_01	0.82922	3202	(+)	SNNGATNNNN	ACAGATTCTT
M0007						
6	V\$GATA2_01	0.81687	3202	(+)	NNNGATRNNN	ACAGATTCTT
M0007		0.83168				
5	V\$GATA1_01	8	3229	(-)	SNNGATNNNN	AAACATCATT
M0007		0.82228				
6	V\$GATA2_01	2	3229	(-)	NNNGATRNNN	AAACATCATT
M0007		0.81688				
5	V\$GATA1_01	1	3263	(-)	SNNGATNNNN	ATAAATCTTG
M0007		0.79882				
6	V\$GATA2_01	7	3263	(-)	NNNGATRNNN	ATAAATCTTG
M0007		0.89141				
5	V\$GATA1_01	2	3289	(+)	SNNGATNNNN	GCAGATTGAG
M0007		0.86197				
6	V\$GATA2_01	6	3289	(+)	NNNGATRNNN	GCAGATTGAG
M0007		0.90252				
7	V\$GATA3_01	5	3290	(+)	NNGATARNG	CAGATTGAG
M0012		0.79437				
6	V\$GATA1_02	5	3320	(+)	NNNNNGATANKGNN	TTTATGATAAAAAA
M0012		0.90165				
8	V\$GATA1_04	4	3321	(+)	NNCWGATARNNNN	TTATGATAAAAAA
M0007		0.79837				
6	V\$GATA2_01	6	3322	(+)	NNNGATRNNN	TATGATAAAA
M0007		0.85511				
7	V\$GATA3_01	7	3323	(+)	NNGATARNG	ATGATAAAA
M0020		0.93662				
3	V\$GATA_C	6	3324	(+)	NGATAAGNMNN	TGATAAAAAAT
M0007		0.78035				
5	V\$GATA1_01	5	3334	(-)	SNNGATNNNN	TAAAAATCCAG
M0012		0.80818				
7	V\$GATA1_03	2	3338	(+)	RNSNNGATAANNGN	ATCCAGACAAACAG
M0007		0.79812				
5	V\$GATA1_01	4	3356	(+)	SNNGATNNNN	TCAGATTATT
M0007		0.82318				
6	V\$GATA2_01	4	3356	(+)	NNNGATRNNN	TCAGATTATT
M0007		0.82720				
7	V\$GATA3_01	4	3357	(+)	NNGATARNG	CAGATTATT
M0020		0.86175				
3	V\$GATA_C	8	3363	(-)	NGATAAGNMNN	ATTTTTTGCT
M0012		0.78564				
7	V\$GATA1_03	4	3372	(-)	RNSNNGATAANNGN	CTTTTATATACTT
M0012		0.80769				
7	V\$GATA1_03	2	3380	(-)	RNSNNGATAANNGN	ATACTTTTCTCCAC

M0007		0.78890				
6	V\$GATA2_01	4	3391	(+)	NNNGATRNNN	CACCATATTC
M0012						
6	V\$GATA1_02	0.83	3407	(+)	NNNNNGATANKGNN	CAGAAGATAATTTA
M0012		0.85668				
7	V\$GATA1_03	8	3407	(+)	RNSNNGATAANNGN	CAGAAGATAATTTA
M0012		0.84926				
8	V\$GATA1_04	5	3408	(+)	NNCWGATARNNNN	AGAAGATAATTTA
M0007		0.85735				
5	V\$GATA1_01	4	3409	(+)	SNNGATNNNN	GAAGATAATT
M0007		0.89400				
6	V\$GATA2_01	1	3409	(+)	NNNGATRNNN	GAAGATAATT
M0007		0.86663				
7	V\$GATA3_01	7	3410	(+)	NNGATARNG	AAGATAATT
M0020						
3	V\$GATA_C	0.85306	3411	(+)	NGATAAGNMNN	AGATAATTTAC
M0012		0.80769				
7	V\$GATA1_03	2	3418	(-)	RNSNNGATAANNGN	TTACTTTTCTTGAT
M0007		0.84106				
5	V\$GATA1_01	6	3426	(+)	SNNGATNNNN	CTTGATTTTT
M0020		0.83690				
3	V\$GATA_C	6	3429	(-)	NGATAAGNMNN	GATTTTTGTCA
M0012		0.77531				
6	V\$GATA1_02	3	3540	(+)	NNNNNGATANKGNN	CTTGTGATATTATT
M0007		0.83316				
5	V\$GATA1_01	9	3542	(+)	SNNGATNNNN	TGTGATATTA
M0007		0.86152				
6	V\$GATA2_01	5	3542	(+)	NNNGATRNNN	TGTGATATTA
M0007		0.86043				
7	V\$GATA3_01	4	3543	(+)	NNGATARNG	GTGATATTA
M0007		0.81490				
5	V\$GATA1_01	6	3610	(-)	SNNGATNNNN	AAACATCCTA
M0007		0.88046				
6	V\$GATA2_01	9	3610	(-)	NNNGATRNNN	AAACATCCTA
M0012						
6	V\$GATA1_02	0.85125	3613	(-)	NNNNNGATANKGNN	CATCCTATCAAGCA
M0012						
7	V\$GATA1_03	0.78197	3613	(-)	RNSNNGATAANNGN	CATCCTATCAAGCA
M0012		0.84466				
8	V\$GATA1_04	9	3613	(-)	NNCWGATARNNNN	CATCCTATCAAGC
M0007						
5	V\$GATA1_01	0.88845	3615	(-)	SNNGATNNNN	TCCTATCAAG
M0007		0.82363				
6	V\$GATA2_01	6	3615	(-)	NNNGATRNNN	TCCTATCAAG
M0007		0.89986				
7	V\$GATA3_01	7	3615	(-)	NNGATARNG	TCCTATCAA
M0007		0.80651				
5	V\$GATA1_01	5	3694	(+)	SNNGATNNNN	AGTGATGATA
M0007		0.78574				
6	V\$GATA2_01	7	3694	(+)	NNNGATRNNN	AGTGATGATA
M0007		0.83872				
7	V\$GATA3_01	4	3695	(+)	NNGATARNG	GTGATGATA
M0012		0.80718				
6	V\$GATA1_02	7	3695	(+)	NNNNNGATANKGNN	GTGATGATAAATTG
M0012		0.87040				
7	V\$GATA1_03	7	3695	(+)	RNSNNGATAANNGN	GTGATGATAAATTG
M0012		0.86795				
8	V\$GATA1_04	3	3696	(+)	NNCWGATARNNNN	TGATGATAAATTG
M0007		0.83859				
5	V\$GATA1_01	8	3697	(+)	SNNGATNNNN	GATGATAAAT
M0007						
6	V\$GATA2_01	0.84258	3697	(+)	NNNGATRNNN	GATGATAAAT
M0007		0.82321				
7	V\$GATA3_01	7	3698	(+)	NNGATARNG	ATGATAAAT
M0020		0.83566				
3	V\$GATA_C	3	3699	(+)	NGATAAGNMNN	TGATAAATTGC

M0012		0.83406				
6	V\$GATA1_02	3	3776	(-)	NNNNNGATANKGNN	TGTAATATCTCAA
M0012		0.82077				
8	V\$GATA1_04	2	3776	(-)	NNCWGATARNNNN	TGTAATATCTCA
M0007		0.84007				
5	V\$GATA1_01	9	3778	(-)	SNNGATNNNN	TAATATCTTC
M0007		0.87911				
6	V\$GATA2_01	6	3778	(-)	NNNGATRNNN	TAATATCTTC
M0007		0.86663				
7	V\$GATA3_01	7	3778	(-)	NNGATARNG	TAATATCTT
M0007		0.78726				
5	V\$GATA1_01	6	3804	(-)	SNNGATNNNN	ATTGATCTGC
M0007		0.79747				
6	V\$GATA2_01	4	3804	(-)	NNNGATRNNN	ATTGATCTGC
M0007		0.79318				
5	V\$GATA1_01	9	3935	(+)	SNNGATNNNN	ATTGATTCTT
M0020		0.84653				
3	V\$GATA_C	6	3941	(-)	NGATAAGNMNN	TCTTCTATCT
M0012						
6	V\$GATA1_02	0.84375	3942	(-)	NNNNNGATANKGNN	CTTCTATCTCTTC
M0012		0.84198				
7	V\$GATA1_03	9	3942	(-)	RNSNNGATAANNGN	CTTCTATCTCTTC
M0012		0.90471				
8	V\$GATA1_04	8	3942	(-)	NNCWGATARNNNN	CTTCTATCTCTT
M0007		0.81145				
5	V\$GATA1_01	1	3944	(-)	SNNGATNNNN	TTCTATCTCT
M0007		0.83671				
6	V\$GATA2_01	6	3944	(-)	NNNGATRNNN	TTCTATCTCT
M0007		0.92423				
7	V\$GATA3_01	6	3944	(-)	NNGATARNG	TTCTATCTC
M0007		0.77788				
5	V\$GATA1_01	7	3984	(+)	SNNGATNNNN	CTTGATCTCA
M0007		0.79612				
6	V\$GATA2_01	1	3984	(-)	NNNGATRNNN	CTTGATCTCA
M0012		0.80937				
6	V\$GATA1_02	5	4013	(+)	NNNNNGATANKGNN	AATTAGATACTCTA
M0007		0.78973				
5	V\$GATA1_01	3	4015	(+)	SNNGATNNNN	TTAGATACTC
M0007		0.82047				
6	V\$GATA2_01	8	4015	(+)	NNNGATRNNN	TTAGATACTC
M0020		0.86206				
3	V\$GATA_C	9	4019	(-)	NGATAAGNMNN	ATACTCTATCA
M0012						
6	V\$GATA1_02	0.81625	4020	(-)	NNNNNGATANKGNN	TACTCTATCACACA
M0012						
8	V\$GATA1_04	0.85723	4020	(-)	NNCWGATARNNNN	TACTCTATCACAC
M0007		0.88746				
5	V\$GATA1_01	3	4022	(-)	SNNGATNNNN	CTCTATCACA
M0007		0.90076				
6	V\$GATA2_01	7	4022	(-)	NNNGATRNNN	CTCTATCACA
M0007		0.93575				
7	V\$GATA3_01	5	4022	(-)	NNGATARNG	CTCTATCAC
M0007		0.79417				
5	V\$GATA1_01	6	4048	(-)	SNNGATNNNN	ATTAATCTTC
M0007		0.78935				
6	V\$GATA2_01	5	4048	(-)	NNNGATRNNN	ATTAATCTTC
M0012						
6	V\$GATA1_02	0.85625	4058	(-)	NNNNNGATANKGNN	CACCTATCCACTA
M0007		0.90572				
5	V\$GATA1_01	6	4060	(-)	SNNGATNNNN	CCCTATCCAC
M0007		0.89760				
6	V\$GATA2_01	9	4060	(-)	NNNGATRNNN	CCCTATCCAC
M0007		0.91315				
7	V\$GATA3_01	9	4060	(-)	NNGATARNG	CCCTATCCA
M0012		0.82361				
7	V\$GATA1_03	6	4102	(+)	RNSNNGATAANNGN	AGCCAGACAGCAGA

M0012		0.89343				
6	V\$GATA1_02	7	4113	(+)	NNNNNGATANKGNN	AGAGAGATAAGGTT
M0012		0.89882				
7	V\$GATA1_03	4	4113	(+)	RNSNNGATAANNNGN	AGAGAGATAAGGTT
M0012		0.90410				
8	V\$GATA1_04	5	4114	(+)	NNCWGATARNNNN	GAGAGATAAGGTT
M0007		0.84501				
5	V\$GATA1_01	5	4115	(+)	SNNGATNNNN	AGAGATAAGG
M0007		0.87460				
6	V\$GATA2_01	5	4115	(+)	NNNGATRNNN	AGAGATAAGG
M0007		0.97164				
7	V\$GATA3_01	4	4116	(+)	NNGATARNG	GAGATAAGG
M0020		0.92854				
3	V\$GATA_C	9	4117	(+)	NGATAAGNMNN	AGATAAGGTTC
M0007		0.79837				
6	V\$GATA2_01	6	4154	(+)	NNNGATRNNN	TCAGTTAGCT
M0007		0.83085				
6	V\$GATA2_01	3	4160	(-)	NNNGATRNNN	AGCTATGATA
M0012		0.84834				
8	V\$GATA1_04	6	4162	(+)	NNCWGATARNNNN	CTATGATAAATAC
M0007						
5	V\$GATA1_01	0.78233	4163	(+)	SNNGATNNNN	TATGATAAAT
M0007		0.82814				
6	V\$GATA2_01	6	4163	(+)	NNNGATRNNN	TATGATAAAT
M0007		0.82321				
7	V\$GATA3_01	7	4164	(+)	NNGATARNG	ATGATAAAT
M0020		0.95215				
3	V\$GATA_C	9	4165	(+)	NGATAAGNMNN	TGATAAATACT
M0012		0.84345				
7	V\$GATA1_03	9	4174	(-)	RNSNNGATAANNNGN	CTGAATATCTTCTT
M0012		0.84160				
8	V\$GATA1_04	5	4174	(-)	NNCWGATARNNNN	CTGAATATCTTCT
M0007		0.86080				
5	V\$GATA1_01	9	4176	(-)	SNNGATNNNN	GAATATCTTC
M0007		0.90527				
6	V\$GATA2_01	7	4176	(-)	NNNGATRNNN	GAATATCTTC
M0007		0.83473				
7	V\$GATA3_01	6	4176	(-)	NNGATARNG	GAATATCTT
M0012		0.79887				
7	V\$GATA1_03	3	4220	(-)	RNSNNGATAANNNGN	AATTGTATCCAGAT
M0007		0.78578				
5	V\$GATA1_01	5	4222	(-)	SNNGATNNNN	TTGTATCCAG
M0012		0.81156				
6	V\$GATA1_02	2	4226	(+)	NNNNNGATANKGNN	ATCCAGATACTCAG
M0012		0.89784				
7	V\$GATA1_03	4	4226	(+)	RNSNNGATAANNNGN	ATCCAGATACTCAG
M0012		0.81770				
8	V\$GATA1_04	8	4227	(+)	NNCWGATARNNNN	TCCAGATACTCAG
M0007		0.90720				
5	V\$GATA1_01	6	4228	(+)	SNNGATNNNN	CCAGATACTC
M0007						
6	V\$GATA2_01	0.91926	4228	(+)	NNNGATRNNN	CCAGATACTC
M0012		0.83656				
6	V\$GATA1_02	3	4234	(+)	NNNNNGATANKGNN	ACTCAGATAGTTGA
M0012		0.81161				
7	V\$GATA1_03	2	4234	(+)	RNSNNGATAANNNGN	ACTCAGATAGTTGA
M0012		0.83057				
8	V\$GATA1_04	6	4235	(+)	NNCWGATARNNNN	CTCAGATAGTTGA
M0007		0.88696				
5	V\$GATA1_01	9	4236	(+)	SNNGATNNNN	TCAGATAGTT
M0007		0.93910				
6	V\$GATA2_01	7	4236	(+)	NNNGATRNNN	TCAGATAGTT
M0007		0.88923				
7	V\$GATA3_01	3	4237	(+)	NNGATARNG	CAGATAGTT
M0020		0.83317				
3	V\$GATA_C	8	4238	(+)	NGATAAGNMNN	AGATAGTTGAT

M0007		0.80355				
5	V\$GATA1_01	4	4243	(+)	SNNGATNNNN	GTTGATTACC
M0012		0.79103				
7	V\$GATA1_03	4	4244	(-)	RNSNNGATAANNGN	TTGATTACCCTCTC
M0012		0.79562				
6	V\$GATA1_02	5	4249	(-)	NNNNNGATANKGNN	TACCTCTCACTTC
M0007		0.85245				
7	V\$GATA3_01	9	4251	(-)	NNGATARNG	CCCTCTCAC
M0012		0.79568				
7	V\$GATA1_03	8	4256	(-)	RNSNNGATAANNGN	TCACTTCTCTGTTT
M0012		0.81280				
8	V\$GATA1_04	6	4256	(-)	NNCWGATARNNNN	TCACTTCTCTGTT
M0012		0.79470				
7	V\$GATA1_03	8	4263	(-)	RNSNNGATAANNGN	TCTGTTTTCATTAC
M0012						
6	V\$GATA1_02	0.79	4301	(+)	NNNNNGATANKGNN	CATTGATAAGTAT
M0012		0.90686				
8	V\$GATA1_04	3	4302	(+)	NNCWGATARNNNN	ATTTGATAAGTAT
M0007		0.79812				
5	V\$GATA1_01	4	4303	(+)	SNNGATNNNN	TTTGATAAGT
M0007		0.79296				
6	V\$GATA2_01	3	4303	(+)	NNNGATRNNN	TTTGATAAGT
M0007						
7	V\$GATA3_01	0.83961	4304	(+)	NNGATARNG	TTGATAAGT
M0020						
3	V\$GATA_C	0.9242	4305	(+)	NGATAAGNMNN	TGATAAGTATG
M0007		0.79251				
6	V\$GATA2_01	2	4353	(-)	NNNGATRNNN	AAATATGGTG
M0007		0.78084				
5	V\$GATA1_01	9	4369	(+)	SNNGATNNNN	TCAGATTTTA
M0007						
6	V\$GATA2_01	0.8083	4369	(+)	NNNGATRNNN	TCAGATTTTA
M0007		0.82720				
7	V\$GATA3_01	4	4370	(+)	NNGATARNG	CAGATTTTA
M0007		0.78084				
5	V\$GATA1_01	9	4382	(-)	SNNGATNNNN	TAAATCATA
M0007		0.78890				
6	V\$GATA2_01	4	4382	(-)	NNNGATRNNN	TAAATCATA
M0020		0.84995				
3	V\$GATA_C	3	4400	(-)	NGATAAGNMNN	ACTAATTATCT
M0012		0.83906				
6	V\$GATA1_02	2	4401	(-)	NNNNNGATANKGNN	CTAATTATCTCTTA
M0012		0.79813				
7	V\$GATA1_03	8	4401	(-)	RNSNNGATAANNGN	CTAATTATCTCTTA
M0012		0.89246				
8	V\$GATA1_04	3	4401	(-)	NNCWGATARNNNN	CTAATTATCTCTT
M0007		0.82132				
5	V\$GATA1_01	3	4403	(-)	SNNGATNNNN	AATTATCTCT
M0007						
6	V\$GATA2_01	0.85521	4403	(-)	NNNGATRNNN	AATTATCTCT
M0007		0.88391				
7	V\$GATA3_01	7	4403	(-)	NNGATARNG	AATTATCTC
M0012						
7	V\$GATA1_03	0.78001	4440	(+)	RNSNNGATAANNGN	ACCTAAATAAATGG
M0012		0.84742				
8	V\$GATA1_04	6	4482	(-)	NNCWGATARNNNN	CTCCTTTTCTGAC
M0020		0.90338				
3	V\$GATA_C	6	4577	(-)	NGATAAGNMNN	AAGTATTATCT
M0012		0.85031				
6	V\$GATA1_02	3	4578	(-)	NNNNNGATANKGNN	AGTATTATCTACTT
M0012		0.88265				
7	V\$GATA1_03	6	4578	(-)	RNSNNGATAANNGN	AGTATTATCTACTT
M0012		0.86335				
8	V\$GATA1_04	8	4578	(-)	NNCWGATARNNNN	AGTATTATCTACT
M0007		0.78578				
5	V\$GATA1_01	5	4580	(-)	SNNGATNNNN	TATTATCTAC

M0007		0.78258				
6	V\$GATA2_01	9	4580	(-)	NNNGATRNNN	TATTATCTAC
M0007		0.87416				
7	V\$GATA3_01	9	4580	(-)	NNGATARNG	TATTATCTA
M0007		0.83662				
5	V\$GATA1_01	4	4621	(-)	SNNGATNNNN	AAAAATCAAC
M0007		0.87549				
7	V\$GATA3_01	8	4800	(-)	NNGATARNG	CATAATCTA
M0012		0.78187				
6	V\$GATA1_02	5	4825	(-)	NNNNNGATANKGNN	TCCATTCTCATTAT
M0012		0.80450				
7	V\$GATA1_03	8	4825	(-)	RNSNNGATAANNNGN	TCCATTCTCATTAT
M0007		0.78258				
6	V\$GATA2_01	9	4833	(-)	NNNGATRNNN	CATTATGATG
M0007		0.81194				
5	V\$GATA1_01	5	4836	(+)	SNNGATNNNN	TATGATGGAA
M0007						
6	V\$GATA2_01	0.82138	4836	(+)	NNNGATRNNN	TATGATGGAA
M0007		0.82986				
7	V\$GATA3_01	3	4837	(+)	NNGATARNG	ATGATGGAA
M0020						
3	V\$GATA_C	0.95278	4845	(-)	NGATAAGNMNN	ATGTTTTATCT
M0012		0.87843				
6	V\$GATA1_02	7	4846	(-)	NNNNNGATANKGNN	TGTTTTATCTCTAC
M0012		0.84051				
7	V\$GATA1_03	9	4846	(-)	RNSNNGATAANNNGN	TGTTTTATCTCTAC
M0012		0.88786				
8	V\$GATA1_04	8	4846	(-)	NNCWGATARNNNN	TGTTTTATCTCTA
M0007		0.78529				
6	V\$GATA2_01	5	4848	(-)	NNNGATRNNN	TTTTATCTCT
M0007		0.89587				
7	V\$GATA3_01	9	4848	(-)	NNGATARNG	TTTTATCTC
M0007		0.85192				
5	V\$GATA1_01	5	4866	(+)	SNNGATNNNN	CTGGATGTGT
M0007		0.81416				
6	V\$GATA2_01	3	4866	(+)	NNNGATRNNN	CTGGATGTGT
M0020		0.88692				
3	V\$GATA_C	1	4938	(+)	NGATAAGNMNN	AGACAAGTATT
M0007		0.85378				
7	V\$GATA3_01	8	4952	(+)	NNGATARNG	AAGATTTGA
M0012		0.83937				
6	V\$GATA1_02	5	4954	(+)	NNNNNGATANKGNN	GATTTGATAGGCAA
M0012		0.87316				
8	V\$GATA1_04	2	4955	(+)	NNCWGATARNNNN	ATTTGATAGGCAA
M0007						
5	V\$GATA1_01	0.84847	4956	(+)	SNNGATNNNN	TTTGATAGGC
M0007		0.84077				
6	V\$GATA2_01	6	4956	(+)	NNNGATRNNN	TTTGATAGGC
M0007		0.86796				
7	V\$GATA3_01	6	4957	(+)	NNGATARNG	TTGATAGGC
M0020						
3	V\$GATA_C	0.90028	4958	(+)	NGATAAGNMNN	TGATAGGCAAC
M0007		0.80799				
5	V\$GATA1_01	6	4982	(+)	SNNGATNNNN	AATGATTTTT
M0007		0.78619				
6	V\$GATA2_01	8	4982	(+)	NNNGATRNNN	AATGATTTTT
M0007		0.86486				
7	V\$GATA3_01	5	4994	(-)	NNGATARNG	TATAATCTT
M0012		0.79397				
7	V\$GATA1_03	4	5033	(+)	RNSNNGATAANNNGN	GGAAAGTAAGAAA
M0020		0.83069				
3	V\$GATA_C	3	5037	(+)	NGATAAGNMNN	AGGTAAGAAAT
M0007		0.77492				
5	V\$GATA1_01	6	5102	(+)	SNNGATNNNN	GGTGTTATGC
M0007		0.78349				
6	V\$GATA2_01	1	5104	(-)	NNNGATRNNN	TGTTATGCCA

M0007		0.83662				
5	V\$GATA1_01	4	5136	(-)	SNNGATNNNN	AAAAATCACT
M0007		0.79431				
6	V\$GATA2_01	7	5136	(-)	NNNGATRNNN	AAAAATCACT
M0007		0.79318				
5	V\$GATA1_01	9	5177	(+)	SNNGATNNNN	AGAGATGAAG
M0007		0.79972				
6	V\$GATA2_01	9	5177	(+)	NNNGATRNNN	AGAGATGAAG
M0007		0.87727				
7	V\$GATA3_01	1	5178	(+)	NNGATARNG	GAGATGAAG
M0012		0.79312				
6	V\$GATA1_02	5	5181	(+)	NNNNNGATANKGNN	ATGAAGATAACTCA
M0012		0.91254				
7	V\$GATA1_03	3	5181	(+)	RNSNNGATAANNGN	ATGAAGATAACTCA
M0012		0.88449				
8	V\$GATA1_04	8	5182	(+)	NNCWGATARNNNN	TGAAGATAACTCA
M0007		0.85735				
5	V\$GATA1_01	4	5183	(+)	SNNGATNNNN	GAAGATAACT
M0007		0.91294				
6	V\$GATA2_01	5	5183	(+)	NNNGATRNNN	GAAGATAACT
M0007		0.85068				
7	V\$GATA3_01	7	5184	(+)	NNGATARNG	AAGATAACT
M0020		0.87014				
3	V\$GATA_C	6	5185	(+)	NGATAAGNMNN	AGATAACTCAG
M0007		0.78755				
6	V\$GATA2_01	1	5196	(-)	NNNGATRNNN	AACTATGACT
M0012		0.78931				
7	V\$GATA1_03	9	5208	(+)	RNSNNGATAANNGN	AACAAGATGAAAGA
M0007		0.78677				
5	V\$GATA1_01	2	5210	(+)	SNNGATNNNN	CAAGATGAAA
M0007		0.79025				
6	V\$GATA2_01	7	5210	(+)	NNNGATRNNN	CAAGATGAAA
M0007		0.82498				
7	V\$GATA3_01	9	5211	(+)	NNGATARNG	AAGATGAAA
M0012		0.84468				
6	V\$GATA1_02	8	5215	(+)	NNNNNGATANKGNN	TGAAAGATAATAAT
M0012		0.81724				
7	V\$GATA1_03	6	5215	(+)	RNSNNGATAANNGN	TGAAAGATAATAAT
M0012		0.88970				
8	V\$GATA1_04	6	5216	(+)	NNCWGATARNNNN	GAAAGATAATAAT
M0007		0.81732				
6	V\$GATA2_01	1	5217	(+)	NNNGATRNNN	AAAGATAATA
M0007		0.89853				
7	V\$GATA3_01	8	5218	(+)	NNGATARNG	AAGATAATA
M0012		0.82116				
7	V\$GATA1_03	6	5218	(+)	RNSNNGATAANNGN	AAGATAATAATAGT
M0020		0.89251				
3	V\$GATA_C	3	5219	(+)	NGATAAGNMNN	AGATAATAATA
M0012		0.85031				
6	V\$GATA1_02	3	5312	(+)	NNNNNGATANKGNN	AAGGAGATAATACA
M0012		0.89882				
7	V\$GATA1_03	4	5312	(+)	RNSNNGATAANNGN	AAGGAGATAATACA
M0012		0.88235				
8	V\$GATA1_04	3	5313	(+)	NNCWGATARNNNN	AGGAGATAATACA
M0007		0.85044				
5	V\$GATA1_01	4	5314	(+)	SNNGATNNNN	GGAGATAATA
M0007						
6	V\$GATA2_01	0.87235	5314	(+)	NNNGATRNNN	GGAGATAATA
M0007		0.91581				
7	V\$GATA3_01	7	5315	(+)	NNGATARNG	GAGATAATA
M0020						
3	V\$GATA_C	0.90028	5316	(+)	NGATAAGNMNN	AGATAATACAA
M0007		0.80108				
5	V\$GATA1_01	6	5400	(+)	SNNGATNNNN	TAAGATACAT
M0007		0.86558				
6	V\$GATA2_01	4	5400	(+)	NNNGATRNNN	TAAGATACAT

M0020		0.83628				
3	V\$GATA_C	5	5402	(+)	NGATAAGNMNN	AGATACATTTTC
M0007		0.77591				
5	V\$GATA1_01	3	5426	(+)	SNNGATNNNN	TTTGATGGAA
M0012		0.82680				
7	V\$GATA1_03	1	5447	(-)	RNSNNGATAANNGN	TTTATTATATTCAT
M0012		0.82680				
7	V\$GATA1_03	1	5456	(-)	RNSNNGATAANNGN	TTCATTTTCTCCAT
M0020		0.85616				
3	V\$GATA_C	7	5487	(-)	NGATAAGNMNN	ACATTTTATCT
M0012						
6	V\$GATA1_02	0.86625	5488	(-)	NNNNNGATANKGNN	CATTTTATCTTTAC
M0012		0.85668				
7	V\$GATA1_03	8	5488	(-)	RNSNNGATAANNGN	CATTTTATCTTTAC
M0012		0.87622				
8	V\$GATA1_04	5	5488	(-)	NNCWGATARNNNN	CATTTTATCTTTA
M0007						
7	V\$GATA3_01	0.8786	5490	(-)	NNGATARNG	TTTTATCTT
M0012						
6	V\$GATA1_02	0.8425	5497	(-)	NNNNNGATANKGNN	TTTACTATCTTGCA
M0012		0.80989				
7	V\$GATA1_03	7	5497	(-)	RNSNNGATAANNGN	TTTACTATCTTGCA
M0012		0.86519				
8	V\$GATA1_04	6	5497	(-)	NNCWGATARNNNN	TTTACTATCTTGC
M0007		0.89141				
5	V\$GATA1_01	2	5499	(-)	SNNGATNNNN	TACTATCTTG
M0007		0.91023				
6	V\$GATA2_01	9	5499	(-)	NNNGATRNNN	TACTATCTTG
M0007		0.92689				
7	V\$GATA3_01	4	5499	(-)	NNGATARNG	TACTATCTT
M0020						
3	V\$GATA_C	0.89593	5506	(-)	NGATAAGNMNN	TTGCATTATCA
M0012		0.84281				
6	V\$GATA1_02	2	5507	(-)	NNNNNGATANKGNN	TGCATTATCAAATG
M0012		0.86243				
8	V\$GATA1_04	9	5507	(-)	NNCWGATARNNNN	TGCATTATCAAAT
M0007		0.79713				
5	V\$GATA1_01	7	5509	(-)	SNNGATNNNN	CATTATCAAA
M0007		0.79972				
6	V\$GATA2_01	9	5509	(-)	NNNGATRNNN	CATTATCAAA
M0007		0.88568				
7	V\$GATA3_01	9	5509	(-)	NNGATARNG	CATTATCAA
M0012		0.80450				
7	V\$GATA1_03	8	5560	(+)	RNSNNGATAANNGN	GTGGAGAAAGCTGT
M0007		0.77838				
5	V\$GATA1_01	1	5562	(+)	SNNGATNNNN	GGAGAAAGCT
M0012		0.79397				
7	V\$GATA1_03	4	5602	(+)	RNSNNGATAANNGN	AGCTTGATGATGAA
M0007		0.85784				
5	V\$GATA1_01	8	5604	(+)	SNNGATNNNN	CTTGATGATG
M0007		0.78033				
6	V\$GATA2_01	4	5604	(+)	NNNGATRNNN	CTTGATGATG
M0007		0.83207				
7	V\$GATA3_01	8	5605	(+)	NNGATARNG	TTGATGATG
M0007						
5	V\$GATA1_01	0.80306	5607	(+)	SNNGATNNNN	GATGATGAAA
M0007		0.78439				
6	V\$GATA2_01	3	5607	(+)	NNNGATRNNN	GATGATGAAA
M0012		0.81504				
7	V\$GATA1_03	2	5608	(+)	RNSNNGATAANNGN	ATGATGAAAACGCC
M0012						
6	V\$GATA1_02	0.775	5633	(+)	NNNNNGATANKGNN	TTATAGATATCCAT
M0007						
6	V\$GATA2_01	0.79567	5635	(+)	NNNGATRNNN	ATAGATATCC
M0007		0.77048				
5	V\$GATA1_01	4	5637	(-)	SNNGATNNNN	AGATATCCAT

M0007		0.81371				
6	V\$GATA2_01	2	5637	(-)	NNNGATRNNN	AGATATCCAT
M0012		0.81014				
7	V\$GATA1_03	2	5663	(-)	RNSNNGATAANNGN	CTTCTTTTCTGTCC
M0012		0.82322				
8	V\$GATA1_04	3	5663	(-)	NNCWGATARNNNN	CTTCTTTTCTGTC
M0012		0.82680				
7	V\$GATA1_03	1	5700	(+)	RNSNNGATAANNGN	AGCAAGGTAAGGAA
M0012		0.82263				
7	V\$GATA1_03	6	5709	(+)	RNSNNGATAANNGN	AGGAACATAAATGA
M0012		0.78218				
6	V\$GATA1_02	8	5716	(+)	NNNNNGATANKGNN	TAAATGATATTTAA
M0012		0.81832				
8	V\$GATA1_04	1	5717	(+)	NNCWGATARNNNN	AAATGATATTTAA
M0007		0.83168				
5	V\$GATA1_01	8	5718	(+)	SNNGATNNNN	AATGATATTT
M0007		0.85069				
6	V\$GATA2_01	9	5718	(+)	NNNGATRNNN	AATGATATTT
M0020		0.85523				
3	V\$GATA_C	5	5737	(-)	NGATAAGNMNN	TAAAGTTATCT
M0012		0.79343				
6	V\$GATA1_02	8	5738	(-)	NNNNNGATANKGNN	AAAGTTATCTCAAA
M0012		0.86335				
8	V\$GATA1_04	8	5738	(-)	NNCWGATARNNNN	AAAGTTATCTCAA
M0007		0.82971				
5	V\$GATA1_01	4	5740	(-)	SNNGATNNNN	AGTTATCTCA
M0007		0.90663				
6	V\$GATA2_01	1	5740	(-)	NNNGATRNNN	AGTTATCTCA
M0007		0.86796				
7	V\$GATA3_01	6	5740	(-)	NNGATARNG	AGTTATCTC
M0007		0.82773				
5	V\$GATA1_01	9	5748	(-)	SNNGATNNNN	CAAAATCATA
M0007		0.83175				
6	V\$GATA2_01	5	5748	(-)	NNNGATRNNN	CAAAATCATA
M0007		0.84448				
7	V\$GATA3_01	4	5748	(-)	NNGATARNG	CAAAATCAT
M0007		0.83119				
5	V\$GATA1_01	4	5772	(+)	SNNGATNNNN	ATTGATTGGT
M0007		0.83429				
7	V\$GATA3_01	3	5773	(+)	NNGATARNG	TTGATTGGT
M0012		0.78515				
7	V\$GATA1_03	4	5818	(+)	RNSNNGATAANNGN	ATGAAAATACGAAA
M0007		0.79521				
6	V\$GATA2_01	9	5839	(-)	NNNGATRNNN	TGGTATGTCA
M0007		0.81095				
5	V\$GATA1_01	8	5931	(+)	SNNGATNNNN	ACTGATGAGA
M0007		0.79206				
6	V\$GATA2_01	1	5931	(+)	NNNGATRNNN	ACTGATGAGA
M0007		0.83650				
7	V\$GATA3_01	9	5932	(+)	NNGATARNG	CTGATGAGA
M0007		0.79431				
6	V\$GATA2_01	7	5936	(+)	NNNGATRNNN	TGAGATCTAC
M0007		0.80063				
6	V\$GATA2_01	1	5985	(-)	NNNGATRNNN	AACCATGAGG
M0012						
7	V\$GATA1_03	0.78001	5989	(+)	RNSNNGATAANNGN	ATGAGGAGACAAGG
M0012		0.78031				
6	V\$GATA1_02	2	5991	(+)	NNNNNGATANKGNN	GAGGAGACAAGGCA
M0020		0.89996				
3	V\$GATA_C	9	5995	(+)	NGATAAGNMNN	AGACAAGGCAT
M0012		0.82812				
6	V\$GATA1_02	5	6020	(+)	NNNNNGATANKGNN	GAATGGATAAAAAGA
M0012		0.84370				
7	V\$GATA1_03	4	6020	(+)	RNSNNGATAANNGN	GAATGGATAAAAAGA
M0020		0.90090				
3	V\$GATA_C	1	6024	(+)	NGATAAGNMNN	GGATAAAAAGAA

M0012		0.78466				
7	V\$GATA1_03	4	6059	(-)	RNSNNGATAANNGN	CAGACTATTTTCAC
M0007		0.83316				
5	V\$GATA1_01	9	6071	(+)	SNNGATNNNN	ACTGATCGCC
M0007		0.86179				
5	V\$GATA1_01	7	6071	(-)	SNNGATNNNN	ACTGATCGCC
M0007		0.84618				
6	V\$GATA2_01	9	6071	(+)	NNNGATRNNN	ACTGATCGCC
M0007		0.84077				
6	V\$GATA2_01	6	6071	(-)	NNNGATRNNN	ACTGATCGCC
M0012						
8	V\$GATA1_04	0.85723	6118	(-)	NNCWGATARNNNN	CAATATATCTGCT
M0007		0.85686				
5	V\$GATA1_01	1	6120	(-)	SNNGATNNNN	ATATATCTGC
M0007		0.87686				
6	V\$GATA2_01	1	6120	(-)	NNNGATRNNN	ATATATCTGC
M0007		0.80799				
5	V\$GATA1_01	6	6155	(+)	SNNGATNNNN	AATGATTTTT
M0007		0.78619				
6	V\$GATA2_01	8	6155	(+)	NNNGATRNNN	AATGATTTTT
M0012		0.78656				
6	V\$GATA1_02	3	6303	(+)	NNNNNGATANKGNN	GGCAGGATATTGGG
M0012		0.83978				
7	V\$GATA1_03	4	6303	(+)	RNSNNGATAANNGN	GGCAGGATATTGGG
M0007		0.88696				
5	V\$GATA1_01	9	6305	(+)	SNNGATNNNN	CAGGATATTG
M0007		0.93098				
6	V\$GATA2_01	8	6305	(+)	NNNGATRNNN	CAGGATATTG
M0007		0.85644				
7	V\$GATA3_01	7	6306	(+)	NNGATARNG	AGGATATTG
M0007		0.80355				
5	V\$GATA1_01	4	6318	(-)	SNNGATNNNN	GTGAATCAAC
M0007		0.81688				
5	V\$GATA1_01	1	6333	(+)	SNNGATNNNN	TAAGATTCTT
M0007		0.84122				
6	V\$GATA2_01	7	6333	(+)	NNNGATRNNN	TAAGATTCTT
M0012		0.78312				
6	V\$GATA1_02	5	6361	(+)	NNNNNGATANKGNN	TATAATATAAGGGA
M0012		0.81770				
8	V\$GATA1_04	8	6362	(+)	NNCWGATARNNNN	ATAATATAAGGGA
M0012		0.81161				
7	V\$GATA1_03	2	6370	(+)	RNSNNGATAANNGN	AGGGAAATAAAGAA
M0007		0.81490				
5	V\$GATA1_01	6	6389	(-)	SNNGATNNNN	AAATATCCTA
M0007		0.90888				
6	V\$GATA2_01	6	6389	(-)	NNNGATRNNN	AAATATCCTA
M0007		0.78578				
5	V\$GATA1_01	5	6395	(-)	SNNGATNNNN	CCTAATCAAA
M0007						
7	V\$GATA3_01	0.87284	6395	(-)	NNGATARNG	CCTAATCAA
M0012		0.78437				
6	V\$GATA1_02	5	6400	(-)	NNNNNGATANKGNN	TCAAATATCCTTTA
M0007		0.80651				
5	V\$GATA1_01	5	6402	(-)	SNNGATNNNN	AAATATCCTT
M0007						
6	V\$GATA2_01	0.87641	6402	(-)	NNNGATRNNN	AAATATCCTT
M0007						
5	V\$GATA1_01	0.83613	6413	(-)	SNNGATNNNN	AAGTATCCTA
M0007		0.92016				
6	V\$GATA2_01	2	6413	(-)	NNNGATRNNN	AAGTATCCTA
M0007		0.78578				
5	V\$GATA1_01	5	6419	(-)	SNNGATNNNN	CCTAATCAAA
M0007						
7	V\$GATA3_01	0.87284	6419	(-)	NNGATARNG	CCTAATCAA
M0020		0.84405				
3	V\$GATA_C	1	6449	(+)	NGATAAGNMNN	GGACAAAACCTA

M0012		0.87193				
8	V\$GATA1_04	6	6461	(+)	NNCWGATARNNNN	AACAGATATCTCT
M0007		0.83168				
5	V\$GATA1_01	8	6462	(+)	SNNGATNNNN	ACAGATATCT
M0007		0.88903				
6	V\$GATA2_01	9	6462	(+)	NNNGATRNNN	ACAGATATCT
M0012						
6	V\$GATA1_02	0.81125	6462	(-)	NNNNNGATANKGNN	ACAGATATCTCTAA
M0012		0.83578				
8	V\$GATA1_04	4	6462	(-)	NNCWGATARNNNN	ACAGATATCTCTA
M0007		0.83958				
5	V\$GATA1_01	5	6464	(-)	SNNGATNNNN	AGATATCTCT
M0007		0.88903				
6	V\$GATA2_01	9	6464	(-)	NNNGATRNNN	AGATATCTCT
M0007		0.83606				
7	V\$GATA3_01	6	6464	(-)	NNGATARNG	AGATATCTC
M0012		0.88804				
7	V\$GATA1_03	5	6517	(+)	RNSNNGATAANNGN	GGCTGGATAACTAA
M0007		0.82132				
5	V\$GATA1_01	3	6519	(+)	SNNGATNNNN	CTGGATAACT
M0007		0.84032				
6	V\$GATA2_01	5	6519	(+)	NNNGATRNNN	CTGGATAACT
M0020		0.88288				
3	V\$GATA_C	3	6521	(+)	NGATAAGNMNN	GGATAACTAAA
M0007		0.80243				
6	V\$GATA2_01	6	6533	(+)	NNNGATRNNN	CAACATAGTA
M0007		0.85439				
5	V\$GATA1_01	3	6563	(-)	SNNGATNNNN	GAGCATCTCA
M0007		0.88182				
6	V\$GATA2_01	2	6563	(-)	NNNGATRNNN	GAGCATCTCA
M0007		0.82363				
6	V\$GATA2_01	6	6586	(-)	NNNGATRNNN	TGCTATGGTC
M0012		0.79250				
7	V\$GATA1_03	4	6621	(+)	RNSNNGATAANNGN	ATGGAGAAAATTCA
M0007		0.79220				
5	V\$GATA1_01	1	6651	(-)	SNNGATNNNN	ATACATCATT
M0007		0.78213				
6	V\$GATA2_01	8	6651	(-)	NNNGATRNNN	ATACATCATT
M0020		0.93227				
3	V\$GATA_C	7	6681	(-)	NGATAAGNMNN	TTTATTATCA
M0012		0.90257				
8	V\$GATA1_04	4	6682	(-)	NNCWGATARNNNN	TTATTATCACAT
M0007		0.81095				
5	V\$GATA1_01	8	6684	(-)	SNNGATNNNN	ATTTATCACA
M0007		0.83626				
6	V\$GATA2_01	5	6684	(-)	NNNGATRNNN	ATTTATCACA
M0007		0.84049				
7	V\$GATA3_01	6	6684	(-)	NNGATARNG	ATTTATCAC
M0012		0.78031				
6	V\$GATA1_02	2	6690	(-)	NNNNNGATANKGNN	CACATAATCTTTAA
M0007		0.78035				
5	V\$GATA1_01	5	6692	(-)	SNNGATNNNN	CATAATCTTT
M0007						
6	V\$GATA2_01	0.79567	6692	(-)	NNNGATRNNN	CATAATCTTT
M0007		0.89986				
7	V\$GATA3_01	7	6692	(-)	NNGATARNG	CATAATCTT
M0007		0.77245				
5	V\$GATA1_01	8	6749	(+)	SNNGATNNNN	GAAGTTAGGC
M0007		0.78845				
6	V\$GATA2_01	3	6749	(+)	NNNGATRNNN	GAAGTTAGGC
M0016		0.80820				
2	V\$OCT1_06	3	53	(+)	CWNAWTKWSATRYN	AATTCTTAGAATTT
M0013		0.91070			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	56	(-)	W	TCTTAGAATTTAAATAAACCTGT
M0013						
5	V\$OCT1_01	0.78367	58	(-)	NNNNWTATGCAAATNTNNN	TTAGAATTTAAATAAACCT

M0016		0.83984				
2	V\$OCT1_06	4	60	(+)	CWNAWTKWSATRYN	AGAATTTAAATAAA
M0016		0.86054				
2	V\$OCT1_06	7	60	(-)	CWNAWTKWSATRYN	AGAATTTAAATAAA
M0024						
8	V\$OCT1_07	0.90566	62	(-)	TNTATGNTAATT	AATTTAAATAAA
M0016		0.80039				
2	V\$OCT1_06	1	89	(-)	CWNAWTKWSATRYN	GAAACCACAAAATT
M0013		0.85319			NNNNNNNWATGCAAATNNNWNN	CCACAAAATTAGCATTTTACT-AA
8	V\$OCT1_04	9	93	(-)	W	
M0013		0.86703				
5	V\$OCT1_01	5	95	(-)	NNNNWTATGCAAATNTNNN	ACAAAATTAGCATTTTACT
M0016		0.89158				
1	V\$OCT1_05	2	97	(+)	MKNATTTGCATAYY	AAAATTAGCATTTT
M0016		0.84765				
2	V\$OCT1_06	6	97	(+)	CWNAWTKWSATRYN	AAAATTAGCATTTT
M0013		0.80129				
6	V\$OCT1_02	9	99	(-)	NNGAATATKCANNNN	AATTAGCATTTTACT
M0024		0.92177				
8	V\$OCT1_07	2	99	(-)	TNTATGNTAATT	AATTAGCATTTT
M0013		0.88858				
7	V\$OCT1_03	2	109	(+)	NNNRATAATNANNN	TTACTAATCAGTA
M0016		0.80078				
2	V\$OCT1_06	1	190	(+)	CWNAWTKWSATRYN	CAGTCTTGGGTTCAC
M0013		0.78398			NNNNNNNWATGCAAATNNNWNN	CAAGGTATTATGTATACATA-TAA
8	V\$OCT1_04	2	202	(-)	W	
M0013		0.77910				
6	V\$OCT1_02	1	205	(+)	NNGAATATKCANNNN	GGTATTATGTATACATA
M0013		0.84337			NNNNNNNWATGCAAATNNNWNN	TATTATGTATACATA-TAACAAAA
8	V\$OCT1_04	1	207	(+)	W	
M0013		0.73578				
5	V\$OCT1_01	8	209	(+)	NNNNWTATGCAAATNTNNN	TTATGTATACATATAACAA
M0013		0.78168			NNNNNNNWATGCAAATNNNWNN	TTATGTATACATA-TAACAAAATT
8	V\$OCT1_04	1	209	(+)	W	
M0019		0.79039				
5	V\$OCT1_Q6	3	211	(+)	NNNNATGCAAATNAN	ATGTATACATATAAC
M0013					NNNNNNNWATGCAAATNNNWNN	GTATACATATAACAAAATTTC-TA
8	V\$OCT1_04	0.7821	213	(+)	W	
M0016		0.83437				
2	V\$OCT1_06	5	218	(-)	CWNAWTKWSATRYN	CATATAACAAAATT
M0016		0.85234				
2	V\$OCT1_06	4	220	(-)	CWNAWTKWSATRYN	TATAACAAAATTTC
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.7867	222	(-)	W	TAACAAAATTCTATGATTTTCC
M0013		0.73197				
5	V\$OCT1_01	3	224	(-)	NNNNWTATGCAAATNTNNN	ACAAAATTCTATGATTTT
M0016		0.81367				
2	V\$OCT1_06	2	226	(-)	CWNAWTKWSATRYN	AAAATTTCTATGAT
M0024		0.79690				
8	V\$OCT1_07	5	228	(-)	TNTATGNTAATT	AATTTCTATGAT
M0016		0.80585				
2	V\$OCT1_06	9	229	(+)	CWNAWTKWSATRYN	ATTTCTATGATTTT
M0016		0.82929				
2	V\$OCT1_06	7	252	(-)	CWNAWTKWSATRYN	CATCTTTCATTCTT
M0013		0.78837			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	254	(-)	W	TCTTTCATTCTTCACTAATACGC
M0013		0.79967				
6	V\$OCT1_02	5	267	(+)	NNGAATATKCANNNN	ACTAATACGCAGTTG
M0013		0.87672				
7	V\$OCT1_03	9	292	(-)	NNNRATAATNANNN	ATGTGATTGCAAG
M0016		0.82148				
2	V\$OCT1_06	4	295	(-)	CWNAWTKWSATRYN	TGATTGCAAGTATT
M0016		0.81367				
2	V\$OCT1_06	2	309	(+)	CWNAWTKWSATRYN	GGTACTTTCCTATG
M0013		0.80405			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	329	(-)	W	TGTTAGCTTAAAAATATATTGCG

M0013		0.78816			NNNNNNNWATGCAAATNNNWNN	AAAATATATTTGCAAATGTT-
8	V\$OCT1_04	4	339	(-)	W	GAT
M0013		0.83772			NNNNNNNWATGCAAATNNNWNN	AAATATATTTGCAAATGTTGA-
8	V\$OCT1_04	5	340	(+)	W	TA
M0013		0.84261				
5	V\$OCT1_01	7	341	(-)	NNNNWTATGCAAATNTNNN	AATATATTTGCAAATGTTG
M0013		0.85864				
5	V\$OCT1_01	2	342	(+)	NNNNWTATGCAAATNTNNN	ATATATTTGCAAATGTTGA
M0019		0.81468				
5	V\$OCT1_Q6	3	344	(+)	NNNNATGCAAATNAN	ATATTTGCAAATGTT
M0016		0.83437				
2	V\$OCT1_06	5	345	(-)	CWNAWTKWSATRYN	TATTTGCAAATGTT
M0013		0.80175			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	346	(+)	W	ATTGCAAATGTTGATACTATCT
M0016		0.87851				
2	V\$OCT1_06	6	351	(+)	CWNAWTKWSATRYN	CAAATGTTGATACT
M0016		0.80078				
2	V\$OCT1_06	1	366	(-)	CWNAWTKWSATRYN	TCTATCTCAGAGCT
M0016		0.94531				
2	V\$OCT1_06	2	387	(+)	CWNAWTKWSATRYN	AAAAATTAAATACT
M0016		0.81367				
2	V\$OCT1_06	2	387	(-)	CWNAWTKWSATRYN	AAAAATTAAATACT
M0016		0.88554				
2	V\$OCT1_06	7	388	(-)	CWNAWTKWSATRYN	AAAATTAAATACTT
M0024		0.79330				
8	V\$OCT1_07	1	389	(-)	TNTATGNTAATT	AAATTAAATACT
M0013		0.84077				
7	V\$OCT1_03	4	401	(+)	NNNRTAATNANNN	TTTATAAAGACCA
M0013		0.78816			NNNNNNNWATGCAAATNNNWNN	TAAACGAAATTCTTATA-
8	V\$OCT1_04	4	427	(+)	W	TACTGA
M0016		0.84218				
2	V\$OCT1_06	7	427	(-)	CWNAWTKWSATRYN	TAAACGAAATTCTT
M0016		0.84218				
2	V\$OCT1_06	7	434	(+)	CWNAWTKWSATRYN	AATTCTTATATACT
M0013		0.78021			NNNNNNNWATGCAAATNNNWNN	TACTGAAAATGTAGATA-
8	V\$OCT1_04	7	444	(+)	W	CATAAC
M0013		0.78884				
6	V\$OCT1_02	7	446	(+)	NNGAATATKCANNNN	CTGAAAATGTAGATA
M0016		0.86015				
2	V\$OCT1_06	6	449	(+)	CWNAWTKWSATRYN	AAAATGTAGATACA
M0013		0.78941			NNNNNNNWATGCAAATNNNWNN	AAATGTAGATA-
8	V\$OCT1_04	9	450	(+)	W	CATAACTTCAGT
M0013		0.83375			NNNNNNNWATGCAAATNNNWNN	ATAGATTTATGGTAAAA-
8	V\$OCT1_04	2	473	(+)	W	TAATTT
M0013		0.79435				
5	V\$OCT1_01	3	475	(+)	NNNNWTATGCAAATNTNNN	AGATTTATGGTAAAAATAAT
M0024		0.79520				
8	V\$OCT1_07	9	478	(+)	TNTATGNTAATT	TTTATGGTAAAA
M0013		0.85654			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	485	(-)	W	TAAAATAATTTGAATCATTTTTG
M0013		0.73616				
5	V\$OCT1_01	9	487	(-)	NNNNWTATGCAAATNTNNN	AAATAATTTGAATCATTTT
M0016		0.84726				
2	V\$OCT1_06	6	488	(+)	CWNAWTKWSATRYN	AATAATTTGAATCA
M0019		0.82287				
5	V\$OCT1_Q6	1	489	(-)	NNNNATGCAAATNAN	ATAATTTGAATCATT
M0024		0.79796				
8	V\$OCT1_07	5	491	(-)	TNTATGNTAATT	AATTTGAATCAT
M0016		0.82617				
2	V\$OCT1_06	2	501	(+)	CWNAWTKWSATRYN	ATTTTTGTCAAATT
M0013		0.84670				
7	V\$OCT1_03	1	514	(+)	NNNRTAATNANNN	TCTGTAAAAAGTT
M0016		0.86796				
2	V\$OCT1_06	9	521	(+)	CWNAWTKWSATRYN	AAAGTTGTCATACA
M0013		0.79046			NNNNNNNWATGCAAATNNNWNN	AAGTTGTCATACAGAATAATT-
8	V\$OCT1_04	4	522	(+)	W	TA

M0013		0.82664			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	532	(+)	W	ACAGAATAATTTATAATATTTTT
M0013		0.82977			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	534	(-)	W	AGAATAATTTATAATATTTTTTGT
M0013		0.85499				
7	V\$OCT1_03	8	541	(+)	NNNRTAATNANNN	TTTATAATATTTT
M0013		0.78544			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	542	(-)	W	TTATAATATTTTTGTTTTCATAG
M0013		0.83939			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	548	(-)	W	TATTTTTGTTTTCATAGAAATAA
M0013		0.78272			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	553	(+)	W	TTGTTTTCATAGAAATAACATTT
M0013		0.81012			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	554	(-)	W	TGTTTTCATAGAAATAACATTTTC
M0016		0.84257				
2	V\$OCT1_06	8	563	(+)	CWNAWTKWSATRYN	AGAAATAACATTTTC
M0016		0.83476				
2	V\$OCT1_06	6	564	(-)	CWNAWTKWSATRYN	GAAATAACATTTCT
M0024		0.80326				
8	V\$OCT1_07	5	565	(-)	TNTATGNTAATT	AAATAACATTTTC
M0016		0.83437				
2	V\$OCT1_06	5	569	(-)	CWNAWTKWSATRYN	AACATTTCTGGTAG
M0013		0.81429				
6	V\$OCT1_02	3	577	(-)	NNGAATATKCANNNN	TGGTAGAATATTTCA
M0016		0.87773				
2	V\$OCT1_06	4	583	(-)	CWNAWTKWSATRYN	AATATTTCAAGGCC
M0013		0.79924			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	597	(-)	W	ATTTTTATTTTGTAATTAGGT
M0013		0.94587				
7	V\$OCT1_03	1	607	(+)	NNNRTAATNANNN	TGTGTAATTAGGT
M0013		0.85110			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	608	(+)	W	GTGTAATTAGGTAAATAAAAT-TA
M0013		0.73655				
5	V\$OCT1_01	1	610	(+)	NNNNWTATGCAAATNTNNN	GTAATTAGGTAAATAAAAT
M0016		0.82656				
2	V\$OCT1_06	2	622	(+)	CWNAWTKWSATRYN	ATAAAATTAATTTT
M0016		0.82656				
2	V\$OCT1_06	2	624	(-)	CWNAWTKWSATRYN	AAAATTAATTTTAT
M0016		0.84218				
2	V\$OCT1_06	7	636	(+)	CWNAWTKWSATRYN	ATAAAGGAAATGTC
M0019		0.84224				
5	V\$OCT1_Q6	9	641	(+)	NNNNATGCAAATNAN	GGAAATGTCAATGAT
M0016		0.91171				
2	V\$OCT1_06	9	642	(-)	CWNAWTKWSATRYN	GAAATGTCAATGAT
M0013		0.86092				
7	V\$OCT1_03	5	655	(+)	NNNRTAATNANNN	TAGACAATTAGAT
M0016		0.94531				
2	V\$OCT1_06	2	657	(+)	CWNAWTKWSATRYN	GACAATTAGATATA
M0013		0.78335			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	658	(+)	W	ACAATTAGATATAAATGAC-TACT
M0013		0.80196			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	659	(-)	W	CAATTAGATATAAATGAC-TACTT
M0019		0.79694				
5	V\$OCT1_Q6	3	662	(+)	NNNNATGCAAATNAN	TTAGATATAAATGAC
M0013		0.78168			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	677	(-)	W	TACTTTTATAAAGATGATTAAAT
M0013		0.89371				
7	V\$OCT1_03	8	681	(+)	NNNRTAATNANNN	TTTATAAAGATGA
M0013		0.81911			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	682	(+)	W	TTATAAAGATGATTAAATTT-GGA
M0016		0.83710				
2	V\$OCT1_06	9	689	(+)	CWNAWTKWSATRYN	GATGATTAAATTTG
M0013		0.89376			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	691	(-)	W	TGATTAAATTTGGATATTTGTAA
M0013		0.87676				
5	V\$OCT1_01	5	693	(-)	NNNNWTATGCAAATNTNNN	ATTAAATTTGGATATTTGT

M0013		0.74017				
5	V\$OCT1_01	6	694	(+)	NNNNWTATGCAAATNTNNN	TTAAATTTGGATATTTGTA
M0016		0.87343				
2	V\$OCT1_06	7	695	(+)	CWNAWTKWSATRYN	TAAATTTGGATATT
M0019		0.79121				
5	V\$OCT1_Q6	2	695	(-)	NNNNATGCAAATNAN	TAAATTTGGATATT
M0013		0.83513				
6	V\$OCT1_02	8	697	(-)	NNGAATATKCANNNN	AATTTGGATATTTGT
M0024		0.85499				
8	V\$OCT1_07	3	697	(-)	TNTATGNTAATT	AATTTGGATATT
M0013		0.83751			NNNNNNNWATGCAAATNNNWNN	TTGTAAGGATA-
8	V\$OCT1_04	6	708	(+)	W	CAAATATATGAA
M0013		0.75887				
5	V\$OCT1_01	1	710	(+)	NNNNWTATGCAAATNTNNN	GTAAGGATACAAATATATG
M0013		0.73616				
5	V\$OCT1_01	9	720	(+)	NNNNWTATGCAAATNTNNN	AAATATATGAAACAGTAG
M0016		0.81210				
2	V\$OCT1_06	9	749	(-)	CWNAWTKWSATRYN	GGCCTATAAATATG
M0013		0.85539				
7	V\$OCT1_03	3	751	(+)	NNNRTAATNANNN	CCTATAAATATGT
M0013		0.80740			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	751	(-)	W	CCTATAAATATGCTTTTTTAAC
M0013		0.78343				
6	V\$OCT1_02	3	754	(+)	NNGAATATKCANNNN	ATAAATATGCTTTT
M0016		0.82890				
2	V\$OCT1_06	6	756	(+)	CWNAWTKWSATRYN	AAATATGTCTTTTT
M0016		0.87578				
2	V\$OCT1_06	1	757	(-)	CWNAWTKWSATRYN	AATATGTCTTTTTT
M0016		0.85507				
2	V\$OCT1_06	8	814	(-)	CWNAWTKWSATRYN	TATATAAAATAATC
M0013					NNNNNNNWATGCAAATNNNWNN	GCTGACTAAGGTATAAACAAAT
8	V\$OCT1_04	0.78189	840	(+)	W	T
M0013		0.78105			NNNNNNNWATGCAAATNNNWNN	TAAGGTATAAACAAATTCATG
8	V\$OCT1_04	4	846	(+)	W	T
M0013		0.79168				
5	V\$OCT1_01	3	848	(+)	NNNNWTATGCAAATNTNNN	AGGTATAAACAAATTCAT
M0013		0.85618				
7	V\$OCT1_03	3	849	(+)	NNNRTAATNANNN	GGTATAAACAAAT
M0016		0.88906				
2	V\$OCT1_06	2	856	(+)	CWNAWTKWSATRYN	ACAAATTCATGTA
M0013		0.80782			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	857	(+)	W	CAAATTCATGTATAATCTAATT
M0016		0.88554				
2	V\$OCT1_06	7	857	(-)	CWNAWTKWSATRYN	CAAATTCATGTAT
M0013		0.78884				
6	V\$OCT1_02	7	862	(-)	NNGAATATKCANNNN	TTCATGTATAATCTA
M0013		0.78293			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	863	(+)	W	TCATGTATAATCTAATTTTTCTT
M0013		0.75333				
5	V\$OCT1_01	8	865	(+)	NNNNWTATGCAAATNTNNN	ATGTATAATCTAATTTTC
M0013		0.85578				
7	V\$OCT1_03	8	866	(+)	NNNRTAATNANNN	TGTATAATCTAAT
M0024		0.83845				
8	V\$OCT1_07	7	868	(+)	TNTATGNTAATT	TATAATCTAATT
M0016		0.86835				
2	V\$OCT1_06	9	869	(-)	CWNAWTKWSATRYN	ATAATCTAATTTT
M0013		0.74093				
5	V\$OCT1_01	9	873	(-)	NNNNWTATGCAAATNTNNN	TCTAATTTTCTTATGTAT
M0016		0.80820				
2	V\$OCT1_06	3	888	(+)	CWNAWTKWSATRYN	GTATCTGAAACGCA
M0016		0.86835				
2	V\$OCT1_06	9	911	(+)	CWNAWTKWSATRYN	CACATATAAATGTA
M0016		0.80703				
2	V\$OCT1_06	1	911	(-)	CWNAWTKWSATRYN	CACATATAAATGTA
M0013		0.79255			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	912	(+)	W	ACATATAAATGTATGTATTTTTG

M0016		0.84218				
2	V\$OCT1_06	7	917	(-)	CWNAWTKWSATRYN	TAAATGTATGTATT
M0016		0.90195				
2	V\$OCT1_06	3	921	(-)	CWNAWTKWSATRYN	TGTATGTATTTTTG
M0016		0.80078				
2	V\$OCT1_06	1	935	(+)	CWNAWTKWSATRYN	GGTCTTGCAATTTA
M0016		0.80820				
2	V\$OCT1_06	3	975	(+)	CWNAWTKWSATRYN	ATGTTTGACTTATG
M0013		0.81116			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	7	984	(+)	W	TTATGATTCTGTTTAATCATCTT
M0013		0.78147			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	2	989	(-)	W	ATTCTGTTAATCATCTTCATTC
M0013		0.77070				
6	V\$OCT1_02	9	998	(+)	NNGAATATKCANNNN	AATCATCTTCATTCA
M0016		0.82656				
2	V\$OCT1_06	2	999	(+)	CWNAWTKWSATRYN	ATCATCTTCATTCA
M0016		0.84218				
2	V\$OCT1_06	7	1007	(+)	CWNAWTKWSATRYN	CATTCAAGTCATGTC
M0016		0.84218				
2	V\$OCT1_06	7	1012	(+)	CWNAWTKWSATRYN	AGTCATGTCATGGA
M0016		0.83710				
2	V\$OCT1_06	9	1013	(-)	CWNAWTKWSATRYN	GTCATGTCATGGAT
M0016		0.80429				
2	V\$OCT1_06	7	1039	(+)	CWNAWTKWSATRYN	CAAAATTAAGTAAT
M0016		0.80078				
2	V\$OCT1_06	1	1039	(-)	CWNAWTKWSATRYN	CAAAATTAAGTAAT
M0016		0.86835				
2	V\$OCT1_06	9	1067	(+)	CWNAWTKWSATRYN	AAAAATTTAATGAA
M0013		0.80259			NNNNNNNWATGCAAATNNNWN	AAAATTTAATGAAGGTAA-
8	V\$OCT1_04	3	1068	(+)	W	TAGT
M0016		0.92460				
2	V\$OCT1_06	9	1068	(-)	CWNAWTKWSATRYN	AAAATTTAATGAAG
M0013		0.73903				
5	V\$OCT1_01	1	1086	(-)	NNNNWTATGCAAATNTNNN	ATAGTTTCTACATAATGCA
M0016		0.83437				
2	V\$OCT1_06	5	1107	(+)	CWNAWTKWSATRYN	ATGTTTTTCATGAA
M0016		0.84726				
2	V\$OCT1_06	6	1108	(-)	CWNAWTKWSATRYN	TGTTTTTCATGAAG
M0013		0.87356				
7	V\$OCT1_03	8	1142	(+)	NNNRATAATNANNN	AGGATAAAGACAT
M0016		0.86289				
2	V\$OCT1_06	1	1144	(+)	CWNAWTKWSATRYN	GATAAAGACATTTT
M0016		0.80039				
2	V\$OCT1_06	1	1152	(-)	CWNAWTKWSATRYN	CATTTTAAAAAATT
M0013		0.84037				
7	V\$OCT1_03	9	1158	(-)	NNNRATAATNANNN	AAAAAATTACAGA
M0013					NNNNNNNWATGCAAATNNNWN	AAAAAATTACAGA-
8	V\$OCT1_04	0.81054	1158	(+)	W	TATTAAATGT
M0016		0.87578				
2	V\$OCT1_06	1	1159	(+)	CWNAWTKWSATRYN	AAAAATTACAGATA
M0016		0.86992				
2	V\$OCT1_06	2	1160	(-)	CWNAWTKWSATRYN	AAAATTACAGATAT
M0016						
2	V\$OCT1_06	0.90625	1168	(+)	CWNAWTKWSATRYN	AGATATTAAATGTA
M0016		0.83437				
2	V\$OCT1_06	5	1169	(-)	CWNAWTKWSATRYN	GATATTAAATGTAA
M0016		0.86054				
2	V\$OCT1_06	7	1173	(+)	CWNAWTKWSATRYN	TTAAATGTAATTTA
M0019		0.83133				
5	V\$OCT1_Q6	2	1173	(+)	NNNNATGCAAATNAN	TTAAATGTAATTTAC
M0016		0.94531				
2	V\$OCT1_06	2	1174	(-)	CWNAWTKWSATRYN	TAAATGTAATTTAC
M0024		0.81238				
8	V\$OCT1_07	1	1174	(+)	TNTATGNTAATT	TAAATGTAATTT
M0013		0.80447			NNNNNNNWATGCAAATNNNWN	
8	V\$OCT1_04	5	1195	(-)	W	TTTAGTTTATCAATTTTAACAA

M0013		0.78063			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	1200	(+)	W	GTTTATCAATTTTAACAAATCCA
M0013		0.80071			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	1201	(-)	W	TTTATCAATTTTAACAAATCCAA
M0016		0.88554				
2	V\$OCT1_06	7	1215	(-)	CWNAWTKWSATRYN	CAAATCCAATGATC
M0016		0.83437				
2	V\$OCT1_06	5	1234	(+)	CWNAWTKWSATRYN	GGAAATTTCTTTTT
M0013		0.79694			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	1236	(-)	W	AAATTTCTTTTAAATTTTTTTTG
M0016		0.81367				
2	V\$OCT1_06	2	1240	(+)	CWNAWTKWSATRYN	TTCTTTTAAATTT
M0013		0.81095			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	1247	(-)	W	TAATTTTTTTTGTAGTATTTTAA
M0013		0.78502			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	1255	(+)	W	TTTGTAGTATTTTAAAATTTGTA
M0013		0.80217			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	1256	(-)	W	TTGTAGTATTTTAAAATTTGTAA
M0016						
2	V\$OCT1_06	0.81875	1260	(+)	CWNAWTKWSATRYN	AGTATTTTAAAATT
M0016		0.83437				
2	V\$OCT1_06	5	1260	(-)	CWNAWTKWSATRYN	AGTATTTTAAAATT
M0016		0.80039				
2	V\$OCT1_06	1	1261	(+)	CWNAWTKWSATRYN	GTATTTTAAAATTT
M0016		0.86562				
2	V\$OCT1_06	5	1262	(-)	CWNAWTKWSATRYN	TATTTTAAAATTG
M0013		0.80761			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	1264	(-)	W	TTTTAAAATTTGTAATATTTAAA
M0013		0.81681			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	1265	(-)	W	TTTAAAATTTGTAATATTTAAAT
M0016		0.90351				
2	V\$OCT1_06	6	1269	(+)	CWNAWTKWSATRYN	AAATTTGTAATATT
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.7821	1270	(+)	W	AATTTGTAATATTTAAATATTGA
M0016		0.84960				
2	V\$OCT1_06	9	1270	(-)	CWNAWTKWSATRYN	AATTTGTAATATTT
M0013		0.85578				
7	V\$OCT1_03	8	1272	(+)	NNNRTAATNANNN	TTTGTAATATTTA
M0013		0.81367			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	1272	(+)	W	TTTGTAATATTTAAATATTGATG
M0013		0.86511			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	9	1273	(-)	W	TTGTAATATTTAAATATTGATGC
M0013		0.80427				
5	V\$OCT1_01	3	1274	(+)	NNNNWTATGCAAATNTNNN	TGTAATATTTAAATATTGA
M0013		0.81700				
6	V\$OCT1_02	1	1274	(+)	NNGAATATKCANNNN	TGTAATATTTAAATA
M0013		0.82067				
5	V\$OCT1_01	9	1275	(-)	NNNNWTATGCAAATNTNNN	GTAATATTTAAATATTGAT
M0016						
2	V\$OCT1_06	0.9375	1277	(+)	CWNAWTKWSATRYN	AATATTTAAATATT
M0016						
2	V\$OCT1_06	0.9375	1277	(-)	CWNAWTKWSATRYN	AATATTTAAATATT
M0013		0.85760				
6	V\$OCT1_02	7	1279	(-)	NNGAATATKCANNNN	TATTTAAATATTGAT
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.7867	1279	(-)	W	TATTTAAATATTGATGCTTCTCT
M0013		0.77206				
6	V\$OCT1_02	3	1282	(+)	NNGAATATKCANNNN	TTAAATATTGATGCT
M0016		0.80390				
2	V\$OCT1_06	6	1283	(+)	CWNAWTKWSATRYN	TAAATATTGATGCT
M0016		0.80703				
2	V\$OCT1_06	1	1332	(+)	CWNAWTKWSATRYN	CAGGATCAAATGCT
M0016		0.84218				
2	V\$OCT1_06	7	1333	(-)	CWNAWTKWSATRYN	AGGATCAAATGCTT
M0016		0.83476				
2	V\$OCT1_06	6	1365	(+)	CWNAWTKWSATRYN	GATATTGGTATTTC

M0013		0.73597				
5	V\$OCT1_01	9	1391	(+)	NNNNWTATGCAAATNTNNN	AGCACTAAGCAAAATAATT
M0013					NNNNNNNWATGCAAATNNNWNN	CAAAATAATTTGAATGGTAAA-
8	V\$OCT1_04	0.83187	1400	(-)	W	TA
M0016		0.83984				
2	V\$OCT1_06	4	1404	(+)	CWNAWTKWSATRYN	ATAATTTGAATGGT
M0019						
5	V\$OCT1_Q6	0.81905	1404	(-)	NNNNATGCAAATNAN	ATAATTTGAATGGTA
M0013		0.80656			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	1405	(+)	W	TAATTTGAATGGTAAATATTTAT
M0024		0.84396				
8	V\$OCT1_07	9	1406	(-)	TNTATGNTAATT	AATTTGAATGGT
M0024		0.84396				
8	V\$OCT1_07	9	1410	(+)	TNTATGNTAATT	TGAATGGTAAAT
M0013		0.81591				
6	V\$OCT1_02	8	1413	(-)	NNGAATATKCANNNN	ATGGTAAATATTTAT
M0013		0.86092				
7	V\$OCT1_03	5	1413	(+)	NNNRATATNANNN	ATGGTAAATATTT
M0013					NNNNNNNWATGCAAATNNNWNN	TGGTAAATATTTATATTGAA-
8	V\$OCT1_04	0.80343	1414	(+)	W	GAG
M0013		0.82647				
6	V\$OCT1_02	5	1416	(+)	NNGAATATKCANNNN	GTAAATATTTATATT
M0016						
2	V\$OCT1_06	0.88125	1437	(+)	CWNAWTKWSATRYN	CAAAATTAAAAACT
M0016		0.82148				
2	V\$OCT1_06	4	1438	(-)	CWNAWTKWSATRYN	AAAATTAAAAACTA
M0013		0.80405			NNNNNNNWATGCAAATNNNWNN	AAAATTAATGAATAAAAAA-
8	V\$OCT1_04	7	1445	(+)	W	TATT
M0016		0.80039				
2	V\$OCT1_06	1	1445	(-)	CWNAWTKWSATRYN	AAAATTAATGAAT
M0013		0.79276			NNNNNNNWATGCAAATNNNWNN	CTAAATGAATAAAAAA-
8	V\$OCT1_04	5	1449	(+)	W	TATTACTT
M0013		0.82891				
6	V\$OCT1_02	2	1450	(-)	NNGAATATKCANNNN	TAAATGAATAAAAAAT
M0013		0.83061			NNNNNNNWATGCAAATNNNWNN	TAAATGAATAAAAAA-
8	V\$OCT1_04	5	1450	(-)	W	TATTACTT
M0013		0.85736				
7	V\$OCT1_03	9	1454	(+)	NNNRATATNANNN	TGAATAAAAAATAT
M0016		0.86054				
2	V\$OCT1_06	7	1454	(-)	CWNAWTKWSATRYN	TGAATAAAAAATATT
M0013		0.78397				
6	V\$OCT1_02	4	1456	(-)	NNGAATATKCANNNN	AATAAAAAATATTACT
M0024		0.81238				
8	V\$OCT1_07	1	1456	(-)	TNTATGNTAATT	AATAAAAAATATT
M0016		0.83671				
2	V\$OCT1_06	9	1461	(+)	CWNAWTKWSATRYN	AAATATTACTTTCA
M0016		0.83437				
2	V\$OCT1_06	5	1465	(+)	CWNAWTKWSATRYN	ATTACTTTCAAGTG
M0013		0.73674				
5	V\$OCT1_01	2	1482	(-)	NNNNWTATGCAAATNTNNN	CAACTTTTATCATAATATA
M0013		0.78565			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	1511	(-)	W	GGAAAAATTAAGAATTTTTTTTTT
M0016		0.80039				
2	V\$OCT1_06	1	1514	(-)	CWNAWTKWSATRYN	AAAATTAAGAATTT
M0013		0.78126				
6	V\$OCT1_02	7	1517	(-)	NNGAATATKCANNNN	ATTAAGAATTTTTTTT
M0013		0.80133			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	1522	(-)	W	GAATTTTTTTTTTCATGAATCAAA
M0016		0.83476				
2	V\$OCT1_06	6	1535	(+)	CWNAWTKWSATRYN	ATGAATCAAATTTT
M0016						
2	V\$OCT1_06	0.88125	1536	(-)	CWNAWTKWSATRYN	TGAATCAAATTTTA
M0016		0.86562				
2	V\$OCT1_06	5	1541	(+)	CWNAWTKWSATRYN	CAAATTTTATTATA
M0013		0.90833				
7	V\$OCT1_03	7	1544	(-)	NNNRATATNANNN	ATTTTATTATAAG

M0016		0.82929				
2	V\$OCT1_06	7	1561	(+)	CWNAWTKWSATRYN	AACTATTTTATTTT
M0024		0.81725				
8	V\$OCT1_07	7	1562	(+)	TNTATGNTAATT	ACTATTTTATTT
M0013		0.79757			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	1567	(-)	W	TTTATTTTCTTACATAGATCTTG
M0013		0.85618				
7	V\$OCT1_03	3	1606	(-)	NNNRATAATNANNN	TCATCCTTACCTG
M0016						
2	V\$OCT1_06	0.85	1607	(+)	CWNAWTKWSATRYN	CATCCTTACCTGTC
M0016		0.80039				
2	V\$OCT1_06	1	1670	(+)	CWNAWTKWSATRYN	AGATTCTAGATTCT
M0013		0.75085				
5	V\$OCT1_01	8	1696	(+)	NNNNWTATGCAAATNTNNN	TCTCAAATGCAATTTGATG
M0016		0.86835				
2	V\$OCT1_06	9	1703	(+)	CWNAWTKWSATRYN	TGCAATTTGATGCA
M0013		0.80761			NNNNNNNWATGCAAATNNNWNN	GCAATTT-
8	V\$OCT1_04	2	1704	(+)	W	GATGCAAGTCTCATCA
M0013		0.75524				
5	V\$OCT1_01	6	1706	(+)	NNNNWTATGCAAATNTNNN	AATTTGATGCAAGTCTCAT
M0013		0.88463				
7	V\$OCT1_03	1	1743	(+)	NNNRATAATNANNN	GTCATAAAGAATT
M0016		0.86835				
2	V\$OCT1_06	9	1749	(+)	CWNAWTKWSATRYN	AAGAATTTGATGGT
M0016		0.81640				
2	V\$OCT1_06	6	1750	(-)	CWNAWTKWSATRYN	AGAATTTGATGGTC
M0013		0.85894				
7	V\$OCT1_03	9	1763	(-)	NNNRATAATNANNN	CTCTAATTAGCTA
M0016		0.81406				
2	V\$OCT1_06	2	1772	(-)	CWNAWTKWSATRYN	GCTATTAAAGTGTT
M0016		0.81367				
2	V\$OCT1_06	2	1786	(-)	CWNAWTKWSATRYN	GATATTAAAGCTAT
M0013		0.74666				
5	V\$OCT1_01	2	1792	(+)	NNNNWTATGCAAATNTNNN	AAAGCTATGGTAATCCTTC
M0019		0.79284				
5	V\$OCT1_Q6	9	1794	(+)	NNNNATGCAAATNAN	AGCTATGGTAATCCT
M0016		0.86900				
1	V\$OCT1_05	2	1795	(-)	MKNATTTGCATAYY	GCTATGGTAATCCT
M0024		0.86495				
8	V\$OCT1_07	7	1795	(+)	TNTATGNTAATT	GCTATGGTAATC
M0016		0.82148				
2	V\$OCT1_06	4	1804	(+)	CWNAWTKWSATRYN	ATCCTTCACATTTT
M0019		0.81277				
5	V\$OCT1_Q6	3	1804	(-)	NNNNATGCAAATNAN	ATCCTTCACATTTTG
M0016		0.81718				
2	V\$OCT1_06	7	1805	(-)	CWNAWTKWSATRYN	TCCTTCACATTTTG
M0013		0.79130			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	1806	(-)	W	CCTTCACATTTTGATCATTATTA
M0016		0.80976				
2	V\$OCT1_06	6	1810	(+)	CWNAWTKWSATRYN	CACATTTTGATCAT
M0013		0.78356			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	1814	(+)	W	TTTTGATCATTATTATTCAGTTT
M0013		0.88818				
7	V\$OCT1_03	6	1817	(-)	NNNRATAATNANNN	TGATCATTATTAT
M0013		0.91347				
7	V\$OCT1_03	3	1820	(-)	NNNRATAATNANNN	TCATTATTATTCA
M0013		0.78816			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	1820	(+)	W	TCATTATTATTTCAGTTTATTCAA
M0013		0.87384				
6	V\$OCT1_02	9	1822	(+)	NNGAATATKCANNNN	ATTATTATTTCAGTTT
M0013		0.74685				
5	V\$OCT1_01	2	1831	(+)	NNNNWTATGCAAATNTNNN	CAGTTTATTCAAAGACTTA
M0013		0.81700				
6	V\$OCT1_02	1	1831	(+)	NNGAATATKCANNNN	CAGTTTATTCAAAGA
M0019		0.79039				
5	V\$OCT1_Q6	3	1833	(+)	NNNNATGCAAATNAN	GTTTATTCAAAGACT

M0016		0.86093				
2	V\$OCT1_06	7	1853	(+)	CWNAWTKWSATRYN	CTAAATAAAATTTTC
M0016		0.84765				
2	V\$OCT1_06	6	1854	(-)	CWNAWTKWSATRYN	TAAATAAAATTTCT
M0013		0.78753			NNNNNNNWATGCAAATNNNWNN	ATTTCTAACTTGAAA-
8	V\$OCT1_04	7	1862	(+)	W	TATAAACA
M0016		0.85507				
2	V\$OCT1_06	8	1867	(+)	CWNAWTKWSATRYN	TAACCTGAAATATA
M0013		0.86408				
7	V\$OCT1_03	5	1886	(+)	NNNRTAATNANNN	CTCACAATTAAAA
M0016		0.86835				
2	V\$OCT1_06	9	1888	(+)	CWNAWTKWSATRYN	CACAATTAATAAATT
M0016		0.81601				
2	V\$OCT1_06	6	1888	(-)	CWNAWTKWSATRYN	CACAATTAATAAATT
M0016		0.81367				
2	V\$OCT1_06	2	1889	(-)	CWNAWTKWSATRYN	ACAATTAATAAATTT
M0013		0.80593			NNNNNNNWATGCAAATNNNWNN	AATTAATAAATTTTAAAAA
8	V\$OCT1_04	9	1891	(+)	W	G
M0013		0.80259			NNNNNNNWATGCAAATNNNWNN	ATTAATAAATTTTAAAAA
8	V\$OCT1_04	3	1892	(+)	W	GA
M0013		0.78962			NNNNNNNWATGCAAATNNNWNN	ATTAATAAATTTTAAAAA
8	V\$OCT1_04	8	1892	(-)	W	GA
M0013		0.78377			NNNNNNNWATGCAAATNNNWNN	TTAAAAATTTTAAAAA
8	V\$OCT1_04	2	1893	(+)	W	GAA
M0013		0.75562				
5	V\$OCT1_01	8	1912	(+)	NNNNWTATGCAAATNTNNN	AGAAATAAGGTAATTAACA
M0024		0.87386				
8	V\$OCT1_07	1	1915	(+)	TNTATGNTAATT	AATAAGGTAATT
M0013		0.84472				
7	V\$OCT1_03	5	1918	(+)	NNNRTAATNANNN	AAGGTAATTAACA
M0024		0.80326				
8	V\$OCT1_07	5	1923	(-)	TNTATGNTAATT	AATTAACAATAC
M0016		0.86054				
2	V\$OCT1_06	7	1942	(-)	CWNAWTKWSATRYN	AGCATCAAAGAAGG
M0013		0.81848			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	1981	(-)	W	TTATAGGCTTAACATATTTGTAA
M0013		0.77699				
5	V\$OCT1_01	4	1983	(-)	NNNNWTATGCAAATNTNNN	ATAGGCTTAACATATTTGT
M0016		0.87365				
1	V\$OCT1_05	1	1985	(+)	MKNATTTGCATAYY	AGGCTTAACATATT
M0016		0.82148				
2	V\$OCT1_06	4	1985	(+)	CWNAWTKWSATRYN	AGGCTTAACATATT
M0019		0.82614				
5	V\$OCT1_Q6	6	1985	(-)	NNNNATGCAAATNAN	AGGCTTAACATATTT
M0013		0.79506			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	1989	(-)	W	TTAACATATTTGTAAACATATAT
M0013		0.78084			NNNNNNNWATGCAAATNNNWNN	TAACATATTTGTAAACATA-
8	V\$OCT1_04	5	1990	(+)	W	TATA
M0013		0.75944				
5	V\$OCT1_01	3	1991	(-)	NNNNWTATGCAAATNTNNN	AACATATTTGTAAACATAT
M0013		0.79527			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	1993	(-)	W	CATATTTGTAAACATATATATAT
M0013		0.80259			NNNNNNNWATGCAAATNNNWNN	ATTTGTAAACAT-
8	V\$OCT1_04	3	1996	(+)	W	ATATATATCCA
M0013		0.88897				
7	V\$OCT1_03	7	1997	(+)	NNNRTAATNANNN	TTTGTAAACATAT
M0013		0.82998			NNNNNNNWATGCAAATNNNWNN	TGTAAACATATATATATCCAA-
8	V\$OCT1_04	7	1999	(-)	W	TA
M0013		0.80886			NNNNNNNWATGCAAATNNNWNN	GTAAACATATATATATCCAA-
8	V\$OCT1_04	7	2000	(+)	W	TAT
M0013		0.78335			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	2005	(-)	W	CATATATATATCCAATATTGTAT
M0013		0.73922				
5	V\$OCT1_01	2	2008	(+)	NNNNWTATGCAAATNTNNN	ATATATATCCAATATTGTA
M0013		0.78180				
6	V\$OCT1_02	8	2008	(+)	NNGAATATKCANNNN	ATATATATCCAATAT

M0016						
2	V\$OCT1_06	0.9375	2011	(-)	CWNAWTKWSATRYN	TATATCCAATATTG
M0016		0.82656				
2	V\$OCT1_06	2	2018	(+)	CWNAWTKWSATRYN	AATATTGTATTACC
M0013		0.73540				
5	V\$OCT1_01	6	2021	(-)	NNNNWTATGCAAATNTNNN	ATTGTATTACCAAATATAC
M0024		0.79520				
8	V\$OCT1_07	9	2025	(-)	TNTATGNTAATT	TATTACCAAATA
M0016		0.85703				
2	V\$OCT1_06	1	2116	(+)	CWNAWTKWSATRYN	ATCCCTGGGATTCT
M0016		0.86835				
2	V\$OCT1_06	9	2172	(-)	CWNAWTKWSATRYN	TGCATGAAAGTGAA
M0013		0.80614			NNNNNNNNWATGCAAATNNNWN	GCATGAAAGTGAAAAGTGAAA
8	V\$OCT1_04	8	2173	(+)	W	GT
M0016		0.87773				
2	V\$OCT1_06	4	2252	(+)	CWNAWTKWSATRYN	ATCCATGGGATTTT
M0016		0.83476				
2	V\$OCT1_06	6	2328	(-)	CWNAWTKWSATRYN	TATATTCCAGTGTA
M0016		0.87343				
2	V\$OCT1_06	7	2338	(-)	CWNAWTKWSATRYN	TGTATCCACTTTTG
M0016		0.86289				
2	V\$OCT1_06	1	2439	(-)	CWNAWTKWSATRYN	AAGATCTAATAATT
M0013		0.85499				
7	V\$OCT1_03	8	2441	(+)	NNNRATAATNANNN	GATCTAATAATTT
M0013		0.88660				
7	V\$OCT1_03	6	2444	(+)	NNNRATAATNANNN	CTAATAATTTGGT
M0013		0.83124			NNNNNNNNWATGCAAATNNNWN	ACTAGATAATGTAAAGTAACT-
8	V\$OCT1_04	2	2473	(+)	W	TA
M0013		0.85420				
7	V\$OCT1_03	8	2475	(+)	NNNRATAATNANNN	TAGATAATGTAAA
M0016		0.85507				
2	V\$OCT1_06	8	2477	(+)	CWNAWTKWSATRYN	GATAATGTAAAGTA
M0019		0.83651				
5	V\$OCT1_Q6	7	2477	(+)	NNNNATGCAAATNAN	GATAATGTAAAGTAA
M0024		0.79308				
8	V\$OCT1_07	9	2478	(+)	TNTATGNTAATT	ATAATGTAAAGT
M0016		0.80078				
2	V\$OCT1_06	1	2488	(+)	CWNAWTKWSATRYN	GTAACCTAAGTTTC
M0016		0.85273				
2	V\$OCT1_06	4	2508	(-)	CWNAWTKWSATRYN	AAAAACAAATTCAG
M0013		0.78668				
6	V\$OCT1_02	1	2510	(+)	NNGAATATKCANNNN	AAACAAATTCAGTTA
M0016		0.80937				
2	V\$OCT1_06	5	2513	(+)	CWNAWTKWSATRYN	CAAATTCAGTTATT
M0016		0.80859				
2	V\$OCT1_06	4	2513	(-)	CWNAWTKWSATRYN	CAAATTCAGTTATT
M0016		0.82148				
2	V\$OCT1_06	4	2519	(+)	CWNAWTKWSATRYN	CAGTTATTAATGTG
M0016		0.85234				
2	V\$OCT1_06	4	2524	(+)	CWNAWTKWSATRYN	ATTAATGTGAAACA
M0016		0.80039				
2	V\$OCT1_06	1	2531	(-)	CWNAWTKWSATRYN	TGAAACAAAAAGTT
M0016		0.80429				
2	V\$OCT1_06	7	2536	(+)	CWNAWTKWSATRYN	CAAAAAGTTATTCT
M0016		0.85703				
2	V\$OCT1_06	1	2636	(+)	CWNAWTKWSATRYN	ATCCCTGGGATTCT
M0019		0.80403				
5	V\$OCT1_Q6	9	2691	(+)	NNNNATGCAAATNAN	ATGCATGAAAGTGAG
M0016		0.95078				
2	V\$OCT1_06	1	2692	(-)	CWNAWTKWSATRYN	TGCATGAAAGTGAG
M0016		0.80859				
2	V\$OCT1_06	4	2721	(+)	CWNAWTKWSATRYN	CGCTCAGTCATGTC
M0016		0.87773				
2	V\$OCT1_06	4	2779	(+)	CWNAWTKWSATRYN	GTCCATGGGATTTT
M0013		0.84295			NNNNNNNNWATGCAAATNNNWN	TCTAGATAATGATAAATAAA-
8	V\$OCT1_04	3	2842	(+)	W	TAA

M0013		0.93046				
7	V\$OCT1_03	2	2844	(+)	NNNRTAATNANNN	TAGATAATGATAA
M0013		0.79464			NNNNNNNNWATGCAAATNNNWNN	TAGATAATGATAAATAAA-
8	V\$OCT1_04	7	2844	(-)	W	TAAAT
M0013					NNNNNNNNWATGCAAATNNNWNN	AGATAATGATAAATAAATAAA-
8	V\$OCT1_04	0.79151	2845	(+)	W	TA
M0013		0.84630				
7	V\$OCT1_03	6	2850	(+)	NNNRTAATNANNN	ATGATAAATAAAT
M0013		0.85578				
7	V\$OCT1_03	8	2858	(+)	NNNRTAATNANNN	TAAATAAATAGGA
M0016		0.82148				
2	V\$OCT1_06	4	2878	(-)	CWNAWTKWSATRYN	GACAAGAAAGTGAT
M0016		0.83437				
2	V\$OCT1_06	5	2881	(+)	CWNAWTKWSATRYN	AAGAAAGTGATTCA
M0013		0.82099			NNNNNNNNWATGCAAATNNNWNN	AGAAAGTGATTCAAATAAGA-
8	V\$OCT1_04	5	2882	(+)	W	TAA
M0019		0.82532				
5	V\$OCT1_Q6	8	2886	(+)	NNNNATGCAAATNAN	AGTGATTCAAATAAG
M0013		0.79924			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	2902	(+)	W	TAATAGTTTTGGATATTGGACA
M0013		0.79587				
5	V\$OCT1_01	9	2903	(-)	NNNNWTATGCAAATNTNNN	AATAGTTTTGGATATTGG
M0016		0.83437				
2	V\$OCT1_06	5	2905	(+)	CWNAWTKWSATRYN	TAGTTTTGGATATT
M0013		0.79182				
6	V\$OCT1_02	5	2907	(-)	NNGAATATKCANNNN	GTTTTGGATATTGG
M0013		0.78634				
5	V\$OCT1_01	1	2911	(-)	NNNNWTATGCAAATNTNNN	TGGATATTGGGACACTCAA
M0016		0.83945				
2	V\$OCT1_06	3	2913	(+)	CWNAWTKWSATRYN	GATATTGGGACACT
M0016		0.82929				
2	V\$OCT1_06	7	2929	(+)	CWNAWTKWSATRYN	AACTATCAAATATA
M0016		0.86562				
2	V\$OCT1_06	5	2930	(-)	CWNAWTKWSATRYN	ACTATCAAATATAG
M0016		0.81718				
2	V\$OCT1_06	7	2935	(+)	CWNAWTKWSATRYN	CAAATATAGATGAA
M0013		0.81074			NNNNNNNNWATGCAAATNNNWNN	AAA-
8	V\$OCT1_04	9	2936	(+)	W	TATAGATGAAAAAGTTTCTG
M0016		0.84218				
2	V\$OCT1_06	7	2941	(-)	CWNAWTKWSATRYN	TAGATGAAAAAGTT
M0016		0.89843				
2	V\$OCT1_06	7	2952	(+)	CWNAWTKWSATRYN	GTTTCTGAAATGCT
M0016		0.85507				
2	V\$OCT1_06	8	2960	(+)	CWNAWTKWSATRYN	AATGCTGAGATATT
M0013		0.73826				
5	V\$OCT1_01	8	2965	(+)	NNNNWTATGCAAATNTNNN	TGAGATATTCTATTGTAA
M0016		0.82187				
2	V\$OCT1_06	5	2968	(-)	CWNAWTKWSATRYN	GATATTCTATTGTT
M0013		0.81012			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	2986	(-)	W	TCTTATTTCTAAATTGTAAATA
M0019		0.81386				
5	V\$OCT1_Q6	5	2996	(+)	NNNNATGCAAATNAN	TAAATTGTAAATAAT
M0016		0.84726				
2	V\$OCT1_06	6	2997	(-)	CWNAWTKWSATRYN	AAATTGTAAATAAT
M0013		0.78316				
6	V\$OCT1_02	2	2999	(-)	NNGAATATKCANNNN	ATTGTAAATAATGAT
M0013		0.88344				
7	V\$OCT1_03	5	3003	(+)	NNNRTAATNANNN	TAAATAATGATTG
M0016		0.95039				
2	V\$OCT1_06	1	3074	(-)	CWNAWTKWSATRYN	AGCATCAAAAGATG
M0013		0.80999				
5	V\$OCT1_01	6	3079	(+)	NNNNWTATGCAAATNTNNN	CAAAAGATGGAAATATCTG
M0019		0.79694				
5	V\$OCT1_Q6	3	3081	(+)	NNNNATGCAAATNAN	AAAGATGGAAATATC
M0016		0.82148				
2	V\$OCT1_06	4	3082	(+)	CWNAWTKWSATRYN	AAGATGGAAATATC

M0016		0.81210				
2	V\$OCT1_06	9	3082	(-)	CWNAWTKWSATRYN	AAGATGGAAATATC
M0016		0.86562				
2	V\$OCT1_06	5	3092	(-)	CWNAWTKWSATRYN	TATCTGACAGTAAG
M0016		0.82695				
2	V\$OCT1_06	3	3116	(-)	CWNAWTKWSATRYN	AGGATCCAAGTTCT
M0016		0.82148				
2	V\$OCT1_06	4	3205	(+)	CWNAWTKWSATRYN	GATTCTTTAATCCT
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.80092	3231	(-)	W	ACATCATTTTTTAATGCTAACAT
M0016						
2	V\$OCT1_06	0.9375	3235	(+)	CWNAWTKWSATRYN	CATTTTTTAATGCT
M0013		0.74685				
5	V\$OCT1_01	2	3238	(+)	NNNNWTATGCAAATNTNNN	TTTTTAATGCTAACATTTA
M0016		0.84218				
2	V\$OCT1_06	7	3249	(-)	CWNAWTKWSATRYN	AACATTTAACAAAC
M0013		0.80280			NNNNNNNWATGCAAATNNNWNN	ACATTTAACAAACATAAATCTT
8	V\$OCT1_04	2	3250	(-)	W	G
M0024		0.79732				
8	V\$OCT1_07	9	3252	(-)	TNTATGNTAATT	ATTTAACAAACA
M0024		0.79245				
8	V\$OCT1_07	3	3256	(-)	TNTATGNTAATT	AACAAACATAAA
M0013		0.81534			NNNNNNNWATGCAAATNNNWNN	CAGTTAAATGCAGATTGAG-
8	V\$OCT1_04	9	3279	(+)	W	TTA
M0013		0.75829				
5	V\$OCT1_01	8	3281	(+)	NNNNWTATGCAAATNTNNN	GTAAAAATGCAGATTGAGT
M0013		0.84298				
6	V\$OCT1_02	9	3281	(+)	NNGAATATKCANNNN	GTAAAAATGCAGATT
M0013		0.80265				
6	V\$OCT1_02	3	3284	(-)	NNGAATATKCANNNN	AAAATGCAGATTGAG
M0024		0.79987				
8	V\$OCT1_07	3	3284	(+)	TNTATGNTAATT	AAAATGCAGATT
M0013		0.79088			NNNNNNNWATGCAAATNNNWNN	GCAGATTGAG-
8	V\$OCT1_04	2	3289	(+)	W	TTAAAATTTTATA
M0016		0.82656				
2	V\$OCT1_06	2	3295	(-)	CWNAWTKWSATRYN	TGAGTTAAAATTTT
M0013		0.79736			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	3298	(-)	W	GTAAAAATTTTATATAATTTAAT
M0013		0.75486				
5	V\$OCT1_01	5	3300	(-)	NNNNWTATGCAAATNTNNN	TAAAATTTTATATAATTTA
M0016						
2	V\$OCT1_06	0.825	3300	(+)	CWNAWTKWSATRYN	TAAAATTTTATATA
M0016		0.86835				
2	V\$OCT1_06	9	3310	(+)	CWNAWTKWSATRYN	TATAATTTAATTTA
M0024		0.83167				
8	V\$OCT1_07	3	3310	(+)	TNTATGNTAATT	TATAATTTAATT
M0013		0.78711			NNNNNNNWATGCAAATNNNWNN	ATAATTTAATTATGA-
8	V\$OCT1_04	8	3311	(+)	W	TAAAAAA
M0016		0.84765				
2	V\$OCT1_06	6	3311	(-)	CWNAWTKWSATRYN	ATAATTTAATTTAT
M0013		0.78105			NNNNNNNWATGCAAATNNNWNN	AATTTAATTTATGATAAAAAA-
8	V\$OCT1_04	4	3313	(-)	W	TA
M0013		0.84776			NNNNNNNWATGCAAATNNNWNN	TTTAATTTATGATAAAAAA-
8	V\$OCT1_04	2	3315	(+)	W	TAAA
M0013		0.77666				
6	V\$OCT1_02	5	3332	(+)	NNGAATATKCANNNN	AATAAAATCCAGACA
M0016		0.85507				
2	V\$OCT1_06	8	3349	(+)	CWNAWTKWSATRYN	CAGTATTTTACAGATT
M0016		0.84218				
2	V\$OCT1_06	7	3350	(-)	CWNAWTKWSATRYN	AGTATTTTACAGATTA
M0013		0.84551				
7	V\$OCT1_03	6	3355	(-)	NNNRTAATNANNN	TTCAGATTATTTT
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.80803	3365	(-)	W	TTTTTGCTTTTTATATACTTTT
M0013		0.79548			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	3371	(-)	W	TCTTTTTATATACTTTTCTCCAC

M0013		0.75944				
5	V\$OCT1_01	3	3391	(+)	NNNNWTATGCAAATNTNNN	CACCATATTCTAAAAACAG
M0013		0.80265				
6	V\$OCT1_02	3	3391	(+)	NNGAATATKCANNNN	CACCATATTCTAAAA
M0016		0.83437				
2	V\$OCT1_06	5	3412	(+)	CWNAWTKWSATRYN	GATAATTTACTTTT
M0016		0.83437				
2	V\$OCT1_06	5	3413	(+)	CWNAWTKWSATRYN	ATAATTTACTTTTC
M0019		0.84033				
5	V\$OCT1_Q6	8	3413	(-)	NNNNATGCAAATNAN	ATAATTTACTTTTCT
M0016		0.83164				
2	V\$OCT1_06	1	3421	(+)	CWNAWTKWSATRYN	CTTTTCTTGATTTT
M0016		0.86562				
2	V\$OCT1_06	5	3470	(-)	CWNAWTKWSATRYN	GGTGTCAAATTTAG
M0016		0.89414				
2	V\$OCT1_06	1	3475	(+)	CWNAWTKWSATRYN	CAAATTTAGCTGTT
M0013					NNNNNNNWATGCAAATNNNWNN	ATTAGCTGTAAAAACAAAC
8	V\$OCT1_04	0.79381	3478	(+)	W	T
M0016		0.94023				
2	V\$OCT1_06	4	3511	(+)	CWNAWTKWSATRYN	CACTATTAATGTGA
M0013		0.82622			NNNNNNNWATGCAAATNNNWNN	AC-
8	V\$OCT1_04	3	3512	(+)	W	TATTAAATGTATAGTATTACA
M0016		0.82656				
2	V\$OCT1_06	2	3512	(-)	CWNAWTKWSATRYN	ACTATTAATGTAT
M0013		0.77260				
6	V\$OCT1_02	4	3517	(-)	NNGAATATKCANNNN	TAAATGTATAGTATT
M0016		0.82109				
2	V\$OCT1_06	4	3517	(-)	CWNAWTKWSATRYN	TAAATGTATAGTAT
M0016		0.86562				
2	V\$OCT1_06	5	3525	(+)	CWNAWTKWSATRYN	TAGTATTACATGTG
M0016		0.83437				
2	V\$OCT1_06	5	3526	(-)	CWNAWTKWSATRYN	AGTATTACATGTGC
M0016		0.82656				
2	V\$OCT1_06	2	3537	(+)	CWNAWTKWSATRYN	TGCCTTGTGATATT
M0013		0.80489			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	3541	(-)	W	TTGTGATATTATTATTATTGTAT
M0013		0.79171			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	9	3544	(-)	W	TGATATTATTATTATTGTATTTT
M0013		0.90636				
7	V\$OCT1_03	1	3546	(-)	NNNRTAATNANNN	ATATTATTATTAT
M0013		0.79109			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	3546	(+)	W	ATATTATTATTATTGTATTTTGA
M0013		0.87356				
7	V\$OCT1_03	8	3549	(-)	NNNRTAATNANNN	TTATTATTATTGT
M0016		0.80585				
2	V\$OCT1_06	9	3554	(+)	CWNAWTKWSATRYN	ATTATTGTATTTTG
M0024		0.81513				
8	V\$OCT1_07	7	3554	(+)	TNTATGNTAATT	ATTATTGTATTT
M0013		0.78377			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	3556	(-)	W	TATTGTATTTTGAGTGCTTTTGG
M0016		0.80039				
2	V\$OCT1_06	1	3560	(+)	CWNAWTKWSATRYN	GTATTTTGAGTGCT
M0016		0.80585				
2	V\$OCT1_06	9	3577	(-)	CWNAWTKWSATRYN	GGTTTACAATTCT
M0013		0.80677			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	3581	(-)	W	TTACAATTCTGCATTTTTTTTT
M0013		0.76592				
5	V\$OCT1_01	9	3583	(-)	NNNNWTATGCAAATNTNNN	ACAATTCTTGCATTTTTTTT
M0016		0.88554				
2	V\$OCT1_06	7	3585	(+)	CWNAWTKWSATRYN	AATTCTTGCATTTT
M0013		0.85056				
6	V\$OCT1_02	8	3587	(-)	NNGAATATKCANNNN	TTCTTGCATTTTTTTT
M0013		0.81430			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	3595	(-)	W	TTTTTTTTTAAACAGAAACATCC
M0016		0.80429				
2	V\$OCT1_06	7	3611	(-)	CWNAWTKWSATRYN	AACATCCTATCAAG

M0016						
2	V\$OCT1_06	0.80625	3671	(+)	CWNAWTKWSATRYN	CTCACTGTAAATTG
M0024		0.81725				
8	V\$OCT1_07	7	3672	(+)	TNTATGNTAATT	TCACTGTAAATT
M0013		0.80468			NNNNNNNNWATGCAAATNNNWNN	ATGATAAATT-
8	V\$OCT1_04	4	3698	(+)	W	GCTAATATATATA
M0013		0.73845				
5	V\$OCT1_01	9	3700	(+)	NNNNWTATGCAAATNTNNN	GATAAATTGCTAATATATA
M0013		0.78398			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	3707	(-)	W	TGCTAATATATATATTGTAGTCT
M0016		0.80937				
2	V\$OCT1_06	5	3709	(+)	CWNAWTKWSATRYN	CTAATATATATATT
M0016		0.84257				
2	V\$OCT1_06	8	3756	(+)	CWNAWTKWSATRYN	CAGTTTCACATTCTG
M0013		0.84788				
7	V\$OCT1_03	6	3774	(+)	NNNRATAATNANNN	GGTGTAATATCTT
M0013		0.90037				
6	V\$OCT1_02	9	3795	(-)	NNGAATATKCANNNN	GAGCTGAATATTGAT
M0013		0.81402				
6	V\$OCT1_02	3	3798	(+)	NNGAATATKCANNNN	CTGAATATTGATCTG
M0019						
5	V\$OCT1_Q6	0.80131	3839	(-)	NNNNATGCAAATNAN	GGCATTGGACTTAC
M0013		0.83584			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	3841	(-)	W	CATTGGACTTACATATTTATGA
M0013		0.80999				
5	V\$OCT1_01	6	3843	(-)	NNNNWTATGCAAATNTNNN	TTTGGACTTACATATTTAT
M0016		0.85546				
2	V\$OCT1_06	9	3845	(+)	CWNAWTKWSATRYN	TGGACTTACATATT
M0019						
5	V\$OCT1_Q6	0.80786	3845	(-)	NNNNATGCAAATNAN	TGGACTTACATATTT
M0013		0.82891				
6	V\$OCT1_02	2	3847	(-)	NNGAATATKCANNNN	GACTTACATATTTAT
M0013		0.78481			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	3848	(+)	W	ACTTACATATTTATGATTAATAA
M0013		0.88660				
7	V\$OCT1_03	6	3852	(-)	NNNRATAATNANNN	ACATATTTATGAT
M0013		0.85654			NNNNNNNNWATGCAAATNNNWNN	ACATATTTATGATTAA-
8	V\$OCT1_04	5	3852	(+)	W	TAAAAAT
M0013		0.78523			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	3855	(+)	W	TATTTATGATTAATAAAAAATTTT
M0013		0.87080				
7	V\$OCT1_03	2	3858	(-)	NNNRATAATNANNN	TTATGATTAATAA
M0013					NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.82936	3859	(+)	W	TATGATTAATAAAAAATTTATTA
M0013		0.81974			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	3860	(-)	W	ATGATTAATAAAAAATTTTATTAT
M0013		0.85104				
7	V\$OCT1_03	7	3864	(+)	NNNRATAATNANNN	TTAATAAAAAATTT
M0016		0.82656				
2	V\$OCT1_06	2	3870	(+)	CWNAWTKWSATRYN	AAAATTTTATTATG
M0016		0.88164				
2	V\$OCT1_06	1	3870	(-)	CWNAWTKWSATRYN	AAAATTTTATTATG
M0013						
7	V\$OCT1_03	0.92098	3873	(-)	NNNRATAATNANNN	ATTTTATTATGCA
M0013		0.78335			NNNNNNNNWATGCAAATNNNWNN	ATTTTATTATGCAAGAGCAG-
8	V\$OCT1_04	4	3873	(+)	W	TAG
M0013		0.79416				
5	V\$OCT1_01	3	3875	(+)	NNNNWTATGCAAATNTNNN	TTTATTATGCAAGAGCAGT
M0013		0.83811				
6	V\$OCT1_02	6	3875	(+)	NNGAATATKCANNNN	TTTATTATGCAAGAG
M0013		0.80265				
6	V\$OCT1_02	3	3898	(-)	NNGAATATKCANNNN	AAACAGAATATGTAT
M0013		0.78858			NNNNNNNNWATGCAAATNNNWNN	AACAGAA-
8	V\$OCT1_04	2	3899	(+)	W	TATGTATATGTGGTCT
M0013		0.75791				
5	V\$OCT1_01	7	3900	(-)	NNNNWTATGCAAATNTNNN	ACAGAATATGTATATGTGG

M0013						
5	V\$OCT1_01	0.80351	3901	(+)	NNNNWTATGCAAATNTNNN	CAGAATATGTATATGTGGT
M0013		0.85462				
6	V\$OCT1_02	9	3901	(+)	NNGAATATKCANNNN	CAGAATATGTATATG
M0016						
2	V\$OCT1_06	0.88125	3904	(-)	CWNAWTKWSATRYN	AATATGTATATGTG
M0016		0.80546				
2	V\$OCT1_06	9	3930	(+)	CWNAWTKWSATRYN	GTATTATTGATTCT
M0016		0.83437				
2	V\$OCT1_06	5	3967	(+)	CWNAWTKWSATRYN	AAACATATGATTTA
M0016		0.81210				
2	V\$OCT1_06	9	3968	(-)	CWNAWTKWSATRYN	AACATATGATTAC
M0019		0.83133				
5	V\$OCT1_Q6	2	3973	(-)	NNNNATGCAAATNAN	ATGATTTACAACCTG
M0013		0.78500				
5	V\$OCT1_01	6	3989	(-)	NNNNWTATGCAAATNTNNN	TCTCAATTTACACACTGAG
M0024		0.85202				
8	V\$OCT1_07	5	3993	(-)	TNTATGNTAATT	AATTTACACACT
M0013		0.78586				
6	V\$OCT1_02	9	4000	(-)	NNGAATATKCANNNN	ACACTGAGTATTA
M0013		0.77422				
6	V\$OCT1_02	8	4003	(+)	NNGAATATKCANNNN	CTGAGTATTAAATTA
M0016		0.80351				
2	V\$OCT1_06	6	4005	(+)	CWNAWTKWSATRYN	GAGTATTAAATTAG
M0016		0.80429				
2	V\$OCT1_06	7	4006	(-)	CWNAWTKWSATRYN	AGTATTAAATTAGA
M0016		0.89414				
2	V\$OCT1_06	1	4010	(+)	CWNAWTKWSATRYN	TTAAATTAGATACT
M0016		0.80859				
2	V\$OCT1_06	4	4011	(-)	CWNAWTKWSATRYN	TAAATTAGATACTC
M0013		0.79715			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	4075	(-)	W	AGTTCATTTTTTAATGTTTACAG
M0016						
2	V\$OCT1_06	0.9375	4079	(+)	CWNAWTKWSATRYN	CATTTTTTAATGTT
M0013		0.78251			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	4080	(+)	W	ATTTTTTAATGTTTACAGAATGA
M0013		0.84393				
7	V\$OCT1_03	5	4086	(-)	NNNRTAATNANNN	TAATGTTTACAGA
M0013		0.85420				
7	V\$OCT1_03	8	4127	(-)	NNNRTAATNANNN	CTTCTTTACCCC
M0013		0.78063			NNNNNNNWATGCAAATNNNWNN	AGTAGCTATGATAAA-
8	V\$OCT1_04	6	4156	(+)	W	TACTGAA
M0024		0.79054				
8	V\$OCT1_07	5	4161	(+)	TNTATGNTAATT	GCTATGATAAAT
M0013		0.82999				
6	V\$OCT1_02	5	4171	(-)	NNGAATATKCANNNN	ATACTGAATATCTTC
M0013		0.81911			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	4182	(-)	W	CTTCTTCATTTC AATTTTCATT
M0016		0.84726				
2	V\$OCT1_06	6	4185	(+)	CWNAWTKWSATRYN	CTTCATTTC AATTT
M0016		0.86835				
2	V\$OCT1_06	9	4186	(-)	CWNAWTKWSATRYN	TTCATTTC AATTTT
M0013		0.86365			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	4188	(-)	W	CATTTC AATTTTCATTGTATAC
M0013						
5	V\$OCT1_01	0.781	4190	(-)	NNNNWTATGCAAATNTNNN	TTTCAATTTTCATTGTAT
M0013		0.77070				
6	V\$OCT1_02	9	4191	(+)	NNGAATATKCANNNN	TTCAATTTTCATTG
M0019						
5	V\$OCT1_Q6	0.7994	4192	(-)	NNNNATGCAAATNAN	TCAATTTTCATTGT
M0013		0.83626			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	4194	(-)	W	AATTTTCATTGTATACCTTCAT
M0024		0.79393				
8	V\$OCT1_07	7	4194	(-)	TNTATGNTAATT	AATTTTCATTG
M0013		0.76535				
5	V\$OCT1_01	7	4196	(-)	NNNNWTATGCAAATNTNNN	TTTTCATTTGTATACCTTC

M0019		0.85889				
5	V\$OCT1_Q6	7	4198	(-)	NNNNATGCAAATNAN	TTCATTGTATACCT
M0016		0.83437				
2	V\$OCT1_06	5	4211	(+)	CWNAWTKWSATRYN	CTTCATTTC AATTG
M0013		0.78774			NNNNNNNNWATGCAAATNNNWNN	TCAATTGTATCCAGA-
8	V\$OCT1_04	6	4218	(+)	W	TACTCAGA
M0016						
2	V\$OCT1_06	0.81875	4223	(-)	CWNAWTKWSATRYN	TGTATCCAGATACT
M0013		0.87633				
7	V\$OCT1_03	3	4242	(-)	NNNRTAATNANNN	AGTTGATTACCCT
M0013		0.89766				
7	V\$OCT1_03	9	4267	(-)	NNNRTAATNANNN	TTTTCATTACATT
M0016						
2	V\$OCT1_06	0.85	4268	(+)	CWNAWTKWSATRYN	TTTCATTACATTCC
M0016		0.83476				
2	V\$OCT1_06	6	4269	(-)	CWNAWTKWSATRYN	TTCATTACATTCT
M0013						
7	V\$OCT1_03	0.84354	4304	(+)	NNNRTAATNANNN	TTGATAAGTATGA
M0016		0.82109				
2	V\$OCT1_06	4	4310	(-)	CWNAWTKWSATRYN	AGTATGAACTGACT
M0013		0.87001				
7	V\$OCT1_03	2	4336	(+)	NNNRTAATNANNN	CTGGTAAAGAAGG
M0016		0.80039				
2	V\$OCT1_06	1	4362	(+)	CWNAWTKWSATRYN	GTCTCTTTCAGATT
M0016		0.83984				
2	V\$OCT1_06	4	4364	(+)	CWNAWTKWSATRYN	CTCTTTCAGATTTT
M0013		0.79485			NNNNNNNNWATGCAAATNNNWNN	TTTCAGATTTTAAAA-
8	V\$OCT1_04	6	4367	(+)	W	TAAATCA
M0016		0.85273				
2	V\$OCT1_06	4	4370	(+)	CWNAWTKWSATRYN	CAGATTTTAAAATA
M0016		0.80585				
2	V\$OCT1_06	9	4377	(-)	CWNAWTKWSATRYN	TAAAAATAAAATCAT
M0016		0.80585				
2	V\$OCT1_06	9	4383	(-)	CWNAWTKWSATRYN	AAAATCATAAACT
M0016		0.85507				
2	V\$OCT1_06	8	4396	(-)	CWNAWTKWSATRYN	TGAAACTAATTATC
M0013		0.91228				
7	V\$OCT1_03	8	4399	(-)	NNNRTAATNANNN	AACTAATTATCTC
M0013		0.84546			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	4408	(-)	W	TCTCTTATTTTACCTAAGAAATA
M0016		0.83945				
2	V\$OCT1_06	3	4427	(+)	CWNAWTKWSATRYN	AATATTTTGGTTTA
M0013		0.81116			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	4429	(-)	W	TATTTTGGTTTACCTAAATAAAT
M0013		0.80280			NNNNNNNNWATGCAAATNNNWNN	TTTGGTTTACCTAAA-
8	V\$OCT1_04	2	4432	(+)	W	TAAATGGA
M0013		0.78042			NNNNNNNNWATGCAAATNNNWNN	CTAAATAAATGGAGAATTT-
8	V\$OCT1_04	7	4442	(+)	W	GTGT
M0013		0.81367			NNNNNNNNWATGCAAATNNNWNN	GAATTT-
8	V\$OCT1_04	6	4455	(+)	W	GTGTTCAAATGGAAAAA
M0013		0.82831			NNNNNNNNWATGCAAATNNNWNN	GTGTTCAAATGGAAAAACATTC
8	V\$OCT1_04	5	4461	(+)	W	T
M0016		0.83203				
2	V\$OCT1_06	1	4490	(+)	CWNAWTKWSATRYN	CTGACTGTGTTTTT
M0016						
2	V\$OCT1_06	0.925	4517	(+)	CWNAWTKWSATRYN	CACAATTTAATTCC
M0016		0.82187				
2	V\$OCT1_06	5	4518	(-)	CWNAWTKWSATRYN	ACAATTTAATTCTT
M0013		0.79297			NNNNNNNNWATGCAAATNNNWNN	AG-
8	V\$OCT1_04	4	4538	(+)	W	TCCTCAATGAAAATTTACTCA
M0013		0.73674				
5	V\$OCT1_01	2	4540	(+)	NNNNWTATGCAAATNTNNN	TCCTCAATGAAAATTTACT
M0016		0.84765				
2	V\$OCT1_06	6	4542	(+)	CWNAWTKWSATRYN	CTCAATGAAAATTT
M0013		0.77964				
6	V\$OCT1_02	3	4543	(-)	NNGAATATKCANNNN	TCAATGAAAATTTAC

M0016		0.80429				
2	V\$OCT1_06	7	4543	(-)	CWNAWTKWSATRYN	TCAATGAAAATTTA
M0024		0.84354				
8	V\$OCT1_07	5	4543	(+)	TNTATGNTAATT	TCAATGAAAATT
M0013		0.81591				
6	V\$OCT1_02	8	4546	(+)	NNGAATATKCANNNN	ATGAAAATTTACTCA
M0016						
2	V\$OCT1_06	0.85	4604	(-)	CWNAWTKWSATRYN	CAAATGTATTTTTC
M0013		0.81304			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	9	4609	(+)	W	GTATTTTCTGGAAAAATCAACT
M0013		0.73502				
5	V\$OCT1_01	5	4611	(+)	NNNNWTATGCAAATNTNNN	ATTTTCTGGAAAAATCAA
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.80343	4633	(-)	W	AATTTCTATTTACAAACATTTTT
M0024		0.81619				
8	V\$OCT1_07	7	4633	(-)	TNTATGNTAATT	AATTTCTATTTA
M0013		0.74151				
5	V\$OCT1_01	1	4635	(-)	NNNNWTATGCAAATNTNNN	TTTCTATTTACAAACATTT
M0013						
7	V\$OCT1_03	0.88226	4636	(-)	NNNRTAATNANNN	TTCTATTTACAAA
M0013		0.80949			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	4637	(-)	W	TCTATTTACAAACATTTTTTCAC
M0016		0.83437				
2	V\$OCT1_06	5	4649	(+)	CWNAWTKWSATRYN	CATTTTTTCACTTG
M0013		0.78126			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	3	4654	(+)	W	TTTCACTGGTCAAATATTTTCA
M0013		0.80531			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	4663	(-)	W	GTCAAATATTTTCATTTACTCAC
M0013		0.76497				
5	V\$OCT1_01	5	4665	(-)	NNNNWTATGCAAATNTNNN	CAAATATTTTCATTTACTC
M0016						
2	V\$OCT1_06	0.9375	4667	(+)	CWNAWTKWSATRYN	AATATTTTCATTTA
M0019		0.82232				
5	V\$OCT1_Q6	5	4667	(-)	NNNNATGCAAATNAN	AATATTTTCATTTAC
M0024		0.81238				
8	V\$OCT1_07	1	4667	(+)	TNTATGNTAATT	AATATTTTCATT
M0013						
6	V\$OCT1_02	0.83189	4696	(-)	NNGAATATKCANNNN	ACAAAGAATATTGAA
M0013		0.83688			NNNNNNNWATGCAAATNNNWNN	CAAAGAATATTGAAATTATA-
8	V\$OCT1_04	8	4697	(+)	W	TAT
M0013		0.76726				
5	V\$OCT1_01	4	4699	(+)	NNNNWTATGCAAATNTNNN	AAGAATATTGAAATTATAT
M0013		0.85652				
6	V\$OCT1_02	4	4699	(+)	NNGAATATKCANNNN	AAGAATATTGAAATT
M0019		0.81495				
5	V\$OCT1_Q6	6	4701	(+)	NNNNATGCAAATNAN	GAATATTGAAATTAT
M0016		0.89739				
1	V\$OCT1_05	3	4702	(-)	MKNATTTGCATAYY	AATATTGAAATTAT
M0016		0.84765				
2	V\$OCT1_06	6	4702	(+)	CWNAWTKWSATRYN	AATATTGAAATTAT
M0016		0.85273				
2	V\$OCT1_06	4	4702	(-)	CWNAWTKWSATRYN	AATATTGAAATTAT
M0024		0.88912				
8	V\$OCT1_07	4	4702	(+)	TNTATGNTAATT	AATATTGAAATT
M0013		0.81702			NNNNNNNWATGCAAATNNNWNN	AAATTATATATGCAAA-
8	V\$OCT1_04	2	4709	(-)	W	TATTA
M0013		0.92869			NNNNNNNWATGCAAATNNNWNN	AATTATATATGCAAA-
8	V\$OCT1_04	1	4710	(+)	W	TATTA
M0013						
5	V\$OCT1_01	0.7562	4711	(-)	NNNNWTATGCAAATNTNNN	ATTATATATGCAAATATTA
M0013		0.95345				
5	V\$OCT1_01	3	4712	(+)	NNNNWTATGCAAATNTNNN	TTATATATGCAAATATTA
M0013		0.83784				
6	V\$OCT1_02	5	4712	(+)	NNGAATATKCANNNN	TTATATATGCAAATA
M0019		0.88946				
5	V\$OCT1_Q6	5	4714	(+)	NNNNATGCAAATNAN	ATATATGCAAATATT

M0016						
2	V\$OCT1_06	0.9375	4715	(-)	CWNAWTKWSATRYN	TATATGCAAATATT
M0024		0.87322				
8	V\$OCT1_07	5	4715	(+)	TNTATGNTAATT	TATATGCAAATA
M0013		0.77585				
6	V\$OCT1_02	3	4717	(-)	NNGAATATKCANNNN	TATGCAAATATTAAA
M0013		0.78628			NNNNNNNWATGCAAATNNNWNN	ATGCAAATATTAAAAA-
8	V\$OCT1_04	2	4718	(+)	W	GCTGCTT
M0016		0.86992				
2	V\$OCT1_06	2	4723	(-)	CWNAWTKWSATRYN	AATATTAAAAAGCT
M0016		0.91679				
2	V\$OCT1_06	7	4735	(+)	CWNAWTKWSATRYN	CTGCTTTAAATATT
M0019		0.80731				
5	V\$OCT1_Q6	4	4735	(-)	NNNNATGCAAATNAN	CTGCTTTAAATATTA
M0013		0.82214				
6	V\$OCT1_02	4	4737	(-)	NNGAATATKCANNNN	GCTTTAAATATTAAT
M0013		0.78105			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	4737	(-)	W	GCTTTAAATATTAATCTGTACCT
M0016		0.80468				
2	V\$OCT1_06	7	4741	(-)	CWNAWTKWSATRYN	TAAATATTAATCTG
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.80092	4757	(-)	W	CCTATACATTGACTCTCTGTAA
M0016		0.81328				
2	V\$OCT1_06	1	4760	(+)	CWNAWTKWSATRYN	ATACATTGACTCT
M0016		0.80585				
2	V\$OCT1_06	9	4770	(+)	CWNAWTKWSATRYN	CTCTCTGTAAAACA
M0013		0.81263			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	4789	(+)	W	GCTGTTTTGTGCATAATCTATGT
M0013		0.78538				
5	V\$OCT1_01	7	4790	(-)	NNNNWTATGCAAATNTNNN	CTGTTTTGTGCATAATCTA
M0013		0.88982				
6	V\$OCT1_02	1	4794	(-)	NNGAATATKCANNNN	TTTGTGCATAATCTA
M0013		0.80217			NNNNNNNWATGCAAATNNNWNN	CATAATCTATGTAACTTTACA
8	V\$OCT1_04	5	4800	(+)	W	A
M0013		0.74322				
5	V\$OCT1_01	8	4802	(+)	NNNNWTATGCAAATNTNNN	TAATCTATGTAACTTTAC
M0024		0.87131				
8	V\$OCT1_07	7	4805	(+)	TNTATGNTAATT	TCTATGTAAACT
M0013		0.79903			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	4809	(-)	W	TGTAAACTTTACAATTTCATTCTC
M0016		0.82890				
2	V\$OCT1_06	6	4812	(+)	CWNAWTKWSATRYN	AAACTTTACAATTT
M0016		0.84726				
2	V\$OCT1_06	6	4813	(-)	CWNAWTKWSATRYN	AACTTTACAATTTCT
M0013		0.85048			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	4815	(-)	W	CTTTACAATTTCATTCTCATTCTA
M0013						
5	V\$OCT1_01	0.79607	4817	(-)	NNNNWTATGCAAATNTNNN	TTACAATTTCATTCTCAT
M0016		0.86933				
1	V\$OCT1_05	4	4819	(+)	MKNATTTGCATAYY	ACAATTTCATTCT
M0019						
5	V\$OCT1_Q6	0.83488	4819	(-)	NNNNATGCAAATNAN	ACAATTTCATTCTCTC
M0024		0.89866				
8	V\$OCT1_07	4	4821	(-)	TNTATGNTAATT	AATTTCATTCT
M0013		0.96246				
7	V\$OCT1_03	5	4829	(-)	NNNRATATNANNN	TTCTCATTATGAT
M0016		0.80195				
2	V\$OCT1_06	3	4831	(+)	CWNAWTKWSATRYN	CTCATTATGATGGA
M0013		0.84393				
7	V\$OCT1_03	5	4883	(+)	NNNRATATNANNN	TCTGTAATTTCTAT
M0016		0.80859				
2	V\$OCT1_06	4	4894	(+)	CWNAWTKWSATRYN	ATGACTGAATTGTC
M0013		0.78938				
6	V\$OCT1_02	8	4895	(-)	NNGAATATKCANNNN	TGACTGAATTGTCAA
M0016		0.83437				
2	V\$OCT1_06	5	4900	(-)	CWNAWTKWSATRYN	GAATTGTCAAATAG

M0013		0.80698			NNNNNNNWATGCAAATNNNWNN	GAACACAAA-
8	V\$OCT1_04	5	4913	(+)	W	TAGAAATTTTATT
M0013						
5	V\$OCT1_01	0.7314	4915	(+)	NNNNWTATGCAAATNTNNN	ACACAAATAGAAATTTTAT
M0016		0.86054				
2	V\$OCT1_06	7	4918	(+)	CWNAWTKWSATRYN	CAAATAGAAATTTT
M0016		0.83476				
2	V\$OCT1_06	6	4923	(+)	CWNAWTKWSATRYN	AGAAATTTTATTTC
M0016		0.82656				
2	V\$OCT1_06	2	4924	(+)	CWNAWTKWSATRYN	GAAATTTTATTTCA
M0013		0.78398			NNNNNNNWATGCAAATNNNWNN	AAATTTTATTTCAAGA-
8	V\$OCT1_04	2	4925	(-)	W	CAAGTAT
M0013		0.83375			NNNNNNNWATGCAAATNNNWNN	AGACAAGTATTTAAAAGATT-
8	V\$OCT1_04	2	4938	(+)	W	GA
M0016		0.89062				
2	V\$OCT1_06	5	4943	(-)	CWNAWTKWSATRYN	AGTATTTAAAAGAT
M0013		0.83688			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	4980	(-)	W	TGAATGATTTTAAATAATCTT
M0016		0.82656				
2	V\$OCT1_06	2	4984	(+)	CWNAWTKWSATRYN	TGATTTTAAATA
M0016		0.86835				
2	V\$OCT1_06	9	5038	(-)	CWNAWTKWSATRYN	GGTAAGAAATTCTG
M0013		0.79426				
6	V\$OCT1_02	1	5051	(-)	NNGAATATKCANNNN	GAACAGAATACTG
M0013		0.79757			NNNNNNNWATGCAAATNNNWNN	AGAATACTG-
8	V\$OCT1_04	4	5055	(+)	W	CAGAATTAACAA
M0024		0.86220				
8	V\$OCT1_07	1	5069	(-)	TNTATGNTAATT	AATTAACAAAGC
M0013		0.78911				
6	V\$OCT1_02	7	5074	(-)	NNGAATATKCANNNN	ACAAAGCATTTTATT
M0016		0.82929				
2	V\$OCT1_06	7	5077	(+)	CWNAWTKWSATRYN	AAGCATTTTATTCT
M0016		0.80703				
2	V\$OCT1_06	1	5078	(-)	CWNAWTKWSATRYN	AGCATTTTATTCTA
M0016		0.80429				
2	V\$OCT1_06	7	5088	(-)	CWNAWTKWSATRYN	TCTATGTTATTAT
M0024		0.89527				
8	V\$OCT1_07	2	5088	(+)	TNTATGNTAATT	TCTATGTTATTT
M0013					NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	0.83166	5100	(+)	W	ATGGTGTTATGCCAATTCTTTAT
M0013						
5	V\$OCT1_01	0.80351	5102	(+)	NNNNWTATGCAAATNTNNN	GGTGTTATGCCAATTCTTT
M0019		0.79858				
5	V\$OCT1_Q6	1	5104	(+)	NNNNATGCAAATNAN	TGTTATGCCAATTCT
M0016		0.89058				
1	V\$OCT1_05	6	5105	(-)	MKNATTTGCATAYY	GTTATGCCAATTCT
M0016		0.82695				
2	V\$OCT1_06	3	5105	(-)	CWNAWTKWSATRYN	GTTATGCCAATTCT
M0024		0.86983				
8	V\$OCT1_07	3	5105	(+)	TNTATGNTAATT	GTTATGCCAATT
M0016		0.83437				
2	V\$OCT1_06	5	5117	(+)	CWNAWTKWSATRYN	CTTTATTGCCTTTT
M0016		0.80039				
2	V\$OCT1_06	1	5137	(-)	CWNAWTKWSATRYN	AAAATCACTTAGAT
M0016		0.82695				
2	V\$OCT1_06	3	5140	(+)	CWNAWTKWSATRYN	ATCACTTAGATTAT
M0013		0.88542				
7	V\$OCT1_03	1	5147	(-)	NNNRATAATNANNN	AGATTATTATTAG
M0013		0.73616				
5	V\$OCT1_01	9	5150	(-)	NNNNWTATGCAAATNTNNN	TTATTATTAGATTATTGAA
M0013		0.84709				
7	V\$OCT1_03	6	5150	(-)	NNNRATAATNANNN	TTATTATTAGATT
M0019		0.79530				
5	V\$OCT1_Q6	6	5177	(+)	NNNNATGCAAATNAN	AGAGATGAAGATAAC
M0013		0.79109			NNNNNNNWATGCAAATNNNWNN	ATGAAAGATAATAA-
8	V\$OCT1_04	2	5214	(-)	W	TAGTCAAAT

M0013		0.86764					
7	V\$OCT1_03	1	5218	(+)	NNNRTAATNANNN	AAGATAATAATAG	
M0013		0.82852			NNNNNNNWATGCAAATNNNWNN	ATAATAA-	
8	V\$OCT1_04	4	5221	(+)	W	TAGTCAAATTTACTGG	
M0013		0.76325					
5	V\$OCT1_01	8	5223	(+)	NNNNWTATGCAAATNTNNN	AATAATAGTCAAATTTACT	
M0013		0.81700					
6	V\$OCT1_02	1	5223	(+)	NNGAATATKCANNNN	AATAATAGTCAAATT	
M0024		0.79520					
8	V\$OCT1_07	9	5226	(+)	TNTATGNTAATT	AATAGTCAAATT	
M0013		0.81158			NNNNNNNWATGCAAATNNNWNN		
8	V\$OCT1_04	5	5245	(+)	W	ACAAAATTTTTTAAATATTTTTA	
M0013		0.83061			NNNNNNNWATGCAAATNNNWNN		
8	V\$OCT1_04	5	5246	(-)	W	CAAAAATTTTTTAAATATTTTTAA	
M0016		0.90351					
2	V\$OCT1_06	6	5250	(+)	CWNAWTKWSATRYN	ATTTTTTAAATATT	
M0013		0.83107					
6	V\$OCT1_02	7	5252	(-)	NNGAATATKCANNNN	TTTTTAAATATTTTT	
M0013		0.79548			NNNNNNNWATGCAAATNNNWNN		
8	V\$OCT1_04	3	5253	(+)	W	TTTTAAATATTTTTAAGCACACA	
M0013		0.85697					
7	V\$OCT1_03	4	5273	(+)	NNNRTAATNANNN	ACAGTAATGAACT	
M0013							
7	V\$OCT1_03	0.84275	5293	(+)	NNNRTAATNANNN	TAAATAAAGAAAA	
M0013		0.78105			NNNNNNNWATGCAAATNNNWNN	GAAATAATATTGCAAAAAA-	
8	V\$OCT1_04	4	5327	(+)	W	TATT	
M0013		0.84399			NNNNNNNWATGCAAATNNNWNN	AAATAATATTGCAAAAAA-	
8	V\$OCT1_04	8	5328	(+)	W	TATTA	
M0013		0.75333					
5	V\$OCT1_01	8	5357	(-)	NNNNWTATGCAAATNTNNN	TCACAAAAAGCATATTTAT	
M0013		0.87574					
6	V\$OCT1_02	4	5361	(-)	NNGAATATKCANNNN	AAAAAGCATATTTAT	
M0013		0.84163					
6	V\$OCT1_02	5	5364	(+)	NNGAATATKCANNNN	AAGCATATTTATTTT	
M0016		0.80429					
2	V\$OCT1_06	7	5367	(+)	CWNAWTKWSATRYN	CATATTTATTTTTT	
M0016		0.84218					
2	V\$OCT1_06	7	5367	(-)	CWNAWTKWSATRYN	CATATTTATTTTTT	
M0013					NNNNNNNWATGCAAATNNNWNN		
8	V\$OCT1_04	0.78189	5369	(-)	W	TATTTATTTTTTAATTGCAGCA	
M0016		0.82148					
2	V\$OCT1_06	4	5373	(+)	CWNAWTKWSATRYN	TATTTTTTAATTTG	
M0024		0.83167					
8	V\$OCT1_07	3	5373	(+)	TNTATGNTAATT	TATTTTTTAATT	
M0013		0.86344			NNNNNNNWATGCAAATNNNWNN		
8	V\$OCT1_04	6	5375	(-)	W	TTTTTAATTTGCAGCAGCAAAA	
M0013		0.74418					
5	V\$OCT1_01	2	5377	(-)	NNNNWTATGCAAATNTNNN	TTTTAATTTGCAGCAGCAA	
M0016		0.87343					
2	V\$OCT1_06	7	5393	(+)	CWNAWTKWSATRYN	CAAAATGTAAGATA	
M0016		0.89843					
2	V\$OCT1_06	7	5394	(-)	CWNAWTKWSATRYN	AAAATGTAAGATAC	
M0016		0.82109					
2	V\$OCT1_06	4	5404	(+)	CWNAWTKWSATRYN	ATACATTTCTTTTT	
M0016		0.86289					
2	V\$OCT1_06	1	5405	(-)	CWNAWTKWSATRYN	TACATTTCTTTTTT	
M0013		0.80886			NNNNNNNWATGCAAATNNNWNN	TTGATGGAATGAAAAAAAAATTT	
8	V\$OCT1_04	7	5427	(+)	W	T	
M0016		0.83437					
2	V\$OCT1_06	5	5432	(-)	CWNAWTKWSATRYN	GGAATGAAAAAAAAA	
M0013		0.79339			NNNNNNNWATGCAAATNNNWNN		
8	V\$OCT1_04	2	5440	(-)	W	AAAAAATTTTATTATATTCATTT	
M0016		0.83945					
2	V\$OCT1_06	3	5442	(+)	CWNAWTKWSATRYN	AAAATTTTATTATA	
M0013		0.87040					
7	V\$OCT1_03	7	5445	(-)	NNNRTAATNANNN	ATTTTATTATATT	

M0013		0.83918			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	9	5446	(-)	W	TTTTATTATATTCATTTTCTCCA
M0013		0.84028				
6	V\$OCT1_02	2	5449	(+)	NNGAATATKCANNNN	TATTATATTCATTTT
M0016		0.83945				
2	V\$OCT1_06	3	5450	(+)	CWNAWTKWSATRYN	ATTATATTCATTTT
M0013		0.77693				
6	V\$OCT1_02	6	5452	(-)	NNGAATATKCANNNN	TATATTCATTTTCTC
M0016		0.81367				
2	V\$OCT1_06	2	5452	(-)	CWNAWTKWSATRYN	TATATTCATTTTCT
M0016		0.86835				
2	V\$OCT1_06	9	5464	(+)	CWNAWTKWSATRYN	CTCCATTTTATGTT
M0013		0.87712				
7	V\$OCT1_03	4	5492	(-)	NNNRTAATNANNN	TTATCTTTACTAT
M0013		0.84337			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	5497	(-)	W	TTTACTATCTTGCATTATCAAAT
M0013		0.74990				
5	V\$OCT1_01	5	5499	(-)	NNNNWTATGCAAATNTNNN	TACTATCTTGCATTATCAA
M0016		0.82695				
2	V\$OCT1_06	3	5501	(+)	CWNAWTKWSATRYN	CTATCTTGCATTAT
M0013		0.81889				
6	V\$OCT1_02	6	5503	(-)	NNGAATATKCANNNN	ATCTTGCATTATCAA
M0016		0.80820				
2	V\$OCT1_06	3	5520	(-)	CWNAWTKWSATRYN	GACAACTCAGAAAT
M0016		0.80312				
2	V\$OCT1_06	5	5523	(+)	CWNAWTKWSATRYN	AACTCAGAAATGCA
M0013		0.86171				
7	V\$OCT1_03	5	5552	(+)	NNNRTAATNANNN	TTGGTAAAGTGGA
M0016		0.83984				
2	V\$OCT1_06	4	5580	(+)	CWNAWTKWSATRYN	CTGTCTTTGATCTA
M0016		0.87773				
2	V\$OCT1_06	4	5589	(+)	CWNAWTKWSATRYN	ATCTATTTAATTCA
M0019		0.79121				
5	V\$OCT1_Q6	2	5589	(+)	NNNNATGCAAATNAN	ATCTATTTAATTCAAG
M0016		0.87382				
2	V\$OCT1_06	8	5590	(-)	CWNAWTKWSATRYN	TCTATTTAATTCAAG
M0016		0.80820				
2	V\$OCT1_06	3	5614	(-)	CWNAWTKWSATRYN	AAAACGCCATATAC
M0016		0.83398				
2	V\$OCT1_06	4	5624	(+)	CWNAWTKWSATRYN	ATACATTTCTTATA
M0016		0.85507				
2	V\$OCT1_06	8	5625	(-)	CWNAWTKWSATRYN	TACATTTCTTATAG
M0013		0.80635			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	5626	(-)	W	ACATTTCTTATAGATATCCATT
M0013		0.78419			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	5627	(+)	W	CATTTCTTATAGATATCCATTCA
M0013		0.80928			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	5	5632	(-)	W	CTTATAGATATCCATTCATTCAT
M0013		0.80860				
6	V\$OCT1_02	9	5635	(+)	NNGAATATKCANNNN	ATAGATATCCATTCA
M0016		0.85507				
2	V\$OCT1_06	8	5644	(+)	CWNAWTKWSATRYN	CATTCATTCATGTT
M0024		0.79245				
8	V\$OCT1_07	3	5708	(-)	TNTATGNTAATT	AAGGAACATAAA
M0016		0.86835				
2	V\$OCT1_06	9	5715	(+)	CWNAWTKWSATRYN	ATAAATGATATTTA
M0013		0.86072			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	5716	(+)	W	TAAATGATATTTAAATTATTTTA
M0016		0.80429				
2	V\$OCT1_06	7	5716	(-)	CWNAWTKWSATRYN	TAAATGATATTTAA
M0013		0.84671			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	5717	(-)	W	AAATGATATTTAAATTATTTTAA
M0013		0.73407				
5	V\$OCT1_01	1	5718	(+)	NNNNWTATGCAAATNTNNN	AATGATATTTAAATTATTT
M0013		0.79453				
6	V\$OCT1_02	2	5718	(+)	NNGAATATKCANNNN	AATGATATTTAAATT

M0013						
5	V\$OCT1_01	0.7438	5719	(-)	NNNNWTATGCAAATNTNNN	ATGATATTTAAATTATTTT
M0019		0.80431				
5	V\$OCT1_Q6	2	5720	(+)	NNNNATGCAAATNAN	TGATATTTAAATTAT
M0016		0.84765				
2	V\$OCT1_06	6	5721	(+)	CWNAWTKWSATRYN	GATATTTAAATTAT
M0016		0.91679				
2	V\$OCT1_06	7	5721	(-)	CWNAWTKWSATRYN	GATATTTAAATTAT
M0024		0.87258				
8	V\$OCT1_07	9	5721	(+)	TNTATGNTAATT	GATATTTAAATT
M0013		0.80614			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	8	5725	(+)	W	TTTAAATTATTTTAAAGTTATCT
M0013		0.78168			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	5727	(-)	W	TAAATTATTTTAAAGTTATCTCA
M0016		0.83945				
2	V\$OCT1_06	3	5730	(+)	CWNAWTKWSATRYN	ATTATTTTAAAGTT
M0016						
2	V\$OCT1_06	0.81875	5732	(-)	CWNAWTKWSATRYN	TATTTTAAAGTTAT
M0016		0.83437				
2	V\$OCT1_06	5	5741	(-)	CWNAWTKWSATRYN	GTTATCTCAAAATC
M0016		0.83164				
2	V\$OCT1_06	1	5743	(-)	CWNAWTKWSATRYN	TATCTCAAAATCAT
M0016		0.82539				
2	V\$OCT1_06	1	5748	(+)	CWNAWTKWSATRYN	CAAAATCATATTTT
M0016		0.88671				
2	V\$OCT1_06	9	5749	(-)	CWNAWTKWSATRYN	AAAATCATATTTTG
M0013		0.84116				
7	V\$OCT1_03	9	5783	(+)	NNNRTAATNANNN	TTGACAAAGAGAA
M0013		0.80363			NNNNNNNWATGCAAATNNNWNN	GGGAAAAATTTTCG-
8	V\$OCT1_04	9	5803	(-)	W	TATGAAAAT
M0013		0.76592				
5	V\$OCT1_01	9	5805	(-)	NNNNWTATGCAAATNTNNN	GAAAAATTTTCGTATGAAA
M0016		0.84726				
2	V\$OCT1_06	6	5807	(+)	CWNAWTKWSATRYN	AAAATTTTCGTATG
M0013		0.85424			NNNNNNNWATGCAAATNNNWNN	ATTTTCGTATGAAAATAC-
8	V\$OCT1_04	5	5810	(+)	W	GAAAA
M0013		0.82487				
5	V\$OCT1_01	6	5812	(+)	NNNNWTATGCAAATNTNNN	TTTCGTATGAAAATACGAA
M0019		0.81113				
5	V\$OCT1_Q6	5	5814	(+)	NNNNATGCAAATNAN	TCGTATGAAAATACG
M0016		0.87298				
1	V\$OCT1_05	7	5815	(-)	MKNATTTGCATAYY	CGTATGAAAATACG
M0016		0.94296				
2	V\$OCT1_06	9	5815	(-)	CWNAWTKWSATRYN	CGTATGAAAATACG
M0013		0.80112			NNNNNNNWATGCAAATNNNWNN	ATGAAAATAC-
8	V\$OCT1_04	9	5818	(+)	W	GAAAAATTAAGGTG
M0013		0.73960				
5	V\$OCT1_01	3	5820	(+)	NNNNWTATGCAAATNTNNN	GAAAAATACGAAAATTAAGG
M0019		0.80076				
5	V\$OCT1_Q6	4	5822	(+)	NNNNATGCAAATNAN	AAATACGAAAATTAA
M0013		0.78293			NNNNNNNWATGCAAATNNNWNN	AAGGTGG-
8	V\$OCT1_04	6	5835	(+)	W	TATGTCAAAAAATGCT
M0016		0.85507				
2	V\$OCT1_06	8	5840	(-)	CWNAWTKWSATRYN	GGTATGTCAAAAAA
M0016		0.85234				
2	V\$OCT1_06	4	5842	(-)	CWNAWTKWSATRYN	TATGTCAAAAAATG
M0013					NNNNNNNWATGCAAATNNNWNN	TGTGCAGTATGAAAAACATTT-
8	V\$OCT1_04	0.7844	5858	(+)	W	TA
M0013		0.75333				
5	V\$OCT1_01	8	5860	(+)	NNNNWTATGCAAATNTNNN	TGCAGTATGAAAAACATTT
M0016		0.84218				
2	V\$OCT1_06	7	5862	(+)	CWNAWTKWSATRYN	CAGTATGAAAAACA
M0019		0.82232				
5	V\$OCT1_Q6	5	5862	(+)	NNNNATGCAAATNAN	CAGTATGAAAAACAT
M0016		0.88195				
1	V\$OCT1_05	3	5863	(-)	MKNATTTGCATAYY	AGTATGAAAAACAT

M0016		0.90351				
2	V\$OCT1_06	6	5863	(-)	CWNAWTKWSATRYN	AGTATGAAAAACAT
M0016		0.96601				
2	V\$OCT1_06	6	5886	(+)	CWNAWTKWSATRYN	AAAAATTTTCATGTA
M0016		0.84218				
2	V\$OCT1_06	7	5887	(-)	CWNAWTKWSATRYN	AAAATTTTCATGTAA
M0016		0.82148				
2	V\$OCT1_06	4	5917	(-)	CWNAWTKWSATRYN	GAACTTTCAAAATG
M0013		0.78858			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	5945	(-)	W	CTGAGAATTCTGAATATTGATTT
M0013		0.75810				
5	V\$OCT1_01	8	5947	(-)	NNNNWTATGCAAATNTNNN	GAGAATTCTGAATATTGAT
M0016		0.80039				
2	V\$OCT1_06	1	5949	(+)	CWNAWTKWSATRYN	GAATTCTGAATATT
M0013		0.91905				
6	V\$OCT1_02	8	5951	(-)	NNGAATATKCANNNN	ATTCTGAATATTGAT
M0013		0.82945				
6	V\$OCT1_02	3	5954	(+)	NNGAATATKCANNNN	CTGAATATTGATTTC
M0013		0.80677			NNNNNNNWATGCAAATNNNWNN	ACAAGGCATTAG-
8	V\$OCT1_04	5	5997	(-)	W	TATAAATGAAT
M0013		0.80255				
5	V\$OCT1_01	6	5999	(-)	NNNNWTATGCAAATNTNNN	AAGGCATTAGTATAAATGA
M0024		0.80029				
8	V\$OCT1_07	7	6003	(-)	TNTATGNTAATT	CATTAGTATAAA
M0016		0.83437				
2	V\$OCT1_06	5	6011	(-)	CWNAWTKWSATRYN	TAAATGAATGAATG
M0016		0.84218				
2	V\$OCT1_06	7	6031	(-)	CWNAWTKWSATRYN	AGAATGAATTAGTG
M0016		0.83945				
2	V\$OCT1_06	3	6104	(-)	CWNAWTKWSATRYN	AGTACTACATGAAG
M0013		0.85570			NNNNNNNWATGCAAATNNNWNN	AA-
8	V\$OCT1_04	9	6133	(-)	W	GAATGTTTTACATAGTCACAA
M0013		0.73044				
5	V\$OCT1_01	6	6135	(-)	NNNNWTATGCAAATNTNNN	GAATGTTTTACATAGTCAC
M0016		0.83437				
2	V\$OCT1_06	5	6137	(+)	CWNAWTKWSATRYN	ATGTTTTACATAGT
M0019		0.85043				
5	V\$OCT1_Q6	7	6137	(-)	NNNNATGCAAATNAN	ATGTTTTACATAGTC
M0016		0.80820				
2	V\$OCT1_06	3	6138	(-)	CWNAWTKWSATRYN	TGTTTTACATAGTC
M0013		0.79047				
6	V\$OCT1_02	1	6139	(-)	NNGAATATKCANNNN	GTTTTACATAGTCAC
M0016		0.80820				
2	V\$OCT1_06	3	6199	(-)	CWNAWTKWSATRYN	TGTTTTCAAAAGTT
M0013		0.85262				
7	V\$OCT1_03	7	6222	(-)	NNNRATATNANNN	TTGTTATTAAC
M0024		0.79732				
8	V\$OCT1_07	9	6231	(-)	TNTATGNTAATT	AAACAACATACA
M0013		0.85236			NNNNNNNWATGCAAATNNNWNN	ATA-
8	V\$OCT1_04	3	6238	(+)	W	CAGGTATTTAAAAATTACAC
M0013		0.78272			NNNNNNNWATGCAAATNNNWNN	TAC-
8	V\$OCT1_04	7	6239	(-)	W	AGGTATTTAAAAATTACAC
M0016		0.82656				
2	V\$OCT1_06	2	6243	(+)	CWNAWTKWSATRYN	GGTATTTAAAAATT
M0016		0.89843				
2	V\$OCT1_06	7	6243	(-)	CWNAWTKWSATRYN	GGTATTTAAAAATT
M0013		0.82998			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	6247	(-)	W	TTTAAAAATTACACCTTCTTAA
M0013		0.84551				
7	V\$OCT1_03	6	6263	(+)	NNNRATATNANNN	TTCTTAATTATTC
M0013		0.88463				
7	V\$OCT1_03	1	6264	(-)	NNNRATATNANNN	TCTTAATTATICT
M0013		0.79234			NNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	6	6266	(-)	W	TTAATTATTCTTCATACCTGACT
M0013		0.77012				
5	V\$OCT1_01	6	6283	(+)	NNNNWTATGCAAATNTNNN	CTGACTAAGTAAATTTCT

M0024		0.85202				
8	V\$OCT1_07	5	6286	(+)	TNTATGNTAATT	ACTAAGTAAATT
M0013		0.81348				
6	V\$OCT1_02	1	6288	(-)	NNGAATATKCANNNN	TAAGTAAATTTTCTT
M0013		0.80635			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	7	6336	(+)	W	GATTCTTTATTCTAAAACTATTA
M0013		0.76192				
5	V\$OCT1_01	3	6338	(+)	NNNNWTATGCAAATNTNNN	TTCTTTATTCTAAAACTAT
M0016						
2	V\$OCT1_06	0.90625	6351	(+)	CWNAWTKWSATRYN	AACTATTAAATATA
M0013		0.79527			NNNNNNNNWATGCAAATNNNWNN	ATAATATAAGGGAAATAAA-
8	V\$OCT1_04	4	6362	(+)	W	GAAG
M0013		0.85578				
7	V\$OCT1_03	8	6373	(+)	NNNRATAATNANNN	GAAATAAAGAAGT
M0013					NNNNNNNNWATGCAAATNNNWNN	TAAAAAATATCCTAATCAAA-
8	V\$OCT1_04	0.81765	6385	(+)	W	TAT
M0013		0.78920				
5	V\$OCT1_01	3	6387	(+)	NNNNWTATGCAAATNTNNN	AAAAATATCCTAATCAAAT
M0013		0.77693				
6	V\$OCT1_02	6	6387	(+)	NNGAATATKCANNNN	AAAAATATCCTAATC
M0019		0.81222				
5	V\$OCT1_Q6	7	6389	(+)	NNNNATGCAAATNAN	AAATATCCTAATCAA
M0013		0.89134				
7	V\$OCT1_03	7	6393	(+)	NNNRATAATNANNN	ATCCTAATCAAAT
M0016		0.80468				
2	V\$OCT1_06	7	6395	(+)	CWNAWTKWSATRYN	CCTAATCAAATATC
M0016		0.80078				
2	V\$OCT1_06	1	6396	(-)	CWNAWTKWSATRYN	CTAATCAAATATCC
M0013		0.79074				
6	V\$OCT1_02	2	6397	(-)	NNGAATATKCANNNN	TAATCAAATATCCTT
M0013		0.79234			NNNNNNNNWATGCAAATNNNWNN	TCCTTTAAGTATCCTAATCAAA
8	V\$OCT1_04	6	6407	(-)	W	A
M0013		0.78649			NNNNNNNNWATGCAAATNNNWNN	CTTTAAGTATCCTAATCAAAAT
8	V\$OCT1_04	1	6409	(+)	W	G
M0013		0.79053				
5	V\$OCT1_01	8	6411	(+)	NNNNWTATGCAAATNTNNN	TTAAGTATCCTAATCAAAA
M0019		0.80458				
5	V\$OCT1_Q6	5	6413	(+)	NNNNATGCAAATNAN	AAGTATCCTAATCAA
M0013		0.88463				
7	V\$OCT1_03	1	6417	(+)	NNNRATAATNANNN	ATCCTAATCAAAA
M0016		0.82109				
2	V\$OCT1_06	4	6430	(-)	CWNAWTKWSATRYN	TGAATGAACAATTC
M0016		0.81367				
2	V\$OCT1_06	2	6452	(-)	CWNAWTKWSATRYN	CAAAACTAAAAACAG
M0016		0.82109				
2	V\$OCT1_06	4	6465	(-)	CWNAWTKWSATRYN	GATATCTCTAATTC
M0013		0.82517			NNNNNNNNWATGCAAATNNNWNN	TATCTCTAATTCAAA-
8	V\$OCT1_04	8	6467	(+)	W	GAAAAAAA
M0013		0.79276			NNNNNNNNWATGCAAATNNNWNN	AAAAAAA-
8	V\$OCT1_04	5	6483	(+)	W	GATGCAACATGTATGT
M0013						
6	V\$OCT1_02	0.78641	6485	(+)	NNGAATATKCANNNN	AAAAAGATGCAACAT
M0016		0.80429				
2	V\$OCT1_06	7	6510	(+)	CWNAWTKWSATRYN	CAAAATTGGCTGGA
M0016		0.81406				
2	V\$OCT1_06	2	6552	(-)	CWNAWTKWSATRYN	TAAATTCTATGGAG
M0016		0.85546				
2	V\$OCT1_06	9	6564	(-)	CWNAWTKWSATRYN	AGCATCTCACTGCT
M0016		0.81367				
2	V\$OCT1_06	2	6613	(-)	CWNAWTKWSATRYN	CATACTACATGGAG
M0013		0.77801				
6	V\$OCT1_02	8	6621	(-)	NNGAATATKCANNNN	ATGGAGAAAATTCAT
M0013		0.89171				
6	V\$OCT1_02	6	6624	(+)	NNGAATATKCANNNN	GAGAAAATTCATTTT
M0016		0.83437				
2	V\$OCT1_06	5	6625	(+)	CWNAWTKWSATRYN	AGAAAATTCATTTT

M0016		0.85546				
2	V\$OCT1_06	9	6626	(-)	CWNAWTKWSATRYN	GAAAATTCATTTTG
M0013		0.80991			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	6628	(-)	W	AAATTCATTTTGCTTAAATATTT
M0013		0.77985				
5	V\$OCT1_01	5	6630	(-)	NNNNWTATGCAAATNTNNN	ATTCATTTTGCTTAAATAT
M0013		0.80531			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	6632	(-)	W	TCATTTTGCTTAAATATTTATAC
M0013		0.84055				
6	V\$OCT1_02	2	6638	(-)	NNGAATATKCANNNN	TGCTTAAATATTTAT
M0013		0.82434			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	1	6638	(-)	W	TGCTTAAATATTTATACATCATT
M0013		0.81023				
6	V\$OCT1_02	3	6641	(+)	NNGAATATKCANNNN	TTAAATATTTATACA
M0013		0.83312			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	4	6642	(-)	W	TAAATATTTATACATCATTGAAT
M0013		0.85341				
7	V\$OCT1_03	8	6643	(-)	NNNRATAATNANNN	AAATATTTATACA
M0019		0.80840				
5	V\$OCT1_Q6	6	6667	(-)	NNNNATGCAAATNAN	ATGCTTTGTGTACTT
M0013		0.78858			NNNNNNNNWATGCAAATNNNWNN	
8	V\$OCT1_04	2	6678	(-)	W	ACTTTTATTTATCACATAATCTT
M0013		0.85302				
7	V\$OCT1_03	3	6680	(-)	NNNRATAATNANNN	TTTTATTTATCAC
M0016		0.84726				
2	V\$OCT1_06	6	6685	(-)	CWNAWTKWSATRYN	TTTATCACATAATC
M0013		0.78532				
6	V\$OCT1_02	8	6686	(-)	NNGAATATKCANNNN	TTATCACATAATCTT
M0013		0.86685				
7	V\$OCT1_03	1	6690	(+)	NNNRATAATNANNN	CACATAATCTTTA
M0016		0.80859				
2	V\$OCT1_06	4	6700	(-)	CWNAWTKWSATRYN	TTAATCCAATGCTC
M0013		0.79903			NNNNNNNNWATGCAAATNNNWNN	AAGAAGTTAGGCTAG-
8	V\$OCT1_04	8	6747	(+)	W	TTAAAGGA
M0025		0.78203				
2	V\$TATA_01	5	61	(+)	STATAAAWRNNNNNNN	GAATTTAAATAAACC
M0025		0.83912				
2	V\$TATA_01	7	63	(+)	STATAAAWRNNNNNNN	ATTTAAATAAACCTG
M0021		0.81462				
6	V\$TATA_C	9	92	(+)	NCTATAAAAR	ACCACAAAAT
M0021						
6	V\$TATA_C	0.79456	122	(+)	NCTATAAAAR	GGTTTAAATA
M0025		0.88277				
2	V\$TATA_01	1	123	(+)	STATAAAWRNNNNNNN	GTTTAAATAGCTTGG
M0025		0.77366				
2	V\$TATA_01	2	209	(+)	STATAAAWRNNNNNNN	TTATGTATACATATA
M0025						
2	V\$TATA_01	0.7729	213	(+)	STATAAAWRNNNNNNN	GTATACATATAACAA
M0025		0.79218				
2	V\$TATA_01	5	215	(+)	STATAAAWRNNNNNNN	ATACATATAACAAAA
M0021		0.75547				
6	V\$TATA_C	9	216	(+)	NCTATAAAAR	TACATATAAC
M0025		0.80106				
2	V\$TATA_01	6	217	(+)	STATAAAWRNNNNNNN	ACATATAACAAAATT
M0021		0.75125				
6	V\$TATA_C	4	218	(+)	NCTATAAAAR	CATATAACAA
M0021		0.89384				
6	V\$TATA_C	7	333	(+)	NCTATAAAAR	AGCTTAAAAA
M0021		0.81172				
6	V\$TATA_C	4	334	(+)	NCTATAAAAR	GCTTAAAAAT
M0025		0.80131				
2	V\$TATA_01	9	334	(+)	STATAAAWRNNNNNNN	GCTTAAAAATATATT
M0025		0.77594				
2	V\$TATA_01	5	340	(+)	STATAAAWRNNNNNNN	AAATATATTTGCAAA
M0025		0.81806				
2	V\$TATA_01	6	342	(+)	STATAAAWRNNNNNNN	ATATATTTGCAAATG

M0021		0.82519				
6	V\$TATA_C	1	399	(+)	NCTATAAAAR	CTTTTATAAA
M0025		0.82161				
2	V\$TATA_01	9	400	(+)	STATAAAWRNNNNNN	TTTTATAAAGACCAA
M0021		0.79376				
6	V\$TATA_C	8	401	(+)	NCTATAAAAR	TTTATAAAGA
M0025		0.87135				
2	V\$TATA_01	2	402	(+)	STATAAAWRNNNNNN	TTATAAAGACCAAAT
M0025		0.79345				
2	V\$TATA_01	3	422	(+)	STATAAAWRNNNNNN	ATTTTTAAACGAAAT
M0021		0.77950				
6	V\$TATA_C	9	423	(+)	NCTATAAAAR	TTTTTAAACG
M0021		0.87483				
6	V\$TATA_C	5	514	(+)	NCTATAAAAR	TCTGTAAAAA
M0025						
2	V\$TATA_01	0.78914	515	(+)	STATAAAWRNNNNNN	CTGTAAAAAGTTGTC
M0021		0.75917				
6	V\$TATA_C	6	539	(+)	NCTATAAAAR	AATTTATAAT
M0021						
6	V\$TATA_C	0.77634	541	(+)	NCTATAAAAR	TTTATAATAT
M0021		0.76815				
6	V\$TATA_C	4	558	(+)	NCTATAAAAR	TTCATAGAAA
M0021		0.81779				
6	V\$TATA_C	8	619	(+)	NCTATAAAAR	TTAATAAAAT
M0021						
6	V\$TATA_C	0.81859	631	(+)	NCTATAAAAR	ATTTTATAAA
M0025		0.83735				
2	V\$TATA_01	1	632	(+)	STATAAAWRNNNNNN	TTTTATAAAGGAAAT
M0021		0.80512				
6	V\$TATA_C	3	633	(+)	NCTATAAAAR	TTTATAAAGG
M0025		0.82517				
2	V\$TATA_01	1	634	(+)	STATAAAWRNNNNNN	TTATAAAGGAAATGT
M0025		0.80766				
2	V\$TATA_01	3	664	(+)	STATAAAWRNNNNNN	AGATATAAATGACTA
M0021		0.75125				
6	V\$TATA_C	4	665	(+)	NCTATAAAAR	GATATAAATG
M0025		0.89748				
2	V\$TATA_01	8	666	(+)	STATAAAWRNNNNNN	ATATAAATGACTACT
M0021		0.82519				
6	V\$TATA_C	1	679	(+)	NCTATAAAAR	CTTTTATAAA
M0025		0.80512				
2	V\$TATA_01	6	680	(+)	STATAAAWRNNNNNN	TTTTATAAAGATGAT
M0021		0.79376				
6	V\$TATA_C	8	681	(+)	NCTATAAAAR	TTTATAAAGA
M0025		0.82161				
2	V\$TATA_01	9	682	(+)	STATAAAWRNNNNNN	TTATAAAGATGATTA
M0025		0.77010				
2	V\$TATA_01	9	716	(+)	STATAAAWRNNNNNN	ATACAAATATATGAA
M0025		0.80157				
2	V\$TATA_01	3	720	(+)	STATAAAWRNNNNNN	AAATATATGAAAACA
M0025		0.83912				
2	V\$TATA_01	7	722	(+)	STATAAAWRNNNNNN	ATATATGAAAACAGT
M0021		0.75178				
6	V\$TATA_C	2	723	(+)	NCTATAAAAR	TATATGAAAA
M0025		0.81552				
2	V\$TATA_01	9	724	(+)	STATAAAWRNNNNNN	ATATGAAAACAGTAG
M0021		0.86612				
6	V\$TATA_C	1	751	(+)	NCTATAAAAR	CCTATAAATA
M0025		0.89139				
2	V\$TATA_01	8	752	(+)	STATAAAWRNNNNNN	CTATAAATATGTCTT
M0021		0.76815				
6	V\$TATA_C	4	766	(+)	NCTATAAAAR	TTTTTAACAA
M0025		0.77746				
2	V\$TATA_01	8	794	(+)	STATAAAWRNNNNNN	GTTTGTAAGTGAAG
M0021		0.92368				
6	V\$TATA_C	6	812	(+)	NCTATAAAAR	CCTATATAAA

M0025						
2	V\$TATA_01	0.88404	813	(+)	STATAAAWRNNNNNNN	CTATATAAAATAATC
M0021		0.85635				
6	V\$TATA_C	1	814	(+)	NCTATAAAAR	TATATAAAAT
M0025		0.85156				
2	V\$TATA_01	1	815	(+)	STATAAAWRNNNNNNN	ATATAAAATAATCTG
M0021		0.82017				
6	V\$TATA_C	4	849	(+)	NCTATAAAAR	GGTATAAAACA
M0025		0.79370				
2	V\$TATA_01	7	850	(+)	STATAAAWRNNNNNNN	GTATAAACAAATTTTC
M0021		0.78135				
6	V\$TATA_C	7	911	(+)	NCTATAAAAR	CACATATAAA
M0025		0.84699				
2	V\$TATA_01	3	912	(+)	STATAAAWRNNNNNNN	ACATATAAATGTATG
M0021		0.76260				
6	V\$TATA_C	9	913	(+)	NCTATAAAAR	CATATAAATG
M0025		0.86399				
2	V\$TATA_01	4	914	(+)	STATAAAWRNNNNNNN	ATATAAATGTATGTA
M0025		0.77036				
2	V\$TATA_01	3	942	(+)	STATAAAWRNNNNNNN	CAATTTAATGGAECT
M0025		0.80258				
2	V\$TATA_01	8	1023	(+)	STATAAAWRNNNNNNN	GGATATATCAACCCA
M0025		0.84344				
2	V\$TATA_01	1	1025	(+)	STATAAAWRNNNNNNN	ATATATCAACCCAGC
M0021		0.74914				
6	V\$TATA_C	2	1060	(+)	NCTATAAAAR	TCCTTTTAAA
M0021		0.84050				
6	V\$TATA_C	7	1061	(+)	NCTATAAAAR	CCTTTTAAAA
M0021		0.88962				
6	V\$TATA_C	2	1062	(+)	NCTATAAAAR	CTTTTAAAAA
M0021		0.75072				
6	V\$TATA_C	6	1063	(+)	NCTATAAAAR	TTTTAAAAAT
M0025		0.78406				
2	V\$TATA_01	5	1063	(+)	STATAAAWRNNNNNNN	TTTTAAAAATTTAAT
M0021						
6	V\$TATA_C	0.78479	1092	(+)	NCTATAAAAR	TCTACATAAT
M0025		0.79396				
2	V\$TATA_01	1	1093	(+)	STATAAAWRNNNNNNN	CTACATAATGCACAA
M0021		0.75706				
6	V\$TATA_C	4	1122	(+)	NCTATAAAAR	ACTCTGAAAG
M0025		0.79827				
2	V\$TATA_01	5	1143	(+)	STATAAAWRNNNNNNN	GGATAAAGACATTTT
M0021		0.88302				
6	V\$TATA_C	1	1153	(+)	NCTATAAAAR	ATTTTAAAAA
M0021		0.76815				
6	V\$TATA_C	4	1154	(+)	NCTATAAAAR	TTTTAAAAAA
M0025		0.79624				
2	V\$TATA_01	5	1154	(+)	STATAAAWRNNNNNNN	TTTTAAAAAATTACA
M0021						
6	V\$TATA_C	0.77634	1155	(+)	NCTATAAAAR	TTTAAAAAAT
M0025		0.80233				
2	V\$TATA_01	4	1170	(+)	STATAAAWRNNNNNNN	ATATTAAATGTAATT
M0021		0.76102				
6	V\$TATA_C	5	1208	(+)	NCTATAAAAR	ATTTTAACAA
M0021		0.75917				
6	V\$TATA_C	6	1241	(+)	NCTATAAAAR	TCTTTTTAAT
M0021		0.86559				
6	V\$TATA_C	3	1263	(+)	NCTATAAAAR	ATTTTAAAAAT
M0025		0.79751				
2	V\$TATA_01	3	1278	(+)	STATAAAWRNNNNNNN	ATATTTAAATATTGA
M0025		0.83278				
2	V\$TATA_01	4	1280	(+)	STATAAAWRNNNNNNN	ATTTAAATATTGATG
M0021		0.81647				
6	V\$TATA_C	7	1348	(+)	NCTATAAAAR	ACTTTAAAGT
M0025		0.77213				
2	V\$TATA_01	9	1349	(+)	STATAAAWRNNNNNNN	CTTTAAAGTGTAGTA

M0025		0.77442				
2	V\$TATA_01	3	1382	(+)	STATAAAWRNNNNNNN	TCTTATATAAGCACT
M0021						
6	V\$TATA_C	0.86216	1383	(+)	NCTATAAAAR	CTTATATAAG
M0025		0.86450				
2	V\$TATA_01	1	1384	(+)	STATAAAWRNNNNNNN	TTATATAAGCACTAA
M0025		0.81299				
2	V\$TATA_01	2	1420	(+)	STATAAAWRNNNNNNN	ATATTTATATTGAAG
M0025		0.80131				
2	V\$TATA_01	9	1422	(+)	STATAAAWRNNNNNNN	ATTTATATTGAAGAG
M0021		0.76049				
6	V\$TATA_C	6	1439	(+)	NCTATAAAAR	AAATTAAAAA
M0021		0.87351				
6	V\$TATA_C	5	1454	(+)	NCTATAAAAR	TGAATAAAAA
M0025		0.80537				
2	V\$TATA_01	9	1455	(+)	STATAAAWRNNNNNNN	GAATAAAAAATATTAC
M0021		0.74174				
6	V\$TATA_C	8	1490	(+)	NCTATAAAAR	ATCATAATAT
M0021		0.75653				
6	V\$TATA_C	6	1547	(+)	NCTATAAAAR	TTATTATAAG
M0021		0.76023				
6	V\$TATA_C	2	1549	(+)	NCTATAAAAR	ATTATAAGAC
M0025		0.78990				
2	V\$TATA_01	1	1550	(+)	STATAAAWRNNNNNNN	TTATAAGACCTAACT
M0021		0.80565				
6	V\$TATA_C	1	1593	(+)	NCTATAAAAR	ACCATGAAAC
M0021		0.78901				
6	V\$TATA_C	5	1684	(+)	NCTATAAAAR	TGTTTAAAGT
M0025		0.79396				
2	V\$TATA_01	1	1685	(+)	STATAAAWRNNNNNNN	GTTTAAAGTCATCTC
M0021		0.75442				
6	V\$TATA_C	3	1743	(+)	NCTATAAAAR	GTCATAAAGA
M0021		0.86612				
6	V\$TATA_C	1	1772	(+)	NCTATAAAAR	GCTATTAAAG
M0025		0.84115				
2	V\$TATA_01	7	1773	(+)	STATAAAWRNNNNNNN	CTATTAAAGTGTGA
M0021		0.75125				
6	V\$TATA_C	4	1786	(+)	NCTATAAAAR	GATATTAAAG
M0025		0.83684				
2	V\$TATA_01	3	1787	(+)	STATAAAWRNNNNNNN	ATATTAAAGCTATGG
M0021		0.74570				
6	V\$TATA_C	9	1850	(+)	NCTATAAAAR	ACTCTAAATA
M0021		0.80221				
6	V\$TATA_C	8	1852	(+)	NCTATAAAAR	TCTAAATAAA
M0021		0.77581				
6	V\$TATA_C	2	1854	(+)	NCTATAAAAR	TAAATAAAAT
M0025		0.82821				
2	V\$TATA_01	6	1874	(+)	STATAAAWRNNNNNNN	AAATATAAACACCTC
M0021		0.74465				
6	V\$TATA_C	3	1875	(+)	NCTATAAAAR	AATATAAACA
M0025		0.81299				
2	V\$TATA_01	2	1876	(+)	STATAAAWRNNNNNNN	ATATAAACACCTCAC
M0021		0.77898				
6	V\$TATA_C	1	1889	(+)	NCTATAAAAR	ACAATTAAAA
M0021		0.76709				
6	V\$TATA_C	8	1890	(+)	NCTATAAAAR	CAATTAAAAA
M0021		0.88302				
6	V\$TATA_C	1	1899	(+)	NCTATAAAAR	ATTTTAAAAA
M0025		0.78812				
2	V\$TATA_01	5	1899	(+)	STATAAAWRNNNNNNN	ATTTTAAAAAAAAG
M0021		0.76815				
6	V\$TATA_C	4	1900	(+)	NCTATAAAAR	TTTTAAAAAA
M0025		0.83379				
2	V\$TATA_01	9	1900	(+)	STATAAAWRNNNNNNN	TTTTAAAAAAAAGA
M0021		0.79376				
6	V\$TATA_C	8	1901	(+)	NCTATAAAAR	TTTAAAAAAA

M0021		0.76340				
6	V\$TATA_C	1	1928	(+)	NCTATAAAAR	ACAATACAAT
M0021		0.77898				
6	V\$TATA_C	1	1933	(+)	NCTATAAAAR	ACAATAAAGA
M0025		0.81324				
2	V\$TATA_01	5	1934	(+)	STATAAAWRNNNNNN	CAATAAAGAGCATCA
M0021						
6	V\$TATA_C	0.80882	1942	(+)	NCTATAAAAR	AGCATCAAAAG
M0021						
6	V\$TATA_C	0.74967	1986	(+)	NCTATAAAAR	GGCTTAACAT
M0025		0.80208				
2	V\$TATA_01	1	2004	(+)	STATAAAWRNNNNNN	ACATATATATATCCA
M0025		0.89114				
2	V\$TATA_01	4	2006	(+)	STATAAAWRNNNNNN	ATATATATATCCAAT
M0025						
2	V\$TATA_01	0.83253	2008	(+)	STATAAAWRNNNNNN	ATATATATCCAATAT
M0021		0.81594				
6	V\$TATA_C	9	2172	(+)	NCTATAAAAR	TGCATGAAAG
M0025		0.77848				
2	V\$TATA_01	3	2173	(+)	STATAAAWRNNNNNN	GCATGAAAGTGAAAA
M0021		0.83311				
6	V\$TATA_C	3	2316	(+)	NCTATAAAAR	ACTATTAAAC
M0025		0.85333				
2	V\$TATA_01	7	2317	(+)	STATAAAWRNNNNNN	CTATTAAACCCTATA
M0025		0.77239				
2	V\$TATA_01	3	2461	(+)	STATAAAWRNNNNNN	GTAGAAAGAAAAACT
M0021						
6	V\$TATA_C	0.77766	2473	(+)	NCTATAAAAR	ACTAGATAAT
M0021		0.74069				
6	V\$TATA_C	2	2502	(+)	NCTATAAAAR	TTCTCAAAAA
M0021		0.75283				
6	V\$TATA_C	9	2503	(+)	NCTATAAAAR	TCTCAAAAAA
M0025		0.82060				
2	V\$TATA_01	4	2522	(+)	STATAAAWRNNNNNN	TTATTAATGTGAAAC
M0021		0.81594				
6	V\$TATA_C	9	2692	(+)	NCTATAAAAR	TGCATGAAAG
M0021						
6	V\$TATA_C	0.78479	2842	(+)	NCTATAAAAR	TCTAGATAAT
M0025		0.78533				
2	V\$TATA_01	4	2851	(+)	STATAAAWRNNNNNN	TGATAAATAAATAAA
M0025		0.82872				
2	V\$TATA_01	4	2855	(+)	STATAAAWRNNNNNN	AAATAAATAAATAGG
M0025		0.84876				
2	V\$TATA_01	9	2859	(+)	STATAAAWRNNNNNN	AAATAAATAGGAATC
M0025		0.77772				
2	V\$TATA_01	1	2912	(+)	STATAAAWRNNNNNN	GGATATTTGGACACT
M0021		0.84209				
6	V\$TATA_C	1	2930	(+)	NCTATAAAAR	ACTATCAAAAT
M0025		0.77163				
2	V\$TATA_01	2	2936	(+)	STATAAAWRNNNNNN	AAATATAGATGAAAA
M0025		0.77619				
2	V\$TATA_01	9	2938	(+)	STATAAAWRNNNNNN	ATATAGATGAAAAAG
M0021		0.75019				
6	V\$TATA_C	8	3001	(+)	NCTATAAAAR	TGTAAATAAT
M0021		0.79746				
6	V\$TATA_C	5	3074	(+)	NCTATAAAAR	AGCATCAAAA
M0021		0.75996				
6	V\$TATA_C	8	3075	(+)	NCTATAAAAR	GCATCAAAAG
M0021		0.78188				
6	V\$TATA_C	5	3105	(+)	NCTATAAAAR	GTTACAAAAA
M0025		0.78457				
2	V\$TATA_01	2	3106	(+)	STATAAAWRNNNNNN	TTACAAAAAAAAGGAT
M0021		0.79033				
6	V\$TATA_C	5	3108	(+)	NCTATAAAAR	ACAAAAAAAG
M0025		0.79497				
2	V\$TATA_01	6	3182	(+)	STATAAAWRNNNNNN	AGATATAGATCCCCC

M0025		0.77975				
2	V\$TATA_01	1	3184	(+)	STATAAAWRNNNNNNN	ATATAGATCCCCCAG
M0025						
2	V\$TATA_01	0.77087	3261	(+)	STATAAAWRNNNNNNN	ACATAAATCTTG TTC
M0025		0.77163				
2	V\$TATA_01	2	3281	(+)	STATAAAWRNNNNNNN	GTAAAAATGCAGATT
M0021		0.83390				
6	V\$TATA_C	5	3306	(+)	NCTATAAAAR	TTTATATAAT
M0025		0.80715				
2	V\$TATA_01	6	3307	(+)	STATAAAWRNNNNNNN	TTATATAATTTAATT
M0021		0.79508				
6	V\$TATA_C	8	3323	(+)	NCTATAAAAR	ATGATAAAAA
M0025		0.78152				
2	V\$TATA_01	8	3324	(+)	STATAAAWRNNNNNNN	TGATAAAAAATAAAA
M0021		0.76868				
6	V\$TATA_C	2	3330	(+)	NCTATAAAAR	AAAATAAAAT
M0025		0.80664				
2	V\$TATA_01	8	3331	(+)	STATAAAWRNNNNNNN	AAATAAAATCCAGAC
M0021		0.79482				
6	V\$TATA_C	4	3397	(+)	NCTATAAAAR	ATTCTAAAAA
M0025		0.79091				
2	V\$TATA_01	6	3398	(+)	STATAAAWRNNNNNNN	TTCTAAAAACAGAAG
M0021		0.74465				
6	V\$TATA_C	3	3399	(+)	NCTATAAAAR	TCTAAAAACA
M0021		0.74095				
6	V\$TATA_C	6	3483	(+)	NCTATAAAAR	GCTGTAAAAA
M0021		0.75864				
6	V\$TATA_C	8	3484	(+)	NCTATAAAAR	CTGTAAAAAT
M0021		0.74069				
6	V\$TATA_C	2	3500	(+)	NCTATAAAAR	TTCTTAAACA
M0021		0.84209				
6	V\$TATA_C	1	3512	(+)	NCTATAAAAR	ACTATTAAAT
M0025		0.80258				
2	V\$TATA_01	8	3513	(+)	STATAAAWRNNNNNNN	CTATTAAATGTATAG
M0021		0.74069				
6	V\$TATA_C	2	3578	(+)	NCTATAAAAR	GTTTTACAAT
M0021		0.77950				
6	V\$TATA_C	9	3600	(+)	NCTATAAAAR	TTTTTAACAG
M0025		0.78787				
2	V\$TATA_01	1	3699	(+)	STATAAAWRNNNNNNN	TGATAAATTGCTAAT
M0025		0.84344				
2	V\$TATA_01	1	3712	(+)	STATAAAWRNNNNNNN	ATATATATATTGTAG
M0025		0.83227				
2	V\$TATA_01	6	3714	(+)	STATAAAWRNNNNNNN	ATATATATTGTAGTC
M0025		0.77772				
2	V\$TATA_01	1	3854	(+)	STATAAAWRNNNNNNN	ATATTTATGATTAAT
M0021		0.83522				
6	V\$TATA_C	6	3864	(+)	NCTATAAAAR	TTAATAAAAA
M0025		0.78025				
2	V\$TATA_01	9	3905	(+)	STATAAAWRNNNNNNN	ATATGTATATGTGGT
M0025						
2	V\$TATA_01	0.8102	3909	(+)	STATAAAWRNNNNNNN	GTATATGTGGTCTAT
M0021		0.80749				
6	V\$TATA_C	9	4006	(+)	NCTATAAAAR	AGTATTAAAT
M0025		0.83735				
2	V\$TATA_01	1	4007	(+)	STATAAAWRNNNNNNN	GTATTAAATTAGATA
M0021		0.78082				
6	V\$TATA_C	9	4034	(+)	NCTATAAAAR	CTTTTACAAG
M0025		0.80715				
2	V\$TATA_01	6	4165	(+)	STATAAAWRNNNNNNN	TGATAAATACTGAAT
M0021		0.86559				
6	V\$TATA_C	3	4373	(+)	NCTATAAAAR	ATTTTAAAT
M0025		0.77188				
2	V\$TATA_01	5	4373	(+)	STATAAAWRNNNNNNN	ATTTTAAAAATAAAAT
M0025		0.79040				
2	V\$TATA_01	9	4374	(+)	STATAAAWRNNNNNNN	TTTTAAAAATAAAATC

M0021		0.76868				
6	V\$TATA_C	2	4378	(+)	NCTATAAAAR	AAAATAAAAT
M0025		0.79091				
2	V\$TATA_01	6	4379	(+)	STATAAAWRNNNNNN	AAATAAAATCATAAA
M0021		0.85476				
6	V\$TATA_C	6	4386	(+)	NCTATAAAAR	ATCATAAAAAC
M0025		0.80842				
2	V\$TATA_01	4	4387	(+)	STATAAAWRNNNNNN	TCATAAAACTGAAAC
M0021						
6	V\$TATA_C	0.80169	4441	(+)	NCTATAAAAR	CCTAAATAAA
M0025		0.81984				
2	V\$TATA_01	3	4442	(+)	STATAAAWRNNNNNN	CTAAATAAATGGAGA
M0025		0.83938				
2	V\$TATA_01	1	4444	(+)	STATAAAWRNNNNNN	AAATAAATGGAGAAT
M0025		0.78381				
2	V\$TATA_01	1	4463	(+)	STATAAAWRNNNNNN	GTTCAAATGGAAAAA
M0021						
6	V\$TATA_C	0.78611	4543	(+)	NCTATAAAAR	TCAATGAAAA
M0021		0.75283				
6	V\$TATA_C	9	4616	(+)	NCTATAAAAR	TCTGGAAAAA
M0025		0.87820				
2	V\$TATA_01	4	4712	(+)	STATAAAWRNNNNNN	TTATATATGCAAATA
M0021		0.74465				
6	V\$TATA_C	3	4723	(+)	NCTATAAAAR	AATATTAAAA
M0021		0.80248				
6	V\$TATA_C	2	4724	(+)	NCTATAAAAR	ATATTAAAAA
M0025		0.84800				
2	V\$TATA_01	8	4724	(+)	STATAAAWRNNNNNN	ATATTAAAAAGCTGC
M0021		0.76155				
6	V\$TATA_C	3	4736	(+)	NCTATAAAAR	TGCTTTAAAT
M0021		0.82915				
6	V\$TATA_C	2	4737	(+)	NCTATAAAAR	GCTTTAAATA
M0025		0.82923				
2	V\$TATA_01	1	4738	(+)	STATAAAWRNNNNNN	CTTTAAATATTAATC
M0025		0.81172				
2	V\$TATA_01	3	4744	(+)	STATAAAWRNNNNNN	ATATTAATCTGTACC
M0021		0.84842				
6	V\$TATA_C	9	4773	(+)	NCTATAAAAR	TCTGTAAAC
M0021		0.80221				
6	V\$TATA_C	8	4805	(+)	NCTATAAAAR	TCTATGTAAA
M0021		0.81832				
6	V\$TATA_C	6	4814	(+)	NCTATAAAAR	ACTTTACAAT
M0021		0.76049				
6	V\$TATA_C	6	4943	(+)	NCTATAAAAR	AGTATTTAAA
M0025		0.83075				
2	V\$TATA_01	4	4944	(+)	STATAAAWRNNNNNN	GTATTTAAAAGATT
M0021		0.85951				
6	V\$TATA_C	9	4945	(+)	NCTATAAAAR	TATTTAAAAG
M0025		0.79142				
2	V\$TATA_01	3	4946	(+)	STATAAAWRNNNNNN	ATTTAAAAGATTGA
M0021		0.75072				
6	V\$TATA_C	6	4987	(+)	NCTATAAAAR	TTTTTAATAT
M0021		0.75336				
6	V\$TATA_C	7	4990	(+)	NCTATAAAAR	TTAATATAAT
M0025		0.78152				
2	V\$TATA_01	8	5094	(+)	STATAAAWRNNNNNN	TTATTTATGGTGTTA
M0021		0.75072				
6	V\$TATA_C	6	5251	(+)	NCTATAAAAR	TTTTTTAAAT
M0021		0.76815				
6	V\$TATA_C	4	5252	(+)	NCTATAAAAR	TTTTTAAATA
M0025		0.80461				
2	V\$TATA_01	8	5261	(+)	STATAAAWRNNNNNN	ATTTTTAAGCACACA
M0021		0.77185				
6	V\$TATA_C	1	5289	(+)	NCTATAAAAR	AGCTTAAATA
M0025		0.80817				
2	V\$TATA_01	1	5290	(+)	STATAAAWRNNNNNN	GCTTAAATAAGAAAA

M0025		0.77213				
2	V\$TATA_01	9	5292	(+)	STATAAAWRNNNNNNN	TTAAATAAAGAAAAAC
M0021		0.78716				
6	V\$TATA_C	7	5337	(+)	NCTATAAAAR	TGCAAAAAAT
M0021		0.76630				
6	V\$TATA_C	6	5356	(+)	NCTATAAAAR	TTCACAAAAA
M0021		0.75151				
6	V\$TATA_C	8	5436	(+)	NCTATAAAAR	TGAAAAAAA
M0021						
6	V\$TATA_C	0.76921	5510	(+)	NCTATAAAAR	ATTATCAAAT
M0021		0.90520				
6	V\$TATA_C	2	5537	(+)	NCTATAAAAR	AGCTTAAAG
M0025		0.82948				
2	V\$TATA_01	5	5538	(+)	STATAAAWRNNNNNNN	GCTTAAAGAGGAAT
M0021						
6	V\$TATA_C	0.78479	5590	(+)	NCTATAAAAR	TCTATTTAAT
M0025		0.81324				
2	V\$TATA_01	5	5591	(+)	STATAAAWRNNNNNNN	CTATTTAATTCAGCT
M0021		0.76287				
6	V\$TATA_C	3	5619	(+)	NCTATAAAAR	GCCATATACA
M0025		0.77264				
2	V\$TATA_01	7	5633	(+)	STATAAAWRNNNNNNN	TTATAGATATCCATT
M0025		0.78279				
2	V\$TATA_01	6	5713	(+)	STATAAAWRNNNNNNN	ACATAAATGATATTT
M0025						
2	V\$TATA_01	0.77087	5722	(+)	STATAAAWRNNNNNNN	ATATTTAAATTATTT
M0021		0.74359				
6	V\$TATA_C	7	5733	(+)	NCTATAAAAR	ATTTTAAAGT
M0021		0.83152				
6	V\$TATA_C	9	5815	(+)	NCTATAAAAR	CGTATGAAAA
M0025		0.81781				
2	V\$TATA_01	3	5816	(+)	STATAAAWRNNNNNNN	GTATGAAAAATACGAA
M0021		0.82492				
6	V\$TATA_C	7	5863	(+)	NCTATAAAAR	AGTATGAAAA
M0025		0.80994				
2	V\$TATA_01	7	5864	(+)	STATAAAWRNNNNNNN	GTATGAAAAACATTT
M0021		0.76287				
6	V\$TATA_C	3	5875	(+)	NCTATAAAAR	ATTTTAGAAA
M0021		0.79376				
6	V\$TATA_C	8	5877	(+)	NCTATAAAAR	TTTAGAAAAA
M0021		0.74438				
6	V\$TATA_C	9	5880	(+)	NCTATAAAAR	AGAAAAAAA
M0021		0.83390				
6	V\$TATA_C	5	5919	(+)	NCTATAAAAR	ACTTTCAAAA
M0021		0.75019				
6	V\$TATA_C	8	5920	(+)	NCTATAAAAR	CTTTCAAAAT
M0021		0.83628				
6	V\$TATA_C	2	6007	(+)	NCTATAAAAR	AGTATAAATG
M0025		0.88556				
2	V\$TATA_01	2	6008	(+)	STATAAAWRNNNNNNN	GTATAAATGAATGAA
M0021		0.85186				
6	V\$TATA_C	2	6023	(+)	NCTATAAAAR	TGGATAAAAAG
M0025		0.82542				
2	V\$TATA_01	5	6024	(+)	STATAAAWRNNNNNNN	GGATAAAGAATGAA
M0025		0.78203				
2	V\$TATA_01	5	6108	(+)	STATAAAWRNNNNNNN	CTACATGAAGCAATA
M0025		0.78990				
2	V\$TATA_01	1	6118	(+)	STATAAAWRNNNNNNN	CAATATATCTGCTCC
M0021		0.84103				
6	V\$TATA_C	5	6171	(+)	NCTATAAAAR	TCTTTAAACA
M0025		0.77137				
2	V\$TATA_01	8	6172	(+)	STATAAAWRNNNNNNN	CTTTAAACACAAGTT
M0021		0.77950				
6	V\$TATA_C	9	6201	(+)	NCTATAAAAR	TTTTTCAAAG
M0021		0.76762				
6	V\$TATA_C	6	6210	(+)	NCTATAAAAR	GTTTTAATAG

M0025		0.80969				
2	V\$TATA_01	3	6210	(+)	STATAAAWRNNNNNNN	GTTTAAATAGCTTTG
M0021		0.78188				
6	V\$TATA_C	5	6224	(+)	NCTATAAAAR	GTTATTAAAA
M0021		0.78320				
6	V\$TATA_C	6	6225	(+)	NCTATAAAAR	TTATTAAC
M0025		0.82136				
2	V\$TATA_01	5	6225	(+)	STATAAAWRNNNNNNN	TTATTAACACAT
M0021		0.75574				
6	V\$TATA_C	3	6243	(+)	NCTATAAAAR	GGTATTTAA
M0025		0.81045				
2	V\$TATA_01	4	6244	(+)	STATAAAWRNNNNNNN	GTATTTAAAAATTTA
M0021		0.84816				
6	V\$TATA_C	5	6245	(+)	NCTATAAAAR	TATTTAAAA
M0021		0.74359				
6	V\$TATA_C	7	6246	(+)	NCTATAAAAR	ATTTAAAAAT
M0025						
2	V\$TATA_01	0.81223	6246	(+)	STATAAAWRNNNNNNN	ATTTAAAAATTTACA
M0021		0.76841				
6	V\$TATA_C	8	6344	(+)	NCTATAAAAR	ATTCTAAAC
M0021		0.84209				
6	V\$TATA_C	1	6352	(+)	NCTATAAAAR	ACTATTAAAT
M0025		0.79700				
2	V\$TATA_01	6	6353	(+)	STATAAAWRNNNNNNN	CTATTAAATATAATA
M0025		0.77645				
2	V\$TATA_01	3	6358	(+)	STATAAAWRNNNNNNN	AAATATAATATAAGG
M0025		0.78051				
2	V\$TATA_01	3	6360	(+)	STATAAAWRNNNNNNN	ATATAATATAAGGGA
M0021						
6	V\$TATA_C	0.77502	6362	(+)	NCTATAAAAR	ATAATATAAG
M0025		0.81806				
2	V\$TATA_01	6	6363	(+)	STATAAAWRNNNNNNN	TAATATAAGGGAAAT
M0025						
2	V\$TATA_01	0.77696	6374	(+)	STATAAAWRNNNNNNN	AAATAAGAGTAAA
M0021		0.80749				
6	V\$TATA_C	9	6383	(+)	NCTATAAAAR	AGTAAAAAT
M0021		0.74887				
6	V\$TATA_C	8	6456	(+)	NCTATAAAAR	ACTAAACAG
M0021		0.75574				
6	V\$TATA_C	3	6481	(+)	NCTATAAAAR	AGAAAAAAG
M0021		0.75442				
6	V\$TATA_C	3	6548	(+)	NCTATAAAAR	AGCTTAAATT
M0021		0.77898				
6	V\$TATA_C	1	6638	(+)	NCTATAAAAR	TGCTTAAATA
M0025		0.80690				
2	V\$TATA_01	2	6645	(+)	STATAAAWRNNNNNNN	ATATTTATACATCAT
M0021		0.79931				
6	V\$TATA_C	3	6735	(+)	NCTATAAAAR	AGTTAAAAA
M0025		0.77797				
2	V\$TATA_01	5	6735	(+)	STATAAAWRNNNNNNN	AGTTAAAAAAG
M0021		0.78188				
6	V\$TATA_C	5	6736	(+)	NCTATAAAAR	GTAAAAA
M0005		0.78276				
9	V\$YY1_01	5	99	(+)	NNNNNCCATNTWNNNWN	AATTAGCATTTTACTAA
M0005		0.79783				
9	V\$YY1_01	7	212	(+)	NNNNNCCATNTWNNNWN	TGTATACATATAACAAA
M0005		0.80963				
9	V\$YY1_01	3	346	(-)	NNNNNCCATNTWNNNWN	ATTTGCAATGTTGATA
M0005		0.84927				
9	V\$YY1_01	9	415	(+)	NNNNNCCATNTWNNNWN	ATTGATCATTTTAAAC
M0005		0.84895				
9	V\$YY1_01	2	444	(-)	NNNNNCCATNTWNNNWN	TACTGAAATGTAGATA
M0005		0.78505				
9	V\$YY1_01	9	565	(+)	NNNNNCCATNTWNNNWN	AAATAACATTTCTGGTA
M0006		0.79578				
9	V\$YY1_02	7	589	(+)	NNNCGGCCATCTTGNCTSNW	TCAAGGCCATTTTATTTTG

M0005		0.88499				
9	V\$YY1_01	3	590	(+)	NNNNNCCATNTWNNNNWN	CAAGGCCATTTTTATTT
M0005		0.77948				
9	V\$YY1_01	9	718	(-)	NNNNNCCATNTWNNNNWN	ACAAATATATGAAAACA
M0005		0.79652				
9	V\$YY1_01	7	752	(-)	NNNNNCCATNTWNNNNWN	CTATAAATATGTCTTTT
M0005						
9	V\$YY1_01	0.79194	768	(-)	NNNNNCCATNTWNNNNWN	TTTAACAAATGCAGGTA
M0005		0.83387				
9	V\$YY1_01	9	858	(+)	NNNNNCCATNTWNNNNWN	AAATTTTCATGTATAATC
M0005		0.82896				
9	V\$YY1_01	5	894	(+)	NNNNNCCATNTWNNNNWN	GAAACGCATTTTTCCAG
M0005		0.82437				
9	V\$YY1_01	7	1001	(+)	NNNNNCCATNTWNNNNWN	CATCTTCATTTCAGTCAT
M0005		0.78047				
9	V\$YY1_01	2	1013	(-)	NNNNNCCATNTWNNNNWN	GTCATGTCATGGATATA
M0005		0.78505				
9	V\$YY1_01	9	1099	(-)	NNNNNCCATNTWNNNNWN	AATGCACAATGTTTTTC
M0005						
9	V\$YY1_01	0.81979	1146	(+)	NNNNNCCATNTWNNNNWN	TAAAGACATTTTAAAAA
M0005		0.80635				
9	V\$YY1_01	6	1169	(-)	NNNNNCCATNTWNNNNWN	GATATTAAATGTAATTT
M0005		0.77522				
9	V\$YY1_01	9	1688	(+)	NNNNNCCATNTWNNNNWN	TAAAGTCATCTCAAATG
M0005		0.78800				
9	V\$YY1_01	8	1790	(-)	NNNNNCCATNTWNNNNWN	TTAAAGCTATGGTAATC
M0005		0.79030				
9	V\$YY1_01	1	1973	(+)	NNNNNCCATNTWNNNNWN	TGGGTCCATTATAGGCT
M0005		0.81716				
9	V\$YY1_01	9	1987	(+)	NNNNNCCATNTWNNNNWN	GCTTAACATATTTGTAA
M0005		0.79423				
9	V\$YY1_01	3	1999	(+)	NNNNNCCATNTWNNNNWN	TGTAAACATATATATAT
M0005		0.83551				
9	V\$YY1_01	8	2082	(+)	NNNNNCCATNTWNNNNWN	CGACACCATTGATGGCA
M0006						
9	V\$YY1_02	0.75241	2083	(-)	NNNCGGCCATCTTGNCTSNW	GACACCATTGATGGCAGCCC
M0005		0.78473				
9	V\$YY1_01	1	2085	(-)	NNNNNCCATNTWNNNNWN	CACCATTGATGGCAGCC
M0005		0.78014				
9	V\$YY1_01	4	2135	(-)	NNNNNCCATNTWNNNNWN	CAAGAACACTGGAGTGG
M0005		0.78309				
9	V\$YY1_01	3	2151	(+)	NNNNNCCATNTWNNNNWN	GGTTGCCATTTCCCTTCT
M0005		0.78178				
9	V\$YY1_01	2	2225	(+)	NNNNNCCATNTWNNNNWN	CAACCCCATGGACTGCC
M0005		0.81323				
9	V\$YY1_01	7	2248	(-)	NNNNNCCATNTWNNNNWN	CTCCATCCATGGGATT
M0005						
9	V\$YY1_01	0.78768	2338	(+)	NNNNNCCATNTWNNNNWN	TGTATCCACTTTTGAA
M0005		0.80996				
9	V\$YY1_01	1	2513	(+)	NNNNNCCATNTWNNNNWN	CAAATTCAGTTATTAAT
M0006		0.79917				
9	V\$YY1_02	9	2615	(-)	NNNCGGCCATCTTGNCTSNW	AGCAGCCCACAAGGCTCCCC
M0005		0.78014				
9	V\$YY1_01	4	2655	(-)	NNNNNCCATNTWNNNNWN	CAAGAACACTGGAGTGG
M0005		0.78309				
9	V\$YY1_01	3	2671	(+)	NNNNNCCATNTWNNNNWN	GGTTGCCATTTCCCTTCT
M0005						
9	V\$YY1_01	0.78768	2775	(-)	NNNNNCCATNTWNNNNWN	CTCTGTCCATGGGATT
M0005		0.81389				
9	V\$YY1_01	3	2953	(-)	NNNNNCCATNTWNNNNWN	TTTCTGAAATGCTGAGA
M0005		0.91546				
9	V\$YY1_01	5	3077	(-)	NNNNNCCATNTWNNNNWN	ATCAAAAAGATGGAAATA
M0005		0.80635				
9	V\$YY1_01	6	3149	(+)	NNNNNCCATNTWNNNNWN	GTAGTCCATATCTTTTC
M0005		0.90629				
9	V\$YY1_01	1	3229	(+)	NNNNNCCATNTWNNNNWN	AAACATCATTTTTTAAT

M0005		0.78702				
9	V\$YY1_01	5	3245	(+)	NNNNNCCATNTWNNNNWN	TGCTAACATTTAACAAA
M0005		0.82732				
9	V\$YY1_01	6	3279	(-)	NNNNNCCATNTWNNNNWN	CAGTTAAATGCAGATT
M0006						
9	V\$YY1_02	0.75116	3387	(+)	NNNCGGCCATCTTGNCTSNW	TCTCCACCATATTCTAAAAA
M0005		0.84862				
9	V\$YY1_01	4	3388	(+)	NNNNNCCATNTWNNNNWN	CTCCACCATATTCTAAA
M0005		0.80078				
9	V\$YY1_01	6	3750	(+)	NNNNNCCATNTWNNNNWN	AACAGCCAGTTTCACAT
M0006		0.77543				
9	V\$YY1_02	7	3827	(-)	NNNCGGCCATCTTGNCTSNW	TTTAGAGAAGAGGGCATTG
M0005		0.81356				
9	V\$YY1_01	5	3899	(-)	NNNNNCCATNTWNNNNWN	AACAGAATATGTATATG
M0005		0.79718				
9	V\$YY1_01	2	3987	(+)	NNNNNCCATNTWNNNNWN	GATCTCAATTTACACAC
M0005		0.90039				
9	V\$YY1_01	3	4073	(+)	NNNNNCCATNTWNNNNWN	TCAGTTCATTTTTTAAT
M0005		0.79128				
9	V\$YY1_01	4	4194	(+)	NNNNNCCATNTWNNNNWN	AATTTTCATTGTATAC
M0005		0.78538				
9	V\$YY1_01	7	4208	(+)	NNNNNCCATNTWNNNNWN	TACCTTCATTCAATTG
M0005		0.82306				
9	V\$YY1_01	7	4223	(+)	NNNNNCCATNTWNNNNWN	TGTATCCAGATACTCAG
M0005		0.92496				
9	V\$YY1_01	7	4349	(-)	NNNNNCCATNTWNNNNWN	AACCAAATATGGTGTCT
M0005		0.85353				
9	V\$YY1_01	9	4442	(-)	NNNNNCCATNTWNNNNWN	CTAAATAAATGGAGAAT
M0005		0.79423				
9	V\$YY1_01	3	4461	(-)	NNNNNCCATNTWNNNNWN	GTGTTCAAATGGAAAAA
M0005		0.79685				
9	V\$YY1_01	5	4526	(-)	NNNNNCCATNTWNNNNWN	ATTCCTACAGGAAGTCC
M0005		0.84141				
9	V\$YY1_01	5	4643	(+)	NNNNNCCATNTWNNNNWN	TACAAACATTTTTTCAC
M0005		0.86959				
9	V\$YY1_01	4	4669	(+)	NNNNNCCATNTWNNNNWN	TATTTTCATTACTCAC
M0005		0.82011				
9	V\$YY1_01	8	4710	(-)	NNNNNCCATNTWNNNNWN	AATTATATATGCAAATA
M0005		0.79259				
9	V\$YY1_01	5	4821	(+)	NNNNNCCATNTWNNNNWN	AATTTCCATTCTCATTA
M0005		0.77391				
9	V\$YY1_01	9	4975	(-)	NNNNNCCATNTWNNNNWN	TAGCCTGAATGATTTTT
M0005		0.80963				
9	V\$YY1_01	3	5092	(-)	NNNNNCCATNTWNNNNWN	TGTTATTTATGGTGTTA
M0005		0.78342				
9	V\$YY1_01	1	5361	(+)	NNNNNCCATNTWNNNNWN	AAAAAGCATATTTATTT
M0005						
9	V\$YY1_01	0.78211	5422	(-)	NNNNNCCATNTWNNNNWN	TTTTTTTGATGGAATGA
M0005		0.81389				
9	V\$YY1_01	3	5452	(+)	NNNNNCCATNTWNNNNWN	TATATTCAATTTCTCCA
M0005		0.86893				
9	V\$YY1_01	8	5461	(+)	NNNNNCCATNTWNNNNWN	TTTCTCCATTTTATGTT
M0005		0.80471				
9	V\$YY1_01	8	5482	(+)	NNNNNCCATNTWNNNNWN	GGTTAACATTTTATCTT
M0005		0.77064				
9	V\$YY1_01	2	5539	(-)	NNNNNCCATNTWNNNNWN	CTTAAAGAGGAATTGG
M0005		0.85026				
9	V\$YY1_01	2	5615	(+)	NNNNNCCATNTWNNNNWN	AAACGCCATATACATTT
M0005		0.78112				
9	V\$YY1_01	7	5621	(+)	NNNNNCCATNTWNNNNWN	CATATACATTTCTTATA
M0005		0.86304				
9	V\$YY1_01	1	5638	(+)	NNNNNCCATNTWNNNNWN	GATATCCATTCAATCAT
M0005		0.77522				
9	V\$YY1_01	9	5684	(-)	NNNNNCCATNTWNNNNWN	GAAGGTCAATGAACTGA
M0005		0.83912				
9	V\$YY1_01	2	5711	(-)	NNNNNCCATNTWNNNNWN	GAACATAAATGATATTT

M0005		0.82175				
9	V\$YY1_01	6	5748	(+)	NNNNNCCATNTWNNNNWN	CAAAATCATATTTTGCA
M0005		0.84731				
9	V\$YY1_01	3	5845	(-)	NNNNNCCATNTWNNNNWN	GTCAAAAAATGCTTGTG
M0005		0.85124				
9	V\$YY1_01	5	5868	(+)	NNNNNCCATNTWNNNNWN	GAAAAACATTTTAGAAA
M0005		0.79947				
9	V\$YY1_01	6	5888	(+)	NNNNNCCATNTWNNNNWN	AAATTTTCATGTAACATT
M0006		0.75258				
9	V\$YY1_02	8	5918	(-)	NNNCGGCCATCTTGNCTSNW	AACTTTCAAAATGACTGATG
M0005		0.78735				
9	V\$YY1_01	3	5920	(-)	NNNNNCCATNTWNNNNWN	CTTTCAAAATGACTGAT
M0005		0.78276				
9	V\$YY1_01	5	5981	(-)	NNNNNCCATNTWNNNNWN	TTGCAACCATGAGGAGA
M0005		0.79816				
9	V\$YY1_01	5	6014	(-)	NNNNNCCATNTWNNNNWN	ATGAATGAATGGATAAA
M0005		0.86992				
9	V\$YY1_01	1	6042	(-)	NNNNNCCATNTWNNNNWN	GTGCAATTATGGACTGA
M0005		0.77064				
9	V\$YY1_01	2	6129	(-)	NNNNNCCATNTWNNNNWN	CTCCAAGAATGTTTTAC
M0005		0.77817				
9	V\$YY1_01	8	6148	(-)	NNNNNCCATNTWNNNNWN	AGTCACAAATGATTTTT
M0005		0.78702				
9	V\$YY1_01	5	6490	(-)	NNNNNCCATNTWNNNNWN	GATGCAACATGTATGTT
M0005		0.79095				
9	V\$YY1_01	7	6582	(-)	NNNNNCCATNTWNNNNWN	ATACTGCTATGGTCATG
M0005		0.85648				
9	V\$YY1_01	8	6595	(-)	NNNNNCCATNTWNNNNWN	CATGGAAACTGGACACA
M0005						
9	V\$YY1_01	0.8519	6613	(-)	NNNNNCCATNTWNNNNWN	CATACTACATGGAGAAA
M0005		0.81192				
9	V\$YY1_01	7	6627	(+)	NNNNNCCATNTWNNNNWN	AAAATTCATTTTGCTTA
CSN1S2 Bos Tarus						
		0.82017				
M00216	V\$TATA_C	4	13	(+)	NCTATAAAAR	GGTATAAATA
		0.91220				
M00252	V\$TATA_01	5	14	(+)	STATAAAWRNNNNNN	GTATAAATAGTGTTG
		0.76841				
M00216	V\$TATA_C	8	134	(+)	NCTATAAAAR	ATTGTAAAC
		0.77950				
M00216	V\$TATA_C	9	168	(+)	NCTATAAAAR	TTTTTTAAAG
		0.77822				
M00252	V\$TATA_01	9	168	(+)	STATAAAWRNNNNNN	TTTTTTAAAGAACT
		0.76815				
M00216	V\$TATA_C	4	169	(+)	NCTATAAAAR	TTTTTAAAGA
		0.78901				
M00216	V\$TATA_C	5	194	(+)	NCTATAAAAR	ACCTTAAGAT
		0.86268				
M00216	V\$TATA_C	8	261	(+)	NCTATAAAAR	TTCTTAAAAA
		0.84103				
M00216	V\$TATA_C	5	262	(+)	NCTATAAAAR	TCTTAAAAAA
M00216	V\$TATA_C	0.79324	263	(+)	NCTATAAAAR	CTTAAAAAAA
		0.77112				
M00252	V\$TATA_01	4	335	(+)	STATAAAWRNNNNNN	ATTTTAAGGAAGAGC
		0.76815				
M00216	V\$TATA_C	4	364	(+)	NCTATAAAAR	TTTTTGAAAA
		0.75072				
M00216	V\$TATA_C	6	365	(+)	NCTATAAAAR	TTTTGAAAAT
		0.77772				
M00252	V\$TATA_01	1	365	(+)	STATAAAWRNNNNNN	TTTTGAAAATCCAGG
		0.75547				
M00216	V\$TATA_C	9	444	(+)	NCTATAAAAR	CCTAACAAAG
		0.74201				
M00216	V\$TATA_C	2	559	(+)	NCTATAAAAR	ATGATATAAG

M00252	V\$TATA_01	0.78609 5	560	(+)	STATAAAWRNNNNNN	TGATATAAGCATTTC
M00216	V\$TATA_C	0.76868 2	625	(+)	NCTATAAAAR	AAAATAAAAT
M00216	V\$TATA_C	0.79033 5	660	(+)	NCTATAAAAR	GCTATATATA
M00252	V\$TATA_01	0.88175 6	661	(+)	STATAAAWRNNNNNN	CTATATATAATGAAC
M00216	V\$TATA_C	0.79192 0.85536	662	(+)	NCTATAAAAR	TATATATAAT
M00252	V\$TATA_01	0.76102 7	663	(+)	STATAAAWRNNNNNN	ATATATAATGAACTT
M00216	V\$TATA_C	0.89120 5	678	(+)	NCTATAAAAR	ATTTCAAAAA
M00216	V\$TATA_C	0.82009 7	693	(+)	NCTATAAAAR	ATTATAAAAT
M00252	V\$TATA_01	0.77036 6	694	(+)	STATAAAWRNNNNNN	TTATAAAATTTAATA
M00252	V\$TATA_01	0.85661 3	706	(+)	STATAAAWRNNNNNN	ATATATTTATCATCT
M00216	V\$TATA_C	0.77645 5	722	(+)	NCTATAAAAR	ATTTTAAAC
M00252	V\$TATA_01	0.76921 3	722	(+)	STATAAAWRNNNNNN	ATTTTAAACATTGT
M00216	V\$TATA_C	0.83654 6	738	(+)	NCTATAAAAR	ATTATGAAAT
M00216	V\$TATA_C	0.80664 6	747	(+)	NCTATAAAAR	TGCTTATAAA
M00252	V\$TATA_01	0.77581 8	748	(+)	STATAAAWRNNNNNN	GCTTATAAAGTGAAT
M00216	V\$TATA_C	0.81349 2	749	(+)	NCTATAAAAR	CTTATAAAGT
M00252	V\$TATA_01	0.76366 9	750	(+)	STATAAAWRNNNNNN	TTATAAAGTGAATGT
M00216	V\$TATA_C	0.77528 5	777	(+)	NCTATAAAAR	CCTGTAAGAG
M00216	V\$TATA_C	0.92843 4	939	(+)	NCTATAAAAR	CAAATAAAAT
M00216	V\$TATA_C	0.84876 9	954	(+)	NCTATAAAAR	TGTTTAAAAA
M00252	V\$TATA_01	0.77036 9	955	(+)	STATAAAWRNNNNNN	GTTTAAAAATAATTG
M00252	V\$TATA_01	0.74491 3	1005	(+)	STATAAAWRNNNNNN	TTATATGTCAAAAAG
M00216	V\$TATA_C	0.75706 7	1020	(+)	NCTATAAAAR	TCATTAGAAT
M00216	V\$TATA_C	0.80131 4	1064	(+)	NCTATAAAAR	ACTGGAAAAG
M00252	V\$TATA_01	0.78188 9	1108	(+)	STATAAAWRNNNNNN	TTATATGTGGTCATA
M00216	V\$TATA_C	0.75996 5	1169	(+)	NCTATAAAAR	AGTTAAAAAT
M00216	V\$TATA_C	0.88302 8	1337	(+)	NCTATAAAAR	CCCTTATGAG
M00216	V\$TATA_C	0.77950 1	1384	(+)	NCTATAAAAR	ATTTTAAAAA
M00216	V\$TATA_C	0.81197 9	1385	(+)	NCTATAAAAR	TTTTAAAAAG
M00252	V\$TATA_01	0.82175 7	1385	(+)	STATAAAWRNNNNNN	TTTTAAAAAGATTTC
M00216	V\$TATA_C	0.78025 9	1429	(+)	NCTATAAAAR	TCCATAAGAT
M00252	V\$TATA_01	0.79482 9	1437	(+)	STATAAAWRNNNNNN	ATTTAAGAAGAATTG
M00216	V\$TATA_C	4	1448	(+)	NCTATAAAAR	ATTGTAAAAA

		0.83205				
M00216	V\$TATA_C	7	1450	(+)	NCTATAAAAR	TGTAAAAAAA
		0.80385				
M00252	V\$TATA_01	7	1458	(+)	STATAAAWRNNNNNN	AAATATATGGCATT
		0.82492				
M00216	V\$TATA_C	7	1474	(+)	NCTATAAAAR	AGTATAAACA
		0.80969				
M00252	V\$TATA_01	3	1475	(+)	STATAAAWRNNNNNN	GTATAAACATCATTA
		0.77696				
M00252	V\$TATA_01	1547	1547	(+)	STATAAAWRNNNNNN	GAATAAGTGGATAAA
		0.79269				
M00252	V\$TATA_01	2	1555	(+)	STATAAAWRNNNNNN	GGATAAATTAATAAA
		0.87490				
M00252	V\$TATA_01	5	1578	(+)	STATAAAWRNNNNNN	CTATTTATACATAGG
		0.77619				
M00252	V\$TATA_01	9	1582	(+)	STATAAAWRNNNNNN	TTATACATAGGGTCA
		0.78330				
M00252	V\$TATA_01	4	1717	(+)	STATAAAWRNNNNNN	GTATTCAAATCCATG
		0.79482				
M00216	V\$TATA_C	4	1822	(+)	NCTATAAAAR	TGATTATAAG
		0.82238				
M00252	V\$TATA_01	1823	1823	(+)	STATAAAWRNNNNNN	GATTATAAGGAGAGT
		0.77467				
M00252	V\$TATA_01	6	1825	(+)	STATAAAWRNNNNNN	TTATAAGGAGAGTAA
		0.7729				
M00252	V\$TATA_01	1845	1845	(+)	STATAAAWRNNNNNN	TTATTAATTAGCTTC
		0.82492				
M00216	V\$TATA_C	7	1941	(+)	NCTATAAAAR	AGTATAATAA
		0.84978				
M00252	V\$TATA_01	4	1942	(+)	STATAAAWRNNNNNN	GTATAATAAGATACA
		0.77036				
M00252	V\$TATA_01	3	1969	(+)	STATAAAWRNNNNNN	TTATGTAAATATAAG
		0.79243				
M00252	V\$TATA_01	8	1973	(+)	STATAAAWRNNNNNN	GTAAATATAAGAATA
		0.74016				
M00216	V\$TATA_C	4	1974	(+)	NCTATAAAAR	TAAATATAAG
		0.79599				
M00252	V\$TATA_01	1	1975	(+)	STATAAAWRNNNNNN	AAATATAAGAATATT
		0.74465				
M00216	V\$TATA_C	3	1976	(+)	NCTATAAAAR	AATATAAGAA
		0.78406				
M00252	V\$TATA_01	5	1977	(+)	STATAAAWRNNNNNN	ATATAAGAATATTAA
		0.77315				
M00252	V\$TATA_01	4	1985	(+)	STATAAAWRNNNNNN	ATATTAAATTGTTTA
		0.87536				
M00216	V\$TATA_C	3	1994	(+)	NCTATAAAAR	TGTTTATAAG
		0.86018				
M00252	V\$TATA_01	8	1995	(+)	STATAAAWRNNNNNN	GTTTATAAGGATAAT
		0.76868				
M00216	V\$TATA_C	2	2041	(+)	NCTATAAAAR	AGTGTATAAA
		0.77315				
M00252	V\$TATA_01	4	2042	(+)	STATAAAWRNNNNNN	GTGTATAAACTTTGA
		0.81462				
M00216	V\$TATA_C	9	2043	(+)	NCTATAAAAR	TGTATAAACT
		0.77493				
M00252	V\$TATA_01	2044	2044	(+)	STATAAAWRNNNNNN	GTATAAACTTTGAAA
		0.80749				
M00216	V\$TATA_C	9	2050	(+)	NCTATAAAAR	ACTTTGAAAC
		0.74412				
M00216	V\$TATA_C	5	2059	(+)	NCTATAAAAR	CCTATAATCA
		0.74016				
M00216	V\$TATA_C	4	2088	(+)	NCTATAAAAR	CTTATGTAAG
		0.77366				
M00252	V\$TATA_01	2	2098	(+)	STATAAAWRNNNNNN	TTATGAAGATGGACA
		0.79931				
M00216	V\$TATA_C	3	2168	(+)	NCTATAAAAR	AGTTAAAAAA

M00216	V\$TATA_C	0.75547 9	2169	(+)	NCTATAAAAR	GTAAAAAAC
M00252	V\$TATA_01	0.77772 1	2169	(+)	STATAAAWRNNNNNN	GTAAAAAACGTACA
M00216	V\$TATA_C	0.87404 3	2240	(+)	NCTATAAAAR	TTCTTAAAG
M00216	V\$TATA_C	0.83205 7	2263	(+)	NCTATAAAAR	ACCATAACAA
M00252	V\$TATA_01	0.77721 4	2264	(+)	STATAAAWRNNNNNN	CCATAACAAGGACTT
M00216	V\$TATA_C	0.85239 0.75019	2278	(+)	NCTATAAAAR	TCTTTTAAAG
M00216	V\$TATA_C	8	2279	(+)	NCTATAAAAR	CTTTTAAAGT
M00252	V\$TATA_01	0.81426 0.80937	2279	(+)	STATAAAWRNNNNNN	CTTTTAAAGTTCAGG
M00126	V\$GATA1_02	5	14	(+)	NNNNNGATANKGNN	GTATAAATAGTGTT
M00075	V\$GATA1_01	0.79121 4	30	(-)	SNNGATNNNN	GCCAATCCAT
M00075	V\$GATA1_01	0.86821 3	34	(-)	SNNGATNNNN	ATCCATCAGA
M00076	V\$GATA2_01	0.85926 9	34	(-)	NNNGATRNNN	ATCCATCAGA
M00126	V\$GATA1_02	0.82562 5	39	(+)	NNNNNGATANKGNN	TCAGAGATATTCCA
M00075	V\$GATA1_01	0.82477 8	41	(+)	SNNGATNNNN	AGAGATATTC
M00076	V\$GATA2_01	0.86648 6	41	(+)	NNNGATRNNN	AGAGATATTC
M00077	V\$GATA3_01	0.85201 6	42	(+)	NNGATARNG	GAGATATTC
M00203	V\$GATA_C	0.83690 6	61	(-)	NGATAAGNMNN	ACTACTTGCTCT
M00127	V\$GATA1_03	0.85031 8	62	(-)	RNSNNGATAANNGN	CTACTTGCTTCCT
M00203	V\$GATA_C	0.91643 4	97	(-)	NGATAAGNMNN	TTCATTTATCT
M00126	V\$GATA1_02	0.84625 0.87702	98	(-)	NNNNNGATANKGNN	TCATTTATCTTTTT
M00127	V\$GATA1_03	1	98	(-)	RNSNNGATAANNGN	TCATTTATCTTTTT
M00128	V\$GATA1_04	0.90655 6	98	(-)	NNCWGATARNNNN	TCATTTATCTTTT
M00076	V\$GATA2_01	0.80694 6	100	(-)	NNNGATRNNN	ATTTATCTTT
M00077	V\$GATA3_01	0.84669 9	100	(-)	NNGATARNG	ATTTATCTT
M00075	V\$GATA1_01	0.81688 1	198	(+)	SNNGATNNNN	TAAGATTCTT
M00076	V\$GATA2_01	0.84122 7	198	(+)	NNNGATRNNN	TAAGATTCTT
M00128	V\$GATA1_04	0.83792 9	217	(+)	NNCWGATARNNNN	GTTTGATAGCTAA
M00075	V\$GATA1_01	0.85093 8	218	(+)	SNNGATNNNN	TTTGATAGCT
M00076	V\$GATA2_01	0.85701 4	218	(+)	NNNGATRNNN	TTTGATAGCT
M00077	V\$GATA3_01	0.83119 2	219	(+)	NNGATARNG	TTGATAGCT
M00203	V\$GATA_C	0.83814 8	220	(+)	NGATAAGNMNN	TGATAGCTAAC
M00076	V\$GATA2_01	0.84212 9	227	(+)	NNNGATRNNN	TAACATAGCT
M00203	V\$GATA_C	0.95433 4	238	(-)	NGATAAGNMNN	ATGATTTATCT

M00126	V\$GATA1_02	0.7975 0.86452	239	(-)	NNNNNGATANKGNN	TGATTTATCTCCTT
M00127	V\$GATA1_03	7 0.89981	239	(-)	RNSNNGATAANNGN	TGATTTATCTCCTT
M00128	V\$GATA1_04	6 0.84649	239	(-)	NNCWGATARNNNN	TGATTTATCTCCT
M00075	V\$GATA1_01	6 0.86197	241	(-)	SNNGATNNNN	ATTTATCTCC
M00076	V\$GATA2_01	6 0.86397	241	(-)	NNNGATRNNN	ATTTATCTCC
M00077	V\$GATA3_01	9 0.81737	241	(-)	NNGATARNG	ATTTATCTC
M00075	V\$GATA1_01	4 0.82318	280	(+)	SNNGATNNNN	ACAGATGCTA
M00076	V\$GATA2_01	4 0.81700	280	(+)	NNNGATRNNN	ACAGATGCTA
M00127	V\$GATA1_03	1 0.87946	293	(-)	RNSNNGATAANNGN	ATTGTTATACTGCT
M00203	V\$GATA_C	6 0.84031	302	(-)	NGATAAGNMNN	CTGCTCTATCT
M00126	V\$GATA1_02	3 0.91421	303	(-)	NNNNNGATANKGNN	TGCTCTATCTTATG
M00128	V\$GATA1_04	6 0.83810	303	(-)	NNCWGATARNNNN	TGCTCTATCTTAT
M00075	V\$GATA1_01	5 0.90392	305	(-)	SNNGATNNNN	CTCTATCTTA
M00076	V\$GATA2_01	4 0.94195	305	(-)	NNNGATRNNN	CTCTATCTTA
M00077	V\$GATA3_01	8 0.85389	305	(-)	NNGATARNG	CTCTATCTT
M00075	V\$GATA1_01	9 0.87956	326	(-)	SNNGATNNNN	CACAATCTTA
M00076	V\$GATA2_01	7 0.92822	326	(-)	NNNGATRNNN	CACAATCTTA
M00077	V\$GATA3_01	3 0.82190	326	(-)	NNGATARNG	CACAATCTT
M00127	V\$GATA1_03	1 0.85192	346	(-)	RNSNNGATAANNGN	GAGCTAATCATCAT
M00075	V\$GATA1_01	5 0.82092	348	(-)	SNNGATNNNN	GCTAATCATC
M00076	V\$GATA2_01	9 0.83030	348	(-)	NNNGATRNNN	GCTAATCATC
M00077	V\$GATA3_01	6 0.88252	348	(-)	NNGATARNG	GCTAATCAT
M00075	V\$GATA1_01	7 0.84889	351	(-)	SNNGATNNNN	AATCATCATG
M00076	V\$GATA2_01	5 0.80108	351	(-)	NNNGATRNNN	AATCATCATG
M00075	V\$GATA1_01	6 0.80207	369	(-)	SNNGATNNNN	GAAAATCCAG
M00075	V\$GATA1_01	3 0.79348	406	(-)	SNNGATNNNN	CTGGATCACT
M00127	V\$GATA1_03	4 0.83162	410	(-)	RNSNNGATAANNGN	ATCACTTTCCTCAT
M00203	V\$GATA_C	5 0.82843	415	(-)	NGATAAGNMNN	TTTCCTCATCT
M00128	V\$GATA1_04	1 0.83711	416	(-)	NNCWGATARNNNN	TTCTCATCTGTT
M00075	V\$GATA1_01	7 0.84618	418	(-)	SNNGATNNNN	CCTCATCTGT
M00076	V\$GATA2_01	9 0.89499	418	(-)	NNNGATRNNN	CCTCATCTGT
M00077	V\$GATA3_01	3 0.82589	418	(-)	NNGATARNG	CCTCATCTG
M00076	V\$GATA2_01	1	482	(+)	NNNGATRNNN	CAACATACCT

M00075	V\$GATA1_01	0.91757 2	511	(+)	SNNGATNNNN	GCAGATGCTT
M00076	V\$GATA2_01	0.89986 5	511	(+)	NNNGATRNNN	GCAGATGCTT
M00126	V\$GATA1_02	0.81187 5	528	(-)	NNNNNGATANKGNN	ACCACTATTTCTAT
M00127	V\$GATA1_03	0.79078 9	528	(-)	RNSNNGATAANNGN	ACCACTATTTCTAT
M00203	V\$GATA_C	0.87356 3	546	(-)	NGATAAGNMNN	CTCATTTATCA
M00126	V\$GATA1_02	0.82187 5	547	(-)	NNNNNGATANKGNN	TCATTTATCAACAT
M00127	V\$GATA1_03	0.90004 9	547	(-)	RNSNNGATAANNGN	TCATTTATCAACAT
M00128	V\$GATA1_04	0.85508 6	547	(-)	NNCWGATARNNNN	TCATTTATCAACA
M00075	V\$GATA1_01	0.80256 7	549	(-)	SNNGATNNNN	ATTTATCAAC
M00126	V\$GATA1_02	0.77093 8	556	(+)	NNNNNGATANKGNN	AACATGATATAAGC
M00127	V\$GATA1_03	0.80548 8	556	(+)	RNSNNGATAANNGN	AACATGATATAAGC
M00128	V\$GATA1_04	0.86489 5	557	(+)	NNCWGATARNNNN	ACATGATATAAGC
M00075	V\$GATA1_01	0.82576 5	558	(+)	SNNGATNNNN	CATGATATAA
M00076	V\$GATA2_01	0.82228 2	558	(+)	NNNGATRNNN	CATGATATAA
M00077	V\$GATA3_01	0.82321 7	559	(+)	NNGATARNG	ATGATATAA
M00203	V\$GATA_C	0.84529 4	560	(+)	NGATAAGNMNN	TGATATAAGCA
M00203	V\$GATA_C	0.84653 6	589	(-)	NGATAAGNMNN	AATATTTGTCC
M00126	V\$GATA1_02	0.77281 3	629	(-)	NNNNNGATANKGNN	TAAAATATCTTAAG
M00075	V\$GATA1_01	0.81934 8	631	(-)	SNNGATNNNN	AAATATCTTA
M00076	V\$GATA2_01	0.89445 2	631	(-)	NNNGATRNNN	AAATATCTTA
M00077	V\$GATA3_01	0.83473 6	631	(-)	NNGATARNG	AAATATCTT
M00203	V\$GATA_C	0.92948 1	707	(-)	NGATAAGNMNN	TATATTTATCA
M00127	V\$GATA1_03	0.87971 6	708	(-)	RNSNNGATAANNGN	ATATTTATCATCTT
M00128	V\$GATA1_04	0.91329 7	708	(-)	NNCWGATARNNNN	ATATTTATCATCT
M00075	V\$GATA1_01	0.83859 8	710	(-)	SNNGATNNNN	ATTTATCATC
M00076	V\$GATA2_01	0.84258 2	710	(-)	NNNGATRNNN	ATTTATCATC
M00077	V\$GATA3_01	0.82321 7	710	(-)	NNGATARNG	ATTTATCAT
M00076	V\$GATA2_01	0.82138 7	713	(-)	NNNGATRNNN	TATCATCTTA
M00077	V\$GATA3_01	0.84492 7	713	(-)	NNGATARNG	TATCATCTT
M00127	V\$GATA1_03	0.78319 5	746	(+)	RNSNNGATAANNGN	ATGCTTATAAAGTG
M00203	V\$GATA_C	0.88816 4	768	(-)	NGATAAGNMNN	GTGCATTATCC
M00126	V\$GATA1_02	0.84437 5	769	(-)	NNNNNGATANKGNN	TGCATTATCCTGTA
M00128	V\$GATA1_04	0.82659 3	769	(-)	NNCWGATARNNNN	TGCATTATCCTGT

		0.86870				
M00075	V\$GATA1_01	7	771	(-)	SNNGATNNNN	CATTATCCTG
		0.91610				
M00076	V\$GATA2_01	3	771	(-)	NNNGATRNNN	CATTATCCTG
		0.88834				
M00077	V\$GATA3_01	7	771	(-)	NNGATARNG	CATTATCCT
		0.80468				
M00126	V\$GATA1_02	8	792	(-)	NNNNNGATANKGNN	AAGAATATCTGGGA
		0.88598				
M00075	V\$GATA1_01	2	794	(-)	SNNGATNNNN	GAATATCTGG
		0.90798				
M00076	V\$GATA2_01	4	794	(-)	NNNGATRNNN	GAATATCTGG
		0.82897				
M00077	V\$GATA3_01	7	794	(-)	NNGATARNG	GAATATCTG
		0.84106				
M00075	V\$GATA1_01	6	801	(+)	SNNGATNNNN	TGGGATTCTT
M00076	V\$GATA2_01	0.86378	801	(+)	NNNGATRNNN	TGGGATTCTT
		0.79906				
M00126	V\$GATA1_02	3	816	(+)	NNNNNGATANKGNN	GGAATGATAAATTA
M00127	V\$GATA1_03	0.83121	816	(+)	RNSNNGATAANNGN	GGAATGATAAATTA
		0.84926				
M00128	V\$GATA1_04	5	817	(+)	NNCWGATARNNNN	GAATGATAAATTA
		0.77393				
M00075	V\$GATA1_01	9	818	(+)	SNNGATNNNN	AATGATAAAT
M00076	V\$GATA2_01	0.79567	818	(+)	NNNGATRNNN	AATGATAAAT
		0.82321				
M00077	V\$GATA3_01	7	819	(+)	NNGATARNG	ATGATAAAT
		0.89344				
M00203	V\$GATA_C	5	820	(+)	NGATAAGNMNN	TGATAAATTA
		0.78845				
M00076	V\$GATA2_01	3	842	(-)	NNNGATRNNN	GGCAATGCTA
		0.77492				
M00075	V\$GATA1_01	6	848	(-)	SNNGATNNNN	GCTAATCTTA
		0.81777				
M00076	V\$GATA2_01	2	848	(-)	NNNGATRNNN	GCTAATCTTA
		0.85378				
M00077	V\$GATA3_01	8	848	(-)	NNGATARNG	GCTAATCTT
		0.80377				
M00127	V\$GATA1_03	3	858	(+)	RNSNNGATAANNGN	AGACAGAGAATAAT
		0.79103				
M00127	V\$GATA1_03	4	905	(+)	RNSNNGATAANNGN	GCAAAGATCACCAG
		0.87364				
M00075	V\$GATA1_01	3	907	(-)	SNNGATNNNN	AAAGATCACC
		0.79792				
M00076	V\$GATA2_01	5	907	(+)	NNNGATRNNN	AAAGATCACC
		0.84122				
M00076	V\$GATA2_01	7	907	(-)	NNNGATRNNN	AAAGATCACC
		0.82082				
M00075	V\$GATA1_01	9	943	(-)	SNNGATNNNN	TAAAATCTTG
		0.80920				
M00076	V\$GATA2_01	2	943	(-)	NNNGATRNNN	TAAAATCTTG
		0.83296				
M00077	V\$GATA3_01	4	943	(-)	NNGATARNG	TAAAATCTT
		0.82562				
M00126	V\$GATA1_02	5	1076	(+)	NNNNNGATANKGNN	GCATTGATACGTAG
		0.81357				
M00127	V\$GATA1_03	2	1076	(+)	RNSNNGATAANNGN	GCATTGATACGTAG
M00075	V\$GATA1_01	0.82922	1078	(+)	SNNGATNNNN	ATTGATACGT
		0.78664				
M00076	V\$GATA2_01	9	1078	(+)	NNNGATRNNN	ATTGATACGT
		0.85119				
M00203	V\$GATA_C	6	1080	(+)	NGATAAGNMNN	TGATACGTAGT

		0.84032				
M00203	V\$GATA_C	3	1103	(-)	NGATAAGNMNN	GGGACTTATAT
		0.80469				
M00076	V\$GATA2_01	1	1116	(+)	NNNGATRNNN	GGTCATAGTA
		0.77218				
M00126	V\$GATA1_02	8	1126	(+)	NNNNNGATANKGN	TTAGAGATTGAGCT
M00075	V\$GATA1_01	0.83465	1128	(+)	SNNGATNNNN	AGAGATTGAG
		0.81506				
M00076	V\$GATA2_01	5	1128	(+)	NNNGATRNNN	AGAGATTGAG
		0.92556				
M00077	V\$GATA3_01	5	1129	(+)	NNGATARNG	GAGATTGAG
		0.81293				
M00075	V\$GATA1_01	2	1143	(+)	SNNGATNNNN	GGGGATCTTA
		0.77443				
M00075	V\$GATA1_01	2	1143	(-)	SNNGATNNNN	GGGGATCTTA
		0.83716				
M00076	V\$GATA2_01	7	1143	(+)	NNNGATRNNN	GGGGATCTTA
		0.85656				
M00076	V\$GATA2_01	3	1143	(-)	NNNGATRNNN	GGGGATCTTA
		0.78035				
M00075	V\$GATA1_01	5	1152	(-)	SNNGATNNNN	AGAAATCAAA
		0.82872				
M00075	V\$GATA1_01	7	1157	(-)	SNNGATNNNN	TCAAATCTTC
		0.82092				
M00076	V\$GATA2_01	9	1157	(-)	NNNGATRNNN	TCAAATCTTC
		0.85378				
M00077	V\$GATA3_01	8	1157	(-)	NNGATARNG	TCAAATCTT
		0.82428				
M00075	V\$GATA1_01	4	1173	(-)	SNNGATNNNN	AAAAATCTCA
		0.83806				
M00076	V\$GATA2_01	9	1173	(-)	NNNGATRNNN	AAAAATCTCA
		0.79740				
M00127	V\$GATA1_03	3	1187	(-)	RNSNNGATAANNGN	GTGGTTATTCTGTC
		0.84550				
M00075	V\$GATA1_01	8	1207	(+)	SNNGATNNNN	AGTGATGTTC
		0.82679				
M00076	V\$GATA2_01	3	1207	(+)	NNNGATRNNN	AGTGATGTTC
		0.79657				
M00076	V\$GATA2_01	2	1240	(-)	NNNGATRNNN	GCCTGTCCCA
		0.77147				
M00075	V\$GATA1_01	1	1258	(+)	SNNGATNNNN	TGGGATCAGC
		0.85143				
M00075	V\$GATA1_01	1	1258	(-)	SNNGATNNNN	TGGGATCAGC
		0.84032				
M00076	V\$GATA2_01	5	1258	(+)	NNNGATRNNN	TGGGATCAGC
		0.84167				
M00076	V\$GATA2_01	8	1258	(-)	NNNGATRNNN	TGGGATCAGC
		0.77147				
M00075	V\$GATA1_01	1	1280	(+)	SNNGATNNNN	TGGGATCAGC
		0.85143				
M00075	V\$GATA1_01	1	1280	(-)	SNNGATNNNN	TGGGATCAGC
		0.84032				
M00076	V\$GATA2_01	5	1280	(+)	NNNGATRNNN	TGGGATCAGC
		0.84167				
M00076	V\$GATA2_01	8	1280	(-)	NNNGATRNNN	TGGGATCAGC
		0.82337				
M00127	V\$GATA1_03	1	1293	(-)	RNSNNGATAANNGN	CTTCTTGTCACCCAC
		0.79103				
M00127	V\$GATA1_03	4	1313	(-)	RNSNNGATAANNGN	GTTCTTTTCACCTG
		0.79702				
M00076	V\$GATA2_01	3	1338	(-)	NNNGATRNNN	CCTTATGAGG
		0.78084				
M00075	V\$GATA1_01	9	1375	(-)	SNNGATNNNN	TGAAATCTGA
		0.82724				
M00076	V\$GATA2_01	4	1375	(-)	NNNGATRNNN	TGAAATCTGA

M00075	V\$GATA1_01	0.80157 9	1380	(+)	SNNGATNNNN	TCTGATTTTA
M00076	V\$GATA2_01	0.79702 3	1380	(+)	NNNGATRNNN	TCTGATTTTA
M00075	V\$GATA1_01	0.78726 6	1391	(+)	SNNGATNNNN	AAAGATTCT
M00076	V\$GATA2_01	0.81641 9	1391	(+)	NNNGATRNNN	AAAGATTCT
M00126	V\$GATA1_02	0.80781 3	1414	(+)	NNNNNGATANKGNN	TTTCTGATATGATT
M00128	V\$GATA1_04	0.86764 7	1415	(+)	NNCWGATARNNNN	TTCTGATATGATT
M00075	V\$GATA1_01	0.83761 1	1416	(+)	SNNGATNNNN	TCTGATATGA
M00076	V\$GATA2_01	0.86783 9	1416	(+)	NNNGATRNNN	TCTGATATGA
M00077	V\$GATA3_01	0.85821 9	1417	(+)	NNGATARNG	CTGATATGA
M00203	V\$GATA_C	0.83814 8	1418	(+)	NGATAAGNMNN	TGATATGATTC
M00075	V\$GATA1_01	0.82280 4	1421	(+)	SNNGATNNNN	TATGATTCTC
M00076	V\$GATA2_01	0.82634 2	1421	(+)	NNNGATRNNN	TATGATTCTC
M00075	V\$GATA1_01	0.83168 8	1479	(-)	SNNGATNNNN	AAACATCATT
M00076	V\$GATA2_01	0.82228 2	1479	(-)	NNNGATRNNN	AAACATCATT
M00126	V\$GATA1_02	0.85937 5	1498	(-)	NNNNNGATANKGNN	CACTGTATCTTTAT
M00127	V\$GATA1_03	0.82484 1	1498	(-)	RNSNNGATAANNGN	CACTGTATCTTTAT
M00075	V\$GATA1_01	0.80404 7	1500	(-)	SNNGATNNNN	CTGTATCTTT
M00076	V\$GATA2_01	0.84618 9	1500	(-)	NNNGATRNNN	CTGTATCTTT
M00077	V\$GATA3_01	0.86265 8	1500	(-)	NNGATARNG	CTGTATCTT
M00076	V\$GATA2_01	0.82047 8	1527	(+)	NNNGATRNNN	TGACATAGCA
M00127	V\$GATA1_03	0.83856 1551	1551	(+)	RNSNNGATAANNGN	AAGTGGATAAATTA
M00075	V\$GATA1_01	0.77739 4	1553	(+)	SNNGATNNNN	GTGGATAAAT
M00076	V\$GATA2_01	0.78664 9	1553	(+)	NNNGATRNNN	GTGGATAAAT
M00203	V\$GATA_C	0.89064 9	1555	(+)	NGATAAGNMNN	GGATAAATTAA
M00126	V\$GATA1_02	0.81093 7	1582	(+)	NNNNNGATANKGNN	TTATACATAGGGTC
M00076	V\$GATA2_01	0.79431 7	1596	(-)	NNNGATRNNN	AATTATGCCA
M00076	V\$GATA2_01	0.82408 7	1612	(-)	NNNGATRNNN	TGGTATGCCC
M00076	V\$GATA2_01	0.80018 1647	1647	(+)	NNNGATRNNN	TAAGATTTTA
M00077	V\$GATA3_01	0.83296 4	1648	(+)	NNGATARNG	AAGATTTTA
M00075	V\$GATA1_01	0.82823 3	1710	(-)	SNNGATNNNN	ACTCATCGTA
M00076	V\$GATA2_01	0.85430 8	1710	(-)	NNNGATRNNN	ACTCATCGTA
M00075	V\$GATA1_01	0.79763 1	1741	(-)	SNNGATNNNN	ATGAATCTAC
M00203	V\$GATA_C	0.90090 1	1748	(-)	NGATAAGNMNN	TACTTTTATCA

		0.81531				
M00126	V\$GATA1_02	3	1749	(-)	NNNNNGATANKGNN	ACTTTTATCAGTCT
		0.90249				
M00127	V\$GATA1_03	9	1749	(-)	RNSNNGATAANNGN	ACTTTTATCAGTCT
		0.93045				
M00128	V\$GATA1_04	3	1749	(-)	NNCWGATARNNNN	ACTTTTATCAGTC
		0.84935				
M00077	V\$GATA3_01	8	1751	(-)	NNGATARNG	TTTTATCAG
		0.84405				
M00203	V\$GATA_C	1	1775	(-)	NGATAAGNMNN	TCTAATTATCT
M00126	V\$GATA1_02	0.785	1776	(-)	NNNNNGATANKGNN	CTAATTATCTGAAG
		0.81430				
M00127	V\$GATA1_03	7	1776	(-)	RNSNNGATAANNGN	CTAATTATCTGAAG
		0.92279				
M00128	V\$GATA1_04	4	1776	(-)	NNCWGATARNNNN	CTAATTATCTGAA
		0.82181				
M00075	V\$GATA1_01	6	1778	(-)	SNNGATNNNN	AATTATCTGA
		0.88768				
M00076	V\$GATA2_01	6	1778	(-)	NNNGATRNNN	AATTATCTGA
		0.86087				
M00077	V\$GATA3_01	7	1778	(-)	NNGATARNG	AATTATCTG
		0.84437				
M00126	V\$GATA1_02	5	1784	(+)	NNNNNGATANKGNN	CTGAAGATAATTTA
		0.87285				
M00127	V\$GATA1_03	6	1784	(+)	RNSNNGATAANNGN	CTGAAGATAATTTA
		0.83731				
M00128	V\$GATA1_04	6	1785	(+)	NNCWGATARNNNN	TGAAGATAATTTA
		0.85735				
M00075	V\$GATA1_01	4	1786	(+)	SNNGATNNNN	GAAGATAATT
		0.89400				
M00076	V\$GATA2_01	1	1786	(+)	NNNGATRNNN	GAAGATAATT
		0.86663				
M00077	V\$GATA3_01	7	1787	(+)	NNGATARNG	AAGATAATT
M00203	V\$GATA_C	0.85803	1788	(+)	NGATAAGNMNN	AGATAATTTAA
		0.79121				
M00075	V\$GATA1_01	4	1820	(+)	SNNGATNNNN	TGTGATTATA
		0.78213				
M00076	V\$GATA2_01	8	1820	(+)	NNNGATRNNN	TGTGATTATA
		0.85866				
M00077	V\$GATA3_01	2	1821	(+)	NNGATARNG	GTGATTATA
		0.82337				
M00127	V\$GATA1_03	1	1821	(+)	RNSNNGATAANNGN	GTGATTATAAGGAG
		0.79054				
M00127	V\$GATA1_03	4	1821	(-)	RNSNNGATAANNGN	GTGATTATAAGGAG
		0.80132				
M00127	V\$GATA1_03	3	1848	(-)	RNSNNGATAANNGN	TTAATTAGCTTCTT
		0.81063				
M00127	V\$GATA1_03	2	1856	(-)	RNSNNGATAANNGN	CTTCTGTCTATCT
		0.85834				
M00203	V\$GATA_C	1	1859	(-)	NGATAAGNMNN	CTTGTCTATCT
		0.77468				
M00126	V\$GATA1_02	7	1860	(-)	NNNNNGATANKGNN	TTGTCTATCTCACA
		0.87959				
M00128	V\$GATA1_04	6	1860	(-)	NNCWGATARNNNN	TTGTCTATCTCAC
		0.84057				
M00075	V\$GATA1_01	3	1862	(-)	SNNGATNNNN	GTCTATCTCA
		0.89535				
M00076	V\$GATA2_01	4	1862	(-)	NNNGATRNNN	GTCTATCTCA
		0.89233				
M00077	V\$GATA3_01	5	1862	(-)	NNGATARNG	GTCTATCTC
M00076	V\$GATA2_01	0.79161	1895	(-)	NNNGATRNNN	CTTCATCTTT
		0.85999				
M00077	V\$GATA3_01	1	1895	(-)	NNGATARNG	CTTCATCTT

		0.81161				
M00127	V\$GATA1_03	2	1899	(-)	RNSNNGATAANNGN	ATCTTTACCTGCCT
		0.81280				
M00128	V\$GATA1_04	6	1899	(-)	NNCWGATARNNNN	ATCTTTACCTGCC
		0.77591				
M00075	V\$GATA1_01	3	1917	(+)	SNNGATNNNN	GCTGTTGCCC
		0.78368				
M00127	V\$GATA1_03	4	1938	(+)	RNSNNGATAANNGN	GTAAGTATAATAAG
		0.79562				
M00126	V\$GATA1_02	5	1946	(+)	NNNNNGATANKGNN	AATAAGATACAGAT
		0.85631				
M00128	V\$GATA1_04	1	1947	(+)	NNCWGATARNNNN	ATAAGATACAGAT
		0.81243				
M00075	V\$GATA1_01	8	1948	(+)	SNNGATNNNN	TAAGATACAG
		0.87866				
M00076	V\$GATA2_01	5	1948	(+)	NNNGATRNNN	TAAGATACAG
M00077	V\$GATA3_01	0.86265	1949	(+)	NNGATARNG	AAGATACAG
		0.85368				
M00203	V\$GATA_C	1	1950	(+)	NGATAAGNMNN	AGATACAGATG
		0.80083				
M00127	V\$GATA1_03	3	1952	(+)	RNSNNGATAANNGN	ATACAGATGAGAAT
M00128	V\$GATA1_04	0.81587	1953	(+)	NNCWGATARNNNN	TACAGATGAGAAT
		0.79022				
M00075	V\$GATA1_01	7	1954	(+)	SNNGATNNNN	ACAGATGAGA
		0.80333				
M00076	V\$GATA2_01	8	1954	(+)	NNNGATRNNN	ACAGATGAGA
		0.85999				
M00077	V\$GATA3_01	1	1955	(+)	NNGATARNG	CAGATGAGA
		0.78417				
M00127	V\$GATA1_03	4	1973	(+)	RNSNNGATAANNGN	GTAAATATAAGAAT
		0.78221				
M00127	V\$GATA1_03	5	1993	(-)	RNSNNGATAANNGN	TTGTTTATAAGGAT
		0.84031				
M00126	V\$GATA1_02	3	1999	(+)	NNNNNGATANKGNN	ATAAGGATAATGTC
		0.88853				
M00127	V\$GATA1_03	5	1999	(+)	RNSNNGATAANNGN	ATAAGGATAATGTC
		0.79960				
M00075	V\$GATA1_01	5	2001	(+)	SNNGATNNNN	AAGGATAATG
		0.87460				
M00076	V\$GATA2_01	5	2001	(+)	NNNGATRNNN	AAGGATAATG
		0.88834				
M00077	V\$GATA3_01	7	2002	(+)	NNGATARNG	AGGATAATG
		0.86331				
M00203	V\$GATA_C	2	2003	(+)	NGATAAGNMNN	GGATAATGTCA
		0.82361				
M00127	V\$GATA1_03	6	2015	(+)	RNSNNGATAANNGN	GGGTAGACAGCAGG
		0.78093				
M00126	V\$GATA1_02	8	2029	(+)	NNNNNGATANKGNN	GAATAGAGAGGGAG
		0.83429				
M00077	V\$GATA3_01	3	2032	(+)	NNGATARNG	TAGAGAGGG
		0.78515				
M00127	V\$GATA1_03	4	2100	(+)	RNSNNGATAANNGN	ATGAAGATGGACAA
		0.86821				
M00075	V\$GATA1_01	3	2102	(+)	SNNGATNNNN	GAAGATGGAC
		0.87325				
M00076	V\$GATA2_01	2	2102	(+)	NNNGATRNNN	GAAGATGGAC
		0.82144				
M00077	V\$GATA3_01	4	2103	(+)	NNGATARNG	AAGATGGAC
M00203	V\$GATA_C	0.83908	2108	(+)	NGATAAGNMNN	GGACAAAAATA
		0.80867				
M00127	V\$GATA1_03	2	2129	(-)	RNSNNGATAANNGN	AGTGTTCCTCCTCT
		0.81490				
M00075	V\$GATA1_01	6	2142	(+)	SNNGATNNNN	TAGGATTGGA

M00076	V\$GATA2_01	0.85746 5	2142	(+)	NNNGATRNNN	TAGGATTGGA
M00077	V\$GATA3_01	0.86885 2	2143	(+)	NNGATARNG	AGGATTGGA
M00075	V\$GATA1_01	0.85784 8	2231	(-)	SNNGATNNNN	AAGAATCACT
M00076	V\$GATA2_01	0.80559 3	2231	(-)	NNNGATRNNN	AAGAATCACT
M00075	V\$GATA1_01	0.82231 2311	2311	(+)	SNNGATNNNN	GTAGATTCCC
M00076	V\$GATA2_01	0.78935 5	2311	(+)	NNNGATRNNN	GTAGATTCCC
M00076	V\$GATA2_01	0.79747 4	2333	(-)	NNNGATRNNN	GCATATGTCA
M00075	V\$GATA1_01	0.77640 7	2379	(+)	SNNGATNNNN	AAGGATCCTT
M00075	V\$GATA1_01	0.77640 7	2379	(-)	SNNGATNNNN	AAGGATCCTT
M00076	V\$GATA2_01	0.82318 4	2379	(+)	NNNGATRNNN	AAGGATCCTT
M00076	V\$GATA2_01	0.82318 4	2379	(-)	NNNGATRNNN	AAGGATCCTT
M00075	V\$GATA1_01	0.84402 8	2393	(+)	SNNGATNNNN	AATGATGTGT
M00076	V\$GATA2_01	0.82859 7	2393	(+)	NNNGATRNNN	AATGATGTGT
M00075	V\$GATA1_01	0.80108 6	2421	(+)	SNNGATNNNN	GGAGTTGGGC
M00075	V\$GATA1_01	0.85389 9	2483	(-)	SNNGATNNNN	CTCCATCCCT
M00076	V\$GATA2_01	0.86558 4	2483	(-)	NNNGATRNNN	CTCCATCCCT
M00077	V\$GATA3_01	0.86043 4	2483	(-)	NNGATARNG	CTCCATCCC
M00127	V\$GATA1_03	0.78613 4	2498	(+)	RNSNNGATAANNGN	AGGAAGATCCCATG
M00075	V\$GATA1_01	0.80997 2500	2500	(+)	SNNGATNNNN	GAAGATCCCA
M00075	V\$GATA1_01	0.77739 4	2500	(-)	SNNGATNNNN	GAAGATCCCA
M00076	V\$GATA2_01	0.84483 5	2500	(+)	NNNGATRNNN	GAAGATCCCA
M00076	V\$GATA2_01	0.84889 5	2500	(-)	NNNGATRNNN	GAAGATCCCA
M00136	V\$OCT1_02	0.78451 5	41	(+)	NNGAATATKCANNNN	AGAGATATTCATTG
M00162	V\$OCT1_06	0.87812 5	44	(-)	CWNAWTKWSATRYN	GATATTCATTGCC
M00137	V\$OCT1_03	0.84907 2	86	(+)	NNNRTAATNANNN	GAGGTAATATTTT
M00138	V\$OCT1_04	0.87871 2	87	(-)	NNNNNNNWATGCAAATNNNW NNW	AGGTAATATTTTCATTTATCTT
M00135	V\$OCT1_01	0.78882 1	89	(-)	NNNNWTATGCAAATNTNNN	GTAATATTTTCATTTATCT
M00162	V\$OCT1_06	0.9375 91	91	(+)	CWNAWTKWSATRYN	AATATTTTCATTTA
M00195	V\$OCT1_Q6	0.82232 5	91	(-)	NNNNATGCAAATNAN	AATATTTTCATTTAT
M00248	V\$OCT1_07	0.81238 1	91	(+)	TNTATGNTAATT	AATATTTTCATT
M00138	V\$OCT1_04	0.80593 9	93	(-)	NNNNNNNWATGCAAATNNNW NNW	TATTTTCATTTATCTTTTGTGA
M00162	V\$OCT1_06	0.80546 9	104	(+)	CWNAWTKWSATRYN	ATCTTTTGTATT
M00162	V\$OCT1_06	0.85273 4	106	(+)	CWNAWTKWSATRYN	CTTTTGTATTCT

M00162	V\$OCT1_06	0.83437 5	123	(+)	CWNAWTKWSATRYN	TACCTTGTAATATT
M00162	V\$OCT1_06	0.80664 1	124	(-)	CWNAWTKWSATRYN	ACCTTGTAATATTG
M00137	V\$OCT1_03	0.88463 1	126	(+)	NNNRTAATNANNN	CTTGTAATATTGT
M00138	V\$OCT1_04	0.80447 5	127	(+)	NNNNNNNWATGCAAATNNNW	TTGTAATATTGTAAAACCTAATA
M00162	V\$OCT1_06	0.82656 2	131	(+)	CWNAWTKWSATRYN	AATATTGTAAAACC
M00138	V\$OCT1_04	0.78690 9	163	(-)	NNNNNNNWATGCAAATNNNW	AAGTATTTTTTAAAGAACTAAT
M00162	V\$OCT1_06	0.82890 6	230	(-)	CWNAWTKWSATRYN	CATAGCTAATGATT
M00137	V\$OCT1_03	0.88897 7	232	(+)	NNNRTAATNANNN	TAGCTAATGATTT
M00138	V\$OCT1_04	0.84776 2	265	(-)	NNNNNNNWATGCAAATNNNW	TAAAAAAATTAACATACAGATGC
M00135	V\$OCT1_01	0.85864 2	267	(-)	NNNNWTATGCAAATNTNNN	AAAAAATTAACATACAGAT
M00162	V\$OCT1_06	0.88125 0.79213	269	(+)	CWNAWTKWSATRYN	AAAATTAACATACA
M00138	V\$OCT1_04	7	270	(+)	NNNNNNNWATGCAAATNNNW	AAATTAACATACAGATGCTAGAA
M00248	V\$OCT1_07	0.99321 6	271	(-)	TNTATGNTAATT	AATTAACATACA
M00162	V\$OCT1_06	0.87343 7	290	(+)	CWNAWTKWSATRYN	GAAATTGTTATACT
M00162	V\$OCT1_06	0.80429 7	306	(-)	CWNAWTKWSATRYN	TCTATCTTATGATG
M00162	V\$OCT1_06	0.80156 2	313	(+)	CWNAWTKWSATRYN	TATGATGAAATGCC
M00162	V\$OCT1_06	0.81640 6	319	(-)	CWNAWTKWSATRYN	GAAATGCCACAATC
M00162	V\$OCT1_06	0.80468 7	326	(+)	CWNAWTKWSATRYN	CACAATCTTATTTT
M00137	V\$OCT1_03	0.84393 5	346	(+)	NNNRTAATNANNN	GAGCTAATCATCA
M00162	V\$OCT1_06	0.85507 8	354	(+)	CWNAWTKWSATRYN	CATCATGAGGTTTT
M00135	V\$OCT1_01	0.73407 1	361	(+)	NNNNWTATGCAAATNTNNN	AGGTTTTTGAAAATCCAGG
M00136	V\$OCT1_02	0.78505 7	364	(-)	NNGAATATKCANNNN	TTTTTGAAAATCCAG
M00162	V\$OCT1_06	0.86289 1	385	(+)	CWNAWTKWSATRYN	GCACATTAGATGTA
M00162	V\$OCT1_06	0.82148 4	386	(-)	CWNAWTKWSATRYN	CACATTAGATGTAT
M00137	V\$OCT1_03	0.86645 6	424	(+)	NNNRTAATNANNN	CTGTAAATCAGAC
M00138	V\$OCT1_04	0.78000 8	470	(-)	NNNNNNNWATGCAAATNNNW	AGAAAGAATTTACAACATACCTA
M00135	V\$OCT1_01	0.75200 3	502	(-)	NNNNWTATGCAAATNTNNN	CTGACAATAGCAGATGCTT
M00138	V\$OCT1_04	0.84504 4	557	(-)	NNNNNNNWATGCAAATNNNW	ACATGATATAAGCATTTCTTTAA
M00135	V\$OCT1_01	0.76554 8	559	(-)	NNNNWTATGCAAATNTNNN	ATGATATAAGCATTTCTTT
M00162	V\$OCT1_06	0.85507 8	567	(-)	CWNAWTKWSATRYN	AGCATTTCTTTAAC
M00138	V\$OCT1_04	0.78753 7	573	(-)	NNNNNNNWATGCAAATNNNW	TCITTAACCTTAGTTAATATTT
M00136	V\$OCT1_02	0.77666 5	583	(-)	NNGAATATKCANNNN	TTAGTTAATATTGT
M00136	V\$OCT1_02	0.78397 4	586	(+)	NNGAATATKCANNNN	GTTAATATTTGTCCA

M00162	V\$OCT1_06	0.80078 1	599	(-)	CWNAWTKWSATRYN	CATGTTCCAGTTTC
M00162	V\$OCT1_06	0.83437 5	608	(+)	CWNAWTKWSATRYN	GTTTCTTTCATCCA
M00138	V\$OCT1_04	0.84023 4	613	(+)	NNNNNNNNWATGCAAATNNNW	TTTCATCCATGGAAAATAAAATA
M00248	V\$OCT1_07	0.82001 3	618	(+)	TNTATGNTAATT	TCCATGGAAAAAT
M00162	V\$OCT1_06	0.85546 9	624	(+)	CWNAWTKWSATRYN	GAAAATAAAATATC
M00162	V\$OCT1_06	0.81367 2	624	(-)	CWNAWTKWSATRYN	GAAAATAAAATATC
M00162	V\$OCT1_06	0.82148 4	625	(-)	CWNAWTKWSATRYN	AAAATAAAATATCT
M00248	V\$OCT1_07	0.79860 1	626	(-)	TNTATGNTAATT	AAATAAAATATC
M00135	V\$OCT1_01	0.74093 9	634	(+)	NNNNWTATGCAAATNTNNN	TATCTTAAGTAAAATTGAG
M00138	V\$OCT1_04	0.78042 7	655	(+)	NNNNNNNNWATGCAAATNNNW	AAGTGGCTATATATAATGAAGTT
M00162	V\$OCT1_06	0.85507 8	662	(-)	CWNAWTKWSATRYN	TATATATAATGAAC
M00137	V\$OCT1_03	0.87238 2	664	(+)	NNNRATAATNANNN	TATATAATGAAGT
M00138	V\$OCT1_04	0.78523 6	670	(+)	NNNNNNNNWATGCAAATNNNW	ATGAAGTTATTTCAAAAATTTAA
M00138	V\$OCT1_04	0.85507 6	670	(+)	NNNNNNNNWATGCAAATNNNW	TGAAGTTATTTCAAAAATTTAAA
M00162	V\$OCT1_06	0.81367 2	675	(-)	CWNAWTKWSATRYN	CTTATTTCAAAAAT
M00162	V\$OCT1_06	0.82617 2	677	(-)	CWNAWTKWSATRYN	TATTTCAAAAATTT
M00138	V\$OCT1_04	0.87411 1	679	(+)	NNNNNNNNWATGCAAATNNNW	TTTCAAAAATTTAAATTATAAAA
M00138	V\$OCT1_04	0.86344 6	680	(-)	NNNNNNNNWATGCAAATNNNW	TTCAAAAATTTAAATTATAAAAT
M00135	V\$OCT1_01	0.73960 3	682	(-)	NNNNWTATGCAAATNTNNN	CAAAAATTTAAATTATAAA
M00162	V\$OCT1_06	0.83437 5	683	(+)	CWNAWTKWSATRYN	AAAAATTTAAATTA
M00195	V\$OCT1_Q6	0.84825 3	683	(+)	NNNNATGCAAATNAN	AAAAATTTAAATTAT
M00162	V\$OCT1_06	0.84765 6	684	(+)	CWNAWTKWSATRYN	AAAATTTAAATTAT
M00162	V\$OCT1_06	0.91679 7	684	(-)	CWNAWTKWSATRYN	AAAATTTAAATTAT
M00248	V\$OCT1_07	0.83230 9	684	(+)	TNTATGNTAATT	AAAATTTAAATT
M00138	V\$OCT1_04	0.79192 8	685	(+)	NNNNNNNNWATGCAAATNNNW	AAATTTAAATTATAAAATTTAAT
M00138	V\$OCT1_04	0.78356 3	686	(-)	NNNNNNNNWATGCAAATNNNW	AATTTAAATTATAAAATTTAATA
M00248	V\$OCT1_07	0.83230 9	686	(-)	TNTATGNTAATT	AATTTAAATTAT
M00137	V\$OCT1_03	0.84512 1	688	(-)	NNNRATAATNANNN	TTTAAATTATAAA
M00162	V\$OCT1_06	0.81367 2	690	(-)	CWNAWTKWSATRYN	TAAATTATAAAATT
M00162	V\$OCT1_06	0.82929 7	692	(+)	CWNAWTKWSATRYN	AATTATAAAATTTA
M00138	V\$OCT1_04	0.78063 6	693	(-)	NNNNNNNNWATGCAAATNNNW	ATTATAAAATTTAATATATTTAT
M00138	V\$OCT1_04	0.81409 5	695	(-)	NNNNNNNNWATGCAAATNNNW	TATAAAATTTAATATATTTATCA
M00135	V\$OCT1_01	0.75581 8	697	(-)	NNNNWTATGCAAATNTNNN	TAAAATTTAATATATTTAT

M00162	V\$OCT1_06	0.88125 0.89843	697	(+)	CWNAWTKWSATRYN	TAAAAATTTAATATA
M00162	V\$OCT1_06	7 0.79882	698	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	AAAATTTAATATAT
M00138	V\$OCT1_04	9 0.80949	701	(-)	NNW NNNNNNNNWATGCAAATNNNW	ATTTAATATATTTATCATCTTAT
M00138	V\$OCT1_04	4 0.86566	704	(-)	NNW	TAATATATTTATCATCTTATTTT
M00137	V\$OCT1_03	6 0.85781	706	(-)	NNNRTAATNANNN	ATATATTTATCAT
M00162	V\$OCT1_06	2 0.79276	719	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CTTATTTTAAAACA
M00138	V\$OCT1_04	5 0.84765	725	(-)	NNW	TAAAAACATTGTCATTATGAAAT
M00162	V\$OCT1_06	6 0.81210	729	(+)	CWNAWTKWSATRYN	AACATTGTCATTAT
M00162	V\$OCT1_06	9 0.95732	730	(-)	CWNAWTKWSATRYN	ACATTGTCATTATG
M00137	V\$OCT1_03	9 0.95312	733	(-)	NNNRTAATNANNN	TTGTCATTATGAA
M00162	V\$OCT1_06	5 0.83542	737	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CATTATGAAATGCT
M00138	V\$OCT1_04	5 0.84218	738	(+)	NNW	ATTATGAAATGCTTATAAAGTGA
M00162	V\$OCT1_06	7 0.84393	738	(-)	CWNAWTKWSATRYN	ATTATGAAATGCTT
M00137	V\$OCT1_03	5 0.82148	749	(+)	NNNRTAATNANNN	CTTATAAAGTGAA
M00162	V\$OCT1_06	4 0.93242	752	(+)	CWNAWTKWSATRYN	ATAAAGTGAATGTC
M00162	V\$OCT1_06	2	757	(+)	CWNAWTKWSATRYN	GTGAATGTCATGTG
M00162	V\$OCT1_06	0.85	758	(-)	CWNAWTKWSATRYN	TGAATGTCATGTGC
M00135	V\$OCT1_01	0.76612 0.85090	761	(-)	NNNNWTATGCAAATNTNNN	ATGTCATGTGCATTATCCT
M00161	V\$OCT1_05	5 0.80485	763	(+)	MKNATTGTCATAYY	GTCATGTGCATTAT
M00195	V\$OCT1_Q6	8 0.82322	763	(-)	NNNNATGCAAATNAN	GTCATGTGCATTATC
M00136	V\$OCT1_02	7 0.77043	765	(-)	NNGAATATKCANNNN	CATGTGCATTATCCT
M00136	V\$OCT1_02	9 0.86992	789	(-)	NNGAATATKCANNNN	AACAAGAATATCTGG
M00162	V\$OCT1_06	2 0.82726	796	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	ATATCTGGGATTCT
M00138	V\$OCT1_04	9 0.83164	811	(+)	NNW	TAGTAGGAATGATAAATTAATAA
M00162	V\$OCT1_06	1 0.80259	829	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	AATAACAAAAGCAG
M00138	V\$OCT1_04	3 0.77298	838	(+)	NNW	AGCAGGCAATGCTAATCTTAAGA
M00135	V\$OCT1_01	7 0.81795	840	(+)	NNNNWTATGCAAATNTNNN	CAGGCAATGCTAATCTTAA
M00195	V\$OCT1_Q6	9 0.81492	842	(+)	NNNNATGCAAATNAN	GGCAATGCTAATCTT
M00248	V\$OCT1_07	5 0.78586	843	(+)	TNTATGNTAATT NNNNNNNNWATGCAAATNNNW	GCAATGCTAATC
M00138	V\$OCT1_04	4 0.80429	867	(-)	NNW	ATAATTTCCCATGCATACACATTCT
M00162	V\$OCT1_06	7 0.82041	867	(+)	CWNAWTKWSATRYN	ATAATTTCCCATGCA
M00195	V\$OCT1_Q6	5 0.79422	867	(-)	NNNNATGCAAATNAN NNNNNNNNWATGCAAATNNNW	ATAATTTCCCATGCAT
M00138	V\$OCT1_04	8	868	(+)	NNW	TAATTTCCCATGCATACACATTCT

		0.84969				
M00248	V\$OCT1_07	3	869	(-)	TNTATGNTAATT	AATTCCCATGCA
		0.81212				
M00136	V\$OCT1_02	8	873	(-)	NNGAATATKCANNNN	CCCATGCATACACAT
		0.80937				
M00162	V\$OCT1_06	5	886	(-)	CWNAWTKWSATRYN	ATTCTCTAAATTTG
		0.84483			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	888	(-)	NNW	TCTCTAAATTTGCACAGGCAAAG
		0.82392				
M00135	V\$OCT1_01	2	890	(-)	NNNNWTATGCAAATNTNNN	TCTAAATTTGCACAGGCAA
		0.83336				
M00248	V\$OCT1_07	9	894	(-)	TNTATGNTAATT	AATTTGCACAGG
					NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.80343	895	(+)	NNW	ATTTGCACAGGCAAAGATCACCA
		0.74265				
M00135	V\$OCT1_01	5	897	(+)	NNNNWTATGCAAATNTNNN	TTGCACAGGCAAAGATCAC
		0.81601				
M00162	V\$OCT1_06	6	900	(-)	CWNAWTKWSATRYN	CACAGGCAAAGATC
		0.81640				
M00162	V\$OCT1_06	6	919	(-)	CWNAWTKWSATRYN	CAAATTTAACAATT
		0.80907			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	928	(+)	NNW	CAATTTTGAGTCAAATAAAATCT
		0.78711			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	950	(-)	NNW	TTGCTGTTTAAAAATAATTGATT
		0.80820				
M00162	V\$OCT1_06	3	961	(+)	CWNAWTKWSATRYN	AAATAATTGATTTC
		0.82148				
M00162	V\$OCT1_06	4	962	(+)	CWNAWTKWSATRYN	AATAATTGATTTCA
		0.81493			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	963	(+)	NNW	ATAATTGATTTCAAATTTGTAGA
		0.83984				
M00162	V\$OCT1_06	4	968	(-)	CWNAWTKWSATRYN	TGATTTCAAATTTG
		0.79778			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	970	(-)	NNW	ATTTCAAATTTGTAGATCTATAG
					NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.81054	971	(+)	NNW	TTCAAATTTGTAGATCTATAGA
		0.79053				
M00135	V\$OCT1_01	8	972	(-)	NNNNWTATGCAAATNTNNN	TTCAAATTTGTAGATCTAT
		0.78690			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	986	(-)	NNW	TCTATAGAGTAAAATACTATTAT
		0.85499				
M00137	V\$OCT1_03	8	999	(-)	NNNRTAATNANNN	ATACTATTATATG
		0.95039				
M00162	V\$OCT1_06	1	1006	(-)	CWNAWTKWSATRYN	TATATGTCAAAAAG
		0.81328				
M00162	V\$OCT1_06	1	1008	(-)	CWNAWTKWSATRYN	TATGTCAAAAAGTC
		0.82036			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	1015	(-)	NNW	AAAAGTCATTAGAATAACTTTAT
		0.77508				
M00135	V\$OCT1_01	6	1017	(-)	NNNNWTATGCAAATNTNNN	AAGTCATTAGAATAACTTT
		0.88028				
M00137	V\$OCT1_03	4	1017	(-)	NNNRTAATNANNN	AAGTCATTAGAAT
		0.85057				
M00161	V\$OCT1_05	3	1019	(+)	MKNATTTGCATAYY	GTCATTAGAATAAC
		0.80538				
M00248	V\$OCT1_07	5	1021	(-)	TNTATGNTAATT	CATTAGAATAAC
		0.80585				
M00162	V\$OCT1_06	9	1028	(+)	CWNAWTKWSATRYN	ATAACTTTATTTC
		0.84726				
M00162	V\$OCT1_06	6	1032	(+)	CWNAWTKWSATRYN	CTTTATTTCACTTT
		0.80859				
M00162	V\$OCT1_06	4	1040	(-)	CWNAWTKWSATRYN	CACTTTTTCAGTTCT
		0.78126			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	1065	(-)	NNW	CTGAAAAAGTTGCATTGATACGT
		0.73044				
M00135	V\$OCT1_01	6	1067	(-)	NNNNWTATGCAAATNTNNN	GGAAAAGTTGCATTGATAC

		0.82404				
M00248	V\$OCT1_07	1	1071	(-)	TNTATGNTAATT	AAGTTGCATTGA
		0.82968				
M00162	V\$OCT1_06	7	1103	(+)	CWNAWTKWSATRYN	GGGACTTATATGTG
		0.83984				
M00162	V\$OCT1_06	4	1122	(-)	CWNAWTKWSATRYN	AGTATTAGAGATTG
		0.80078				
M00162	V\$OCT1_06	1	1152	(-)	CWNAWTKWSATRYN	AGAAATCAAATCTT
		0.84218				
M00162	V\$OCT1_06	7	1153	(-)	CWNAWTKWSATRYN	GAAATCAAATCTTC
		0.85546				
M00162	V\$OCT1_06	9	1173	(+)	CWNAWTKWSATRYN	AAAAATCTCATTTG
		0.89453				
M00162	V\$OCT1_06	1	1174	(-)	CWNAWTKWSATRYN	AAAATCTCATTTGG
		0.78343				
M00136	V\$OCT1_02	3	1187	(+)	NNGAATATKCANNNN	GTGGTTATTCTGTCA
		0.80039				
M00162	V\$OCT1_06	1	1202	(+)	CWNAWTKWSATRYN	GGTTCAGTGATGTT
		0.82148				
M00162	V\$OCT1_06	4	1321	(-)	CWNAWTKWSATRYN	CACCTGCCAATTCT
		0.86825			NNNNNNNWWATGCAAATNNNW	
M00138	V\$OCT1_04	6	1400	(-)	NNW	TGTTGTTTTTGCATTTCTGATA
		0.79549				
M00135	V\$OCT1_01	8	1402	(-)	NNNNWTATGCAAATNTNNN	TTGTTTTTGCATTTCTGA
		0.87773				
M00162	V\$OCT1_06	4	1404	(+)	CWNAWTKWSATRYN	GTTTTTGCATTC
		0.89437				
M00195	V\$OCT1_Q6	8	1404	(-)	NNNNATGCAAATNAN	GTTTTTGCATTTCT
		0.80820				
M00162	V\$OCT1_06	3	1410	(-)	CWNAWTKWSATRYN	TGCATTTCTGATAT
		0.84765				
M00162	V\$OCT1_06	6	1428	(+)	CWNAWTKWSATRYN	CTCCATAAGATTTA
		0.80656			NNNNNNNWWATGCAAATNNNW	
M00138	V\$OCT1_04	6	1440	(+)	NNW	TAAGAAGAATTGTAAAAAAAATA
		0.89843				
M00162	V\$OCT1_06	7	1460	(+)	CWNAWTKWSATRYN	ATATATGGCATTTT
		0.83281				
M00162	V\$OCT1_06	2	1461	(-)	CWNAWTKWSATRYN	TATATGGCATTTTA
		0.80093				
M00248	V\$OCT1_07	3	1461	(+)	TNTATGNTAATT	TATATGGCATTT
		0.78235				
M00136	V\$OCT1_02	1462	(-)	NNGAATATKCANNNN	ATATGGCATTTTAGT	
		0.78195				
M00135	V\$OCT1_01	3	1466	(-)	NNNNWTATGCAAATNTNNN	GGCATTTTAGTATAAACAT
		0.80585				
M00162	V\$OCT1_06	9	1466	(+)	CWNAWTKWSATRYN	GGCATTTTAGTATA
		0.84692			NNNNNNNWWATGCAAATNNNW	
M00138	V\$OCT1_04	6	1470	(-)	NNW	TTTAGTATAAACATCATTATTT
		0.91821				
M00137	V\$OCT1_03	4	1481	(-)	NNNRTAATNANNN	ACATCATTATTTT
		0.82873			NNNNNNNWWATGCAAATNNNW	
M00138	V\$OCT1_04	3	1483	(-)	NNW	ATCATTATTTTTCATCACTGTAT
		0.85894				
M00137	V\$OCT1_03	9	1502	(-)	NNNRTAATNANNN	GTATCTTTATGTC
		0.82148				
M00162	V\$OCT1_06	4	1522	(+)	CWNAWTKWSATRYN	GTACCTGACATAGC
		0.78649			NNNNNNNWWATGCAAATNNNW	
M00138	V\$OCT1_04	1	1547	(+)	NNW	GAATAAGTGGATAAATTAATAAA
		0.79443			NNNNNNNWWATGCAAATNNNW	
M00138	V\$OCT1_04	7	1553	(+)	NNW	GTGGATAAATTAATAAATAATTT
		0.79694			NNNNNNNWWATGCAAATNNNW	
M00138	V\$OCT1_04	7	1557	(+)	NNW	ATAAATTAATAAATAATTTAGCT
		0.79351				
M00248	V\$OCT1_07	3	1560	(-)	TNTATGNTAATT	AATTAATAAATA
		0.81718				
M00162	V\$OCT1_06	7	1564	(-)	CWNAWTKWSATRYN	AATAAATAATTTAG

M00138	V\$OCT1_04	0.80719 4	1565	(-)	NNNNNNN	WATGCAAATNNNW	ATAAATAATTTAGCTATTTATAC
M00162	V\$OCT1_06	0.85234 4	1569	(+)	CWNAWTKWSATRYN	NNNNNNN	ATAATTTAGCTATT
M00138	V\$OCT1_04	0.78356 3	1575	(-)	NNNNNNN	WATGCAAATNNNW	TAGCTATTTATACATAGGGTCAA
M00135	V\$OCT1_01	0.73597 9	1594	(+)	NNNNWTATGCAAATNTNNN	NNN	TCAATTATGCCACTAATTT
M00162	V\$OCT1_06	0.83437 5	1613	(-)	CWNAWTKWSATRYN	NNNNNNN	GGTATGCCCAAATG
M00138	V\$OCT1_04	0.80593 9	1637	(+)	NNNNNNN	WATGCAAATNNNW	ATTTAGAAATTAAGATTTTACAT
M00135	V\$OCT1_01	0.73178 2	1640	(-)	NNNNWTATGCAAATNTNNN	NNN	TAGAAATTAAGATTTTACA
M00162	V\$OCT1_06	0.86054 7	1642	(+)	CWNAWTKWSATRYN	NNN	GAAATTAAGATTTT
M00162	V\$OCT1_06	0.81367 2	1642	(-)	CWNAWTKWSATRYN	NNN	GAAATTAAGATTTT
M00248	V\$OCT1_07	0.81810 5	1644	(-)	TNTATGNTAATT	NNNNNNN	AATTAAGATTTT
M00138	V\$OCT1_04	0.82852 4	1645	(-)	NNNNNNN	WATGCAAATNNNW	ATTAAGATTTTACATTTCCTTCT
M00135	V\$OCT1_01	0.73998 5	1647	(-)	NNNNWTATGCAAATNTNNN	NNN	TAAGATTTTACATTTCCTT
M00162	V\$OCT1_06	0.88554 7	1649	(+)	CWNAWTKWSATRYN	NNN	AGATTTTACATTTC
M00195	V\$OCT1_Q6	0.82068 8	1649	(-)	NNNNATGCAAATNAN	NNN	AGATTTTACATTTC
M00162	V\$OCT1_06	0.81367 2	1650	(-)	CWNAWTKWSATRYN	NNN	GATTTTACATTTC
M00162	V\$OCT1_06	0.85 0.75104	1655	(-)	CWNAWTKWSATRYN	NNN	TACATTTCCTTCTC
M00135	V\$OCT1_01	0.88554 9	1668	(-)	NNNNWTATGCAAATNTNNN	NNN	CCAGGTTTACATTTTGTT
M00162	V\$OCT1_06	0.82123 7	1670	(+)	CWNAWTKWSATRYN	NNN	AGGTTTTACATTTT
M00195	V\$OCT1_Q6	0.86054 4	1670	(-)	NNNNATGCAAATNAN	NNN	AGGTTTTACATTTTG
M00162	V\$OCT1_06	0.79025 7	1671	(-)	CWNAWTKWSATRYN	NNNNNNN	GGTTTTACATTTTG
M00138	V\$OCT1_04	0.77069 5	1679	(+)	NNNNNNN	WATGCAAATNNNW	ATTTTGTGTGTTAATTTCTTCT
M00135	V\$OCT1_01	0.85732 8	1681	(+)	NNNNWTATGCAAATNTNNN	NNN	TTTGTGTGTTAATTTCTT
M00248	V\$OCT1_07	0.84788 5	1684	(+)	TNTATGNTAATT	NNN	GTTGTGTTAATT
M00137	V\$OCT1_03	0.78157 6	1700	(+)	NNNR	TAAATNANNN	CTTGTAAGAAGACT
M00135	V\$OCT1_01	0.78289 2	1713	(+)	NNNNWTATGCAAATNTNNN	NNN	CATCGTATTCAAATCCATG
M00136	V\$OCT1_02	0.81406 1	1713	(+)	NNGAATATKCANNNN	NNN	CATCGTATTCAAATC
M00162	V\$OCT1_06	0.80039 2	1716	(-)	CWNAWTKWSATRYN	NNN	CGTATTCAAATCCA
M00162	V\$OCT1_06	0.77504 1	1725	(+)	CWNAWTKWSATRYN	NNN	ATCCATGTGTTTCT
M00136	V\$OCT1_02	0.8629 1	1738	(-)	NNGAATATKCANNNN	NNN	TCAATGAATCTACTT
M00137	V\$OCT1_03	0.79860 8	1760	(-)	NNNR	TAAATNANNN	TCTTCATTGCCCT
M00248	V\$OCT1_07	0.85420 1	1770	(+)	TNTATGNTAATT	NNN	CCTTTTCTAATT
M00137	V\$OCT1_03	0.92137 8	1773	(+)	NNNR	TAAATNANNN	TTTCTAATTATCT
M00137	V\$OCT1_03	5	1774	(-)	NNNR	TAAATNANNN	TTCTAATTATCTG

M00138	V\$OCT1_04	0.81618 6	1775	(-)	NNNNNNNWATGCAAATNNNW NNW	TCTAATTATCTGAAGATAATTTA
M00162	V\$OCT1_06	0.9375 0.85696	1789	(+)	CWNAWTKWSATRYN NNNNNNNWATGCAAATNNNW	GATAATTTAATACA
M00138	V\$OCT1_04	4 0.80859	1790	(+)	NNW	ATAATTTAATACATAATTAATGA
M00162	V\$OCT1_06	4 0.86803	1790	(-)	CWNAWTKWSATRYN	ATAATTTAATACAT
M00137	V\$OCT1_03	6 0.84788	1799	(+)	NNNRTAATNANNN	TACATAATTAATG
M00137	V\$OCT1_03	6 0.87870	1800	(-)	NNNRTAATNANNN	ACATAATTAATGA
M00137	V\$OCT1_03	4 0.89648	1803	(+)	NNNRTAATNANNN	TAATTAATGAGGA
M00137	V\$OCT1_03	4 0.84726	1819	(-)	NNNRTAATNANNN	GTGTGATTATAAG
M00162	V\$OCT1_06	6 0.84986	1847	(+)	CWNAWTKWSATRYN	ATTAATTAGCTTCT
M00137	V\$OCT1_03	2 0.81601	1878	(+)	NNNRTAATNANNN	AAAGTAAACATGA
M00162	V\$OCT1_06	6 0.86289	1883	(+)	CWNAWTKWSATRYN	AAACATGAAGTTCT
M00162	V\$OCT1_06	1 0.89134	1884	(-)	CWNAWTKWSATRYN	AACATGAAGTTCTT
M00137	V\$OCT1_03	7 0.86289	1897	(-)	NNNRTAATNANNN	TCATCTTTACCTG
M00162	V\$OCT1_06	1 0.81113	1898	(+)	CWNAWTKWSATRYN	CATCTTTACCTGCC
M00195	V\$OCT1_Q6	5 0.73616	1923	(+)	NNNNATGCAAATNAN	GCCCTTGCAAAGAAT
M00135	V\$OCT1_01	9 0.87617	1930	(+)	NNNNWTATGCAAATNTNNN	CAAAGAATGTAAGTATAAT
M00162	V\$OCT1_06	2 0.91465	1933	(-)	CWNAWTKWSATRYN	AGAATGTAAGTATA
M00137	V\$OCT1_03	8	1941	(+)	NNNRTAATNANNN	AGTATAATAAGAT
M00162	V\$OCT1_06	0.825 0.73006	1943	(+)	CWNAWTKWSATRYN	TATAATAAGATACA
M00135	V\$OCT1_01	5 0.88812	1953	(-)	NNNNWTATGCAAATNTNNN NNNNNNNWATGCAAATNNNW	TACAGATGAGAATATATTA
M00138	V\$OCT1_04	2 0.87275	1963	(+)	NNW	AATATATTATGTAAATATAAGAA
M00135	V\$OCT1_01	8 0.83945	1965	(+)	NNNNWTATGCAAATNTNNN	TATATTATGTAAATATAAG
M00162	V\$OCT1_06	3	1968	(+)	CWNAWTKWSATRYN	ATTATGTAAATATA
M00162	V\$OCT1_06	0.825 0.84714	1968	(-)	CWNAWTKWSATRYN	ATTATGTAAATATA
M00248	V\$OCT1_07	9 0.78042	1968	(+)	TNTATGNTAATT NNNNNNNWATGCAAATNNNW	ATTATGTAAATA
M00138	V\$OCT1_04	7 0.85144	1969	(+)	NNW	TTATGTAAATATAAGAATATTAA
M00137	V\$OCT1_03	2 0.85738	1970	(+)	NNNRTAATNANNN NNNNNNNWATGCAAATNNNW	TATGTAAATATAA
M00138	V\$OCT1_04	2 0.75028	1972	(-)	NNW	TGTAAATATAAGAATATTAAATT
M00135	V\$OCT1_01	6 0.79548	1974	(-)	NNNNWTATGCAAATNTNNN NNNNNNNWATGCAAATNNNW	TAAATATAAGAATATTAAA
M00138	V\$OCT1_04	3	1977	(+)	NNW	ATATAAGAATATTAAATTGTTA
M00136	V\$OCT1_02	0.86248 0.83865	1978	(-)	NNGAATATKCANNNN	TATAAGAATATTAAA
M00136	V\$OCT1_02	7 0.82929	1981	(+)	NNGAATATKCANNNN	AAGAATATTAAATTG
M00162	V\$OCT1_06	7	1983	(+)	CWNAWTKWSATRYN	GAATATTAAATTGT

M00162	V\$OCT1_06	0.92460 9	1984	(-)	CWNAWTKWSATRYN	AATATTAAATTGTT
M00137	V\$OCT1_03	0.85341 8	1991	(-)	NNNRTAATNANNN	AATTGTTTATAAG
M00137	V\$OCT1_03	0.85223 2	1996	(+)	NNNRTAATNANNN	TTTATAAGGATAA
M00137	V\$OCT1_03	0.84354 0.86645	2002	(+)	NNNRTAATNANNN	AGGATAATGTCAG
M00137	V\$OCT1_03	0.80585 6	2059	(+)	NNNRTAATNANNN	CCTATAATCAAAG
M00162	V\$OCT1_06	0.79530 9	2061	(-)	CWNAWTKWSATRYN	TATAATCAAAGACG
M00135	V\$OCT1_01	0.84765 7	2085	(+)	NNNNWTATGCAAATNTNNN	TGCCTTATGTAAGTTATGA
M00162	V\$OCT1_06	0.82170 6	2088	(-)	CWNAWTKWSATRYN	CTTATGTAAGTTAT
M00248	V\$OCT1_07	0.79903 9	2088	(+)	TNTATGNTAATT	CTTATGTAAGTT
M00138	V\$OCT1_04	0.80585 8	2154	(+)	NNNNNNNWATGCAAATNNNW NNW	GAGTTTTAGTTCAAAGTTAAAAA
M00162	V\$OCT1_06	0.84218 9	2166	(-)	CWNAWTKWSATRYN	AAAGTTAAAAAACG
M00162	V\$OCT1_06	0.81131 7	2174	(+)	CWNAWTKWSATRYN	AAAACGTACATTTT
M00136	V\$OCT1_02	0.87277 6	2176	(-)	NNGAATATKCANNNN	AACGTACATTTTCTT
M00137	V\$OCT1_03	0.78523 8	2190	(+)	NNNRTAATNANNN	TCCGTAAACATTT
M00138	V\$OCT1_04	0.76726 6	2192	(-)	NNNNNNNWATGCAAATNNNW NNW	CGTAAACATTTGAATTTATTGGG
M00135	V\$OCT1_01	0.82109 4	2194	(-)	NNNNWTATGCAAATNTNNN	TAAACATTTGAATTTATTG
M00162	V\$OCT1_06	0.89101 4	2195	(+)	CWNAWTKWSATRYN	AAACATTTGAATTT
M00162	V\$OCT1_06	0.81210 6	2196	(+)	CWNAWTKWSATRYN	AACATTTGAATTTA
M00162	V\$OCT1_06	0.79284 9	2196	(-)	CWNAWTKWSATRYN	AACATTTGAATTTA
M00195	V\$OCT1_Q6	0.78732 9	2196	(-)	NNNNATGCAAATNAN	AACATTTGAATTTAT
M00138	V\$OCT1_04	0.83437 7	2204	(+)	NNNNNNNWATGCAAATNNNW NNW	AATTTATTGGGGAAATATTTTCA
M00162	V\$OCT1_06	0.80820 5	2217	(+)	CWNAWTKWSATRYN	AATATTTTCACTCC
M00162	V\$OCT1_06	0.84235 3	2244	(-)	CWNAWTKWSATRYN	TAAAAGTAAGAAAC
M00137	V\$OCT1_03	0.83945 5	2263	(+)	NNNRTAATNANNN	ACCATAACAAGGA
M00162	V\$OCT1_06	0.78586 3	2276	(+)	CWNAWTKWSATRYN	CTTCTTTTAAAGTT
M00138	V\$OCT1_04	0.78316 4	2301	(+)	NNNNNNNWATGCAAATNNNW NNW	CAGAGAAAATGTAGATTCCCCAA
M00136	V\$OCT1_02	0.83351 2	2303	(+)	NNGAATATKCANNNN	GAGAAAATGTAGATT
M00195	V\$OCT1_Q6	0.83437 5	2305	(+)	NNNNATGCAAATNAN	GAAAATGTAGATTCC
M00162	V\$OCT1_06	0.83437 5	2306	(+)	CWNAWTKWSATRYN	AAAATGTAGATTCC
M00162	V\$OCT1_06	0.79308 5	2306	(-)	CWNAWTKWSATRYN	AAAATGTAGATTCC
M00248	V\$OCT1_07	0.78045 9	2306	(+)	TNTATGNTAATT	AAAATGTAGATT
M00136	V\$OCT1_02	5	2331	(+)	NNGAATATKCANNNN	AAGCATATGTCAGAA
M00162	V\$OCT1_06	0.90625	2334	(-)	CWNAWTKWSATRYN	CATATGTCAGAATT

		0.82539				
M00162	V\$OCT1_06	1	2341	(+)	CWNAWTKWSATRYN	CAGAATTCATCAT
M00162	V\$OCT1_06	0.85	2342	(-)	CWNAWTKWSATRYN	AGAATTCATCATT
		0.82148				
M00162	V\$OCT1_06	4	2352	(+)	CWNAWTKWSATRYN	CATTCTTGACTGCA
		0.86551				
M00161	V\$OCT1_05	6	2383	(+)	MKNATTGTCATAYY	ATCCTTTGCAAATG
		0.79830				
M00195	V\$OCT1_Q6	8	2384	(+)	NNNNATGCAAATNAN	TCCTTTGCAAATGAT
		0.82539				
M00136	V\$OCT1_02	3	2399	(-)	NNGAATATKCANNNN	GTGTTGAATAGTGCT
		0.82929				
M00162	V\$OCT1_06	7	2459	(-)	CWNAWTKWSATRYN	CACCTGCAATGCAG
		0.84765				
M00162	V\$OCT1_06	6	2501	(-)	CWNAWTKWSATRYN	AAGATCCCATGGAG
		0.85354				
M00223	V\$STAT_01	2	75	(-)	TTCCCRKAA	TTTTAGGAA
		0.81673				
M00223	V\$STAT_01	8	156	(-)	TTCCCRKAA	TTCAAAAAA
		0.80968				
M00223	V\$STAT_01	261	(+)	TTCCCRKAA	TTCTTAAAA	
		0.72089				
M00224	V\$STAT1_01	6	331	(-)	NNNSANTCCGGAANTGNSN	TCTTATTTAAGGAAGAGCTA
		0.75135				
M00224	V\$STAT1_01	8	642	(+)	NNNSANTCCGGAANTGNSN	GTAAAATTGAGGTAAGTGGCT
		0.84976				
M00223	V\$STAT_01	1	775	(+)	TTCCCRKAA	ATCCTGTAA
		0.81774				
M00223	V\$STAT_01	6	781	(-)	TTCCCRKAA	TAAGAGGAA
		0.84471				
M00223	V\$STAT_01	9	1023	(-)	TTCCCRKAA	TTAGAATAA
		0.79581				
M00223	V\$STAT_01	5	1147	(+)	TTCCCRKAA	ATCTTAGAA
		0.84446				
M00223	V\$STAT_01	7	1334	(+)	TTCCCRKAA	TTCCCCTTA
		0.79253				
M00223	V\$STAT_01	8	1472	(+)	TTCCCRKAA	TTAGTATAA
		0.92235				
M00223	V\$STAT_01	9	1698	(+)	TTCCCRKAA	TTCTTGTA
		0.83362				
M00223	V\$STAT_01	7	1698	(-)	TTCCCRKAA	TTCTTGTA
		0.80968				
M00223	V\$STAT_01	1780	(+)	TTCCCRKAA	TTATCTGAA	
		0.82656				
M00223	V\$STAT_01	9	1780	(-)	TTCCCRKAA	TTATCTGAA
		0.81295				
M00223	V\$STAT_01	7	2227	(-)	TTCCCRKAA	CTCCAAGAA
		0.80968				
M00223	V\$STAT_01	2240	(+)	TTCCCRKAA	TTCTTAAAA	
		0.81976				
M00223	V\$STAT_01	3	2277	(+)	TTCCCRKAA	TTCTTTTAA
		0.75679				
M00224	V\$STAT1_01	2	2549	(+)	NNNSANTCCGGAANTGNSN	GGAGAATTCCTTGAACAGAAG
		0.87068				
M00223	V\$STAT_01	3	2555	(+)	TTCCCRKAA	TTCTTGAA
		0.80602				
M00059	V\$YY1_01	9	67	(+)	NNNNNCCATNTWNNNWN	TGTCTTCCTTTTAGGAA
		0.82929				
M00059	V\$YY1_01	2	93	(+)	NNNNNCCATNTWNNNWN	TATTTTCATTATCTTT
		0.78243				
M00059	V\$YY1_01	8	145	(+)	NNNNNCCATNTWNNNWN	TAATAGCATTGTTCCAA
		0.79456				
M00059	V\$YY1_01	1	532	(-)	NNNNNCCATNTWNNNWN	CTATTTCTATGGTCTC
		0.85616				
M00059	V\$YY1_01	542	(+)	NNNNNCCATNTWNNNWN	GGTTCTCATTTATCAAC	
		0.77293				
M00059	V\$YY1_01	563	(+)	NNNNNCCATNTWNNNWN	TATAAGCATTTCTTTAA	

		6				
		0.81225				
M00059	V\$YY1_01	4	593	(+)	NNNNNCCATNTWNNNWN	TTTGTCCATGTTCCAGT
		0.77260				
M00059	V\$YY1_01	8	613	(-)	NNNNNCCATNTWNNNWN	TTTCATCCATGGAAAAAT
		0.78276				
M00059	V\$YY1_01	5	662	(-)	NNNNNCCATNTWNNNWN	TATATATAATGAACTTA
		0.79095				
M00059	V\$YY1_01	7	731	(+)	NNNNNCCATNTWNNNWN	CATTGTCATTATGAAAT
		0.77326				
M00059	V\$YY1_01	3	733	(-)	NNNNNCCATNTWNNNWN	TTGTCATTATGAAATGC
		0.79423				
M00059	V\$YY1_01	3	738	(-)	NNNNNCCATNTWNNNWN	ATTATGAAATGCTTATA
		0.79259				
M00059	V\$YY1_01	5	792	(-)	NNNNNCCATNTWNNNWN	AAGAATATCTGGGATTC
		0.79357				
M00059	V\$YY1_01	8	869	(+)	NNNNNCCATNTWNNNWN	AATTCCCATGCATACAC
		0.79390				
M00059	V\$YY1_01	6	1353	(+)	NNNNNCCATNTWNNNWN	AGGCTCCAGGTTTTGGC
		0.77883				
M00059	V\$YY1_01	4	1373	(-)	NNNNNCCATNTWNNNWN	CCTGAAATCTGATTTTA
		0.80406				
M00059	V\$YY1_01	3	1414	(-)	NNNNNCCATNTWNNNWN	TTTCTGATATGATTCTC
		0.83650				
M00059	V\$YY1_01	1	1456	(-)	NNNNNCCATNTWNNNWN	AAAAATATATGGCATTT
		0.78702				
M00059	V\$YY1_01	5	1479	(+)	NNNNNCCATNTWNNNWN	AAACATCATTATTTTTC
		0.78833				
M00059	V\$YY1_01	6	1616	(-)	NNNNNCCATNTWNNNWN	ATGCCCAAATGAGCCTC
		0.80865				
M00059	V\$YY1_01	1733	(-)	NNNNNCCATNTWNNNWN	GTTTCTCAATGAATCTA	
		0.75812				
M00069	V\$YY1_02	2	1755	(-)	NNNCGGCCATCTTGNCTSNW	ATCAGTCTTCATTGCCCTTT
		0.82208				
M00059	V\$YY1_01	4	1764	(+)	NNNNNCCATNTWNNNWN	CATTGCCCTTTTCTAAT
		0.78374				
M00059	V\$YY1_01	8	1776	(-)	NNNNNCCATNTWNNNWN	CTAATTATCTGAAGATA
		0.77850				
M00059	V\$YY1_01	6	1834	(-)	NNNNNCCATNTWNNNWN	GAGTAAACTGTTATTA
		0.86959				
M00059	V\$YY1_01	4	1879	(-)	NNNNNCCATNTWNNNWN	AAGTAAACATGAAGTTC
		0.78243				
M00059	V\$YY1_01	8	1892	(+)	NNNNNCCATNTWNNNWN	GTTCTTCATCTTTACCT
		0.78150				
M00069	V\$YY1_02	7	2062	(-)	NNNCGGCCATCTTGNCTSNW	ATAATCAAAGACGGCCTTGG
		0.81651				
M00059	V\$YY1_01	4	2098	(-)	NNNNNCCATNTWNNNWN	TTATGAAGATGGACAAA
		0.82110				
M00059	V\$YY1_01	1	2250	(-)	NNNNNCCATNTWNNNWN	TAAGAAACATGGAACCA
		0.83617				
M00059	V\$YY1_01	3	2301	(-)	NNNNNCCATNTWNNNWN	CAGAGAAAATGTAGATT
		0.82241				
M00059	V\$YY1_01	2	2386	(-)	NNNNNCCATNTWNNNWN	CTTTGCAAATGATGTGT
		0.77293				
M00059	V\$YY1_01	6	2480	(+)	NNNNNCCATNTWNNNWN	CAGCTCCATCCCTGGGT
		0.78309				
M00059	V\$YY1_01	3	2513	(-)	NNNNNCCATNTWNNNWN	AGAAGGAAATGGCAACC
CSN2 Bos Tarus						
		0.81304				
M00216	V\$TATA_C	5	2	(+)	NCTATAAAAR	CCCTTTAAAA
		0.94507				
M00216	V\$TATA_C	5	3	(+)	NCTATAAAAR	CCTTTAAAAAT
		0.84648				
M00252	V\$TATA_01	6	4	(+)	STATAAAWRNNNNNNN	CTTTAAAAATGCTCCC
		0.81462				
M00216	V\$TATA_C	110	(+)	NCTATAAAAR	ACCACAAAAT	

		9				
		0.80987				
M00216	V\$TATA_C	6	126	(+)	NCTATAAAAR	GCCATTAAAT
		0.75996				
M00216	V\$TATA_C	8	127	(+)	NCTATAAAAR	CCATTAAATA
		0.77163				
M00252	V\$TATA_01	2	127	(+)	STATAAAWRNNNNNN	CCATTAAATACTATA
		0.79508				
M00216	V\$TATA_C	8	136	(+)	NCTATAAAAR	ACTATATATA
		0.90230				
M00252	V\$TATA_01	9	137	(+)	STATAAAWRNNNNNN	CTATATATAACAAC
		0.80934				
M00216	V\$TATA_C	8	138	(+)	NCTATAAAAR	TATATATAAA
		0.89571				
M00252	V\$TATA_01	2	139	(+)	STATAAAWRNNNNNN	ATATATAACAACCA
		0.75178				
M00216	V\$TATA_C	2	140	(+)	NCTATAAAAR	TATATAAACA
		0.83100				
M00252	V\$TATA_01	7	141	(+)	STATAAAWRNNNNNN	ATATAACAACCACA
		0.81462				
M00216	V\$TATA_C	9	150	(+)	NCTATAAAAR	ACCACAAAAT
		0.77772				
M00252	V\$TATA_01	1	151	(+)	STATAAAWRNNNNNN	CCACAAAATCAGATC
		0.79033				
M00216	V\$TATA_C	5	272	(+)	NCTATAAAAR	AGGTTAAAT
		0.88354				
M00216	V\$TATA_C	9	298	(+)	NCTATAAAAR	TGCTTAAAT
		0.85555				
M00216	V\$TATA_C	8	310	(+)	NCTATAAAAR	ATCTTAAAAA
		0.82360				
M00216	V\$TATA_C	7	311	(+)	NCTATAAAAR	TCTTAAAAAT
		0.79091				
M00252	V\$TATA_01	6	313	(+)	STATAAAWRNNNNNN	TTAAAAATAAGGATG
		0.78901				
M00216	V\$TATA_C	5	326	(+)	NCTATAAAAR	TGTTTAAGAT
		0.75917				
M00216	V\$TATA_C	6	361	(+)	NCTATAAAAR	TTGTTAAAT
		0.85951				
M00216	V\$TATA_C	9	378	(+)	NCTATAAAAR	ACTATAAAGA
		0.83202				
M00252	V\$TATA_01	2	379	(+)	STATAAAWRNNNNNN	CTATAAAGATTTGTA
		0.83205				
M00216	V\$TATA_C	7	437	(+)	NCTATAAAAR	TGTATTAAAA
		0.80908				
M00216	V\$TATA_C	4	438	(+)	NCTATAAAAR	GTATTTAAAG
M00252	V\$TATA_01	0.86171	438	(+)	STATAAAWRNNNNNN	GTATTTAAAGATCTT
		0.83865				
M00216	V\$TATA_C	9	494	(+)	NCTATAAAAR	GCCATAAAGG
		0.84039				
M00252	V\$TATA_01	6	495	(+)	STATAAAWRNNNNNN	CCATAAAGGCAAGCA
		0.78558				
M00216	V\$TATA_C	2	561	(+)	NCTATAAAAR	CCAACAAAAA
M00252	V\$TATA_01	0.85968	571	(+)	STATAAAWRNNNNNN	GTTTATAGAGCTAGC
		0.77670				
M00252	V\$TATA_01	6	584	(+)	STATAAAWRNNNNNN	GCATATTTAGTCAAG
		0.82136				
M00252	V\$TATA_01	5	599	(+)	STATAAAWRNNNNNN	AGATAAAGAGGGTTG
		0.82136				
M00252	V\$TATA_01	5	639	(+)	STATAAAWRNNNNNN	GTATTTATAAAGAA
		0.78373				
M00216	V\$TATA_C	4	640	(+)	NCTATAAAAR	TATTTATAAA
		0.84876				
M00252	V\$TATA_01	9	641	(+)	STATAAAWRNNNNNN	ATTTATAAAGAAGA

		0.92711				
M00216	V\$TATA_C	9	642	(+)	NCTATAAAAR	TTTATAAAAG
		0.90433				
M00252	V\$TATA_01	9	643	(+)	STATAAAWRNNNNNN	TTATAAAAGAAGAGT
		0.77772				
M00252	V\$TATA_01	1	656	(+)	STATAAAWRNNNNNN	GTATATTATTAAAA
		0.77772				
M00252	V\$TATA_01	1	658	(+)	STATAAAWRNNNNNN	ATATTTATTAAAAAT
		0.79376				
M00216	V\$TATA_C	8	661	(+)	NCTATAAAAR	TTTATTAAAA
		0.79218				
M00216	V\$TATA_C	4	662	(+)	NCTATAAAAR	TTATTAATAAT
		0.79878				
M00252	V\$TATA_01	2	662	(+)	STATAAAWRNNNNNN	TTATTAATAATTGCTC
		0.76102				
M00216	V\$TATA_C	5	716	(+)	NCTATAAAAR	ATTTCAAAAA
		0.74465				
M00216	V\$TATA_C	3	724	(+)	NCTATAAAAR	AATATTAAAA
		0.78505				
M00216	V\$TATA_C	4	725	(+)	NCTATAAAAR	ATATTAATAAT
		0.84673				
M00252	V\$TATA_01	9	725	(+)	STATAAAWRNNNNNN	ATATTAATAATAGATA
		0.78025				
M00252	V\$TATA_01	9	756	(+)	STATAAAWRNNNNNN	AAATTAAGAGAAAAG
		0.80195				
M00216	V\$TATA_C	4	779	(+)	NCTATAAAAR	TTTGTAATAAA
		0.83205				
M00216	V\$TATA_C	7	781	(+)	NCTATAAAAR	TGTAATAAAAA
M00252	V\$TATA_01	0.7729	782	(+)	STATAAAWRNNNNNN	GTAAAAAAAAATTCT
		0.77898				
M00216	V\$TATA_C	1	828	(+)	NCTATAAAAR	ACAATGAAAA
		0.88909				
M00216	V\$TATA_C	4	889	(+)	NCTATAAAAR	GGCTTAATAAA
		0.81172				
M00216	V\$TATA_C	4	890	(+)	NCTATAAAAR	GCTTAATAAAT
		0.79446				
M00252	V\$TATA_01	8	890	(+)	STATAAAWRNNNNNN	GCTTAATAAATTGGCA
		0.85027				
M00216	V\$TATA_C	7	901	(+)	NCTATAAAAR	GGCATATAAA
M00252	V\$TATA_01	0.8305	902	(+)	STATAAAWRNNNNNN	GCATATAAATGCTA
		0.85582				
M00216	V\$TATA_C	3	903	(+)	NCTATAAAAR	CATATAAAT
		0.88353				
M00252	V\$TATA_01	2	904	(+)	STATAAAWRNNNNNN	ATATAAATGCTAAT
		0.89120				
M00216	V\$TATA_C	7	917	(+)	NCTATAAAAR	ATTATAAAT
		0.82263				
M00252	V\$TATA_01	4	918	(+)	STATAAAWRNNNNNN	TTATAAATAAACAA
		0.77898				
M00216	V\$TATA_C	1	997	(+)	NCTATAAAAR	ACAATGAAAA
		0.78431				
M00252	V\$TATA_01	9	1033	(+)	STATAAAWRNNNNNN	GGATAAAGTAAACA
		0.74650				
M00216	V\$TATA_C	1	1074	(+)	NCTATAAAAR	AATATAGAAA
		0.75178				
M00216	V\$TATA_C	2	1076	(+)	NCTATAAAAR	TATAGAAAAA
		0.74914				
M00216	V\$TATA_C	2	1167	(+)	NCTATAAAAR	AACTTATAAA
		0.91523				
M00216	V\$TATA_C	6	1169	(+)	NCTATAAAAR	CTTATAAAAA
		0.90002				
M00252	V\$TATA_01	5	1170	(+)	STATAAAWRNNNNNN	TTATAAATGCAAC
		0.77112				
M00252	V\$TATA_01	4	1172	(+)	STATAAAWRNNNNNN	ATAAATGCAACAA

		0.74782				
M00216	V\$TATA_C	1	1180	(+)	NCTATAAAAR	GCAACAAAAC
		0.75019				
M00216	V\$TATA_C	8	1192	(+)	NCTATAAAAR	ACCATTTAAT
		0.79599				
M00252	V\$TATA_01	1	1306	(+)	STATAAAWRNNNNNN	AGATAAGTACACAGT
		0.85740				
M00216	V\$TATA_C	7	1352	(+)	NCTATAAAAR	TCTCTAAAAT
		0.75917				
M00216	V\$TATA_C	6	1437	(+)	NCTATAAAAR	CCAAGAAAAC
		0.79271				
M00216	V\$TATA_C	2	1503	(+)	NCTATAAAAR	GAAATAAAAG
		0.78051				
M00252	V\$TATA_01	3	1504	(+)	STATAAAWRNNNNNN	AAATAAAAAGATATGA
		0.76630				
M00216	V\$TATA_C	6	1531	(+)	NCTATAAAAR	TTCATGAAAA
		0.74306				
M00216	V\$TATA_C	8	1532	(+)	NCTATAAAAR	TCATGAAAAT
		0.75310				
M00216	V\$TATA_C	3	1561	(+)	NCTATAAAAR	AAGATAAAAA
		0.83836				
M00252	V\$TATA_01	6	1562	(+)	STATAAAWRNNNNNN	AGATAAAAATAAAGT
		0.88170				
M00216	V\$TATA_C	1	1618	(+)	NCTATAAAAR	TCAATAAAAC
		0.81172				
M00252	V\$TATA_01	3	1619	(+)	STATAAAWRNNNNNN	CAATAAAACTGAGTC
		0.81647				
M00216	V\$TATA_C	7	1649	(+)	NCTATAAAAR	ACTTTAATAT
		0.89622				
M00216	V\$TATA_C	4	1699	(+)	NCTATAAAAR	GCAATAAAAA
		0.81349				
M00252	V\$TATA_01	9	1700	(+)	STATAAAWRNNNNNN	CAATAAAAATTAATA
		0.78279				
M00252	V\$TATA_01	6	1710	(+)	STATAAAWRNNNNNN	TAATAAATAAATATT
		0.76815				
M00216	V\$TATA_C	4	1723	(+)	NCTATAAAAR	TTTTTAATAA
		0.81278				
M00216	V\$TATA_C	1	1786	(+)	NCTATAAAAR	TCCAAAAAAC
		0.77518				
M00252	V\$TATA_01	4	1811	(+)	STATAAAWRNNNNNN	GAATAAGATGAAAAG
		0.74544				
M00216	V\$TATA_C	5	1849	(+)	NCTATAAAAR	AGCTGAAAAC
		0.77766				
M00216	V\$TATA_C		1935	(+)	NCTATAAAAR	ATGATAAAAT
		0.74465				
M00216	V\$TATA_C	3	1946	(+)	NCTATAAAAR	TCTATTAATA
		0.79015				
M00252	V\$TATA_01	5	1947	(+)	STATAAAWRNNNNNN	CTATTAATATTTTC
		0.78452				
M00216	V\$TATA_C	6	1958	(+)	NCTATAAAAR	TTTCTAAAAT
		0.85239				
M00216	V\$TATA_C		2089	(+)	NCTATAAAAR	TCTTTTAAAG
		0.77898				
M00216	V\$TATA_C	1	2090	(+)	NCTATAAAAR	CTTTTAAAGG
		0.84572				
M00252	V\$TATA_01	4	2090	(+)	STATAAAWRNNNNNN	CTTTTAAAGGGAAGT
		0.79396				
M00252	V\$TATA_01	1	2091	(+)	STATAAAWRNNNNNN	TTTTAAAGGGAAGTA
		0.78152				
M00252	V\$TATA_01	8	2111	(+)	STATAAAWRNNNNNN	ACTTAAATAAGAAAA
		0.74016				
M00216	V\$TATA_C	4	2112	(+)	NCTATAAAAR	CTTAAATAAG
		0.80436				
M00252	V\$TATA_01	4	2255	(+)	STATAAAWRNNNNNN	AAATAAATAAGACTA
		0.78381				
M00252	V\$TATA_01	1	2257	(+)	STATAAAWRNNNNNN	ATAAATAAGACTAGT

M00216	V\$TATA_C	0.81462 9	2286	(+)	NCTATAAAAR	TGTAGAAAAT
M00252	V\$TATA_01	0.81349 9	2287	(+)	STATAAAWRNNNNNN	GTAGAAAATCGCATT
M00216	V\$TATA_C	0.83205 7	2316	(+)	NCTATAAAAR	TGTATAAATA
M00252	V\$TATA_01	0.88708 4	2317	(+)	STATAAAWRNNNNNN	GTATAAATAATGCAC
M00216	V\$TATA_C	0.74412 5	2353	(+)	NCTATAAAAR	GCTAAGAAAG
M00216	V\$TATA_C	0.74597 3	2459	(+)	NCTATAAAAR	CCTAAAGAAA
M00223	V\$STAT_01	0.86639 8	15	(+)	TTCCCRKAA	TCCCCAGAA
M00223	V\$STAT_01	0.80489 0.74806	15	(-)	TTCCCRKAA	TCCCCAGAA GCAGATTCTAG- GAATTCAAA
M00224	V\$STAT1_01	0.78033 5	67	(+)	NNNSANTCCGGGAANTGNSN	GCAGATTCTAG- GAATTCAAA
M00224	V\$STAT1_01	0.76509 9	67	(-)	NNNSANTCCGGGAANTGNSN	GCAGATTCTAG- GAATTCAAA
M00225	V\$STAT3_01	0.78725 8	67	(+)	NGNNATTCCSGGAARTGNNN	GCAGATTCTAG- GAATTCAAA
M00225	V\$STAT3_01	0.85076 6	67	(-)	NGNNATTCCSGGAARTGNNN	GCAGATTCTAG- GAATTCAAA
M00223	V\$STAT_01	0.95613 9	73	(+)	TTCCCRKAA	TTCTAGGAA
M00223	V\$STAT_01	0.80262 8	73	(-)	TTCCCRKAA	TTCTAGGAA
M00223	V\$STAT_01	0.80589 2	329	(-)	TTCCCRKAA	TTAAGATAA
M00223	V\$STAT_01	0.85934 9	341	(-)	TTCCCRKAA	TTACAGTAT
M00223	V\$STAT_01	0.82253 6	523	(-)	TTCCCRKAA	CTATGGGAA
M00223	V\$STAT_01	0.84068 6	672	(+)	TTCCCRKAA	TGCTCAGAA
M00223	V\$STAT_01	0.72773 6	672	(-)	TTCCCRKAA	TGCTCAGAA AGGGAGTACCAG- GAAACAAA
M00225	V\$STAT3_01	0.73540 4	806	(+)	NGNNATTCCSGGAARTGNNN	AGGGAGTACCAG- GAAACAAA
M00225	V\$STAT3_01	0.85858 9	806	(-)	NGNNATTCCSGGAARTGNNN	AGGGAGTACCAG- GAAACAAA
M00223	V\$STAT_01	0.79178 3	812	(-)	TTCCCRKAA	TACCAGGAA
M00223	V\$STAT_01	0.80136 2	846	(-)	TTCCCRKAA	TGACAGAAA
M00223	V\$STAT_01	0.82682 1	1139	(-)	TTCCCRKAA	TGATGGCAA
M00223	V\$STAT_01	0.79253 1	1160	(-)	TTCCCRKAA	TTTCAAGAA
M00223	V\$STAT_01	0.81295 8	1170	(-)	TTCCCRKAA	TTATAAAAA
M00223	V\$STAT_01	0.86639 7	1435	(-)	TTCCCRKAA	GTCCAAGAA GAAGTCTTACTGGAAA- TAAAA
M00224	V\$STAT1_01	0.77507 1491	1491	(+)	NNNSANTCCGGGAANTGNSN	GAAGTCTTACTGGAAA- TAAAA
M00225	V\$STAT3_01	0.77147 1491	1491	(-)	NGNNATTCCSGGAARTGNNN	GAAGTCTTACTGGAAA- TAAAA
M00223	V\$STAT_01	0.92941 8	1497	(+)	TTCCCRKAA	TTACTGGAA
M00223	V\$STAT_01	0.88757 2	1497	(-)	TTCCCRKAA	TTACTGGAA GCTCTAATCCCAGAATCT AAG
M00224	V\$STAT1_01	0.73357 5	1669	(-)	NNNSANTCCGGGAANTGNSN	AAG
M00223	V\$STAT_01	0.86639 8	1675	(+)	TTCCCRKAA	ATCCCAGAA

		0.80312				
M00223	V\$STAT_01	6	1675	(-)	TTCCCRKAA	ATCCCAGAA
		0.85354				
M00223	V\$STAT_01	2	1752	(+)	TTCCCRKAA	TTTCTGTAA
		0.81673				
M00223	V\$STAT_01	8	1785	(-)	TTCCCRKAA	TTCCAAAAA
		0.80993				
M00223	V\$STAT_01	2	1847	(-)	TTCCCRKAA	TTAGCTGAA
		0.71469				AAACATTAACTT-
M00225	V\$STAT3_01	9	1878	(-)	NGNNATTTC CSGGAARTGNNN	GAAATGTAA
		0.79052				
M00223	V\$STAT_01	2	1909	(-)	TTCCCRKAA	TAATAGTAA
		0.81976				
M00223	V\$STAT_01	3	2088	(+)	TTCCCRKAA	TTCTTTTAA
		0.75761				TTCCCATTTCCAG-
M00224	V\$STAT1_01	6	2158	(-)	NNNSANTTC CGGGAANTGNSN	GAATTGAG
		0.80800				TCCCATTTCCAGGAATT-
M00224	V\$STAT1_01	3	2159	(+)	NNNSANTTC CGGGAANTGNSN	GAGA
		0.82446				TCCCATTTCCAGGAATT-
M00224	V\$STAT1_01	9	2159	(-)	NNNSANTTC CGGGAANTGNSN	GAGA
						TCCCATTTCCAGGAATT-
M00225	V\$STAT3_01	0.79609	2159	(+)	NGNNATTTC CSGGAARTGNNN	GAGA
		0.81303				TCCCATTTCCAGGAATT-
M00225	V\$STAT3_01	4	2159	(-)	NGNNATTTC CSGGAARTGNNN	GAGA
		0.86816				
M00223	V\$STAT_01	2	2164	(+)	TTCCCRKAA	TTCCCAGGA
		0.80312				
M00223	V\$STAT_01	6	2164	(-)	TTCCCRKAA	TTCCCAGGA
		0.85858				
M00223	V\$STAT_01	3	2165	(-)	TTCCCRKAA	TCCCAGGAA
		0.85051				
M00223	V\$STAT_01	7	2352	(-)	TTCCCRKAA	TGCTAAGAA
		0.80328				
M00127	V\$GATA1_03	3	35	(+)	RNSNNGATAANNNGN	AGAAAAATAGGAAG
		0.83563				
M00075	V\$GATA1_01	7	58	(-)	SNNGATNNNN	TCTAATCATG
		0.78935				
M00076	V\$GATA2_01	5	58	(-)	NNNGATRNNN	TCTAATCATG
		0.86220				
M00077	V\$GATA3_01	6	58	(-)	NNGATARNG	TCTAATCAT
		0.87265				
M00075	V\$GATA1_01	5	67	(+)	SNNGATNNNN	GCAGATTCT
		0.87144				
M00076	V\$GATA2_01	8	67	(+)	NNNGATRNNN	GCAGATTCT
		0.78825				
M00075	V\$GATA1_01	3	83	(-)	SNNGATNNNN	TCAAATCCAC
		0.77406				
M00126	V\$GATA1_02	2	133	(-)	NNNNNGATANKGNN	AATACTATATATAA
M00075	V\$GATA1_01	0.84847	154	(-)	SNNGATNNNN	CAAAATCAGA
		0.83987				
M00076	V\$GATA2_01	4	154	(-)	NNNGATRNNN	CAAAATCAGA
		0.83872				
M00077	V\$GATA3_01	4	154	(-)	NNGATARNG	CAAAATCAG
		0.77048				
M00075	V\$GATA1_01	4	159	(+)	SNNGATNNNN	TCAGATCATT
		0.82318				
M00076	V\$GATA2_01	4	159	(+)	NNNGATRNNN	TCAGATCATT
		0.88039				
M00203	V\$GATA_C	8	162	(-)	NGATAAGNMNN	GATCATTATCC
		0.84312				
M00126	V\$GATA1_02	5	163	(-)	NNNNNGATANKGNN	ATCATTATCCATTC
		0.84835				
M00127	V\$GATA1_03	9	163	(-)	RNSNNGATAANNNGN	ATCATTATCCATTC
		0.79296				
M00076	V\$GATA2_01	3	165	(-)	NNNGATRNNN	CATTATCCAT

M00077	V\$GATA3_01	0.86397 9	165	(-)	NNGATARNG	CATTATCCA
M00127	V\$GATA1_03	0.78466 4	211	(+)	RNSNNGATAANNGN	AAAAAGGTAAGAAT
M00075	V\$GATA1_01	0.84550 8	219	(-)	SNNGATNNNN	AAGAATCTCA
M00076	V\$GATA2_01	0.84934 6	219	(-)	NNNGATRNNN	AAGAATCTCA
M00076	V\$GATA2_01	0.83265 7	226	(+)	NNNGATRNNN	TCAGATATAA
M00077	V\$GATA3_01	0.84093 9	227	(+)	NNGATARNG	CAGATATAA
M00203	V\$GATA_C	0.83379 9	228	(+)	NGATAAGNMNN	AGATATAATTT
M00126	V\$GATA1_02	0.8075 0.82843	239	(-)	NNNNNGATANKGNN	CATTGTATCTGCTA
M00128	V\$GATA1_04	1 0.84254	239	(-)	NNCWGATARNNNN	CATTGTATCTGCT
M00075	V\$GATA1_01	7 0.85836	241	(-)	SNNGATNNNN	TTGTATCTGC
M00076	V\$GATA2_01	7 0.82188	241	(-)	NNNGATRNNN	TTGTATCTGC
M00077	V\$GATA3_01	7 0.80769	241	(-)	NNGATARNG	TTGTATCTG
M00127	V\$GATA1_03	2 0.80503	250	(-)	RNSNNGATAANNGN	CTACTCATCTTTAT
M00075	V\$GATA1_01	5 0.82498	252	(-)	SNNGATNNNN	ACTCATCTTT
M00076	V\$GATA2_01	9 0.83385	252	(-)	NNNGATRNNN	ACTCATCTTT
M00077	V\$GATA3_01	0.83782 5	287	(+)	RNSNNGATAANNGN	AAGAACATAATTGC
M00076	V\$GATA2_01	8 0.78619	289	(+)	NNNGATRNNN	GAACATAATT
M00076	V\$GATA2_01	6 0.78980	306	(-)	NNNGATRNNN	ATAGATCTTA
M00126	V\$GATA1_02	5 0.79062	313	(+)	NNNNNGATANKGNN	TTAAAAATAAGGAT
M00075	V\$GATA1_01	5 0.80651	321	(+)	SNNGATNNNN	AAGGATGTTT
M00076	V\$GATA2_01	3 0.84799	321	(+)	NNNGATRNNN	AAGGATGTTT
M00126	V\$GATA1_02	5 0.86312	328	(+)	NNNNNGATANKGNN	TTTAAGATAAAGTT
M00128	V\$GATA1_04	3 0.89583	329	(+)	NNCWGATARNNNN	TTAAGATAAAGTT
M00075	V\$GATA1_01	2 0.77295	330	(+)	SNNGATNNNN	TAAGATAAAG
M00076	V\$GATA2_01	3 0.85250	330	(+)	NNNGATRNNN	TAAGATAAAG
M00077	V\$GATA3_01	2 0.91360	331	(+)	NNGATARNG	AAGATAAAG
M00203	V\$GATA_C	6 0.91301	332	(+)	NGATAAGNMNN	AGATAAAGTTT
M00127	V\$GATA1_03	9 0.78784	375	(-)	RNSNNGATAANNGN	GCAACTATAAAGAT
M00075	V\$GATA1_01	5 0.79960	383	(+)	SNNGATNNNN	AAAGATTGT
M00076	V\$GATA2_01	9 0.80378	383	(+)	NNNGATRNNN	AAAGATTGT
M00077	V\$GATA3_01	7 0.82188	384	(+)	NNGATARNG	AAGATTGT
M00127	V\$GATA1_03	2 0.81014	400	(-)	RNSNNGATAANNGN	GTTGCTATTTCTT

M00126	V\$GATA1_02	0.78218 8	403	(-)	NNNNNGATANKGNN	GCTATTTTCTTTAC
M00127	V\$GATA1_03	0.81381 7	403	(-)	RNSNNGATAANNGN	GCTATTTTCTTTAC
M00127	V\$GATA1_03	0.80450 8	422	(+)	RNSNNGATAANNGN	GACTAGTTAACAGG
M00127	V\$GATA1_03	0.82386 1	424	(-)	RNSNNGATAANNGN	CTAGTTAACAGGCT
M00076	V\$GATA2_01	0.79747 4	444	(+)	NNNGATRNNN	AAAGATCTTT
M00076	V\$GATA2_01	0.79747 4	444	(-)	NNNGATRNNN	AAAGATCTTT
M00076	V\$GATA2_01	0.78439 3	482	(+)	NNNGATRNNN	AAACATACCT
M00076	V\$GATA2_01	0.79837 6	521	(-)	NNNGATRNNN	TACTATGGGA
M00076	V\$GATA2_01	0.80108 3	582	(+)	NNNGATRNNN	TAGCATATTT
M00126	V\$GATA1_02	0.83687 5	595	(+)	NNNNNGATANKGNN	CAAGAGATAAAAGAG
M00127	V\$GATA1_03	0.84933 9	595	(+)	RNSNNGATAANNGN	CAAGAGATAAAAGAG
M00128	V\$GATA1_04	0.93259 8	596	(+)	NNCWGATARNNNN	AAGAGATAAAAGAG
M00075	V\$GATA1_01	0.79318 9	597	(+)	SNNGATNNNN	AGAGATAAAG
M00076	V\$GATA2_01	0.82814 6	597	(+)	NNNGATRNNN	AGAGATAAAG
M00077	V\$GATA3_01	0.93088 2	598	(+)	NNGATARNG	GAGATAAAG
M00203	V\$GATA_C	0.86424 4	599	(+)	NGATAAGNMNN	AGATAAAAGAGG
M00075	V\$GATA1_01	0.79664 4	615	(+)	SNNGATNNNN	TAGGATACAT
M00076	V\$GATA2_01	0.88001 8	615	(+)	NNNGATRNNN	TAGGATACAT
M00076	V\$GATA2_01	0.79521 9	678	(-)	NNNGATRNNN	GAACATCCAA
M00203	V\$GATA_C	0.84808 9	692	(-)	NGATAAGNMNN	CAAGTTTATCA
M00126	V\$GATA1_02	0.83312 5	693	(-)	NNNNNGATANKGNN	AAGTTTATCATTTA
M00128	V\$GATA1_04	0.86366 4	693	(-)	NNCWGATARNNNN	AAGTTTATCATTT
M00076	V\$GATA2_01	0.79206 1	695	(-)	NNNGATRNNN	GTTTATCATT
M00077	V\$GATA3_01	0.82321 7	695	(-)	NNGATARNG	GTTTATCAT
M00203	V\$GATA_C	0.92233 6	699	(-)	NGATAAGNMNN	ATCATTTATCT
M00126	V\$GATA1_02	0.79875 4	700	(-)	NNNNNGATANKGNN	TCATTTATCTTACA
M00128	V\$GATA1_04	0.90931 4	700	(-)	NNCWGATARNNNN	TCATTTATCTTAC
M00076	V\$GATA2_01	0.83942 3	702	(-)	NNNGATRNNN	ATTTATCTTA
M00077	V\$GATA3_01	0.84669 9	702	(-)	NNGATARNG	ATTTATCTT
M00126	V\$GATA1_02	0.83406 3	731	(+)	NNNNNGATANKGNN	AAATAGATACATGA
M00127	V\$GATA1_03	0.81234 7	731	(+)	RNSNNGATAANNGN	AAATAGATACATGA
M00203	V\$GATA_C	0.85585 6	735	(+)	NGATAAGNMNN	AGATACATGAA
M00075	V\$GATA1_01	0.79417 6	839	(+)	SNNGATNNNN	TGTGATCTGA

M00076	V\$GATA2_01	0.80333 8	839	(+)	NNNGATRNNN	TGTGATCTGA
M00076	V\$GATA2_01	0.81235 9	839	(-)	NNNGATRNNN	TGTGATCTGA
M00075	V\$GATA1_01	0.88005 9	1024	(-)	SNNGATNNNN	AGACATCTTG
M00076	V\$GATA2_01	0.89400 1	1024	(-)	NNNGATRNNN	AGACATCTTG
M00126	V\$GATA1_02	0.77843 8	1029	(+)	NNNNNGATANKGNN	TCTTGGATAAAGTA
M00076	V\$GATA2_01	0.78529 5	1031	(+)	NNNGATRNNN	TTGGATAAAG
M00077	V\$GATA3_01	0.84404 1	1032	(+)	NNGATARNG	TGGATAAAG
M00203	V\$GATA_C	0.89593	1033	(+)	NGATAAGNMNN	GGATAAAGTAA
M00075	V\$GATA1_01	0.87463 0.84979	1103	(-)	SNNGATNNNN	GCAAATCTGG
M00076	V\$GATA2_01	7	1103	(-)	NNNGATRNNN	GCAAATCTGG
M00075	V\$GATA1_01	0.79170 8	1110	(+)	SNNGATNNNN	TGGGATTGAA
M00076	V\$GATA2_01	0.81912 5	1110	(+)	NNNGATRNNN	TGGGATTGAA
M00077	V\$GATA3_01	0.84537 0.88795	1111	(+)	NNGATARNG	GGGATTGAA
M00075	V\$GATA1_01	7	1117	(+)	SNNGATNNNN	GAAGATGTGT
M00076	V\$GATA2_01	0.88678 4	1117	(+)	NNNGATRNNN	GAAGATGTGT
M00075	V\$GATA1_01	0.85093 8	1131	(+)	SNNGATNNNN	AGAGATGTTG
M00076	V\$GATA2_01	0.85475 9	1131	(+)	NNNGATRNNN	AGAGATGTTG
M00077	V\$GATA3_01	0.86530 8	1132	(+)	NNGATARNG	GAGATGTTG
M00127	V\$GATA1_03	0.80034 3	1135	(+)	RNSNNGATAANNGN	ATGTTGATGGCAAG
M00075	V\$GATA1_01	0.87166 8	1137	(+)	SNNGATNNNN	GTTGATGGCA
M00076	V\$GATA2_01	0.81326 1	1137	(+)	NNNGATRNNN	GTTGATGGCA
M00127	V\$GATA1_03	0.78172 5	1241	(+)	RNSNNGATAANNGN	ACAAGGAGAAGTAG
M00127	V\$GATA1_03	0.80132 3	1271	(+)	RNSNNGATAANNGN	GGCAAGAGAATCTG
M00075	V\$GATA1_01	0.82280 4	1276	(-)	SNNGATNNNN	GAGAATCTGA
M00076	V\$GATA2_01	0.84573 7	1276	(-)	NNNGATRNNN	GAGAATCTGA
M00075	V\$GATA1_01	0.84698 9	1293	(-)	SNNGATNNNN	GTAAATCACC
M00076	V\$GATA2_01	0.79747 4	1293	(-)	NNNGATRNNN	GTAAATCACC
M00126	V\$GATA1_02	0.81 0.89784	1302	(+)	NNNNNGATANKGNN	CGAGAGATAAGTAC
M00127	V\$GATA1_03	4	1302	(+)	RNSNNGATAANNGN	CGAGAGATAAGTAC
M00128	V\$GATA1_04	0.92708 3	1303	(+)	NNCWGATARNNNN	GAGAGATAAGTAC
M00075	V\$GATA1_01	0.83366 2	1304	(+)	SNNGATNNNN	AGAGATAAGT
M00076	V\$GATA2_01	0.86152 5	1304	(+)	NNNGATRNNN	AGAGATAAGT
M00077	V\$GATA3_01	0.90474 1	1305	(+)	NNGATARNG	GAGATAAGT

M00203	V\$GATA_C	0.98384 6	1306	(+)	NGATAAGNMNN	AGATAAGTACA
M00127	V\$GATA1_03	0.79348 4	1326	(+)	RNSNNGATAANNGN	GTAGAGAAAATAAG
M00127	V\$GATA1_03	0.80769 2	1329	(+)	RNSNNGATAANNGN	GAGAAAATAAGCAT
M00076	V\$GATA2_01	0.81822 3	1337	(+)	NNNGATRNNN	AAGCATAGTG
M00075	V\$GATA1_01	0.78874 6	1347	(+)	SNNGATNNNN	TATGATCTCT
M00076	V\$GATA2_01	0.83761 8	1347	(+)	NNNGATRNNN	TATGATCTCT
M00126	V\$GATA1_02	0.7975 0.91499	1375	(+)	NNNNNGATANKGNN	GGGGAGATAACATT
M00127	V\$GATA1_03	3 0.86458	1375	(+)	RNSNNGATAANNGN	GGGGAGATAACATT
M00128	V\$GATA1_04	3 0.85044	1376	(+)	NNCWGATARNNNN	GGGAGATAACATT
M00075	V\$GATA1_01	4 0.89129	1377	(+)	SNNGATNNNN	GGAGATAACA
M00076	V\$GATA2_01	5 0.89986	1377	(+)	NNNGATRNNN	GGAGATAACA
M00077	V\$GATA3_01	7 0.85368	1378	(+)	NNGATARNG	GAGATAACA
M00203	V\$GATA_C	1 0.80559	1379	(+)	NGATAAGNMNN	AGATAACATTA
M00076	V\$GATA2_01	3 0.79152	1389	(-)	NNNGATRNNN	AGGCATGTGG
M00127	V\$GATA1_03	4 0.85340	1395	(+)	RNSNNGATAANNGN	GTGGGGATGAAGAC
M00075	V\$GATA1_01	6 0.86107	1397	(+)	SNNGATNNNN	GGGGATGAAG
M00076	V\$GATA2_01	4 0.83207	1397	(+)	NNNGATRNNN	GGGGATGAAG
M00077	V\$GATA3_01	8 0.86722	1398	(+)	NNGATARNG	GGGATGAAG
M00075	V\$GATA1_01	6 0.79386	1422	(-)	SNNGATNNNN	AACAATCTAG
M00076	V\$GATA2_01	6 0.83695	1422	(-)	NNNGATRNNN	AACAATCTAG
M00077	V\$GATA3_01	2 0.80303	1422	(-)	NNGATARNG	AACAATCTA
M00127	V\$GATA1_03	8 0.78931	1447	(+)	RNSNNGATAANNGN	ATGTGGATCAATGG
M00127	V\$GATA1_03	9 0.87468	1500	(+)	RNSNNGATAANNGN	CTGGAAATAAAAGA
M00126	V\$GATA1_02	8 0.89583	1507	(+)	NNNNNGATANKGNN	TAAAAGATATGAGG
M00128	V\$GATA1_04	3 0.78775	1508	(+)	NNCWGATARNNNN	AAAAGATATGAGG
M00075	V\$GATA1_01	9 0.83852	1509	(+)	SNNGATNNNN	AAAGATATGA
M00076	V\$GATA2_01	1 0.88746	1509	(+)	NNNGATRNNN	AAAGATATGA
M00077	V\$GATA3_01	1 0.81145	1510	(+)	NNGATARNG	AAGATATGA
M00076	V\$GATA2_01	7 0.81847	1511	(-)	NNNGATRNNN	AGATATGAGG
M00127	V\$GATA1_03	1 0.84964	1518	(+)	RNSNNGATAANNGN	AGGAAGACAAACAT
M00203	V\$GATA_C	3 0.82181	1522	(+)	NGATAAGNMNN	AGACAAACATT
M00075	V\$GATA1_01	6 0.79070	1536	(-)	SNNGATNNNN	GAAAACTACT
M00076	V\$GATA2_01	8	1536	(-)	NNNGATRNNN	GAAAACTACT

M00126	V\$GATA1_02	0.785	1553	(+)	NNNNNGATANKGNN	GTAGAGAAAAGATA
M00126	V\$GATA1_02	0.84375 0.84933	1558	(+)	NNNNNGATANKGNN	GAAAAGATAAAAAAT
M00127	V\$GATA1_03	9 0.92156	1558	(+)	RNSNNGATAANNGN	GAAAAGATAAAAAAT
M00128	V\$GATA1_04	9	1559	(+)	NNCWGATARNNNN	AAAAGATAAAAAAT
M00077	V\$GATA3_01	0.8786 0.93911	1561	(+)	NNGATARNG	AAGATAAAA
M00203	V\$GATA_C	2 0.78564	1562	(+)	NGATAAGNMNN	AGATAAAAAATA
M00127	V\$GATA1_03	4 0.84649	1574	(-)	RNSNNGATAANNGN	AGTATTACCTTCTT
M00075	V\$GATA1_01	6 0.90076	1607	(+)	SNNGATNNNN	TCAGATGCCC
M00076	V\$GATA2_01	7 0.77838	1607	(+)	NNNGATRNNN	TCAGATGCCC
M00075	V\$GATA1_01	1 0.81416	1671	(-)	SNNGATNNNN	TCTAATCCCA
M00076	V\$GATA2_01	3 0.85777	1671	(-)	NNNGATRNNN	TCTAATCCCA
M00077	V\$GATA3_01	6 0.79220	1671	(-)	NNGATARNG	TCTAATCCC
M00075	V\$GATA1_01	1 0.82454	1679	(-)	SNNGATNNNN	CAGAATCTAA
M00077	V\$GATA3_01	6 0.90556	1679	(-)	NNGATARNG	CAGAATCTA
M00203	V\$GATA_C	1 0.78123	1687	(-)	NGATAAGNMNN	AAGACATATCT
M00076	V\$GATA2_01	6 0.79093	1688	(+)	NNNGATRNNN	AGACATATCT
M00126	V\$GATA1_02	7 0.89797	1688	(-)	NNNNNGATANKGNN	AGACATATCTGGCA
M00128	V\$GATA1_04	8 0.91312	1688	(-)	NNCWGATARNNNN	AGACATATCTGGC
M00075	V\$GATA1_01	9 0.91790	1690	(-)	SNNGATNNNN	ACATATCTGG
M00076	V\$GATA2_01	7 0.84980	1690	(-)	NNNGATRNNN	ACATATCTGG
M00077	V\$GATA3_01	1 0.84402	1690	(-)	NNGATARNG	ACATATCTG
M00075	V\$GATA1_01	8 0.79070	1737	(-)	SNNGATNNNN	ATCAATCACT
M00076	V\$GATA2_01	8 0.83517	1737	(-)	NNNGATRNNN	ATCAATCACT
M00077	V\$GATA3_01	9 0.85026	1737	(-)	NNGATARNG	ATCAATCAC
M00203	V\$GATA_C	4 0.83468	1756	(-)	NGATAAGNMNN	TGTAAGTATCT
M00126	V\$GATA1_02	8	1757	(-)	NNNNNGATANKGNN	GTAAGTATCTGTAA
M00128	V\$GATA1_04	0.81924 0.85291	1757	(-)	NNCWGATARNNNN	GTAAGTATCTGTA
M00075	V\$GATA1_01	2 0.88137	1759	(-)	SNNGATNNNN	AAGTATCTGT
M00076	V\$GATA2_01	1 0.78172	1759	(-)	NNNGATRNNN	AAGTATCTGT
M00127	V\$GATA1_03	5 0.83504	1794	(+)	RNSNNGATAANNGN	ACACTCATAAGTAC
M00203	V\$GATA_C	2 0.78123	1798	(+)	NGATAAGNMNN	TCATAAGTACT
M00076	V\$GATA2_01	6 0.82498	1814	(+)	NNNGATRNNN	TAAGATGAAA
M00077	V\$GATA3_01	9	1815	(+)	NNGATARNG	AAGATGAAA

		0.82802				
M00127	V\$GATA1_03	5	1815	(+)	RNSNNGATAANNGN	AAGATGAAAAGAGT
M00126	V\$GATA1_02	0.7925	1831	(+)	NNNNNGATANKGNN	AATAAGATATAGGC
		0.89460				
M00128	V\$GATA1_04	8	1832	(+)	NNCWGATARNNNN	ATAAGATATAGGC
		0.79121				
M00075	V\$GATA1_01	4	1833	(+)	SNNGATNNNN	TAAGATATAG
		0.86738				
M00076	V\$GATA2_01	8	1833	(+)	NNNGATRNNN	TAAGATATAG
		0.88170				
M00077	V\$GATA3_01	1	1834	(+)	NNGATARNG	AAGATATAG
		0.86921				
M00203	V\$GATA_C	4	1835	(+)	NGATAAGNMNN	AGATATAGGCT
		0.82116				
M00127	V\$GATA1_03	6	1841	(+)	RNSNNGATAANNGN	AGGCTGTTAGCTGA
		0.81638				
M00075	V\$GATA1_01	7	1843	(+)	SNNGATNNNN	GCTGTTAGCT
		0.80153				
M00076	V\$GATA2_01	4	1843	(+)	NNNGATRNNN	GCTGTTAGCT
M00075	V\$GATA1_01	0.90079	1855	(-)	SNNGATNNNN	AAACATCTGG
		0.88317				
M00076	V\$GATA2_01	5	1855	(-)	NNNGATRNNN	AAACATCTGG
		0.79470				
M00127	V\$GATA1_03	8	1859	(+)	RNSNNGATAANNGN	ATCTGGATGGCTGG
		0.88647				
M00075	V\$GATA1_01	6	1861	(+)	SNNGATNNNN	CTGGATGGCT
		0.86332				
M00076	V\$GATA2_01	9	1861	(+)	NNNGATRNNN	CTGGATGGCT
		0.77812				
M00126	V\$GATA1_02	5	1879	(-)	NNNNNGATANKGNN	AACATTAAGTTGAA
		0.80604				
M00076	V\$GATA2_01	4	1931	(-)	NNNGATRNNN	CCGTATGATA
		0.88265				
M00128	V\$GATA1_04	9	1933	(+)	NNCWGATARNNNN	GTATGATAAAATG
		0.79837				
M00076	V\$GATA2_01	6	1934	(+)	NNNGATRNNN	TATGATAAAA
		0.85511				
M00077	V\$GATA3_01	7	1935	(+)	NNGATARNG	ATGATAAAA
		0.84498				
M00203	V\$GATA_C	3	1936	(+)	NGATAAGNMNN	TGATAAAATGT
		0.78980				
M00076	V\$GATA2_01	6	1985	(-)	NNNGATRNNN	TGCCATGAGG
		0.83563				
M00075	V\$GATA1_01	7	1999	(+)	SNNGATNNNN	CAGGATCTTG
		0.86130				
M00075	V\$GATA1_01	3	1999	(-)	SNNGATNNNN	CAGGATCTTG
		0.86648				
M00076	V\$GATA2_01	6	1999	(+)	NNNGATRNNN	CAGGATCTTG
		0.86332				
M00076	V\$GATA2_01	9	1999	(-)	NNNGATRNNN	CAGGATCTTG
		0.77906				
M00126	V\$GATA1_02	2	2011	(+)	NNNNNGATANKGNN	TCCCTGATGAGGGA
M00075	V\$GATA1_01	0.92695	2013	(+)	SNNGATNNNN	CCTGATGAGG
M00076	V\$GATA2_01	0.87641	2013	(+)	NNNGATRNNN	CCTGATGAGG
		0.87151				
M00077	V\$GATA3_01	1	2014	(+)	NNGATARNG	CTGATGAGG
		0.77393				
M00075	V\$GATA1_01	9	2020	(-)	SNNGATNNNN	AGGGATCAAA
		0.80031				
M00126	V\$GATA1_02	2	2055	(+)	NNNNNGATANKGNN	TCTTAGATATTGT
		0.78331				
M00075	V\$GATA1_01	7	2057	(+)	SNNGATNNNN	TTAGATATT

M00076	V\$GATA2_01	0.81281	2057	(+)	NNNGATRNNN	TTAGATATTT
M00126	V\$GATA1_02	0.9075	2073	(-)	NNNNNGATANKGNN	TACACTATCTTTGG
M00127	V\$GATA1_03	0.80965	2073	(-)	RNSNNGATAANNGN	TACACTATCTTTGG
M00075	V\$GATA1_01	2	2075	(-)	SNNGATNNNN	CACTATCTTT
M00076	V\$GATA2_01	0.8692	2075	(-)	NNNGATRNNN	CACTATCTTT
M00077	V\$GATA3_01	0.91159	2075	(-)	NNNGATRNNN	CACTATCTTT
M00203	V\$GATA_C	2	2075	(-)	NNGATARNG	CACTATCTT
M00126	V\$GATA1_02	6	2131	(+)	NGATAAGNMNN	TGACAAGTAAT
M00203	V\$GATA_C	0.87853	2141	(-)	NNNNNGATANKGNN	TACACTATTCCTC
M00127	V\$GATA1_03	4	2148	(-)	NGATAAGNMNN	TTTCCTCATCT
M00075	V\$GATA1_01	0.77406	2149	(-)	RNSNNGATAANNGN	TTCTCATCTTCCC
M00076	V\$GATA2_01	0.83162	2151	(-)	SNNGATNNNN	CCTCATCTTC
M00077	V\$GATA3_01	5	2151	(-)	NNNGATRNNN	CCTCATCTTC
M00075	V\$GATA1_01	0.82680	2151	(-)	NNGATARNG	CCTCATCTT
M00076	V\$GATA2_01	1	2191	(-)	SNNGATNNNN	CCTCATCCTT
M00077	V\$GATA3_01	0.88104	2191	(-)	NNNGATRNNN	CCTCATCCTT
M00127	V\$GATA1_03	0.88498	2191	(-)	NNGATARNG	CCTCATCCT
M00203	V\$GATA_C	0.90075	2191	(-)	RNSNNGATAANNGN	AGAGAGGTAAATAC
M00126	V\$GATA1_02	3	2228	(+)	NGATAAGNMNN	TAGTACTATCT
M00127	V\$GATA1_03	0.81194	2268	(-)	NNNNNGATANKGNN	AGTACTATCTGCCT
M00128	V\$GATA1_04	5	2269	(-)	RNSNNGATAANNGN	AGTACTATCTGCCT
M00075	V\$GATA1_01	0.85250	2269	(-)	NNCWGATARNNNN	AGTACTATCTGCC
M00076	V\$GATA2_01	0.85556	2271	(-)	SNNGATNNNN	TACTATCTGC
M00077	V\$GATA3_01	0.78564	2271	(-)	NNNGATRNNN	TACTATCTGC
M00127	V\$GATA1_03	4	2271	(-)	NNGATARNG	TACTATCTG
M00126	V\$GATA1_02	0.80153	2279	(-)	NNNGATRNNN	GCCTATGTGT
M00127	V\$GATA1_03	0.83733	2285	(+)	RNSNNGATAANNGN	GTGTAGAAAATCGC
M00075	V\$GATA1_01	5	2290	(-)	SNNGATNNNN	GAAAATCGCA
M00076	V\$GATA2_01	0.82428	2290	(-)	NNNGATRNNN	GAAAATCGCA
M00127	V\$GATA1_03	0.83130	2296	(-)	RNSNNGATAANNGN	CGCATTACCAACAT
M00126	V\$GATA1_02	0.79201	2317	(+)	NNNNNGATANKGNN	GTATAAATAATGCA
M00075	V\$GATA1_01	0.79718	2329	(-)	SNNGATNNNN	CACAATCTCA
M00076	V\$GATA2_01	8	2329	(-)	NNNGATRNNN	CACAATCTCA
M00077	V\$GATA3_01	0.88252	2329	(-)	NNGATARNG	CACAATCTC
M00075	V\$GATA1_01	0.88768	2336	(+)	SNNGATNNNN	TCAGATTTTT

M00076	V\$GATA2_01	0.83806 9	2336	(+)	NNNGATRNNN	TCAGATTTTT
M00203	V\$GATA_C	0.83845 9	2375	(-)	NGATAAGNMNN	ATCCACTATCT
M00126	V\$GATA1_02	0.89406 3	2376	(-)	NNNNNGATANKGNN	TCCACTATCTCAGT
M00127	V\$GATA1_03	0.82092 1	2376	(-)	RNSNNGATAANNGN	TCCACTATCTCAGT
M00128	V\$GATA1_04	0.81770 8	2376	(-)	NNCWGATARNNNN	TCCACTATCTCAG
M00075	V\$GATA1_01	0.90621 9	2378	(-)	SNNGATNNNN	CACTATCTCA
M00076	V\$GATA2_01	0.95218 8	2378	(-)	NNNGATRNNN	CACTATCTCA
M00077	V\$GATA3_01	0.97917 6	2378	(-)	NNGATARNG	CACTATCTC
M00075	V\$GATA1_01	0.80059 2	2389	(-)	SNNGATNNNN	TAGTATCCTA
M00076	V\$GATA2_01	0.89039 2	2389	(-)	NNNGATRNNN	TAGTATCCTA
M00076	V\$GATA2_01	0.80469 1	2394	(-)	NNNGATRNNN	TCCTATGGGA
M00126	V\$GATA1_02	0.77218 8	2437	(-)	NNNNNGATANKGNN	TGTACCATCTGTAC
M00075	V\$GATA1_01	0.84304 0.84844	2439	(-)	SNNGATNNNN	TACCATCTGT
M00076	V\$GATA2_01	0.86752 4	2439	(-)	NNNGATRNNN	TACCATCTGT
M00077	V\$GATA3_01	0.80700 3	2439	(-)	NNGATARNG	TACCATCTG
M00075	V\$GATA1_01	0.82543 9	2448	(-)	SNNGATNNNN	TACCATCAAT
M00077	V\$GATA3_01	0.81885 2	2448	(-)	NNGATARNG	TACCATCAA
M00075	V\$GATA1_01	0.81641 5	2452	(-)	SNNGATNNNN	ATCAATCCCT
M00076	V\$GATA2_01	0.80078 9	2452	(-)	NNNGATRNNN	ATCAATCCCT
M00162	V\$OCT1_06	0.87198 1	47	(-)	CWNAWTKWSATRYN	AGAATTCATTTTCT
M00137	V\$OCT1_03	7	56	(+)	NNNRTAATNANNN NNNNNNNWATGCAAATNNNWN	TTTCTAATCATGC TTCTAATCATGCAGAT- TTCTAGG
M00138	V\$OCT1_04	0.83187 0.82392	57	(+)	NNNNWTATGCAAATNTNNN	CTAATCATGCAGATTTC- TA
M00135	V\$OCT1_01	0.79263 2	59	(+)	NNGAATATKCANNNN	ATCATGCAGATTCT
M00136	V\$OCT1_02	0.79987 7	62	(-)	TNTATGNTAATT NNNNNNNWATGCAAATNNNWN	ATCATGCAGATT TTCTAG- GAATTCAAATCCACTAT
M00248	V\$OCT1_07	0.78419 1	73	(+)	NW	CTAG- GAATTCAAATCCACT
M00138	V\$OCT1_04	0.73235 4	75	(+)	NNNNATGCAAATNAN	AGGAATTCAAATCCA
M00135	V\$OCT1_01	0.83051 3	77	(+)	CWNAWTKWSATRYN	GGAATTCAAATCCA
M00195	V\$OCT1_Q6	0.80117 2	78	(-)	CWNAWTKWSATRYN	CAAATCCACTATTG
M00162	V\$OCT1_06	0.82148 4	84	(-)	CWNAWTKWSATRYN	CACTATTGGTTTAA
M00162	V\$OCT1_06	0.82148 4	90	(+)	CWNAWTKWSATRYN	CAAACCACAAAATT CCACAAAATTAG- CATGCCATTAA
M00162	V\$OCT1_06	0.80039 1	107	(-)	CWNAWTKWSATRYN	
M00138	V\$OCT1_04	0.81890 4	111	(-)	NNNNNNNWATGCAAATNNNWN NW	

M00135	V\$OCT1_01	0.81648 2	113	(-)	NNNNWTATGCAAATNTNNN	ACAAAATTAG- CATGCCATT
M00161	V\$OCT1_05	0.86900 2	115	(+)	MKNATTTGCATAYY	AAAATTAGCATGCC
M00162	V\$OCT1_06	0.85546 9	115	(+)	CWNAWTKWSATRYN	AAAATTAGCATGCC
M00248	V\$OCT1_07	0.91286 8	117	(-)	TNTATGNTAATT	AATTAGCATGCC
M00162	V\$OCT1_06	0.88906 2	121	(-)	CWNAWTKWSATRYN	AGCATGCCATTAAA
M00162	V\$OCT1_06	0.82929 7	125	(+)	CWNAWTKWSATRYN	TGCCATTAAATACT
M00138	V\$OCT1_04	0.78293 6	130	(-)	NNNNNNNWATGCAAATNNNWN NW	TTAAATACTATA- TATAACAACC
M00138	V\$OCT1_04	0.81472 2	131	(+)	NNNNNNNWATGCAAATNNNWN NW	TAAATACTATA- TATAACAACCA
M00248	V\$OCT1_07	0.79626 9	132	(-)	TNTATGNTAATT	AAATACTATATA
M00195	V\$OCT1_Q6	0.79203 1	137	(+)	NNNNATGCAAATNAN	CTATATATAACAAC
M00137	V\$OCT1_03	0.91426 3	161	(-)	NNNRTAATNANNN	AGATCATTATCCA
M00136	V\$OCT1_02	0.81889 6	163	(+)	NNGAATATKCANNNN	ATCATTATCCATTCA
M00162	V\$OCT1_06	0.81601 6	212	(-)	CWNAWTKWSATRYN	AAAAGGTAAGAATC
M00162	V\$OCT1_06	0.89062 5	220	(-)	CWNAWTKWSATRYN	AGAATCTCAGATAT
M00162	V\$OCT1_06	0.83437 5	221	(+)	CWNAWTKWSATRYN	GAATCTCAGATATA
M00137	V\$OCT1_03	0.84156 5	229	(+)	NNNRTAATNANNN	GATATAATTTCAT
M00162	V\$OCT1_06	0.81210 9	231	(+)	CWNAWTKWSATRYN	TATAATTTATTGT
M00137	V\$OCT1_03	0.84670 1	235	(-)	NNNRTAATNANNN	ATTTATTGTATC
M00137	V\$OCT1_03	0.86843 1	254	(-)	NNNRTAATNANNN	TCATCTTTATTTC
M00162	V\$OCT1_06	0.86015 6	258	(+)	CWNAWTKWSATRYN	CTTTATTTAGACT
M00135	V\$OCT1_01	0.73693 2	290	(-)	NNNNWTATGCAAATNTNNN	AACATAATTGCTTAAAA- TA
M00137	V\$OCT1_03	0.84314 5	290	(+)	NNNRTAATNANNN	AACATAATTGCTT
M00137	V\$OCT1_03	0.85302 3	291	(-)	NNNRTAATNANNN	ACATAATTGCTTA
M00162	V\$OCT1_06	0.80429 7	292	(+)	CWNAWTKWSATRYN	CATAATTGCTTAAA
M00135	V\$OCT1_01	0.74647 1	347	(+)	NNNNWTATGCAAATNTNNN	TATTTTCAGCAAATTTGTT
M00138	V\$OCT1_04	0.80008 4	355	(+)	NNNNNNNWATGCAAATNNNWN NW	GCAAATTTGTTAAAA- TAGAAGCA
M00137	V\$OCT1_03	0.84235 5	378	(+)	NNNRTAATNANNN	ACTATAAAGATTT
M00137	V\$OCT1_03	0.88305 9	407	(-)	NNNRTAATNANNN	TTTTCTTTACCAC
M00162	V\$OCT1_06	0.90351 6	437	(-)	CWNAWTKWSATRYN	TGTATTAAGATC
M00138	V\$OCT1_04	0.86835 9	454	(-)	NNNNNNNWATGCAAATNNNWN NW	TCTTGAATTAATA- TATTTCAATT
M00162	V\$OCT1_06	0.89843 7	456	(+)	CWNAWTKWSATRYN	TTGAATTAATATT
M00162	V\$OCT1_06	0.80319 4	457	(-)	CWNAWTKWSATRYN	TGAATTAATATT
M00136	V\$OCT1_02	0.80319 4	458	(-)	NNGAATATKCANNNN	GAATTAATATTTTC

M00138	V\$OCT1_04	0.78398 2	460	(-)	NNNNNNNWATGCAAATNNNWN NW	ATTAAATATTTTCAATTT- GATTA
M00138	V\$OCT1_04	0.81095 8	461	(-)	NNNNNNNWATGCAAATNNNWN NW	TTAAATATTTTCAATTT- GATTAA
M00162	V\$OCT1_06	0.84726 6	464	(+)	CWNAWTKWSATRYN	AATATTTTCAATTT
M00162	V\$OCT1_06	0.80078 1	465	(+)	CWNAWTKWSATRYN	ATATTTTCAATTTG
M00138	V\$OCT1_04	0.81597 7	467	(-)	NNNNNNNWATGCAAATNNNWN NW	ATTTTCAATTTGAT- TAAACATAC
M00135	V\$OCT1_01	0.74532 6	469	(-)	NNNNWTATGCAAATNTNNN	TTTCAATTTGATTAAACAT
M00138	V\$OCT1_04	0.80635 7	473	(-)	NNNNNNNWATGCAAATNNNWN NW	AATTTGATTAAACAT- ACCTCAGC
M00248	V\$OCT1_07	0.81450 1	473	(-)	TNTATGNTAATT	AATTTGATTAAA
M00137	V\$OCT1_03	0.85657 8	474	(-)	NNNRATATNANNN	ATTTGATTAAACA
M00162	V\$OCT1_06	0.82148 4	507	(+)	CWNAWTKWSATRYN	GCACATTTAATTTA
M00162	V\$OCT1_06	0.93242 2	508	(-)	CWNAWTKWSATRYN	CACATTTAATTTAT
M00135	V\$OCT1_01	0.75104 9	519	(+)	NNNNWTATGCAAATNTNNN	TATACTATGGGAATTT- GAA
M00248	V\$OCT1_07	0.88446	522	(+)	TNTATGNTAATT	ACTATGGGAATT
M00138	V\$OCT1_04	0.87432 0.86531	524	(-)	NNNNNNNWATGCAAATNNNWN NW	TATGGGAATTTGAA- TAATTGTTA
M00135	V\$OCT1_01	0.87879 9	526	(-)	NNNNWTATGCAAATNTNNN	TGGGAATTTGAA- TAATTGT
M00161	V\$OCT1_05	0.81914 8	528	(+)	MKNATTTGCATAYY	GGAATTTGAATAAT
M00162	V\$OCT1_06	0.82695 1	528	(+)	CWNAWTKWSATRYN	GGAATTTGAATAAT
M00162	V\$OCT1_06	0.84579 3	528	(-)	CWNAWTKWSATRYN	GGAATTTGAATAAT
M00195	V\$OCT1_Q6	0.85002 7	528	(-)	NNNNATGCAAATNAN	GGAATTTGAATAATT
M00136	V\$OCT1_02	0.89315 7	530	(-)	NNGAATATKCANNNN	AATTTGAATAATTGT
M00248	V\$OCT1_07	0.84709 2	530	(-)	TNTATGNTAATT	AATTTGAATAAT
M00137	V\$OCT1_03	0.77813 6	534	(+)	NNNRATATNANNN	TGAATAATTGTTA
M00135	V\$OCT1_01	0.84677 8	575	(-)	NNNNWTATGCAAATNTNNN	ATAGAGCTAG- CATATTTAG
M00136	V\$OCT1_02	0.79047 9	579	(-)	NNGAATATKCANNNN	AGCTAGCATATTTAG
M00136	V\$OCT1_02	0.86724 1	582	(+)	NNGAATATKCANNNN	TAGCATATTTAGTCA
M00137	V\$OCT1_03	0.73769 6	598	(+)	NNNRATATNANNN	GAGATAAAGAGGG
M00135	V\$OCT1_01	0.82617 6	619	(+)	NNNNWTATGCAAATNTNNN	ATACATGTGCTATT- GAAA
M00162	V\$OCT1_06	0.84726 2	619	(+)	CWNAWTKWSATRYN	ATACATGTGCTATT
M00162	V\$OCT1_06	0.81328 6	628	(+)	CWNAWTKWSATRYN	CTATTTGAAAGGTA
M00162	V\$OCT1_06	0.81116 1	629	(-)	CWNAWTKWSATRYN	TATTTGAAAGGTAT
M00138	V\$OCT1_04	0.82656 7	633	(+)	NNNNNNNWATGCAAATNNNWN NW	TGAAAGGTATTTATAAAA GAAGA
M00162	V\$OCT1_06	0.79569 2	638	(-)	CWNAWTKWSATRYN	GGTATTTATAAAAAG
M00138	V\$OCT1_04	2	650	(+)	NNNNNNNWATGCAAATNNNWN NW	AGAAGAG- TATATTTATTTAAATT

		0.80400				
M00136	V\$OCT1_02	6	654	(+)	NNGAATATKCANNNN	GAGTATATTTATTAA
		0.83605			NNNNNNNWATGCAAATNNNWN	GTATATTTATTAAAAATT-
M00138	V\$OCT1_04	2	656	(+)	NW	GCTCAG
		0.80740			NNNNNNNWATGCAAATNNNWN	TATATTTATTAAAAATT-
M00138	V\$OCT1_04	3	657	(-)	NW	GCTCAGA
		0.75333				
M00135	V\$OCT1_01	8	658	(+)	NNNNWTATGCAAATNTNNN	ATATTTATTAAAAATTGCTC
		0.83400				
M00248	V\$OCT1_07	5	661	(+)	TNTATGNTAATT	TTTATTAAAAATT
		0.78021			NNNNNNNWATGCAAATNNNWN	CTCAGAACATCCAAATTT
M00138	V\$OCT1_04	7	674	(+)	NW	CAAGT
		0.81972				CAGAACATCCAAATTTCA
M00135	V\$OCT1_01	5	676	(+)	NNNNWTATGCAAATNTNNN	A
		0.79615				
M00136	V\$OCT1_02	6	676	(+)	NNGAATATKCANNNN	CAGAACATCCAAATT
		0.82287				
M00195	V\$OCT1_Q6	1	678	(+)	NNNNATGCAAATNAN	GAACATCCAAATTTTC
		0.9375				
M00162	V\$OCT1_06	0.80093	679	(-)	CWNAWKWSATRYN	AACATCCAAATTTTC
		3				
M00248	V\$OCT1_07	3	679	(+)	TNTATGNTAATT	AACATCCAAATT
		0.825				
M00162	V\$OCT1_06	0.88554	684	(+)	CWNAWKWSATRYN	CCAAATTTCAAGTT
		7				
M00162	V\$OCT1_06	0.79924	685	(-)	CWNAWKWSATRYN	CAAATTTCAAGTTT
		0.79924			NNNNNNNWATGCAAATNNNWN	TTTCAAGTTTATCATTTAT
M00138	V\$OCT1_04	7	689	(-)	NW	CTTA
		0.82148				
M00162	V\$OCT1_06	4	693	(+)	CWNAWKWSATRYN	AAGTTTATCATTTA
		0.83945				
M00162	V\$OCT1_06	3	705	(-)	CWNAWKWSATRYN	TATCTTACAATATT
		0.80928			NNNNNNNWATGCAAATNNNWN	TTACAATATTTCAAAAA-
M00138	V\$OCT1_04	5	709	(+)	NW	TATTAA
		0.90351				
M00162	V\$OCT1_06	6	713	(-)	CWNAWKWSATRYN	AATATTTCAAAAAT
		0.81835				
M00162	V\$OCT1_06	9	715	(-)	CWNAWKWSATRYN	TATTTCAAAAATAT
		0.87243			NNNNNNNWATGCAAATNNNWN	TCAAAAATATTAAAA-
M00138	V\$OCT1_04	8	719	(+)	NW	TAGATACA
		0.80112			NNNNNNNWATGCAAATNNNWN	CAAAAATATTAAAA-
M00138	V\$OCT1_04	9	720	(-)	NW	TAGATACAT
		0.74265				AAAAATATTAAATAGA-
M00135	V\$OCT1_01	5	721	(+)	NNNNWTATGCAAATNTNNN	TA
		0.80590				
M00136	V\$OCT1_02	1	721	(+)	NNGAATATKCANNNN	AAAAATATTAAATA
		0.83654				
M00248	V\$OCT1_07	9	726	(-)	TNTATGNTAATT	TATTAAAATAGA
		0.80390				
M00162	V\$OCT1_06	6	728	(+)	CWNAWKWSATRYN	TTAAAATAGATACA
		0.91132				
M00162	V\$OCT1_06	8	737	(+)	CWNAWKWSATRYN	ATACATGAAATACA
		0.94531				
M00162	V\$OCT1_06	2	738	(-)	CWNAWKWSATRYN	TACATGAAATACAG
		0.80078				
M00162	V\$OCT1_06	1	755	(-)	CWNAWKWSATRYN	TAAATTAAAGAGAA
		0.82929				
M00162	V\$OCT1_06	7	768	(+)	CWNAWKWSATRYN	AAGTATTTTATTTT
		0.89453				
M00162	V\$OCT1_06	1	769	(-)	CWNAWKWSATRYN	AGTATTTTATTTTG
		0.81725				
M00248	V\$OCT1_07	7	769	(+)	TNTATGNTAATT	AGTATTTTATTT
		0.80865			NNNNNNNWATGCAAATNNNWN	TATTTTATTTT-
M00138	V\$OCT1_04	7	771	(-)	NW	GTAAAAAAAAT
		0.81911			NNNNNNNWATGCAAATNNNWN	ATTTTATTTT-
M00138	V\$OCT1_04	3	772	(+)	NW	GTAAAAAAAAT

		0.84907				
M00137	V\$OCT1_03	2	779	(+)	NNNRTAATNANNN	TTTGTAAAAAAA
		0.81406				
M00162	V\$OCT1_06	2	789	(-)	CWNAWTKWSATRYN	AAAAATTCTAGGTTG
		0.82929				
M00162	V\$OCT1_06	7	827	(+)	CWNAWTKWSATRYN	AACAATGAAAAATG
		0.86835				
M00162	V\$OCT1_06	9	834	(+)	CWNAWTKWSATRYN	AAAAATGTGATCTG
		0.80039				
M00162	V\$OCT1_06	1	842	(-)	CWNAWTKWSATRYN	GATCTGACAGAAAT
		0.90833				
M00137	V\$OCT1_03	7	876	(+)	NNNRTAATNANNN	TCAGTAATGAAAT
		0.84257				
M00162	V\$OCT1_06	8	878	(+)	CWNAWTKWSATRYN	AGTAATGAAATGGC
		0.82559			NNNNNNNWATGCAAATNNNWN	CTAAAAAATTGGCATA-
M00138	V\$OCT1_04	6	891	(-)	NW	TAAAAATG
		0.78000			NNNNNNNWATGCAAATNNNWN	TTAAAAAATTGGCATA-
M00138	V\$OCT1_04	8	892	(+)	NW	TAAAAATGC
						TAAAAAATTGGCATA-
M00135	V\$OCT1_01	0.85826	893	(-)	NNNNWTATGCAAATNTNNN	TAAAA
M00162	V\$OCT1_06	0.9375	895	(+)	CWNAWTKWSATRYN	AAAATTGGCATATA
		0.79039				
M00195	V\$OCT1_Q6	3	895	(-)	NNNNATGCAAATNAN	AAAATTGGCATATAA
		0.78722				
M00136	V\$OCT1_02	3	897	(-)	NNGAATATKCANNNN	AATTGGCATATAAAAA
		0.90290				
M00248	V\$OCT1_07	4	897	(-)	TNTATGNTAATT	AATTGGCATATA
						CATA-
		0.85487			NNNNNNNWATGCAAATNNNWN	TAAAAATGCTAATTATAAA
M00138	V\$OCT1_04	2	903	(+)	NW	A
		0.82048				TA-
M00135	V\$OCT1_01	8	905	(+)	NNNNWTATGCAAATNTNNN	TAAAAATGCTAATTATAA
		0.77449				
M00136	V\$OCT1_02	9	905	(+)	NNGAATATKCANNNN	TATAAAATGCTAATT
		0.86162				
M00195	V\$OCT1_Q6	7	907	(+)	NNNNATGCAAATNAN	TAAAAATGCTAATTAT
		0.95915				
M00161	V\$OCT1_05	7	908	(-)	MKNATTTGCATAYY	AAAATGCTAATTAT
		0.83984				
M00162	V\$OCT1_06	4	908	(-)	CWNAWTKWSATRYN	AAAATGCTAATTAT
		0.92177				
M00248	V\$OCT1_07	2	908	(+)	TNTATGNTAATT	AAAATGCTAATT
		0.83772			NNNNNNNWATGCAAATNNNWN	AAATGCTAATTATAAAA-
M00138	V\$OCT1_04	5	909	(+)	NW	TAAACA
		0.87949				
M00137	V\$OCT1_03	4	911	(+)	NNNRTAATNANNN	ATGCTAATTATAA
		0.89332				
M00137	V\$OCT1_03	3	912	(-)	NNNRTAATNANNN	TGCTAATTATAAA
		0.77070				
M00136	V\$OCT1_02	9	928	(+)	NNGAATATKCANNNN	AACAAAATGTAATAA
		0.88671				
M00162	V\$OCT1_06	9	930	(+)	CWNAWTKWSATRYN	CAAAATGTAATAAT
		0.87070				
M00162	V\$OCT1_06	3	931	(-)	CWNAWTKWSATRYN	AAAATGTAATAATA
		0.86092				
M00137	V\$OCT1_03	5	933	(+)	NNNRTAATNANNN	AATGTAATAATAC
		0.86054				
M00162	V\$OCT1_06	7	951	(+)	CWNAWTKWSATRYN	CTACATGTAATGAA
		0.81550				
M00195	V\$OCT1_Q6	2	951	(+)	NNNNATGCAAATNAN	CTACATGTAATGAAC
		0.93984				
M00162	V\$OCT1_06	4	952	(-)	CWNAWTKWSATRYN	TACATGTAATGAAC
		0.88344				
M00137	V\$OCT1_03	5	954	(+)	NNNRTAATNANNN	CATGTAATGAACT

M00136	V\$OCT1_02	0.77883 1	964	(-)	NNGAATATKCANNNN	ACTCTGAGTATTATA
M00162	V\$OCT1_06	0.80585 9	981	(+)	CWNAWTKWSATRYN	CTTTTTTGAAGTCT TCTT-
M00138	V\$OCT1_04	0.88603 1	992	(+)	NNNNNNNWATGCAAATNNNWN NW	GACAATGAAAATTTATTT A
M00135	V\$OCT1_01	0.75982 4	994	(+)	NNNNWTATGCAAATNTNNN	TTGACAATGAAAATTTAT T
M00137	V\$OCT1_03	0.86843 1	994	(+)	NNNRTAATNANNN	TTGACAATGAAAA
M00162	V\$OCT1_06	0.82929 7	996	(+)	CWNAWTKWSATRYN	GACAATGAAAATTT
M00136	V\$OCT1_02	0.78857 6	997	(-)	NNGAATATKCANNNN	ACAATGAAAATTTAT
M00162	V\$OCT1_06	0.80429 7	997	(-)	CWNAWTKWSATRYN	ACAATGAAAATTTA
M00248	V\$OCT1_07	0.82425 3	997	(+)	TNTATGNTAATT	ACAATGAAAATT
M00136	V\$OCT1_02	0.82728 7	1000	(+)	NNGAATATKCANNNN	ATGAAAATTTATTTA
M00138	V\$OCT1_04	0.78962 8	1002	(+)	NNNNNNNWATGCAAATNNNWN NW	GAAAATTTATTTA- GACTTTTATA
M00195	V\$OCT1_Q6	0.80349 3	1039	(+)	NNNNATGCAAATNAN	AGTAAACAAATTAC
M00162	V\$OCT1_06	0.85273 4	1041	(-)	CWNAWTKWSATRYN	TAAACAAATTACG
M00137	V\$OCT1_03	0.89845 9	1044	(-)	NNNRTAATNANNN	AACAAATTACGAA
M00195	V\$OCT1_Q6	0.79476 9	1046	(+)	NNNNATGCAAATNAN	CAAATTACGAATTAG
M00138	V\$OCT1_04	0.81304 9	1049	(-)	NNNNNNNWATGCAAATNNNWN NW	ATTACGAATTAG- CATCCATGAGA
M00135	V\$OCT1_01	0.80923 3	1051	(-)	NNNNWTATGCAAATNTNNN	TACGAATTAG- CATCCATGA
M00195	V\$OCT1_Q6	0.85562 2	1053	(-)	NNNNATGCAAATNAN	CGAATTAGCATCCAT
M00248	V\$OCT1_07	0.90481 2	1055	(-)	TNTATGNTAATT	AATTAGCATCCA
M00138	V\$OCT1_04	0.79192 8	1069	(+)	NNNNNNNWATGCAAATNNNWN NW	AGAAAAA- TATAGAAAAAATTTCT
M00162	V\$OCT1_06	0.84218 7	1083	(-)	CWNAWTKWSATRYN	AAAATTTCTTAATG
M00162	V\$OCT1_06	0.82109 4	1085	(+)	CWNAWTKWSATRYN	AATTTCTTAATGTA
M00137	V\$OCT1_03	0.84670 1	1088	(+)	NNNRTAATNANNN	TTCTTAATGTAGT
M00162	V\$OCT1_06	0.83984 4	1090	(+)	CWNAWTKWSATRYN	CTTAATGTAGTTG
M00135	V\$OCT1_01	0.74418 2	1094	(-)	NNNNWTATGCAAATNTNNN	ATGTAGTTT- GCAAATCTGG
M00135	V\$OCT1_01	0.84299 9	1095	(+)	NNNNWTATGCAAATNTNNN	TGTAGTTT- GCAAATCTGGG
M00195	V\$OCT1_Q6	0.84279 5	1096	(-)	NNNNATGCAAATNAN	GTAGTTTGCAAATCT
M00195	V\$OCT1_Q6	0.81086 2	1097	(+)	NNNNATGCAAATNAN	TAGTTTGCAAATCTG
M00162	V\$OCT1_06	0.86054 7	1098	(-)	CWNAWTKWSATRYN	AGTTTGCAAATCTG
M00162	V\$OCT1_06	0.80078 1	1105	(+)	CWNAWTKWSATRYN	AAATCTGGGATTGA AA-
M00138	V\$OCT1_04	0.82120 5	1164	(+)	NNNNNNNWATGCAAATNNNWN NW	GAACCTATAAAAATGCAA CAA
M00137	V\$OCT1_03	0.84116 9	1169	(+)	NNNRTAATNANNN	CTTATAAAAATGC

M00138	V\$OCT1_04	0.82852 4	1170	(+)	NNNNNNNWATGCAAATNNNWN NW	TTATAAAATGCAACAAA ACAAA
M00136	V\$OCT1_02	0.84596 6	1172	(+)	NNGAATATKCANNNN	ATAAAATGCAACAA
M00162	V\$OCT1_06	0.89843 7	1191	(+)	CWNAWTKWSATRYN	AACCATTTAATACA
M00162	V\$OCT1_06	0.82929 7	1192	(-)	CWNAWTKWSATRYN	ACCATTTAATACAT
M00162	V\$OCT1_06	0.82890 6	1195	(+)	CWNAWTKWSATRYN	ATTTAATACATTTT
M00138	V\$OCT1_04	0.78272 7	1214	(+)	NNNNNNNWATGCAAATNNNWN NW	AAAA- TAGTATGTATTTTATTTA
M00136	V\$OCT1_02	0.78207 9	1216	(+)	NNGAATATKCANNNN	AATAGTATGTATTTT
M00162	V\$OCT1_06	0.86796 9	1219	(-)	CWNAWTKWSATRYN	AGTATGTATTTTAT
M00162	V\$OCT1_06	0.82148 4	1222	(+)	CWNAWTKWSATRYN	ATGTATTTTATTTT
M00162	V\$OCT1_06	0.81210 9	1223	(-)	CWNAWTKWSATRYN	TGTATTTTATTTTA
M00248	V\$OCT1_07	0.83654 9	1223	(+)	TNTATGNTAATT	TGTATTTTATTT
M00135	V\$OCT1_01	0.73159 1	1230	(+)	NNNNWTATGCAAATNTNNN	TATTTTATGC- TACAAGGAG
M00162	V\$OCT1_06	0.80585 9	1294	(-)	CWNAWTKWSATRYN	TAAATCACCGAGAG AGAAAATAAGCATAGTG-
M00135	V\$OCT1_01	0.79549 8	1330	(-)	NNNNWTATGCAAATNTNNN	TA
M00136	V\$OCT1_02	0.77098 0.77558	1331	(+)	NNGAATATKCANNNN	GAAAAATAAGCATAGT
M00136	V\$OCT1_02	2	1334	(-)	NNGAATATKCANNNN	AATAAGCATAGTGTA
M00248	V\$OCT1_07	0.88276 4	1334	(-)	TNTATGNTAATT	AATAAGCATAGT
M00162	V\$OCT1_06	0.84726 6	1350	(-)	CWNAWTKWSATRYN	GATCTCTAAAATTG
M00137	V\$OCT1_03	0.87396 3	1381	(-)	NNNRTAATNANNN	ATAACATTAGGCA GAA-
M00135	V\$OCT1_01	0.78519 6	1469	(+)	NNNNWTATGCAAATNTNNN	GAAATGCTAAAATGAA
M00162	V\$OCT1_06	0.83476 6	1472	(-)	CWNAWTKWSATRYN	GAAATGCTAAAATG
M00162	V\$OCT1_06	0.80078 1	1503	(-)	CWNAWTKWSATRYN	GAAATAAAAAGATAT
M00136	V\$OCT1_02	0.81700 1	1524	(+)	NNGAATATKCANNNN	ACAAACATTCATGAA
M00162	V\$OCT1_06	0.80429 7	1525	(+)	CWNAWTKWSATRYN	CAAACATTCATGAA
M00138	V\$OCT1_04	0.81890 4	1526	(+)	NNNNNNNWATGCAAATNNNWN NW	AAACATTCATGAAAATCA CTTAG
M00135	V\$OCT1_01	0.73578 8	1528	(+)	NNNNWTATGCAAATNTNNN	ACATTCATGAAAATCACT T
M00162	V\$OCT1_06	0.80820 3	1530	(+)	CWNAWTKWSATRYN	ATTCATGAAAATCA
M00195	V\$OCT1_Q6	0.88755 5	1530	(+)	NNNNATGCAAATNAN	ATTCATGAAAATCAC
M00162	V\$OCT1_06	0.86054 7	1531	(-)	CWNAWTKWSATRYN	TTCATGAAAATCAC
M00162	V\$OCT1_06	0.80820 3	1537	(-)	CWNAWTKWSATRYN	AAAATCACTTAGTT
M00138	V\$OCT1_04	0.7867 0.81367	1554	(+)	NNNNNNNWATGCAAATNNNWN NW	TAGAGAAAAGA- TAAAAATAAAGT
M00162	V\$OCT1_06	2	1566	(-)	CWNAWTKWSATRYN	AAAAATAAAGTATT
M00162	V\$OCT1_06	0.82382 8	1573	(+)	CWNAWTKWSATRYN	AAGTATTACCTTCT

M00162	V\$OCT1_06	0.83437 5	1574	(-)	CWNAWTKWSATRYN	AGTATTACCTTCTT
M00138	V\$OCT1_04	0.78879 1	1579	(-)	NNNNNNNWATGCAAATNNNWN	TACCTTCTTCTTCAT-
M00138	V\$OCT1_04	0.78356 3	1580	(+)	NNNNNNNWATGCAAATNNNWN	ATACATTG
M00195	V\$OCT1_Q6	0.79394 1	1585	(-)	NNNNATGCAAATNAN	ACCTTCTTCTTCAT-
M00162	V\$OCT1_06	0.80078 1	1640	(+)	CWNAWTKWSATRYN	ATACATTGT
M00135	V\$OCT1_01	0.73616 9	1644	(-)	NNNNWTATGCAAATNTNNN	CTTCTTCATATACAT
M00162	V\$OCT1_06	0.91679 7	1646	(+)	CWNAWTKWSATRYN	AGAACTGAAACTTT
M00162	V\$OCT1_06	0.81601 6	1647	(-)	CWNAWTKWSATRYN	CTGAAACTTTAATATTTTG
M00136	V\$OCT1_02	0.77774 8	1648	(-)	NNGAATATKCANNNN	GAAACTTTAATATT
M00162	V\$OCT1_06	0.87773 4	1680	(-)	CWNAWTKWSATRYN	AAACTTTAATATTT
M00162	V\$OCT1_06	0.81601 6	1683	(+)	CWNAWTKWSATRYN	AACTTTAATATTTTG
M00138	V\$OCT1_04	0.80175 7	1694	(+)	NNNNNNNWATGCAAATNNNWN	AGAATCTAAGACAT
M00138	V\$OCT1_04	0.79548 3	1695	(-)	NNNNNNNWATGCAAATNNNWN	ATCTAAGACATATC
M00137	V\$OCT1_03	0.85302 3	1696	(+)	NNNRATATNANNN	ATCTGGCAA-
M00195	V\$OCT1_Q6	0.79912 7	1698	(+)	NNNNATGCAAATNAN	TAAAAATTAATAAA
M00138	V\$OCT1_04	0.82789 6	1700	(+)	NNNNNNNWATGCAAATNNNWN	TCTGGCAA-
M00138	V\$OCT1_04	0.78690 9	1704	(+)	NNNNNNNWATGCAAATNNNWN	TAAAAATTAATAAAT
M00162	V\$OCT1_06	0.80820 3	1704	(-)	CWNAWTKWSATRYN	CTGGCAATAAAAA
M00248	V\$OCT1_07	0.79351 3	1707	(-)	TNTATGNTAATT	GGCAATAAAAAATTAA
M00138	V\$OCT1_04	0.80029 3	1708	(+)	NNNNNNNWATGCAAATNNNWN	CAATAAAAAATTAATAAA-
M00137	V\$OCT1_03	0.84788 6	1709	(+)	NNNRATATNANNN	TAAATA
M00138	V\$OCT1_04	0.81409 5	1709	(-)	NNNNNNNWATGCAAATNNNWN	AAAAATTAATAAATAAA-
M00162	V\$OCT1_06	0.85507 8	1711	(+)	CWNAWTKWSATRYN	TATTTT
M00136	V\$OCT1_02	0.84028 2	1713	(-)	NNGAATATKCANNNN	AAAAATTAATAAAT
M00138	V\$OCT1_04	0.82266 8	1714	(+)	NNNNNNNWATGCAAATNNNWN	AATAAATAAATATT
M00136	V\$OCT1_02	0.77260 4	1716	(+)	NNGAATATKCANNNN	TAAATAAATATTTTTT
M00138	V\$OCT1_04	0.83605 2	1716	(-)	NNNNNNNWATGCAAATNNNWN	AAATAAATATTTTTTAA-
M00162	V\$OCT1_06	0.80585 9	1720	(+)	CWNAWTKWSATRYN	TAAGTAA
M00137	V\$OCT1_03	0.85894 9	1723	(+)	NNNRATATNANNN	ATAAATATTTTTAAT
M00135	V\$OCT1_01	0.74494 5	1725	(+)	NNNNWTATGCAAATNTNNN	ATAAATATTTTTTAA-
M00195	V\$OCT1_Q6	0.79093 9	1727	(+)	NNNNATGCAAATNAN	TAAGTAAAT
M00162	V\$OCT1_06	0.80820 3	1740	(+)	CWNAWTKWSATRYN	ATATTTTTAATAAG
M00162	V\$OCT1_06	0.80078 1	1741	(+)	CWNAWTKWSATRYN	TTTTTAATAAGTA

M00138	V\$OCT1_04	0.78189 0.78857	1742	(-)	NNNNNNNWATGCAAATNNNWN NW	TCACTTAATTTTCTG- TAAGTAT
M00136	V\$OCT1_02	6 0.80429	1806	(-)	NNGAATATKCANNNN	ACTGTGAATAAGATG
M00162	V\$OCT1_06	7 0.79351	1828	(+)	CWNAWKWSATRYN	TGAAATAAGATATA
M00248	V\$OCT1_07	3 0.86289	1830	(-)	TNTATGNTAATT	AAATAAGATATA
M00162	V\$OCT1_06	1 0.79130	1884	(+)	CWNAWKWSATRYN	TAACTTGAAATGTA
M00138	V\$OCT1_04	1 0.83710	1885	(+)	NNNNNNNWATGCAAATNNNWN NW	AACTTGAAATGTAAGAT- TAATGA
M00162	V\$OCT1_06	9 0.86171	1890	(-)	CWNAWKWSATRYN	GAAATGTAAGATTA
M00137	V\$OCT1_03	5 0.77585	1898	(+)	NNNRTAATNANNN	AGATTAATGAGTA
M00136	V\$OCT1_02	3	1901	(-)	NNGAATATKCANNNN	TTAATGAGTAATAGT
M00137	V\$OCT1_03	0.8629 0.76039	1905	(+)	NNNRTAATNANNN	TGAGTAATAGTAA GGCCGTATGA-
M00135	V\$OCT1_01	7 0.86054	1929	(+)	NNNNWTATGCAAATNTNNN	TAAAATGTC
M00162	V\$OCT1_06	7 0.81597	1932	(-)	CWNAWKWSATRYN	CGTATGATAAAATG
M00138	V\$OCT1_04	7 0.85926	1935	(+)	NNNNNNNWATGCAAATNNNWN NW	ATGATAAAATGTC- TATTAATATT
M00138	V\$OCT1_04	4 0.78803	1941	(+)	NNNNNNNWATGCAAATNNNWN NW	AAATGTCTATTAA- TATTTTCTA
M00136	V\$OCT1_02	5 0.79101	1946	(-)	NNGAATATKCANNNN	TCTATTAATATTTTT
M00136	V\$OCT1_02	2 0.89843	1949	(+)	NNGAATATKCANNNN	ATTAATATTTTCTA
M00162	V\$OCT1_06	7 0.78690	2052	(+)	CWNAWKWSATRYN	GAGTCTTAGATATT
M00138	V\$OCT1_04	9 0.79454	2056	(-)	NNNNNNNWATGCAAATNNNWN NW	CTTAGATATTT- GTATTATACACT
M00135	V\$OCT1_01	4 0.80546	2058	(-)	NNNNWTATGCAAATNTNNN	TAGATATTTGTATTATACA
M00162	V\$OCT1_06	9 0.80585	2061	(+)	CWNAWKWSATRYN	ATATTTGTATTATA
M00162	V\$OCT1_06	9 0.80133	2077	(+)	CWNAWKWSATRYN	CTATCTTTGGTTTC
M00138	V\$OCT1_04	8 0.79004	2103	(+)	NNNNNNNWATGCAAATNNNWN NW	GTAATTCTACTTAAA- TAAGAAAA
M00138	V\$OCT1_04	6 0.80886	2104	(-)	NNNNNNNWATGCAAATNNNWN NW	TAATTCTACTTAAATAA- GAAAT
M00138	V\$OCT1_04	7 0.75467	2111	(+)	NNNNNNNWATGCAAATNNNWN NW	ACTTAAATAAGAAAA- TAGATTGA
M00135	V\$OCT1_01	4 0.80664	2113	(+)	NNNNWTATGCAAATNTNNN	TTAAATAAGAAAA- TAGATT
M00162	V\$OCT1_06	1 0.82382	2126	(+)	CWNAWKWSATRYN	TAGATTGACAAGTA
M00162	V\$OCT1_06	8 0.82929	2132	(-)	CWNAWKWSATRYN	GACAAGTAATACAC
M00162	V\$OCT1_06	7 0.79192	2194	(+)	CWNAWKWSATRYN	CATCCTTGCCTGCC
M00138	V\$OCT1_04	8 0.78168	2230	(+)	NNNNNNNWATGCAAATNNNWN NW	AGAGGTAAATACAGAAA AAATGT
M00138	V\$OCT1_04	1 0.79025	2241	(+)	NNNNNNNWATGCAAATNNNWN NW	CAGAAAAAATGTTGAAA- TAAATA
M00138	V\$OCT1_04	5 0.79004	2243	(+)	NNNNNNNWATGCAAATNNNWN NW	GAAAAAATGTTGAAA- TAAATAAG
M00138	V\$OCT1_04	6 0.73616	2268	(-)	NNNNNNNWATGCAAATNNNWN NW	TAGTACTATCTGCC- TATGTGTAG
M00135	V\$OCT1_01	9	2270	(-)	NNNNWTATGCAAATNTNNN	GTACTATCTGCCTATGTGT

M00162	V\$OCT1_06	0.84765 6	2291	(-)	CWNAWTKWSATRYN	AAAATCGCATTACC
M00137	V\$OCT1_03	0.87514 8	2294	(-)	NNNRTAATNANNN	ATCGCATTACCAA
M00138	V\$OCT1_04	0.80823 9	2307	(+)	NNNNNNNWATGCAAATNNNWN NW	CATTGTAAATGTATAAA- TAATGC
M00195	V\$OCT1_Q6	0.81659 4	2313	(+)	NNNNATGCAAATNAN	AAATGTATAAATAAT
M00138	V\$OCT1_04	0.79841 1	2318	(+)	NNNNNNNWATGCAAATNNNWN NW	TATAAA- TAATGCACAATCTCAGA
M00136	V\$OCT1_02	0.78316 2	2323	(-)	NNGAATATKCANNNN	ATAATGCACAATCTC
M00162	V\$OCT1_06	0.80429 7	2329	(+)	CWNAWTKWSATRYN	CACAATCTCAGATT
M00162	V\$OCT1_06	0.82148 4	2330	(-)	CWNAWTKWSATRYN	ACAATCTCAGATTT
M00162	V\$OCT1_06	0.84765 6	2331	(+)	CWNAWTKWSATRYN	CAATCTCAGATTTT
M00138	V\$OCT1_04	0.81304 9	2338	(-)	NNNNNNNWATGCAAATNNNWN NW	AGATTTTTTTT- GAATGCTAAGAA
M00162	V\$OCT1_06	0.83437 5	2342	(+)	CWNAWTKWSATRYN	TTTTTTGAATGCT
M00138	V\$OCT1_04	0.81472 2	2343	(+)	NNNNNNNWATGCAAATNNNWN NW	TTTTTTGAATGCTAA- GAAAGTCA
M00162	V\$OCT1_06	0.84218 7	2356	(+)	CWNAWTKWSATRYN	AAGAAAGTCATTTA
M00162	V\$OCT1_06	0.85507 8	2357	(-)	CWNAWTKWSATRYN	AGAAAGTCATTTAC
M00162	V\$OCT1_06	0.83437 5	2362	(+)	CWNAWTKWSATRYN	GTCATTTACGTTCA
M00195	V\$OCT1_Q6	0.83351 5	2362	(-)	NNNNATGCAAATNAN	GTCATTTACGTTTAT
M00059	V\$YY1_01	0.79030 1	3	(-)	NNNNNCCATNTWNNNWN	CCTTTAAATGCTCCCC
M00059	V\$YY1_01	0.85616 47	(+)	NNNNNCCATNTWNNNWN	AGAATTCATTTTCTAAT	
M00059	V\$YY1_01	0.78964 6	159	(+)	NNNNNCCATNTWNNNWN	TCAGATCATTATCCATT
M00059	V\$YY1_01	0.78997 4	233	(+)	NNNNNCCATNTWNNNWN	TAATTTTATTGTATCTG
M00059	V\$YY1_01	0.77686 8	249	(+)	NNNNNCCATNTWNNNWN	GCTACTCATCTTTATTT
M00059	V\$YY1_01	0.79194 517	(-)	NNNNNCCATNTWNNNWN	TTTATACTATGGGAATT	
M00059	V\$YY1_01	0.79783 7	579	(+)	NNNNNCCATNTWNNNWN	AGCTAGCATATTTAGTC
M00059	V\$YY1_01	0.78342 1	830	(-)	NNNNNCCATNTWNNNWN	AATGAAAAATGTGATCT
M00059	V\$YY1_01	0.78014 4	879	(-)	NNNNNCCATNTWNNNWN	GTAATGAAATGGCTTAA
M00059	V\$YY1_01	0.77686 8	897	(+)	NNNNNCCATNTWNNNWN	AATTGGCATATAAAATG
M00059	V\$YY1_01	0.81356 5	903	(-)	NNNNNCCATNTWNNNWN	CATATAAAATGCTAATT
M00059	V\$YY1_01	0.82634 3	947	(-)	NNNNNCCATNTWNNNWN	CTCCCTACATGTAATGA
M00059	V\$YY1_01	0.78702 5	948	(+)	NNNNNCCATNTWNNNWN	TCCCTACATGTAATGAA
M00059	V\$YY1_01	0.80275 2	1021	(+)	NNNNNCCATNTWNNNWN	TATAGACATCTTGATA
M00059	V\$YY1_01	0.77588 5	1086	(-)	NNNNNCCATNTWNNNWN	ATTCTTAATGTAGTTT
M00059	V\$YY1_01	0.81585 8	1101	(-)	NNNNNCCATNTWNNNWN	TTGCAAATCTGGGATTG
M00059	V\$YY1_01	0.82175 6	1127	(-)	NNNNNCCATNTWNNNWN	GTCAAGAGATGTTGATG

M00059	V\$YY1_01	0.81880 7	1145	(+)	NNNNNCCATNTWNNNWN	CAAGAACATTTTTTTTT
M00059	V\$YY1_01	0.82470 5	1188	(+)	NNNNNCCATNTWNNNWN	ACAAACCATTTAATACA
M00059	V\$YY1_01	0.77686 8	1340	(-)	NNNNNCCATNTWNNNWN	CATAGTGTATGATCTCT
M00059	V\$YY1_01	0.80308 0.78931	1439	(-)	NNNNNCCATNTWNNNWN	AAGAAAACATGTGGATC
M00059	V\$YY1_01	8	1449	(-)	NNNNNCCATNTWNNNWN	GTGGATCAATGGAACAA
M00059	V\$YY1_01	0.78637 0.77916	1475	(-)	NNNNNCCATNTWNNNWN	ATGCTAAAATGAAACAG
M00059	V\$YY1_01	1	1523	(+)	NNNNNCCATNTWNNNWN	GACAAACATTCATGAAA
M00059	V\$YY1_01	0.77326 0.79718	1585	(+)	NNNNNCCATNTWNNNWN	CTTCTTCATATACATTG
M00059	V\$YY1_01	2	1591	(+)	NNNNNCCATNTWNNNWN	CATATACATTGTTTGAT
M00059	V\$YY1_01	0.77129 8	1688	(-)	NNNNNCCATNTWNNNWN	AGACATATCTGGCAATA AAACATCTG-
M00069	V\$YY1_02	0.77436 6	1855	(-)	NNNCGGCCATCTGNCTSNW	GATGGCTGGCA
M00059	V\$YY1_01	0.80013 1	1935	(-)	NNNNNCCATNTWNNNWN	ATGATAAAATGTCTATT
M00069	V\$YY1_02	0.77204 6	1981	(+)	NNNCGGCCATCTGNCTSNW	TTTTTGCCATGAGGTTT- GCA
M00059	V\$YY1_01	0.83322 4	2023	(-)	NNNNNCCATNTWNNNWN	GATCAAACCTGGGCTCC
M00059	V\$YY1_01	0.77686 8	2148	(+)	NNNNNCCATNTWNNNWN	TTTCCTCATCTTCCCAT
M00059	V\$YY1_01	0.80570 1	2241	(-)	NNNNNCCATNTWNNNWN	CAGAAAAAATGTTGAAA
M00059	V\$YY1_01	0.77522 9	2301	(+)	NNNNNCCATNTWNNNWN	TACCAACATTGTAAATG
M00059	V\$YY1_01	0.83519 0.77195	2358	(+)	NNNNNCCATNTWNNNWN	GAAAGTCATTTACGTTC
M00059	V\$YY1_01	3	2368	(+)	NNNNNCCATNTWNNNWN	TACGTTCATCCACTATC
CSN3 Bos Tarus						
M0025						
2	V\$TATA_01	0.78508	7	(+)	STATAAAWRNNNNNN	AGATAAATCTCATGA
M0021		0.84895				
6	V\$TATA_C	7	142	(+)	NCTATAAAAR	ACATTAAAAAC
M0025		0.77467				
2	V\$TATA_01	6	142	(+)	STATAAAWRNNNNNN	ACATTAAAAACATTCA
M0021		0.76472				
6	V\$TATA_C	1	150	(+)	NCTATAAAAR	ACATTCAAAG
M0021		0.77422				
6	V\$TATA_C	8	209	(+)	NCTATAAAAR	ATTTTAGAAG
M0021		0.79297				
6	V\$TATA_C	6	306	(+)	NCTATAAAAR	TCTGTATAAT
M0021						
6	V\$TATA_C	0.77766	319	(+)	NCTATAAAAR	ATGATAAAAT
M0021		0.86268				
6	V\$TATA_C	8	398	(+)	NCTATAAAAR	TTCTTAAAAA
M0021		0.84103				
6	V\$TATA_C	5	399	(+)	NCTATAAAAR	TCTTAAAAAA
M0021						
6	V\$TATA_C	0.79324	400	(+)	NCTATAAAAR	CTTAAAAAAA
M0025		0.77975				
2	V\$TATA_01	1	447	(+)	STATAAAWRNNNNNN	AGACAAATGTGGAGG
M0025		0.77315				
2	V\$TATA_01	4	467	(+)	STATAAAWRNNNNNN	CTTTTtagGAAGATG
M0021		0.74359				
6	V\$TATA_C	7	517	(+)	NCTATAAAAR	ATTTCAAAAT
M0021						
6	V\$TATA_C	0.80037	564	(+)	NCTATAAAAR	AGTATACAAC

M0021		0.95590				
6	V\$TATA_C	2	572	(+)	NCTATAAAAR	ACTTTAAAAA
M0021		0.76762				
6	V\$TATA_C	6	573	(+)	NCTATAAAAR	CTTTAAAAAA
M0025		0.84039				
2	V\$TATA_01	6	573	(+)	STATAAAWRNNNNNN	CTTTAAAAATAACA
M0021						
6	V\$TATA_C	0.77634	574	(+)	NCTATAAAAR	TTTAAAAAAT
M0021						
6	V\$TATA_C	0.77766	602	(+)	NCTATAAAAR	TTCATGAAAG
M0021		0.79033				
6	V\$TATA_C	5	727	(+)	NCTATAAAAR	TGCTAAAAAG
M0021		0.77422				
6	V\$TATA_C	8	752	(+)	NCTATAAAAR	ATTTTACAAG
M0021		0.90863				
6	V\$TATA_C	5	801	(+)	NCTATAAAAR	ATTATAAAAA
M0025		0.83912				
2	V\$TATA_01	7	802	(+)	STATAAAWRNNNNNN	TTATAAAAAATTCCA
M0025		0.78203				
2	V\$TATA_01	5	804	(+)	STATAAAWRNNNNNN	ATAAAAAATTCCATG
M0021		0.83390				
6	V\$TATA_C	5	823	(+)	NCTATAAAAR	ACCATAGAAA
M0021		0.86691				
6	V\$TATA_C	3	849	(+)	NCTATAAAAR	ATCTTAAAAAG
M0021		0.77185				
6	V\$TATA_C	1	920	(+)	NCTATAAAAR	AGCTTAATAA
M0021		0.77607				
6	V\$TATA_C	6	921	(+)	NCTATAAAAR	GCTTAATAAG
M0021		0.83205				
6	V\$TATA_C	7	953	(+)	NCTATAAAAR	ACCACAAAAA
M0025		0.77924				
2	V\$TATA_01	4	954	(+)	STATAAAWRNNNNNN	CCACAAAAAAGAAAT
M0021		0.77053				
6	V\$TATA_C	1	1002	(+)	NCTATAAAAR	TCAATACAAT
M0021						
6	V\$TATA_C	0.7568	1013	(+)	NCTATAAAAR	GCAATCAAAT
M0021		0.75336				
6	V\$TATA_C	7	1037	(+)	NCTATAAAAR	ACATTAAATA
M0025		0.79548				
2	V\$TATA_01	3	1038	(+)	STATAAAWRNNNNNN	CATTAAATAAACATG
M0025		0.79802				
2	V\$TATA_01	1	1078	(+)	STATAAAWRNNNNNN	TTATATATTAAATCT
M0025		0.77213				
2	V\$TATA_01	9	1082	(+)	STATAAAWRNNNNNN	ATATTAAATCTATTT
M0021		0.76868				
6	V\$TATA_C	2	1152	(+)	NCTATAAAAR	TCAATGAAAT
M0021		0.77660				
6	V\$TATA_C	4	1323	(+)	NCTATAAAAR	TCTTTATCAA
M0025		0.77112				
2	V\$TATA_01	4	1324	(+)	STATAAAWRNNNNNN	CTTTATCAAGCCTGA
M0021		0.76868				
6	V\$TATA_C	2	1359	(+)	NCTATAAAAR	AGTCTATAAA
M0025		0.77569				
2	V\$TATA_01	1	1360	(+)	STATAAAWRNNNNNN	GTCTATAAAACTCAG
M0021		0.96223				
6	V\$TATA_C	9	1361	(+)	NCTATAAAAR	TCTATAAAAC
M0025						
2	V\$TATA_01	0.88607	1362	(+)	STATAAAWRNNNNNN	CTATAAAACTCAGTT
M0021		0.87985				
6	V\$TATA_C	2	1390	(+)	NCTATAAAAR	TCTATACAAG
M0025						
2	V\$TATA_01	0.7932	1391	(+)	STATAAAWRNNNNNN	CTATACAAGCATGAT
M0021		0.85476				
6	V\$TATA_C	6	1413	(+)	NCTATAAAAR	GCTATAACAA
M0025		0.81197				
2	V\$TATA_01	7	1414	(+)	STATAAAWRNNNNNN	CTATAACAAGATGTA

M0021		0.74306				
6	V\$TATA_C	8	1428	(+)	NCTATAAAAR	AGTATTTAAT
M0021		0.77660				
6	V\$TATA_C	4	1435	(+)	NCTATAAAAR	AATTTATAAA
M0025		0.85587				
2	V\$TATA_01	4	1436	(+)	STATAAAWRNNNNNN	ATTTATAAATGCAAG
M0021		0.80512				
6	V\$TATA_C	3	1437	(+)	NCTATAAAAR	TTTATAAATG
M0025		0.87439				
2	V\$TATA_01	7	1438	(+)	STATAAAWRNNNNNN	TTATAAATGCAAGAT
M0021		0.88302				
6	V\$TATA_C	1	1461	(+)	NCTATAAAAR	ATTTTAAAAA
M0021		0.75072				
6	V\$TATA_C	6	1462	(+)	NCTATAAAAR	TTTTAAAAAT
M0025		0.81933				
2	V\$TATA_01	5	1462	(+)	STATAAAWRNNNNNN	TTTTAAAAATCTAAA
M0021		0.77660				
6	V\$TATA_C	4	1488	(+)	NCTATAAAAR	TCTTTCTAAA
M0021		0.80195				
6	V\$TATA_C	4	1490	(+)	NCTATAAAAR	TTTCTAAAAA
M0021		0.75204				
6	V\$TATA_C	6	1491	(+)	NCTATAAAAR	TTCTAAAAAG
M0025		0.77543				
2	V\$TATA_01	8	1491	(+)	STATAAAWRNNNNNN	TTCTAAAAAGACAAT
M0021		0.74465				
6	V\$TATA_C	3	1492	(+)	NCTATAAAAR	TCTAAAAAGA
M0021		0.75019				
6	V\$TATA_C	8	1510	(+)	NCTATAAAAR	CTTTTCAAAT
M0025		0.83481				
2	V\$TATA_01	3	1521	(+)	STATAAAWRNNNNNN	AAATAAATAGGTATT
M0021		0.84288				
6	V\$TATA_C	4	1553	(+)	NCTATAAAAR	TCTTTAGAAA
M0021		0.81278				
6	V\$TATA_C	1	1595	(+)	NCTATAAAAR	TCCAGAAAAC
M0021		0.74887				
6	V\$TATA_C	8	1629	(+)	NCTATAAAAR	TTCATTAAAT
M0021		0.74306				
6	V\$TATA_C	8	1630	(+)	NCTATAAAAR	TCATTAAATT
M0021		0.81779				
6	V\$TATA_C	8	1650	(+)	NCTATAAAAR	ATTATATAAC
M0025		0.79852				
2	V\$TATA_01	8	1651	(+)	STATAAAWRNNNNNN	TTATATAACTTATGA
M0021		0.78663				
6	V\$TATA_C	9	1681	(+)	NCTATAAAAR	ATTATGAAAA
M0025		0.83709				
2	V\$TATA_01	7	1784	(+)	STATAAAWRNNNNNN	TTATTTATAGGCAAA
M0025		0.80334				
2	V\$TATA_01	9	1786	(+)	STATAAAWRNNNNNN	ATTTATAGGCAAAAA
M0021		0.76287				
6	V\$TATA_C	3	1811	(+)	NCTATAAAAR	GCCAGATAAA
M0025		0.77340				
2	V\$TATA_01	8	1812	(+)	STATAAAWRNNNNNN	CCAGATAAAGGGAAA
M0025		0.81121				
2	V\$TATA_01	5	1814	(+)	STATAAAWRNNNNNN	AGATAAAGGGAAATA
M0021		0.77290				
6	V\$TATA_C	7	1934	(+)	NCTATAAAAR	GCTATCTAAT
M0025		0.78660				
2	V\$TATA_01	2	1955	(+)	STATAAAWRNNNNNN	GCATTTAATGCCTCA
M0021						
6	V\$TATA_C	0.74254	2018	(+)	NCTATAAAAR	CCATTCAAAT
M0025		0.80208				
2	V\$TATA_01	1	2020	(+)	STATAAAWRNNNNNN	ATTCAAATGCCCATG
M0025		0.81502				
2	V\$TATA_01	2	2074	(+)	STATAAAWRNNNNNN	CTATTAATCTCTGCA
M0021		0.74597				
6	V\$TATA_C	3	2116	(+)	NCTATAAAAR	CCTACAGAAA

M0021		0.75706				
6	V\$TATA_C	4	2228	(+)	NCTATAAAAR	TTCCTAAAT
M0021		0.80644				
6	V\$TATA_C	3	2258	(+)	NCTATAAAAR	ACCTTAATAA
M0021		0.78743				
6	V\$TATA_C	1	2259	(+)	NCTATAAAAR	CCTTAATAAG
M0025		0.80842				
2	V\$TATA_01	4	2311	(+)	STATAAAWRNNNNNN	GTACATATGAAACGA
M0025						
2	V\$TATA_01	0.78305	2313	(+)	STATAAAWRNNNNNN	ACATATGAAACGAAT
M0021		0.76762				
6	V\$TATA_C	6	2412	(+)	NCTATAAAAR	CTTTTAATAA
M0021		0.81779				
6	V\$TATA_C	8	2415	(+)	NCTATAAAAR	TTAATAAAAT
M0025		0.79573				
2	V\$TATA_01	7	2441	(+)	STATAAAWRNNNNNN	CTATATCTCCCCCTC
M0021		0.78663				
6	V\$TATA_C	9	2472	(+)	NCTATAAAAR	CCCTTAAATC
M0021		0.76630				
6	V\$TATA_C	6	2481	(+)	NCTATAAAAR	CAAATAAAAC
M0021		0.81462				
6	V\$TATA_C	9	2648	(+)	NCTATAAAAR	TGTATCAAAT
M0021		0.75072				
6	V\$TATA_C	6	2657	(+)	NCTATAAAAR	TTTTTTAAAT
M0021		0.75072				
6	V\$TATA_C	6	2658	(+)	NCTATAAAAR	TTTTTAAATT
M0025		0.77746				
2	V\$TATA_01	8	2711	(+)	STATAAAWRNNNNNN	TTTTATAGAACAAAA
M0021						
6	V\$TATA_C	0.76921	2712	(+)	NCTATAAAAR	TTTATAGAAC
M0021						
6	V\$TATA_C	0.80169	2728	(+)	NCTATAAAAR	GCTACATAAG
M0025		0.78254				
2	V\$TATA_01	3	2729	(+)	STATAAAWRNNNNNN	CTACATAAGTAATTT
M0021		0.80459				
6	V\$TATA_C	5	2762	(+)	NCTATAAAAR	CTTATTAAAG
M0025		0.79802				
2	V\$TATA_01	1	2763	(+)	STATAAAWRNNNNNN	TTATTAAAGTCATAT
M0025		0.78203				
2	V\$TATA_01	5	2805	(+)	STATAAAWRNNNNNN	GAATAAAGAAATCAC
M0021		0.75204				
6	V\$TATA_C	6	2820	(+)	NCTATAAAAR	ACTTTATCAT
M0021		0.74650				
6	V\$TATA_C	1	2829	(+)	NCTATAAAAR	TCTAGAGAAA
M0021		0.80644				
6	V\$TATA_C	3	2839	(+)	NCTATAAAAR	ACCTTTAAAA
M0021		0.94507				
6	V\$TATA_C	5	2840	(+)	NCTATAAAAR	CCTTTAAAT
M0025		0.79091				
2	V\$TATA_01	6	2841	(+)	STATAAAWRNNNNNN	CTTTAAATTCCTAT
M0021		0.79614				
6	V\$TATA_C	5	2887	(+)	NCTATAAAAR	TCCTGAAAAT
M0021		0.74359				
6	V\$TATA_C	7	2897	(+)	NCTATAAAAR	ATTTTTAAAT
M0021		0.75072				
6	V\$TATA_C	6	2898	(+)	NCTATAAAAR	TTTTTAAATT
M0021						
6	V\$TATA_C	0.76921	2905	(+)	NCTATAAAAR	ATTATAATAT
M0025						
2	V\$TATA_01	0.7729	2906	(+)	STATAAAWRNNNNNN	TTATAATATGCACTT
M0021		0.80274				
6	V\$TATA_C	6	2916	(+)	NCTATAAAAR	CACTTAAAT
M0021		0.76630				
6	V\$TATA_C	6	2928	(+)	NCTATAAAAR	TTCACAAAAA
M0025		0.79345				
2	V\$TATA_01	3	2936	(+)	STATAAAWRNNNNNN	AAATAAATATATAAA

M0025		0.78584				
2	V\$TATA_01	1	2940	(+)	STATAAAWRNNNNNN	AAATATATAAACCAT
M0021		0.80221				
6	V\$TATA_C	8	2941	(+)	NCTATAAAAR	AATATATAAA
M0025		0.89951				
2	V\$TATA_01	8	2942	(+)	STATAAAWRNNNNNN	ATATATAAACCATAG
M0021		0.91814				
6	V\$TATA_C	1	3025	(+)	NCTATAAAAR	TCCTTAAAT
M0021		0.75019				
6	V\$TATA_C	8	3086	(+)	NCTATAAAAR	CTTTAATAT
M0025		0.82466				
2	V\$TATA_01	4	3092	(+)	STATAAAWRNNNNNN	ATATTTAAGTGTATT
M0012		0.77062				
6	V\$GATA1_02	5	3	(+)	NNNNNGATANKGNN	AGGAAGATAAATCT
M0012		0.89049				
7	V\$GATA1_03	5	3	(+)	RNSNNGATAANNGN	AGGAAGATAAATCT
M0012		0.90808				
8	V\$GATA1_04	8	4	(+)	NNCWGATARNNNN	GGAAGATAAATCT
M0007		0.81786				
5	V\$GATA1_01	8	5	(+)	SNNGATNNNN	GAAGATAAAT
M0007		0.85385				
6	V\$GATA2_01	7	5	(+)	NNNGATRNNN	GAAGATAAAT
M0007		0.84669				
7	V\$GATA3_01	9	6	(+)	NNGATARNG	AAGATAAAT
M0020		0.94066				
3	V\$GATA_C	5	7	(+)	NGATAAGNMNN	AGATAAATCTC
M0007		0.78479				
5	V\$GATA1_01	8	9	(-)	SNNGATNNNN	ATAAATCTCA
M0007		0.79792				
6	V\$GATA2_01	5	9	(-)	NNNGATRNNN	ATAAATCTCA
M0012		0.79446				
7	V\$GATA1_03	3	27	(-)	RNSNNGATAANNGN	GACACTAACACCCT
M0007		0.83563				
5	V\$GATA1_01	7	29	(-)	SNNGATNNNN	CACTAACACC
M0007						
6	V\$GATA2_01	0.79567	29	(-)	NNNGATRNNN	CACTAACACC
M0012		0.85031				
7	V\$GATA1_03	8	52	(-)	RNSNNGATAANNGN	CTGGTTATTTACCT
M0007		0.77640				
5	V\$GATA1_01	7	116	(+)	SNNGATNNNN	GCTGACGGTC
M0012		0.81014				
7	V\$GATA1_03	2	130	(+)	RNSNNGATAANNGN	GGAAAGGTAATCAC
M0007		0.81194				
5	V\$GATA1_01	5	135	(-)	SNNGATNNNN	GGTAATCACA
M0007		0.82724				
6	V\$GATA2_01	4	135	(-)	NNNGATRNNN	GGTAATCACA
M0012		0.81161				
7	V\$GATA1_03	2	219	(-)	RNSNNGATAANNGN	AACATTTTCTTCCT
M0007		0.79170				
5	V\$GATA1_01	8	255	(-)	SNNGATNNNN	GAATATCCTT
M0007		0.87280				
6	V\$GATA2_01	1	255	(-)	NNNGATRNNN	GAATATCCTT
M0020		0.83038				
3	V\$GATA_C	2	259	(-)	NGATAAGNMNN	ATCCTTTGTCA
M0012		0.79568				
7	V\$GATA1_03	8	260	(-)	RNSNNGATAANNGN	TCCTTTGTCATGAT
M0012		0.78368				
7	V\$GATA1_03	4	266	(+)	RNSNNGATAANNGN	GTCATGATTATGAT
M0007		0.87018				
5	V\$GATA1_01	8	268	(+)	SNNGATNNNN	CATGATTATG
M0007		0.82589				
6	V\$GATA2_01	1	268	(+)	NNNGATRNNN	CATGATTATG
M0007		0.87638				
7	V\$GATA3_01	5	269	(+)	NNGATARNG	ATGATTATG
M0012		0.80312				
6	V\$GATA1_02	5	272	(+)	NNNNNGATANKGNN	ATTATGATATTAGT

M0012						
8	V\$GATA1_04	0.83701	273	(+)	NNCWGATARNNNN	TTATGATATTAGT
M0007		0.80454				
5	V\$GATA1_01	1	274	(+)	SNNGATNNNN	TATGATATTA
M0007		0.85340				
6	V\$GATA2_01	6	274	(+)	NNNGATRNNN	TATGATATTA
M0007		0.84315				
7	V\$GATA3_01	5	275	(+)	NNGATARNG	ATGATATTA
M0007						
7	V\$GATA3_01	0.86132	287	(-)	NNGATARNG	TCTAATCTA
M0007		0.80288				
6	V\$GATA2_01	7	293	(-)	NNNGATRNNN	CTAAATCTTA
M0007		0.84802				
7	V\$GATA3_01	8	293	(-)	NNGATARNG	CTAAATCTT
M0007		0.79220				
5	V\$GATA1_01	1	300	(+)	SNNGATNNNN	TTAGATTCTG
M0007		0.82454				
7	V\$GATA3_01	6	301	(+)	NNGATARNG	TAGATTCTG
M0012		0.81937				
6	V\$GATA1_02	5	316	(+)	NNNNNGATANKGNN	GTTATGATAAAATT
M0012		0.87530				
8	V\$GATA1_04	6	317	(+)	NNCWGATARNNNN	TTATGATAAAATT
M0007		0.79837				
6	V\$GATA2_01	6	318	(+)	NNNGATRNNN	TATGATAAAA
M0007		0.85511				
7	V\$GATA3_01	7	319	(+)	NNGATARNG	ATGATAAAA
M0020		0.89499				
3	V\$GATA_C	8	320	(+)	NGATAAGNMNN	TGATAAAATTT
M0012		0.78515				
7	V\$GATA1_03	4	331	(-)	RNSNNGATAANNNGN	ATTTTAACTTCAC
M0007		0.83316				
5	V\$GATA1_01	9	358	(+)	SNNGATNNNN	CAAGATTTGA
M0007		0.81551				
6	V\$GATA2_01	6	358	(+)	NNNGATRNNN	CAAGATTTGA
M0007		0.85378				
7	V\$GATA3_01	8	359	(+)	NNGATARNG	AAGATTTGA
M0012		0.82062				
6	V\$GATA1_02	5	361	(+)	NNNNNGATANKGNN	GATTTGATACTTGC
M0007		0.82527				
5	V\$GATA1_01	1	363	(+)	SNNGATNNNN	TTTGATACTT
M0007						
6	V\$GATA2_01	0.81281	363	(+)	NNNGATRNNN	TTTGATACTT
M0007		0.83711				
5	V\$GATA1_01	7	393	(+)	SNNGATNNNN	GTAGATTCTT
M0007		0.81235				
6	V\$GATA2_01	9	415	(-)	NNNGATRNNN	AAGTATGTTC
M0007		0.79341				
6	V\$GATA2_01	5	424	(+)	NNNGATRNNN	CAAGACAGTG
M0012		0.83194				
7	V\$GATA1_03	5	473	(+)	RNSNNGATAANNNGN	AGGAAGATGAAAGT
M0007						
5	V\$GATA1_01	0.78233	475	(+)	SNNGATNNNN	GAAGATGAAA
M0007						
6	V\$GATA2_01	0.79567	475	(+)	NNNGATRNNN	GAAGATGAAA
M0007		0.82498				
7	V\$GATA3_01	9	476	(+)	NNGATARNG	AAGATGAAA
M0007						
6	V\$GATA2_01	0.79161	488	(+)	NNNGATRNNN	CAGCATAATC
M0007		0.80898				
5	V\$GATA1_01	3	491	(-)	SNNGATNNNN	CATAATCCAG
M0007		0.83030				
7	V\$GATA3_01	6	491	(-)	NNGATARNG	CATAATCCA
M0007		0.88450				
5	V\$GATA1_01	1	497	(+)	SNNGATNNNN	CCAGATTGAT
M0007		0.84348				
6	V\$GATA2_01	2	497	(+)	NNNGATRNNN	CCAGATTGAT

M0007		0.83562				
7	V\$GATA3_01	3	498	(+)	NNGATARNG	CAGATTGAT
M0012		0.78270				
7	V\$GATA1_03	5	541	(+)	RNSNNGATAANNNGN	AAGGTTATAATTTTC
M0007		0.79025				
6	V\$GATA2_01	7	558	(+)	NNNGATRNNN	TGTCATAGTA
M0007		0.77393				
5	V\$GATA1_01	9	580	(-)	SNNGATNNNN	AAATAACAGG
M0020		0.83721				
3	V\$GATA_C	7	587	(-)	NGATAAGNMNN	AGGACTTATAC
M0007		0.80784				
6	V\$GATA2_01	8	594	(-)	NNNGATRNNN	ATACATCCTT
M0007		0.77492				
5	V\$GATA1_01	6	604	(+)	SNNGATNNNN	CATGAAAGCT
M0007		0.84797				
5	V\$GATA1_01	6	639	(+)	SNNGATNNNN	CTGGATTGCC
M0007		0.82363				
6	V\$GATA2_01	6	639	(+)	NNNGATRNNN	CTGGATTGCC
M0012		0.86562				
6	V\$GATA1_02	5	687	(+)	NNNNNGATANKGNN	TAACTGATAAGAAT
M0012		0.78833				
7	V\$GATA1_03	9	687	(+)	RNSNNGATAANNNGN	TAACTGATAAGAAT
M0012		0.96109				
8	V\$GATA1_04	1	688	(+)	NNCWGATARNNNN	AACTGATAAGAAT
M0007		0.81095				
5	V\$GATA1_01	8	689	(+)	SNNGATNNNN	ACTGATAAGA
M0007		0.82047				
6	V\$GATA2_01	8	689	(+)	NNNGATRNNN	ACTGATAAGA
M0007						
7	V\$GATA3_01	0.89012	690	(+)	NNGATARNG	CTGATAAGA
M0020		0.92264				
3	V\$GATA_C	7	691	(+)	NGATAAGNMNN	TGATAAGAATG
M0020						
3	V\$GATA_C	0.84374	700	(-)	NGATAAGNMNN	TGGTCTTATTT
M0012		0.80181				
7	V\$GATA1_03	3	701	(-)	RNSNNGATAANNNGN	GGTCTTATTTCTCT
M0012		0.79397				
7	V\$GATA1_03	4	731	(+)	RNSNNGATAANNNGN	AAAAAGAGAATAAC
M0012		0.81455				
7	V\$GATA1_03	2	734	(+)	RNSNNGATAANNNGN	AAGAGAATAACTAC
M0007		0.88005				
5	V\$GATA1_01	9	758	(+)	SNNGATNNNN	CAAGATGTTT
M0007		0.87505				
6	V\$GATA2_01	6	758	(+)	NNNGATRNNN	CAAGATGTTT
M0007		0.83316				
5	V\$GATA1_01	9	781	(+)	SNNGATNNNN	TGTGATATCA
M0007		0.88046				
6	V\$GATA2_01	9	781	(+)	NNNGATRNNN	TGTGATATCA
M0012		0.83272				
8	V\$GATA1_04	1	781	(-)	NNCWGATARNNNN	TGTGATATCATTT
M0007		0.84448				
7	V\$GATA3_01	4	782	(+)	NNGATARNG	GTGATATCA
M0007						
5	V\$GATA1_01	0.79615	783	(-)	SNNGATNNNN	TGATATCATT
M0007		0.83987				
6	V\$GATA2_01	4	783	(-)	NNNGATRNNN	TGATATCATT
M0007		0.82720				
7	V\$GATA3_01	4	783	(-)	NNGATARNG	TGATATCAT
M0007		0.84402				
5	V\$GATA1_01	8	815	(+)	SNNGATNNNN	CATGATTCAC
M0007		0.79521				
6	V\$GATA2_01	9	815	(+)	NNNGATRNNN	CATGATTCAC
M0007		0.80700				
5	V\$GATA1_01	9	845	(-)	SNNGATNNNN	TACAATCTTA
M0007		0.83671				
6	V\$GATA2_01	6	845	(-)	NNNGATRNNN	TACAATCTTA

M0007		0.89322				
7	V\$GATA3_01	1	845	(-)	NNGATARNG	TACAATCTT
M0007		0.81885				
5	V\$GATA1_01	5	909	(-)	SNNGATNNNN	TGTAATCATC
M0007		0.80739				
6	V\$GATA2_01	7	909	(-)	NNNGATRNNN	TGTAATCATC
M0007		0.82543				
7	V\$GATA3_01	2	909	(-)	NNGATARNG	TGTAATCAT
M0012		0.80083				
7	V\$GATA1_03	3	910	(-)	RNSNNGATAANNGN	GTAATCATCAAGCT
M0007		0.84649				
5	V\$GATA1_01	6	912	(-)	SNNGATNNNN	AATCATCAAG
M0012		0.82116				
7	V\$GATA1_03	6	920	(+)	RNSNNGATAANNGN	AGCTTAATAAGAGA
M0012		0.81062				
6	V\$GATA1_02	5	932	(+)	NNNNNGATANKGNN	GACTAGATATTAAT
M0007						
5	V\$GATA1_01	0.80849	934	(+)	SNNGATNNNN	CTAGATATTA
M0007		0.79206				
6	V\$GATA2_01	1	934	(+)	NNNGATRNNN	CTAGATATTA
M0007		0.84226				
7	V\$GATA3_01	8	935	(+)	NNGATARNG	TAGATATTA
M0012		0.83812				
6	V\$GATA1_02	5	964	(+)	NNNNNGATANKGNN	GAAATGATAATTAT
M0012		0.85521				
7	V\$GATA1_03	8	964	(+)	RNSNNGATAANNGN	GAAATGATAATTAT
M0012		0.88541				
8	V\$GATA1_04	7	965	(+)	NNCWGATARNNNN	AAATGATAATTAT
M0007		0.81342				
5	V\$GATA1_01	5	966	(+)	SNNGATNNNN	AATGATAATT
M0007		0.83581				
6	V\$GATA2_01	4	966	(+)	NNNGATRNNN	AATGATAATT
M0007		0.84315				
7	V\$GATA3_01	5	967	(+)	NNGATARNG	ATGATAATT
M0020		0.85119				
3	V\$GATA_C	6	968	(+)	NGATAAGNMNN	TGATAATTATG
M0020		0.88070				
3	V\$GATA_C	8	994	(-)	NGATAAGNMNN	GTTAATTATCA
M0012						
6	V\$GATA1_02	0.8525	995	(-)	NNNNNGATANKGNN	TTAATTATCAATAC
M0012		0.85521				
7	V\$GATA1_03	8	995	(-)	RNSNNGATAANNGN	TTAATTATCAATAC
M0012		0.82536				
8	V\$GATA1_04	8	995	(-)	NNCWGATARNNNN	TTAATTATCAATA
M0007		0.77739				
5	V\$GATA1_01	4	997	(-)	SNNGATNNNN	AATTATCAAT
M0007		0.79170				
5	V\$GATA1_01	8	1012	(-)	SNNGATNNNN	TGCAATCAAA
M0007						
7	V\$GATA3_01	0.82942	1012	(-)	NNGATARNG	TGCAATCAA
M0007		0.80700				
5	V\$GATA1_01	9	1023	(+)	SNNGATNNNN	TATGATGCAC
M0007		0.82228				
6	V\$GATA2_01	2	1023	(+)	NNNGATRNNN	TATGATGCAC
M0007		0.87561				
5	V\$GATA1_01	7	1169	(-)	SNNGATNNNN	AACAATCAGT
M0007		0.83085				
6	V\$GATA2_01	3	1169	(-)	NNNGATRNNN	AACAATCAGT
M0007		0.83207				
7	V\$GATA3_01	8	1169	(-)	NNGATARNG	AACAATCAG
M0020		0.83224				
3	V\$GATA_C	6	1211	(-)	NGATAAGNMNN	AGTCTTTTCC
M0012		0.80781				
6	V\$GATA1_02	3	1224	(+)	NNNNNGATANKGNN	TCAGTGATATTCCA
M0007		0.84550				
5	V\$GATA1_01	8	1226	(+)	SNNGATNNNN	AGTGATATTC

M0007						
6	V\$GATA2_01	0.85521	1226	(+)	NNNGATRNNN	AGTGATATTC
M0007		0.82853				
7	V\$GATA3_01	3	1227	(+)	NNGATARNG	GTGATATTC
M0007		0.83267				
5	V\$GATA1_01	5	1233	(-)	SNNGATNNNN	TTCCATCAGA
M0007		0.82949				
6	V\$GATA2_01	9	1233	(-)	NNNGATRNNN	TTCCATCAGA
M0007		0.82410				
7	V\$GATA3_01	3	1233	(-)	NNGATARNG	TTCCATCAG
M0012		0.81862				
8	V\$GATA1_04	7	1280	(-)	NNCWGATARNNNN	ATTCTTACCTGGA
M0020		0.87977				
3	V\$GATA_C	6	1321	(-)	NGATAAGNMNN	GCTCTTTATCA
M0012		0.80312				
6	V\$GATA1_02	5	1322	(-)	NNNNNGATANKGNN	CTCTTTATCAAGCC
M0012		0.88167				
7	V\$GATA1_03	6	1322	(-)	RNSNNGATAANNNGN	CTCTTTATCAAGCC
M0012		0.88725				
8	V\$GATA1_04	5	1322	(-)	NNCWGATARNNNN	CTCTTTATCAAGC
M0007		0.81836				
5	V\$GATA1_01	1	1324	(-)	SNNGATNNNN	CTTTATCAAG
M0007		0.86575				
7	V\$GATA3_01	1	1324	(-)	NNGATARNG	CTTTATCAA
M0012		0.93018				
7	V\$GATA1_03	1	1398	(+)	RNSNNGATAANNNGN	AGCATGATAACAAT
M0012		0.89767				
8	V\$GATA1_04	2	1399	(+)	NNCWGATARNNNN	GCATGATAACAAT
M0007		0.84698				
5	V\$GATA1_01	9	1400	(+)	SNNGATNNNN	CATGATAACA
M0007		0.86648				
6	V\$GATA2_01	6	1400	(+)	NNNGATRNNN	CATGATAACA
M0007		0.85910				
7	V\$GATA3_01	5	1401	(+)	NNGATARNG	ATGATAACA
M0020		0.84964				
3	V\$GATA_C	3	1402	(+)	NGATAAGNMNN	TGATAACAATG
M0007		0.85192				
5	V\$GATA1_01	5	1420	(+)	SNNGATNNNN	CAAGATGTAG
M0007		0.84799				
6	V\$GATA2_01	3	1420	(+)	NNNGATRNNN	CAAGATGTAG
M0007						
7	V\$GATA3_01	0.82809	1421	(+)	NNGATARNG	AAGATGTAG
M0007		0.81688				
5	V\$GATA1_01	1	1447	(+)	SNNGATNNNN	CAAGATTAT
M0007		0.79882				
6	V\$GATA2_01	7	1447	(+)	NNNGATRNNN	CAAGATTAT
M0007		0.78874				
5	V\$GATA1_01	6	1483	(+)	SNNGATNNNN	TATGATCTTT
M0007		0.81867				
6	V\$GATA2_01	4	1483	(+)	NNNGATRNNN	TATGATCTTT
M0012						
8	V\$GATA1_04	0.81587	1518	(+)	NNCWGATARNNNN	ATCAAATAAATAG
M0012		0.89343				
6	V\$GATA1_02	7	1558	(+)	NNNNNGATANKGNN	AGAAAGATAAGGTT
M0012		0.89882				
7	V\$GATA1_03	4	1558	(+)	RNSNNGATAANNNGN	AGAAAGATAAGGTT
M0012		0.90992				
8	V\$GATA1_04	6	1559	(+)	NNCWGATARNNNN	GAAAGATAAGGTT
M0007		0.81638				
5	V\$GATA1_01	7	1560	(+)	SNNGATNNNN	AAAGATAAGG
M0007		0.86648				
6	V\$GATA2_01	6	1560	(+)	NNNGATRNNN	AAAGATAAGG
M0007		0.95436				
7	V\$GATA3_01	4	1561	(+)	NNGATARNG	AAGATAAGG
M0020						
3	V\$GATA_C	0.93352	1562	(+)	NGATAAGNMNN	AGATAAGGTTA

M0012		0.82802				
7	V\$GATA1_03	5	1594	(+)	RNSNNGATAANNGN	ATCCAGAAAAGTGT
M0020		0.90090				
3	V\$GATA_C	1	1610	(-)	NGATAAGNMNN	TTGTCATATCT
M0007		0.80243				
6	V\$GATA2_01	6	1611	(+)	NNNGATRNNN	TGTCATATCT
M0012		0.79093				
6	V\$GATA1_02	7	1611	(-)	NNNNNGATANKGNN	TGTCATATCTTACA
M0012		0.87622				
8	V\$GATA1_04	5	1611	(-)	NNCWGATARNNNN	TGTCATATCTTAC
M0007						
5	V\$GATA1_01	0.79615	1613	(-)	SNNGATNNNN	TCATATCTTA
M0007		0.87099				
6	V\$GATA2_01	7	1613	(-)	NNNGATRNNN	TCATATCTTA
M0007		0.88746				
7	V\$GATA3_01	1	1613	(-)	NNGATARNG	TCATATCTT
M0012		0.80083				
7	V\$GATA1_03	3	1641	(+)	RNSNNGATAANNGN	ATCAAGCTAATTAT
M0007		0.79812				
5	V\$GATA1_01	4	1661	(+)	SNNGATNNNN	TATGATTACT
M0007		0.82273				
6	V\$GATA2_01	3	1661	(+)	NNNGATRNNN	TATGATTACT
M0012		0.81063				
7	V\$GATA1_03	2	1675	(+)	RNSNNGATAANNGN	AAGCAGATTATGAA
M0007		0.86574				
5	V\$GATA1_01	5	1677	(+)	SNNGATNNNN	GCAGATTATG
M0007		0.85069				
6	V\$GATA2_01	9	1677	(+)	NNNGATRNNN	GCAGATTATG
M0007		0.89410				
7	V\$GATA3_01	7	1678	(+)	NNGATARNG	CAGATTATG
M0007		0.78134				
5	V\$GATA1_01	3	1694	(-)	SNNGATNNNN	CAGTTTCAGG
M0012		0.79531				
6	V\$GATA1_02	2	1698	(+)	NNNNNGATANKGNN	TTCAGGATACTCCC
M0007		0.88203				
5	V\$GATA1_01	4	1700	(+)	SNNGATNNNN	CAGGATACTC
M0007		0.92557				
6	V\$GATA2_01	5	1700	(+)	NNNGATRNNN	CAGGATACTC
M0012						
6	V\$GATA1_02	0.80375	1710	(-)	NNNNNGATANKGNN	CCCCCAATCTCTTT
M0012		0.79764				
7	V\$GATA1_03	8	1710	(-)	RNSNNGATAANNGN	CCCCCAATCTCTTT
M0007		0.88647				
5	V\$GATA1_01	6	1712	(-)	SNNGATNNNN	CCCAATCTCT
M0007		0.86152				
6	V\$GATA2_01	5	1712	(-)	NNNGATRNNN	CCCAATCTCT
M0007		0.96632				
7	V\$GATA3_01	7	1712	(-)	NNGATARNG	CCCAATCTC
M0007		0.85241				
5	V\$GATA1_01	9	1739	(-)	SNNGATNNNN	ATCAATCACA
M0007		0.82318				
6	V\$GATA2_01	4	1739	(-)	NNNGATRNNN	ATCAATCACA
M0007		0.83517				
7	V\$GATA3_01	9	1739	(-)	NNGATARNG	ATCAATCAC
M0012						
6	V\$GATA1_02	0.8625	1810	(+)	NNNNNGATANKGNN	GGCCAGATAAAGGG
M0012		0.92797				
7	V\$GATA1_03	6	1810	(+)	RNSNNGATAANNGN	GGCCAGATAAAGGG
M0012		0.95833				
8	V\$GATA1_04	3	1811	(+)	NNCWGATARNNNN	GCCAGATAAAGGG
M0007		0.85439				
5	V\$GATA1_01	3	1812	(+)	SNNGATNNNN	CCAGATAAAG
M0007		0.86964				
6	V\$GATA2_01	4	1812	(+)	NNNGATRNNN	CCAGATAAAG
M0007		0.90784				
7	V\$GATA3_01	2	1813	(+)	NNGATARNG	CAGATAAAG

M0020		0.86890				
3	V\$GATA_C	3	1814	(+)	NGATAAGNMNN	AGATAAAGGGA
M0012		0.81479				
7	V\$GATA1_03	7	1837	(+)	RNSNNGATAANNNGN	AAGTAGAGAATAGA
M0007		0.89881				
5	V\$GATA1_01	5	1854	(+)	SNNGATNNNN	CAAGATGGAG
M0007		0.88452				
6	V\$GATA2_01	9	1854	(+)	NNNGATRNNN	CAAGATGGAG
M0007		0.88834				
7	V\$GATA3_01	7	1855	(+)	NNGATARNG	AAGATGGAG
M0012		0.81553				
7	V\$GATA1_03	2	1858	(+)	RNSNNGATAANNNGN	ATGGAGATCAGTTC
M0007		0.84698				
5	V\$GATA1_01	9	1860	(+)	SNNGATNNNN	GGAGATCAGT
M0007		0.78627				
5	V\$GATA1_01	8	1860	(-)	SNNGATNNNN	GGAGATCAGT
M0007		0.84393				
6	V\$GATA2_01	3	1860	(+)	NNNGATRNNN	GGAGATCAGT
M0007		0.80965				
6	V\$GATA2_01	3	1860	(-)	NNNGATRNNN	GGAGATCAGT
M0012		0.81617				
8	V\$GATA1_04	6	1898	(-)	NNCWGATARNNNN	TTTCTTACCTGAA
M0012		0.77062				
6	V\$GATA1_02	5	1931	(-)	NNNNNGATANKGNN	AAAGCTATCTAATT
M0012		0.82904				
8	V\$GATA1_04	4	1931	(-)	NNCWGATARNNNN	AAAGCTATCTAAT
M0007		0.83020				
5	V\$GATA1_01	7	1933	(-)	SNNGATNNNN	AGCTATCTAA
M0007						
6	V\$GATA2_01	0.86829	1933	(-)	NNNGATRNNN	AGCTATCTAA
M0007		0.85467				
7	V\$GATA3_01	4	1933	(-)	NNGATARNG	AGCTATCTA
M0020		0.84249				
3	V\$GATA_C	8	1962	(-)	NGATAAGNMNN	ATGCCTCATCT
M0012		0.78564				
7	V\$GATA1_03	4	1963	(-)	RNSNNGATAANNNGN	TGCCTCATCTTTCT
M0007		0.81638				
5	V\$GATA1_01	7	1965	(-)	SNNGATNNNN	CCTCATCTTT
M0007		0.83806				
6	V\$GATA2_01	9	1965	(-)	NNNGATRNNN	CCTCATCTTT
M0007		0.90075				
7	V\$GATA3_01	3	1965	(-)	NNGATARNG	CCTCATCTT
M0020		0.83845				
3	V\$GATA_C	9	1986	(-)	NGATAAGNMNN	ACTTTCTATCC
M0012		0.79176				
7	V\$GATA1_03	9	1987	(-)	RNSNNGATAANNNGN	CTTTCTATCCAAC
M0007		0.79386				
6	V\$GATA2_01	6	1989	(-)	NNNGATRNNN	TTCTATCCAA
M0007		0.83739				
7	V\$GATA3_01	5	1989	(-)	NNGATARNG	TTCTATCCA
M0007		0.79115				
6	V\$GATA2_01	9	2032	(+)	NNNGATRNNN	ATGGATATTC
M0007		0.83030				
7	V\$GATA3_01	6	2076	(-)	NNGATARNG	ATTAATCTC
M0012		0.81862				
8	V\$GATA1_04	7	2099	(-)	NNCWGATARNNNN	CCACCTATATGCT
M0007		0.83491				
6	V\$GATA2_01	2	2108	(-)	NNNGATRNNN	TGCTATGTCC
M0007		0.77196				
5	V\$GATA1_01	4	2132	(+)	SNNGATNNNN	ATTGATTCT
M0020		0.83069				
3	V\$GATA_C	3	2136	(-)	NGATAAGNMNN	ATTCTTAACT
M0012		0.81617				
8	V\$GATA1_04	6	2137	(-)	NNCWGATARNNNN	TTTCTTAACTGAA
M0020		0.83783				
3	V\$GATA_C	8	2150	(-)	NGATAAGNMNN	CACTTCTATCT

M0012		0.88656				
6	V\$GATA1_02	3	2151	(-)	NNNNNGATANKGNN	ACTTCTATCTGTAG
M0012		0.84615				
7	V\$GATA1_03	4	2151	(-)	RNSNNGATAANNNGN	ACTTCTATCTGTAG
M0012		0.92034				
8	V\$GATA1_04	3	2151	(-)	NNCWGATARNNNN	ACTTCTATCTGTA
M0007		0.80355				
5	V\$GATA1_01	4	2153	(-)	SNNGATNNNN	TTCTATCTGT
M0007		0.83671				
6	V\$GATA2_01	6	2153	(-)	NNNGATRNNN	TTCTATCTGT
M0007		0.90119				
7	V\$GATA3_01	6	2153	(-)	NNGATARNG	TTCTATCTG
M0020		0.88319				
3	V\$GATA_C	4	2190	(-)	NGATAAGNMNN	CTCTTTTATCT
M0012		0.81906				
6	V\$GATA1_02	3	2191	(-)	NNNNNGATANKGNN	TCTTTTATCTAACA
M0012		0.87806				
8	V\$GATA1_04	4	2191	(-)	NNCWGATARNNNN	TCTTTTATCTAAC
M0007		0.85423				
7	V\$GATA3_01	1	2193	(-)	NNGATARNG	TTTTATCTA
M0007		0.84896				
5	V\$GATA1_01	3	2204	(+)	SNNGATNNNN	AGTGATTTGT
M0007		0.80063				
6	V\$GATA2_01	1	2204	(+)	NNNGATRNNN	AGTGATTTGT
M0007		0.77936				
5	V\$GATA1_01	8	2329	(+)	SNNGATNNNN	CAGGATTAAC
M0007		0.79476				
6	V\$GATA2_01	8	2329	(+)	NNNGATRNNN	CAGGATTAAC
M0007						
6	V\$GATA2_01	0.7871	2358	(+)	NNNGATRNNN	TAACATAACC
M0020		0.89530				
3	V\$GATA_C	9	2438	(-)	NGATAAGNMNN	TGGCTATATCT
M0012		0.78343				
6	V\$GATA1_02	8	2439	(-)	NNNNNGATANKGNN	GGCTATATCTCCCC
M0012		0.79593				
7	V\$GATA1_03	3	2439	(-)	RNSNNGATAANNNGN	GGCTATATCTCCCC
M0012		0.86672				
8	V\$GATA1_04	8	2439	(-)	NNCWGATARNNNN	GGCTATATCTCCC
M0007		0.87611				
5	V\$GATA1_01	1	2441	(-)	SNNGATNNNN	CTATATCTCC
M0007		0.88994				
6	V\$GATA2_01	1	2441	(-)	NNNGATRNNN	CTATATCTCC
M0007		0.89898				
7	V\$GATA3_01	1	2441	(-)	NNGATARNG	CTATATCTC
M0012		0.84062				
6	V\$GATA1_02	5	2509	(-)	NNNNNGATANKGNN	TAAATTATCAGCAA
M0012		0.79617				
7	V\$GATA1_03	8	2509	(-)	RNSNNGATAANNNGN	TAAATTATCAGCAA
M0012		0.85355				
8	V\$GATA1_04	4	2509	(-)	NNCWGATARNNNN	TAAATTATCAGCA
M0007		0.89881				
5	V\$GATA1_01	5	2511	(-)	SNNGATNNNN	AATTATCAGC
M0007		0.89084				
6	V\$GATA2_01	3	2511	(-)	NNNGATRNNN	AATTATCAGC
M0007		0.83739				
7	V\$GATA3_01	5	2511	(-)	NNGATARNG	AATTATCAG
M0007		0.81293				
5	V\$GATA1_01	2	2522	(+)	SNNGATNNNN	ACAGATCCTG
M0007		0.83662				
5	V\$GATA1_01	4	2522	(-)	SNNGATNNNN	ACAGATCCTG
M0007						
6	V\$GATA2_01	0.82995	2522	(+)	NNNGATRNNN	ACAGATCCTG
M0007						
6	V\$GATA2_01	0.85972	2522	(-)	NNNGATRNNN	ACAGATCCTG
M0012		0.78221				
7	V\$GATA1_03	5	2526	(+)	RNSNNGATAANNNGN	ATCCTGTTAATCTA

M0007		0.78529				
5	V\$GATA1_01	1	2565	(+)	SNNGATNNNN	AATGATGAAG
M0007		0.78033				
6	V\$GATA2_01	4	2565	(+)	NNNGATRNNN	AATGATGAAG
M0007		0.83650				
7	V\$GATA3_01	9	2566	(+)	NNGATARNG	ATGATGAAG
M0020						
3	V\$GATA_C	0.84343	2589	(-)	NGATAAGNMNN	TGTGACTATCC
M0012		0.78312				
6	V\$GATA1_02	5	2590	(-)	NNNNNGATANKGNN	GTGACTATCCTGGC
M0012		0.88020				
7	V\$GATA1_03	6	2590	(-)	RNSNNGATAANNNGN	GTGACTATCCTGGC
M0007						
5	V\$GATA1_01	0.9077	2592	(-)	SNNGATNNNN	GA CTATCCTG
M0007		0.95083				
6	V\$GATA2_01	4	2592	(-)	NNNGATRNNN	GA CTATCCTG
M0007		0.84980				
7	V\$GATA3_01	1	2592	(-)	NNGATARNG	GA CTATCCT
M0007		0.78726				
5	V\$GATA1_01	6	2637	(-)	SNNGATNNNN	TCTAATCAGT
M0007		0.85644				
7	V\$GATA3_01	7	2637	(-)	NNGATARNG	TCTAATCAG
M0020		0.89002				
3	V\$GATA_C	8	2644	(-)	NGATAAGNMNN	AGTTTGTATCA
M0012		0.78417				
7	V\$GATA1_03	4	2719	(+)	RNSNNGATAANNNGN	AACAAAATAGCTAC
M0012		0.80132				
7	V\$GATA1_03	3	2727	(+)	RNSNNGATAANNNGN	AGCTACATAAGTAA
M0020		0.83224				
3	V\$GATA_C	6	2731	(+)	NGATAAGNMNN	ACATAAGTAAT
M0012		0.78980				
7	V\$GATA1_03	9	2750	(-)	RNSNNGATAANNNGN	ACATTTATTTTCT
M0007		0.82477				
5	V\$GATA1_01	8	2782	(+)	SNNGATNNNN	CTGGATATTC
M0007		0.83265				
6	V\$GATA2_01	7	2782	(+)	NNNGATRNNN	CTGGATATTC
M0007		0.84501				
5	V\$GATA1_01	5	2811	(-)	SNNGATNNNN	AGAAATCACA
M0007		0.84573				
6	V\$GATA2_01	7	2811	(-)	NNNGATRNNN	AGAAATCACA
M0020		0.85181				
3	V\$GATA_C	7	2818	(-)	NGATAAGNMNN	ACACTTTATCA
M0012		0.83906				
6	V\$GATA1_02	2	2819	(-)	NNNNNGATANKGNN	CACTTTATCATCTA
M0012						
7	V\$GATA1_03	0.7805	2819	(-)	RNSNNGATAANNNGN	CACTTTATCATCTA
M0012		0.89736				
8	V\$GATA1_04	5	2819	(-)	NNCWGATARNNNN	CACTTTATCATCT
M0007		0.84995				
5	V\$GATA1_01	1	2821	(-)	SNNGATNNNN	CTTTATCATC
M0007		0.85566				
6	V\$GATA2_01	1	2821	(-)	NNNGATRNNN	CTTTATCATC
M0007						
7	V\$GATA3_01	0.89012	2821	(-)	NNGATARNG	CTTTATCAT
M0007		0.79022				
5	V\$GATA1_01	7	2824	(-)	SNNGATNNNN	TATCATCTAG
M0007		0.82055				
7	V\$GATA3_01	8	2824	(-)	NNGATARNG	TATCATCTA
M0012		0.83976				
8	V\$GATA1_04	7	2848	(-)	NNCWGATARNNNN	ATTCTTATATGAT
M0012		0.82281				
6	V\$GATA1_02	2	2853	(+)	NNNNNGATANKGNN	TATATGATAGAGAA
M0012		0.91023				
8	V\$GATA1_04	3	2854	(+)	NNCWGATARNNNN	ATATGATAGAGAA
M0007		0.85883				
5	V\$GATA1_01	5	2855	(+)	SNNGATNNNN	TATGATAGAG

M0007		0.89264				
6	V\$GATA2_01	8	2855	(+)	NNNGATRNNN	TATGATAGAG
M0007		0.91847				
7	V\$GATA3_01	6	2856	(+)	NNGATARNG	ATGATAGAG
M0020		0.89499				
3	V\$GATA_C	8	2857	(+)	NGATAAGNMNN	TGATAGAGAAA
M0007		0.85192				
5	V\$GATA1_01	5	2882	(-)	SNNGATNNNN	AAAAATCCTG
M0007		0.85340				
6	V\$GATA2_01	6	2882	(-)	NNNGATRNNN	AAAAATCCTG
M0012		0.84345				
7	V\$GATA1_03	9	2957	(+)	RNSNNGATAANNNGN	AGGAAGATCAGAAA
M0007		0.78282				
5	V\$GATA1_01	3	2959	(+)	SNNGATNNNN	GAAGATCAGA
M0007		0.79466				
5	V\$GATA1_01	9	2959	(-)	SNNGATNNNN	GAAGATCAGA
M0007		0.80604				
6	V\$GATA2_01	4	2959	(+)	NNNGATRNNN	GAAGATCAGA
M0007		0.82318				
6	V\$GATA2_01	4	2959	(-)	NNNGATRNNN	GAAGATCAGA
M0020		0.83069				
3	V\$GATA_C	3	2961	(+)	NGATAAGNMNN	AGATCAGAAAAT
M0007		0.78484				
6	V\$GATA2_01	4	3020	(-)	NNNGATRNNN	CTAAATCCTT
M0016		0.92460				
2	V\$OCT1_06	9	10	(-)	CWNAWTKWSATRYN	TAAATCTCATGACG
M0016		0.80117				
2	V\$OCT1_06	2	35	(+)	CWNAWTKWSATRYN	CACCCTTTAATTAG
M0024		0.80008				
8	V\$OCT1_07	5	49	(+)	TNTATGNTAATT	TCTCTGTTATT
M0013		0.90991				
7	V\$OCT1_03	7	133	(+)	NNNRTAATNANNN	AAGGTAATCACAT
M0013		0.84749				
7	V\$OCT1_03	1	139	(-)	NNNRTAATNANNN	ATCACATTAAC
M0016		0.84218				
2	V\$OCT1_06	7	141	(-)	CWNAWTKWSATRYN	CACATTAACATT
M0013		0.80656			NNNNNNWATGCAATNNN	ATTAACATTCAAAGAGAA-
8	V\$OCT1_04	6	144	(+)	WNNW	TAA
M0013		0.78695				
6	V\$OCT1_02	2	146	(+)	NNGAATATKCANNNN	TAAACATTCAAAGA
M0013		0.79561				
6	V\$OCT1_02	5	156	(-)	NNGAATATKCANNNN	AAAGAGAATAATTCT
M0013		0.78711			NNNNNNWATGCAATNNN	
8	V\$OCT1_04	8	158	(+)	WNNW	AGAGAATAATTCTTATTACAGC
M0013		0.80373				
6	V\$OCT1_02	6	166	(+)	NNGAATATKCANNNN	ATTCTTATTACAGC
M0016		0.84023				
2	V\$OCT1_06	4	180	(+)	CWNAWTKWSATRYN	CAGACTGTAATTAT
M0016		0.86289				
2	V\$OCT1_06	1	181	(-)	CWNAWTKWSATRYN	AGACTGTAATTATT
M0013		0.87712				
7	V\$OCT1_03	4	183	(+)	NNNRTAATNANNN	ACTGTAATTATTA
M0013		0.88542				
7	V\$OCT1_03	1	184	(-)	NNNRTAATNANNN	CTGTAATTATTAC
M0013		0.90675				
7	V\$OCT1_03	6	187	(-)	NNNRTAATNANNN	TAATTATTACACC
M0013		0.92176				
6	V\$OCT1_02	5	250	(-)	NNGAATATKCANNNN	AGCTGAATATCCTT
M0013		0.80427				
6	V\$OCT1_02	7	253	(+)	NNGAATATKCANNNN	TTGAATATCCTTTGT
M0013		0.78837			NNNNNNWATGCAATNNN	
8	V\$OCT1_04	3	256	(-)	WNNW	AATATCCTTTGTCATGATTATGA
M0013		0.94626				
7	V\$OCT1_03	6	267	(-)	NNNRTAATNANNN	TCATGATTATGAT
M0016		0.87580				
1	V\$OCT1_05	9	269	(+)	MKNATTGTCATAYY	ATGATTATGATATT

M0016		0.84492				
2	V\$OCT1_06	2	269	(+)	CWNAWTKWSATRYN	ATGATTATGATATT
M0016		0.83476				
2	V\$OCT1_06	6	288	(-)	CWNAWTKWSATRYN	CTAATCTAAATCTT
M0016		0.82148				
2	V\$OCT1_06	4	294	(-)	CWNAWTKWSATRYN	TAAATCTTAGATTCT
M0016		0.89843				
2	V\$OCT1_06	7	295	(+)	CWNAWTKWSATRYN	AAATCTTAGATTCT
M0013		0.82245			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	298	(-)	WNNW	TCTTAGATTCTGTATAATGTTAT
M0013		0.88779				
7	V\$OCT1_03	1	308	(+)	NNNRTAATNANNN	TGTATAATGTTAT
M0013		0.81681			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	311	(+)	WNNW	ATAATGTTATGATAAAATTTATT
M0013		0.74265				
5	V\$OCT1_01	5	313	(+)	NNNNWTATGCAAATNTNNN	AATGTTATGATAAAATTTA
M0016		0.89414				
2	V\$OCT1_06	1	358	(+)	CWNAWTKWSATRYN	CAAGATTTGATACT
M0013		0.82580			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	383	(+)	WNNW	TGAAGACAATGTAGATTCTTAAA
M0019						
5	V\$OCT1_Q6	0.7994	387	(+)	NNNNATGCAAATNAN	GACAATGTAGATTCT
M0024		0.79796				
8	V\$OCT1_07	5	388	(+)	TNTATGNTAATT	ACAATGTAGATT
M0013		0.80133			NNNNNNNWATGCAAATNNN	CAATGTAGAT-
8	V\$OCT1_04	8	389	(+)	WNNW	TCTTAAAAAAAAA
M0013		0.78460			NNNNNNNWATGCAAATNNN	TGTAGAT-
8	V\$OCT1_04	9	392	(+)	WNNW	TCTTAAAAAAAAAAAAA
M0013		0.85144				
7	V\$OCT1_03	2	465	(-)	NNNRTAATNANNN	AACTTTTAGGAA
M0013		0.78911				
6	V\$OCT1_02	7	485	(-)	NNGAATATKCANNNN	GTACAGCATAATCCA
M0016		0.80078				
2	V\$OCT1_06	1	491	(-)	CWNAWTKWSATRYN	CATAATCCAGATTG
M0016		0.86054				
2	V\$OCT1_06	7	509	(+)	CWNAWTKWSATRYN	CTTAATTAATTTCA
M0013		0.78063			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	510	(+)	WNNW	TTAATTAATTTCAAAATTTTATT
M0013		0.79506			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	510	(-)	WNNW	TTAATTAATTTCAAAATTTTATT
M0016		0.82148				
2	V\$OCT1_06	4	514	(-)	CWNAWTKWSATRYN	TTAATTTCAAAATT
M0016		0.85234				
2	V\$OCT1_06	4	516	(-)	CWNAWTKWSATRYN	AATTTCAAAATTTT
M0024		0.79118				
8	V\$OCT1_07	1	516	(-)	TNTATGNTAATT	AATTTCAAAATT
M0016		0.88164				
2	V\$OCT1_06	1	521	(+)	CWNAWTKWSATRYN	CAAAATTTTATTTCT
M0016		0.82656				
2	V\$OCT1_06	2	522	(+)	CWNAWTKWSATRYN	AAAATTTTATTTCT
M0016		0.83476				
2	V\$OCT1_06	6	522	(-)	CWNAWTKWSATRYN	AAAATTTTATTTCT
M0013		0.86250				
7	V\$OCT1_03	5	544	(+)	NNNRTAATNANNN	GTTATAATTTTCAT
M0016		0.87617				
2	V\$OCT1_06	2	546	(+)	CWNAWTKWSATRYN	TATAATTTTCATTG
M0013		0.75047				
5	V\$OCT1_01	7	561	(+)	NNNNWTATGCAAATNTNNN	CATAGTATACAACCTTTAAA
M0013		0.81576			NNNNNNNWATGCAAATNNN	GTATACAACCTTTAAAAA-
8	V\$OCT1_04	7	565	(+)	WNNW	TAACA
M0016		0.80078				
2	V\$OCT1_06	1	579	(-)	CWNAWTKWSATRYN	AAAATAACAGGACT
M0013		0.79046			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	603	(-)	WNNW	TCATGAAAGCTGAATAGTTCTGT
M0013		0.81618				
6	V\$OCT1_02	8	609	(-)	NNGAATATKCANNNN	AAGCTGAATAGTTCT

M0016		0.82617				
2	V\$OCT1_06	2	623	(-)	CWNAWTKWSATRYN	TGTTTCACAAATTT
M0013		0.83772			NNNNNNNNWATGCAAATNNN	AG-
8	V\$OCT1_04	5	650	(+)	WNNW	TTATGAAGGCAAATTCAAGTA
M0013		0.77069				
5	V\$OCT1_01	8	652	(+)	NNNNWTATGCAAATNTNNN	TTATGAAGGCAAATTCAAG
M0019		0.82068				
5	V\$OCT1_Q6	8	654	(+)	NNNNATGCAAATNAN	ATGAAGGCAAATTCA
M0013		0.77612				
6	V\$OCT1_02	3	655	(-)	NNGAATATKCANNNN	TGAAGGCAAATTCAA
M0024		0.82404				
8	V\$OCT1_07	1	655	(+)	TNTATGNTAATT	TGAAGGCAAATT
M0013		0.80552			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	656	(+)	WNNW	GAAGGCAAATTCAAGTACTTACT
M0013		0.85544				
6	V\$OCT1_02	1	658	(+)	NNGAATATKCANNNN	AGGCAAATTCAAGTA
M0016		0.85742				
2	V\$OCT1_06	2	661	(-)	CWNAWTKWSATRYN	CAAATTCAAGTACT
M0013		0.78147			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	712	(+)	WNNW	TCTGGTTTCTGTTTATGCTAAAA
M0013		0.88739				
7	V\$OCT1_03	6	718	(-)	NNNRTAATNANNN	TTCTGTTTATGCT
M0013		0.82371			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	718	(+)	WNNW	TTCTGTTTATGCTAAAAAGAGAA
M0013		0.84147				
5	V\$OCT1_01	3	720	(+)	NNNNWTATGCAAATNTNNN	CTGTTTATGCTAAAAAGAG
M0013		0.77910				
6	V\$OCT1_02	1	720	(+)	NNGAATATKCANNNN	CTGTTTATGCTAAAA
M0019		0.80322				
5	V\$OCT1_Q6	1	722	(+)	NNNNATGCAAATNAN	GTTTATGCTAAAAAG
M0024		0.79923				
8	V\$OCT1_07	7	723	(+)	TNTATGNTAATT	TTTATGCTAAAA
M0016		0.82656				
2	V\$OCT1_06	2	751	(-)	CWNAWTKWSATRYN	CATTTTACAAGATG
M0013		0.81451			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	759	(-)	WNNW	AAGATGTTTTTGTATGAGTGTTT
M0016		0.88281				
2	V\$OCT1_06	2	776	(+)	CWNAWTKWSATRYN	GTGTTTGTGATATC
M0013		0.81974			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	784	(-)	WNNW	GATATCATTTTGCATGAATTATA
M0013						
5	V\$OCT1_01	0.78348	786	(-)	NNNNWTATGCAAATNTNNN	TATCATTTTGCATGAATTA
M0024		0.81916				
8	V\$OCT1_07	5	790	(-)	TNTATGNTAATT	ATTTTGCATGAA
M0013						
6	V\$OCT1_02	0.78614	794	(-)	NNGAATATKCANNNN	TGCATGAATTATAAA
M0013		0.75238				
5	V\$OCT1_01	5	798	(+)	NNNNWTATGCAAATNTNNN	TGAATTATAAAAAATTCCA
M0013		0.74074				
5	V\$OCT1_01	8	805	(-)	NNNNWTATGCAAATNTNNN	TAAAAAATTCCATGATTCA
M0016		0.81992				
2	V\$OCT1_06	2	807	(+)	CWNAWTKWSATRYN	AAAAATTCCATGAT
M0016		0.88554				
2	V\$OCT1_06	7	808	(-)	CWNAWTKWSATRYN	AAAATTCCATGATT
M0024		0.79584				
8	V\$OCT1_07	5	809	(-)	TNTATGNTAATT	AAATTCCATGAT
M0013					NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.80573	813	(-)	WNNW	TCCATGATTACCATAGAAATAT
M0024		0.80008				
8	V\$OCT1_07	5	819	(-)	TNTATGNTAATT	ATTCACCATAGA
M0016		0.84218				
2	V\$OCT1_06	7	847	(+)	CWNAWTKWSATRYN	CAATCTTAAAAAGTT
M0013		0.81848			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	858	(+)	WNNW	GTTAGCCAATGCTTATTGTACAA
M0024		0.80326				
8	V\$OCT1_07	5	863	(+)	TNTATGNTAATT	CCAATGCTTATT

M0013		0.81591				
6	V\$OCT1_02	8	887	(+)	NNGAATATKCANNNN	TTCTATATTCACTGT
M0016		0.80039				
2	V\$OCT1_06	1	890	(-)	CWNAWTKWSATRYN	TATATTCACTGTAC
M0024		0.83930				
8	V\$OCT1_07	5	904	(+)	TNTATGNTAATT	TGTATTGTAATC
M0013		0.88739				
7	V\$OCT1_03	6	907	(+)	NNNRTAATNANNN	ATTGTAATCATCA
M0013		0.85104				
7	V\$OCT1_03	7	920	(+)	NNNRTAATNANNN	AGCTTAATAAGAG
M0016		0.80937				
2	V\$OCT1_06	5	922	(+)	CWNAWTKWSATRYN	CTTAATAAGAGACT
M0013		0.80719			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	931	(-)	WNNW	AGACTAGATATTAATTATTCCAA
M0024		0.79626				
8	V\$OCT1_07	9	935	(+)	TNTATGNTAATT	TAGATATTAATT
M0016		0.80820				
2	V\$OCT1_06	3	936	(+)	CWNAWTKWSATRYN	AGATATTAATTATT
M0016		0.80820				
2	V\$OCT1_06	3	937	(-)	CWNAWTKWSATRYN	GATATTAATTATTC
M0013		0.87949				
7	V\$OCT1_03	4	939	(-)	NNNRTAATNANNN	TATTAATTATTCC
M0013		0.78063			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	939	(+)	WNNW	TATTAATTATTCCAACCACAAAA
M0013		0.84483			NNNNNNNWATGCAAATNNN	AAAAAGAAATGA-
8	V\$OCT1_04	5	959	(+)	WNNW	TAATTATGTGA
M0019		0.83733				
5	V\$OCT1_Q6	6	963	(+)	NNNNATGCAAATNAN	AGAAATGATAATTAT
M0016		0.92196				
1	V\$OCT1_05	6	964	(-)	MKNATTGTCATAYY	GAAATGATAATTAT
M0016		0.83984				
2	V\$OCT1_06	4	964	(-)	CWNAWTKWSATRYN	GAAATGATAATTAT
M0024		0.82955				
8	V\$OCT1_07	3	964	(+)	TNTATGNTAATT	GAAATGATAATT
M0013		0.92848				
7	V\$OCT1_03	7	967	(+)	NNNRTAATNANNN	ATGATAATTATGT
M0013		0.88818				
7	V\$OCT1_03	6	968	(-)	NNNRTAATNANNN	TGATAATTATGTG
M0016		0.82109				
2	V\$OCT1_06	4	972	(+)	CWNAWTKWSATRYN	AATTATGTGACATG
M0016		0.89335				
2	V\$OCT1_06	9	980	(-)	CWNAWTKWSATRYN	GACATGACAGAGTT
M0013		0.82204			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	992	(-)	WNNW	TTGTTAATTATCAATACAATTGC
M0013		0.87159				
7	V\$OCT1_03	2	993	(-)	NNNRTAATNANNN	TGTTAATTATCAA
M0013		0.84907				
7	V\$OCT1_03	2	1010	(+)	NNNRTAATNANNN	ATTGCAATCAAAT
M0016		0.82656				
2	V\$OCT1_06	2	1012	(-)	CWNAWTKWSATRYN	TGCAATCAAATTAT
M0016		0.87382				
2	V\$OCT1_06	8	1013	(-)	CWNAWTKWSATRYN	GCAATCAAATTATG
M0013		0.88976				
7	V\$OCT1_03	7	1016	(-)	NNNRTAATNANNN	ATCAAATTATGAT
M0016		0.89960				
2	V\$OCT1_06	9	1018	(+)	CWNAWTKWSATRYN	CAAATTATGATGCA
M0016		0.83437				
2	V\$OCT1_06	5	1035	(+)	CWNAWTKWSATRYN	ATACATTAAATAAA
M0016		0.91132				
2	V\$OCT1_06	8	1036	(-)	CWNAWTKWSATRYN	TACATTAAATAAAC
M0013		0.81325			NNNNNNNWATGCAAATNNN	ACATTAAATAAACATGTTAGA-
8	V\$OCT1_04	8	1037	(-)	WNNW	CA
M0013		0.86250				
7	V\$OCT1_03	5	1041	(+)	NNNRTAATNANNN	TAAATAAACATGT
M0024		0.81704				
8	V\$OCT1_07	5	1043	(-)	TNTATGNTAATT	AATAAACATGTT

M0016		0.82929				
2	V\$OCT1_06	7	1047	(-)	CWNAWTKWSATRYN	AACATGTTAGACAC
M0016		0.92460				
2	V\$OCT1_06	9	1058	(-)	CWNAWTKWSATRYN	CACATTAAATTAAC
M0013		0.81618			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	6	1059	(-)	WNNW	ACATTAAATTAACACAATGTTAT
M0013		0.78481				
5	V\$OCT1_01	5	1061	(-)	NNNNWTATGCAAATNTNNN	ATTAAATTAACACAATGTT
M0024		0.87110				
8	V\$OCT1_07	5	1065	(-)	TNTATGNTAATT	AATTAACACAAT
M0016		0.89453				
2	V\$OCT1_06	1	1071	(+)	CWNAWTKWSATRYN	CACAATGTTATATA
M0016		0.81210				
2	V\$OCT1_06	9	1073	(+)	CWNAWTKWSATRYN	CAATGTTATATATT
M0024		0.79351				
8	V\$OCT1_07	3	1079	(+)	TNTATGNTAATT	TATATATTAAAT
M0016		0.84218				
2	V\$OCT1_06	7	1080	(+)	CWNAWTKWSATRYN	ATATATTAAATCTA
M0016		0.84726				
2	V\$OCT1_06	6	1081	(-)	CWNAWTKWSATRYN	TATATTAAATCTAT
M0013		0.85302				
7	V\$OCT1_03	3	1130	(+)	NNNRATAATNANNN	TTCATAAGGAGCT
M0016		0.84257				
2	V\$OCT1_06	8	1151	(+)	CWNAWTKWSATRYN	TTCAATGAAATTTG
M0013		0.82685			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	1	1188	(-)	WNNW	TGCTCAAATTTGAACTCACATTA
M0016		0.83984				
2	V\$OCT1_06	4	1192	(+)	CWNAWTKWSATRYN	CAAATTTGAACTCA
M0016		0.85273				
2	V\$OCT1_06	4	1199	(-)	CWNAWTKWSATRYN	GAACTCACATTAAG
M0016		0.82929				
2	V\$OCT1_06	7	1204	(-)	CWNAWTKWSATRYN	CACATTAAAGTTCTT
M0016		0.83945				
2	V\$OCT1_06	3	1221	(+)	CWNAWTKWSATRYN	CATTCAGTGATATT
M0013						
6	V\$OCT1_02	0.82079	1226	(+)	NNGAATATKCANNNN	AGTGATATTCCATCA
M0013		0.78000			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	8	1280	(+)	WNNW	ATTCTTACCTGGAAATCAAAATT
M0016		0.80078				
2	V\$OCT1_06	1	1290	(-)	CWNAWTKWSATRYN	GGAAATCAAAATTG
M0013		0.84393				
7	V\$OCT1_03	5	1320	(-)	NNNRATAATNANNN	CGCTCTTTATCAA
M0016		0.81210				
2	V\$OCT1_06	9	1338	(-)	CWNAWTKWSATRYN	AACTTCTAACTCTG
M0016		0.86054				
2	V\$OCT1_06	7	1365	(-)	CWNAWTKWSATRYN	TAAAACTCAGTTTG
M0013		0.73197				
5	V\$OCT1_01	3	1370	(+)	NNNNWTATGCAAATNTNNN	CTCAGTTTGCAGGTTTCAA
M0013					NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	0.7844	1388	(-)	WNNW	AGTCTATACAAGCATGA-TAACAA
M0013		0.80468			NNNNNNNWWATGCAAATNNN	TGATAACAATGGCTATAACAA-GA
8	V\$OCT1_04	4	1402	(+)	WNNW	
M0016		0.82929				
2	V\$OCT1_06	7	1427	(+)	CWNAWTKWSATRYN	TAGTATTTAATTTA
M0016						
2	V\$OCT1_06	0.9375	1428	(-)	CWNAWTKWSATRYN	AGTATTTAATTTAT
M0024		0.79330				
8	V\$OCT1_07	1	1428	(+)	TNTATGNTAATT	AGTATTTAATTT
M0016		0.82890				
2	V\$OCT1_06	6	1435	(+)	CWNAWTKWSATRYN	AATTATAAATGCA
M0013		0.83814			NNNNNNNWWATGCAAATNNN	
8	V\$OCT1_04	3	1436	(+)	WNNW	ATTATAAATGCAAGATTTATTA
M0013		0.77260				
5	V\$OCT1_01	6	1438	(+)	NNNNWTATGCAAATNTNNN	TTATAAATGCAAGATTTAT
M0016		0.88554				
2	V\$OCT1_06	7	1441	(-)	CWNAWTKWSATRYN	TAAATGCAAGATTT

M0013		0.84734			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	1447	(+)	WNNW	CAAGATTTATTAATATTTTAAAA
M0013		0.80698			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	1448	(-)	WNNW	AAGATTTATTAATATTTTAAAAA
M0016		0.81328				
2	V\$OCT1_06	1	1450	(+)	CWNAWTKWSATRYN	GATTTATTAATATT
M0013		0.80677			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	1453	(+)	WNNW	TTATTAATATTTTAAAAATCTAA
M0013		0.80196			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	1454	(-)	WNNW	TATTAATATTTTAAAAATCTAAA
M0013		0.79344				
6	V\$OCT1_02	9	1455	(+)	NNGAATATKCANNNN	ATTAATATTTTAAAA
M0016		0.82656				
2	V\$OCT1_06	2	1458	(-)	CWNAWTKWSATRYN	AATATTTTAAAAAT
M0016		0.80039				
2	V\$OCT1_06	1	1459	(+)	CWNAWTKWSATRYN	ATATTTTAAAAATC
M0013		0.80217			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	1462	(+)	WNNW	TTTTAAAAATCTAAATGTTATA
M0016		0.83437				
2	V\$OCT1_06	5	1467	(-)	CWNAWTKWSATRYN	AAAATCTAAAATGT
M0016		0.82929				
2	V\$OCT1_06	7	1468	(+)	CWNAWTKWSATRYN	AAATCTAAAATGTT
M0013		0.78168			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	1471	(-)	WNNW	TCTAAAATGTTATATGATCTTTC
M0016		0.81210				
2	V\$OCT1_06	9	1473	(+)	CWNAWTKWSATRYN	TAAAATGTTATATG
M0013		0.80656			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	1504	(+)	WNNW	ATTTAGCTTTTCAAATCAAATAA
M0016		0.89062				
2	V\$OCT1_06	5	1515	(-)	CWNAWTKWSATRYN	CAAATCAAATAAAT
M0013		0.86606				
7	V\$OCT1_03	1	1520	(+)	NNNRTAATNANNN	CAAATAAATAGGT
M0013		0.79025			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	1559	(+)	WNNW	GAAAGATAAGGTTAATTTATTTTC
M0024		0.81704				
8	V\$OCT1_07	5	1564	(+)	TNTATGNTAATT	ATAAGGTTAATT
M0016		0.82656				
2	V\$OCT1_06	2	1569	(+)	CWNAWTKWSATRYN	GTAAATTTATTCT
M0013		0.83918			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	1573	(+)	WNNW	ATTTATTTCTTCAAATATTTTCAT
M0013		0.75925				
5	V\$OCT1_01	2	1575	(+)	NNNNWTATGCAAATNTNNN	TTATTTCTTCAAATATTTTC
M0016		0.86289				
2	V\$OCT1_06	1	1585	(+)	CWNAWTKWSATRYN	AAATATTTTCATCCA
M0016		0.86835				
2	V\$OCT1_06	9	1586	(-)	CWNAWTKWSATRYN	AATATTTTCATCCAG
M0016		0.82695				
2	V\$OCT1_06	3	1600	(+)	CWNAWTKWSATRYN	AAACTGTAATTGT
M0016						
2	V\$OCT1_06	0.85	1601	(-)	CWNAWTKWSATRYN	AAACTGTAATTGTC
M0013		0.75181				
5	V\$OCT1_01	2	1604	(-)	NNNNWTATGCAAATNTNNN	CTGTAATTGTCATATCTTA
M0016		0.87398				
1	V\$OCT1_05	3	1606	(+)	MKNATTTGCATAYY	GTAATTGTCATATC
M0016		0.92968				
2	V\$OCT1_06	8	1606	(+)	CWNAWTKWSATRYN	GTAATTGTCATATC
M0019		0.85835				
5	V\$OCT1_Q6	2	1606	(-)	NNNNATGCAAATNAN	GTAATTGTCATATCT
M0016		0.81601				
2	V\$OCT1_06	6	1607	(-)	CWNAWTKWSATRYN	TAATTGTCATATCT
M0024		0.79139				
8	V\$OCT1_07	3	1608	(-)	TNTATGNTAATT	AATTGTCATATC
M0013		0.80656			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	1611	(-)	WNNW	TGTCATATCTTACATTTTTTCAT
M0016		0.89843				
2	V\$OCT1_06	7	1615	(+)	CWNAWTKWSATRYN	ATATCTTACATTTT

M0016		0.84726				
2	V\$OCT1_06	6	1616	(-)	CWNAWTKWSATRYN	TATCTTACATTTTT
M0013		0.81242			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	1619	(-)	WNNW	CTTACATTTTTTTCATTAAATTGA
M0016		0.86054				
2	V\$OCT1_06	7	1623	(+)	CWNAWTKWSATRYN	CATTTTTTCATTAA
M0016		0.84765				
2	V\$OCT1_06	6	1629	(-)	CWNAWTKWSATRYN	TTCATTAAATTGAT
M0013		0.79715			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	1636	(+)	WNNW	AATTGATCAAGCTAATTATATAA
M0013		0.75238				
5	V\$OCT1_01	5	1638	(+)	NNNNWTATGCAAATNTNNN	TTGATCAAGCTAATTATAT
M0016		0.86020				
1	V\$OCT1_05	3	1641	(-)	MKNATTTGCATAYY	ATCAAGCTAATTAT
M0024		0.82382				
8	V\$OCT1_07	9	1641	(+)	TNTATGNTAATT	ATCAAGCTAATT
M0013		0.86527				
7	V\$OCT1_03	1	1644	(+)	NNNRATAATNANNN	AAGCTAATTATAT
M0013		0.87909				
7	V\$OCT1_03	9	1645	(-)	NNNRATAATNANNN	AGCTAATTATATA
M0013		0.91189				
7	V\$OCT1_03	3	1660	(-)	NNNRATAATNANNN	TTATGATTACTGG
M0013		0.87514				
7	V\$OCT1_03	8	1676	(-)	NNNRATAATNANNN	AGCAGATTATGAA
M0013		0.80122				
5	V\$OCT1_01	1	1678	(+)	NNNNWTATGCAAATNTNNN	CAGATTATGAAAAATGCAG
M0013		0.77422				
6	V\$OCT1_02	8	1678	(+)	NNGAATATKCANNNN	CAGATTATGAAAAAT
M0016		0.81601				
2	V\$OCT1_06	6	1680	(+)	CWNAWTKWSATRYN	GATTATGAAAAATG
M0013		0.79561				
6	V\$OCT1_02	5	1685	(+)	NNGAATATKCANNNN	TGAAAAATGCAGTTT
M0013		0.77016				
6	V\$OCT1_02	8	1688	(-)	NNGAATATKCANNNN	AAAATGCAGTTTCAG
M0013		0.84907				
7	V\$OCT1_03	2	1716	(-)	NNNRATAATNANNN	ATCTCTTTAAGTA
M0013		0.77666				
6	V\$OCT1_02	5	1719	(-)	NNGAATATKCANNNN	TCTTTAAGTATTCCT
M0013		0.78460			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	1719	(-)	WNNW	TCTTTAAGTATTCCTACTAGATC
M0016		0.81367				
2	V\$OCT1_06	2	1740	(-)	CWNAWTKWSATRYN	TCAATCACAGAATT
M0016		0.80429				
2	V\$OCT1_06	7	1747	(+)	CWNAWTKWSATRYN	CAGAATTAGAGAAT
M0016		0.80078				
2	V\$OCT1_06	1	1748	(-)	CWNAWTKWSATRYN	AGAATTAGAGAATT
M0016		0.85507				
2	V\$OCT1_06	8	1755	(+)	CWNAWTKWSATRYN	GAGAATTCAGACA
M0016		0.86484				
2	V\$OCT1_06	4	1756	(-)	CWNAWTKWSATRYN	AGAATTCAGACAT
M0016		0.84257				
2	V\$OCT1_06	8	1765	(-)	CWNAWTKWSATRYN	GACATTCAGTTCA
M0016		0.87382				
2	V\$OCT1_06	8	1777	(+)	CWNAWTKWSATRYN	CAAACCTTTATTTA
M0013		0.80489			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	1778	(+)	WNNW	AAACTTTTATTATAGGCAAAAA
M0013		0.79945			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	1784	(+)	WNNW	TTATTTATAGGCAAAAAAGAATAC
M0013		0.76058				
5	V\$OCT1_01	8	1786	(+)	NNNNWTATGCAAATNTNNN	ATTATAGGCAAAAAAGAAT
M0013		0.78565			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	1812	(+)	WNNW	CCAGATAAAGGGAAATACTTATT
M0013					NNNNNNNNWATGCAAATNNN	AAAGGGAAA-
8	V\$OCT1_04				WNNW	TACTTATTCAAAGT
M0013		0.82936			NNNNNNNNWATGCAAATNNN	AAATACTTATTCAAAGTAGA-
8	V\$OCT1_04	4	1824	(+)	WNNW	GAA

M0013						
5	V\$OCT1_01	0.77852	1826	(+)	NNNNWTATGCAAATNTNNN	ATACTTATTCAAAGTAGAG
M0013						
6	V\$OCT1_02	0.80536	1826	(+)	NNGAATATKCANNNN	ATACTTATTCAAAGT
M0019		0.81195				
5	V\$OCT1_Q6	4	1828	(+)	NNNNATGCAAATNAN	ACTTATTCAAAGTAG
M0016		0.81914				
2	V\$OCT1_06	1	1829	(-)	CWNAWTKWSATRYN	CTTATTCAAAGTAG
M0016		0.85546				
2	V\$OCT1_06	9	1934	(-)	CWNAWTKWSATRYN	GCTATCTAATTCTT
M0016		0.81640				
2	V\$OCT1_06	6	1948	(+)	CWNAWTKWSATRYN	TAGCCTGGCATTTA
M0016		0.81640				
2	V\$OCT1_06	6	1953	(+)	CWNAWTKWSATRYN	TGGCATTTAATGCC
M0016		0.88046				
2	V\$OCT1_06	9	1954	(-)	CWNAWTKWSATRYN	GGCATTTAATGCCT
M0016		0.80976				
2	V\$OCT1_06	6	1990	(-)	CWNAWTKWSATRYN	TCTATCCAACTTTG
M0019		0.81522				
5	V\$OCT1_Q6	9	2016	(+)	NNNNATGCAAATNAN	CTCCATTCAAATGCC
M0016		0.81406				
2	V\$OCT1_06	2	2017	(-)	CWNAWTKWSATRYN	TCCATTCAAATGCC
M0013		0.80050			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2024	(+)	WNNW	AAATGCCCATGGATATTCCTAAG
M0013		0.86789				
6	V\$OCT1_02	4	2029	(-)	NNGAATATKCANNNN	CCCATGGATATTCCT
M0013		0.84894				
6	V\$OCT1_02	4	2032	(+)	NNGAATATKCANNNN	ATGGATATTCCTAAG
M0013						
7	V\$OCT1_03	0.84275	2039	(+)	NNNRTAATNANNN	TTCCTAAGGAGTT
M0013		0.79673			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	2075	(-)	WNNW	TATTAATCTCTGCATGGGCAAGT
M0013		0.76650				
5	V\$OCT1_01	1	2101	(+)	NNNNWTATGCAAATNTNNN	ACCTATATGCTATGTCCTA
M0013		0.77043				
6	V\$OCT1_02	9	2101	(+)	NNGAATATKCANNNN	ACCTATATGCTATGT
M0016		0.82148				
2	V\$OCT1_06	4	2104	(-)	CWNAWTKWSATRYN	TATATGCTATGTCC
M0024		0.79923				
8	V\$OCT1_07	7	2104	(+)	TNTATGNTAATT	TATATGCTATGT
M0016		0.80039				
2	V\$OCT1_06	1	2127	(+)	CWNAWTKWSATRYN	AATTTATTGATTTC
M0016		0.83203				
2	V\$OCT1_06	1	2199	(+)	CWNAWTKWSATRYN	CTAACAGTGATTTG
M0019						
5	V\$OCT1_Q6	0.85071	2205	(-)	NNNNATGCAAATNAN	GTGATTTGTGTACAT
M0016		0.82695				
2	V\$OCT1_06	3	2227	(+)	CWNAWTKWSATRYN	CTTCCTAAAATTTA
M0016		0.81718				
2	V\$OCT1_06	7	2231	(+)	CWNAWTKWSATRYN	CTAAAATTTATGTT
M0016		0.81367				
2	V\$OCT1_06	2	2233	(-)	CWNAWTKWSATRYN	AAAATTTATGTTAC
M0013		0.73082				
5	V\$OCT1_01	8	2234	(+)	NNNNWTATGCAAATNTNNN	AAATTTATGTTACTTGACC
M0024		0.89039				
8	V\$OCT1_07	6	2237	(+)	TNTATGNTAATT	TTTATGTTACTT
M0019		0.80540				
5	V\$OCT1_Q6	4	2304	(-)	NNNNATGCAAATNAN	GTTATTGGTACATAT
M0016		0.83437				
2	V\$OCT1_06	5	2314	(-)	CWNAWTKWSATRYN	CATATGAAACGAAT
M0016		0.80859				
2	V\$OCT1_06	4	2336	(+)	CWNAWTKWSATRYN	AACCTTGTAATGAC
M0013		0.90438				
7	V\$OCT1_03	6	2339	(+)	NNNRTAATNANNN	CTTGTAATGACTC
M0016		0.80039				
2	V\$OCT1_06	1	2361	(-)	CWNAWTKWSATRYN	CATAACCAAAAATT

M0016		0.93242				
2	V\$OCT1_06	2	2368	(+)	CWNAWTKWSATRYN	AAAAATTAAATTCA
M0013		0.85048			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2369	(+)	WNNW	AAAATTAAATTCATATATTTTCCT
M0016		0.90390				
2	V\$OCT1_06	6	2369	(-)	CWNAWTKWSATRYN	AAAATTAAATTCAT
M0013		0.80211				
6	V\$OCT1_02	2	2371	(+)	NNGAATATKCANNNN	AATTAAATTCATATA
M0016		0.86015				
2	V\$OCT1_06	6	2372	(+)	CWNAWTKWSATRYN	ATTAAATTCATATA
M0016		0.81367				
2	V\$OCT1_06	2	2374	(-)	CWNAWTKWSATRYN	TAAATTCATATATT
M0016		0.82109				
2	V\$OCT1_06	4	2381	(+)	CWNAWTKWSATRYN	ATATATTTCTACC
M0013		0.81409			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2405	(-)	WNNW	TCTAAAGCTTTTAATAAAAATAGA
M0016		0.81367				
2	V\$OCT1_06	2	2409	(+)	CWNAWTKWSATRYN	AAGCTTTTAATAAAA
M0013		0.85223				
7	V\$OCT1_03	2	2412	(+)	NNNRTAATNANNN	CTTTTAATAAAAAT
M0016		0.84726				
2	V\$OCT1_06	6	2418	(+)	CWNAWTKWSATRYN	ATAAAATAGATTTT
M0016		0.81328				
2	V\$OCT1_06	1	2425	(+)	CWNAWTKWSATRYN	AGATTTTTCACATT
M0016		0.80859				
2	V\$OCT1_06	4	2455	(+)	CWNAWTKWSATRYN	CATTCTGGCTTTTC
M0016		0.84726				
2	V\$OCT1_06	6	2476	(-)	CWNAWTKWSATRYN	TAAATCAAATAAAAA
M0016		0.86054				
2	V\$OCT1_06	7	2531	(+)	CWNAWTKWSATRYN	GTTAATCTAATGTT
M0016		0.84218				
2	V\$OCT1_06	7	2532	(-)	CWNAWTKWSATRYN	TTAATCTAATGTTT
M0013		0.83396			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2536	(-)	WNNW	TCTAATGTTTTTAATTTAATTTT
M0016		0.86992				
2	V\$OCT1_06	2	2540	(+)	CWNAWTKWSATRYN	ATGTTTTTAATTTA
M0016		0.86054				
2	V\$OCT1_06	7	2545	(+)	CWNAWTKWSATRYN	TTTAATTTAATTTT
M0024		0.83167				
8	V\$OCT1_07	3	2545	(+)	TNTATGNTAATT	TTTAATTTAATT
M0013		0.88818				
7	V\$OCT1_03	6	2560	(+)	NNNRTAATNANNN	GGTGCAATGATGA
M0016		0.81640				
2	V\$OCT1_06	6	2607	(+)	CWNAWTKWSATRYN	AACCCTGCCATTTT
M0016						
2	V\$OCT1_06	0.88125	2627	(+)	CWNAWTKWSATRYN	GTTAATTTTCATCTA
M0013						
7	V\$OCT1_03	0.88226	2635	(+)	NNNRTAATNANNN	CATCTAATCAGTT
M0016		0.95039				
2	V\$OCT1_06	1	2648	(-)	CWNAWTKWSATRYN	TGTATCAAATTTTT
M0013		0.80677			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2651	(+)	WNNW	ATCAAATTTTTTAAATTTATTGA
M0013		0.81095			NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	2652	(-)	WNNW	TCAAATTTTTTAAATTTATTGAA
M0016		0.80039				
2	V\$OCT1_06	1	2655	(+)	CWNAWTKWSATRYN	AATTTTTTAAATTT
M0016		0.89062				
2	V\$OCT1_06	5	2656	(+)	CWNAWTKWSATRYN	ATTTTTTAAATTTA
M0016		0.83437				
2	V\$OCT1_06	5	2662	(-)	CWNAWTKWSATRYN	TAAATTTATTGAAG
M0013					NNNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.83647	2678	(+)	WNNW	CTTTAATTGTGTAAATTTCTAAA
M0013		0.83555				
5	V\$OCT1_01	9	2680	(+)	NNNNWTATGCAAATNTNNN	TTAATTGTGTAAATTTCTA
M0024		0.84714				
8	V\$OCT1_07	9	2683	(+)	TNTATGNTAATT	ATTGTGTAAATT

M0013		0.78628			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	2	2687	(-)	WNNW	TGTAAATTTCTAAATACAGTTAT
M0016		0.82109				
2	V\$OCT1_06	4	2691	(+)	CWNAWTKWSATRYN	AATTTCTAAATACA
M0013		0.78481			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	2704	(-)	WNNW	AGTTATATTTTATAGAACAAAAT
M0013					NNNNNNNWATGCAAATNNN	ACAAAATAGC-
8	V\$OCT1_04	0.789	2720	(-)	WNNW	TACATAAGTAATT
M0016		0.85507				
2	V\$OCT1_06	8	2732	(-)	CWNAWTKWSATRYN	CATAAGTAATTTAT
M0016		0.81367				
2	V\$OCT1_06	2	2736	(+)	CWNAWTKWSATRYN	AGTAATTTATTTTT
M0019		0.80349				
5	V\$OCT1_Q6	3	2737	(-)	NNNNATGCAAATNAN	GTAATTTATTTTTAC
M0013		0.86783			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	2739	(-)	WNNW	AATTTATTTTACATTTATTTTT
M0013		0.75848				
5	V\$OCT1_01	9	2741	(-)	NNNNWTATGCAAATNTNNN	TTTATTTTACATTTATTT
M0016		0.86289				
2	V\$OCT1_06	1	2743	(+)	CWNAWTKWSATRYN	TATTTTTACATTTA
M0016		0.86289				
2	V\$OCT1_06	1	2749	(-)	CWNAWTKWSATRYN	TACATTTATTTTTC
M0013		0.79903			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	2750	(-)	WNNW	ACATTTATTTTCTTATTAAAGT
M0016						
2	V\$OCT1_06	0.80625	2762	(-)	CWNAWTKWSATRYN	CTTATTAAAGTCAT
M0016		0.86015				
2	V\$OCT1_06	6	2765	(+)	CWNAWTKWSATRYN	ATTAAAGTCATATT
M0013		0.80671				
6	V\$OCT1_02	4	2767	(-)	NNGAATATKCANNNN	TAAAGTCATATTCTT
M0013		0.79750				
6	V\$OCT1_02	9	2770	(+)	NNGAATATKCANNNN	AGTCATATTCTTCTG
M0013		0.79590			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2774	(+)	WNNW	ATATTCTTCTGGATATTCTTCTG
M0013						
6	V\$OCT1_02	0.86654	2779	(-)	NNGAATATKCANNNN	CTTCTGGATATTCTT
M0013		0.82214				
6	V\$OCT1_02	4	2782	(+)	NNGAATATKCANNNN	CTGGATATTCTTCTG
M0013						
7	V\$OCT1_03	0.86448	2804	(+)	NNNRTAATNANNN	GGAATAAAGAAAT
M0016		0.80039				
2	V\$OCT1_06	1	2837	(+)	CWNAWTKWSATRYN	AAACCTTTAAAATT
M0016		0.82890				
2	V\$OCT1_06	6	2838	(-)	CWNAWTKWSATRYN	AACCTTTAAAATTC
M0013		0.78586				
6	V\$OCT1_02	9	2842	(+)	NNGAATATKCANNNN	TTTAAAATTCTTATA
M0016		0.82929				
2	V\$OCT1_06	7	2863	(+)	CWNAWTKWSATRYN	AGAAAATACATTTG
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.82225	2881	(+)	WNNW	GAAAAATCCTGAAAATATTTTTA
M0013		0.82245			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	9	2891	(+)	WNNW	GAAAATATTTTTAAATTATAATA
M0013		0.84943			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	5	2892	(-)	WNNW	AAAATATTTTTAAATTATAATAT
M0016		0.83945				
2	V\$OCT1_06	3	2896	(-)	CWNAWTKWSATRYN	TATTTTTAAATTAT
M0024		0.80771				
8	V\$OCT1_07	7	2896	(+)	TNTATGNTAATT	TATTTTTAAATT
M0013		0.85173			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	6	2898	(-)	WNNW	TTTTTAAATTATAATATGCACTT
M0013		0.75276				
5	V\$OCT1_01	6	2900	(-)	NNNNWTATGCAAATNTNNN	TTTAAATTATAATATGCAC
M0016		0.86601				
2	V\$OCT1_06	6	2902	(-)	CWNAWTKWSATRYN	TAAATTATAATATG
M0013		0.82601			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	2904	(-)	WNNW	AATTATAATATGCACTTAAAATA

M0024		0.81322				
8	V\$OCT1_07	9	2904	(-)	TNTATGNTAATT	AATTATAATATG
M0013		0.91418				
6	V\$OCT1_02	5	2907	(+)	NNGAATATKCANNNN	TATAATATGCACTTA
M0013		0.81723			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	1	2909	(+)	WNNW	TAATATGCACTTAAAAATAATTCA
M0024		0.81238				
8	V\$OCT1_07	1	2917	(-)	TNTATGNTAATT	ACTTAAAAATAAT
M0013		0.79652			NNNNNNNWATGCAAATNNN	TTAAAAATAATTCACAAAAAA-
8	V\$OCT1_04	9	2919	(+)	WNNW	TAA
M0013		0.78532				
6	V\$OCT1_02	8	2921	(+)	NNGAATATKCANNNN	AAAATAATTCACAAA
M0024		0.79817				
8	V\$OCT1_07	7	2926	(-)	TNTATGNTAATT	AATTCACAAAAA
M0013		0.78523			NNNNNNNWATGCAAATNNN	ACAAAAATAAATATATAAAC-
8	V\$OCT1_04	6	2931	(-)	WNNW	CA
M0016		0.85507				
2	V\$OCT1_06	8	2933	(+)	CWNAWTKWSATRYN	AAAAAATAAATATA
M0016		0.80039				
2	V\$OCT1_06	1	2934	(-)	CWNAWTKWSATRYN	AAAAAATAAATATAT
M0024		0.79351				
8	V\$OCT1_07	3	2937	(-)	TNTATGNTAATT	AATAAATATATA
M0019		0.81304				
5	V\$OCT1_Q6	6	2940	(+)	NNNNATGCAAATNAN	AAATATATAAACCAT
M0013		0.80740			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	2970	(+)	WNNW	ATGTTTTAGTTAAATTCCTATT
M0013		0.81660			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	2971	(-)	WNNW	TGTTTTAGTTAAATTCCTATT
M0024		0.80771				
8	V\$OCT1_07	7	2975	(+)	TNTATGNTAATT	TTTAGTTAAATT
M0016		0.81367				
2	V\$OCT1_06	2	2981	(-)	CWNAWTKWSATRYN	TAAATTCCTATTTTC
M0013		0.76230				
5	V\$OCT1_01	4	2989	(+)	NNNNWTATGCAAATNTNNN	TATTTCATGCAAACCTCAA
M0019		0.79257				
5	V\$OCT1_Q6	6	2991	(+)	NNNNATGCAAATNAN	TTTCATGCAAACCTCC
M0024		0.81916				
8	V\$OCT1_07	5	2992	(+)	TNTATGNTAATT	TTCATGCAAACCT
M0016		0.82695				
2	V\$OCT1_06	3	2998	(-)	CWNAWTKWSATRYN	CAAACCTCCAATTTG
M0016		0.80078				
2	V\$OCT1_06	1	3015	(-)	CWNAWTKWSATRYN	CGAAACTAAATCCT
M0013		0.79673			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	8	3019	(+)	WNNW	ACTAAATCCTTAAAATATTAGGA
M0016		0.81367				
2	V\$OCT1_06	2	3024	(+)	CWNAWTKWSATRYN	ATCCTTAAAATATT
M0013		0.84116				
7	V\$OCT1_03	9	3030	(-)	NNNRTAATNANNN	AAAATATTAGGAA
M0016		0.81328				
2	V\$OCT1_06	1	3063	(-)	CWNAWTKWSATRYN	AATTCAAATAACT
M0016		0.88359				
2	V\$OCT1_06	4	3072	(+)	CWNAWTKWSATRYN	TAACCTGACATGTA
M0016		0.84179				
2	V\$OCT1_06	7	3073	(-)	CWNAWTKWSATRYN	AACTTGACATGTAC
M0016		0.81445				
2	V\$OCT1_06	3	3078	(-)	CWNAWTKWSATRYN	GACATGTACTTTTA
M0013					NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	0.82936	3079	(-)	WNNW	ACATGTACTTTTAATATTTAAGT
M0016		0.85090				
1	V\$OCT1_05	5	3083	(+)	MKNATTGTCATAYY	GTACTTTTAATATT
M0016		0.89570				
2	V\$OCT1_06	3	3083	(+)	CWNAWTKWSATRYN	GTACTTTTAATATT
M0019						
5	V\$OCT1_Q6	0.81714	3083	(-)	NNNNATGCAAATNAN	GTACTTTTAATATTT
M0016		0.83671				
2	V\$OCT1_06	9	3084	(-)	CWNAWTKWSATRYN	TACTTTTAATATT

M0013		0.79046			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	4	3086	(+)	WNNW	CTTTAATATTTAAGTGATTGT
M0013		0.80590				
6	V\$OCT1_02	1	3088	(+)	NNGAATATKCANNNN	TTTAATATTTAAGTG
M0016		0.85507				
2	V\$OCT1_06	8	3091	(+)	CWNAWTKWSATRYN	AATATTTAAGTGTA
M0016		0.85546				
2	V\$OCT1_06	9	3091	(-)	CWNAWTKWSATRYN	AATATTTAAGTGTA
M0024		0.83930				
8	V\$OCT1_07	5	3101	(+)	TNTATGNTAATT	TGTATTGTA ACT
M0013		0.78126			NNNNNNNWATGCAAATNNN	
8	V\$OCT1_04	3	3108	(+)	WNNW	TAAC TTT
M0022		0.80841				
3	V\$STAT_01	9	173	(+)	TTCCCRKAA	TTCACAGCA
M0022		0.88858				
3	V\$STAT_01	1	212	(-)	TTCCCRKAA	TTAGAAGAA
M0022		0.85152				
3	V\$STAT_01	5	317	(+)	TTCCCRKAA	TTATGATAA
M0022		0.88807				
3	V\$STAT_01	7	317	(-)	TTCCCRKAA	TTATGATAA
M0022						
3	V\$STAT_01	0.80968	398	(+)	TTCCCRKAA	TTCTTAAAA
M0022		0.85354				
3	V\$STAT_01	2	469	(-)	TTCCCRKAA	TTTTAGGAA
M0022		0.84345				
3	V\$STAT_01	9	691	(-)	TTCCCRKAA	TGATAAGAA
M0022		0.83488				
3	V\$STAT_01	8	724	(+)	TTCCCRKAA	TTATGCTAA
M0022		0.81925				
3	V\$STAT_01	9	724	(-)	TTCCCRKAA	TTATGCTAA
M0022		0.80589				
3	V\$STAT_01	9	755	(-)	TTCCCRKAA	TTACAAGAT
M0022		0.79253				
3	V\$STAT_01	8	802	(-)	TTCCCRKAA	TTATAAAAA
M0022		0.83690				
3	V\$STAT_01	4	1161	(-)	TTCCCRKAA	TTTGAGGAA
M0022		0.79581				
3	V\$STAT_01	5	1272	(-)	TTCCCRKAA	TTCTAGTCA
M0022		0.73851				
4	V\$STAT1_01	5	1279	(-)	NNNSANTTCCGGAANTGNSN	CATTCTTACCTGGAAATCAAA
M0022		0.73019				
5	V\$STAT3_01	6	1279	(+)	NGNNATTCCSGGAARTGN NN	CATTCTTACCTGGAAATCAAA
M0022		0.75959				
5	V\$STAT3_01	4	1279	(-)	NGNNATTCCSGGAARTGN NN	CATTCTTACCTGGAAATCAAA
M0022		0.85681				
3	V\$STAT_01	9	1285	(+)	TTCCCRKAA	TACCTGGAA
M0022		0.79959				
3	V\$STAT_01	7	1491	(-)	TTCCCRKAA	TTCTAAAAA
M0022		0.79304				
3	V\$STAT_01	3	1579	(+)	TTCCCRKAA	TTCTTCAAA
M0022		0.81295				
3	V\$STAT_01	7	1666	(+)	TTCCCRKAA	TTACTGGAG
M0022		0.81925				
3	V\$STAT_01	9	1682	(-)	TTCCCRKAA	TTATGAAAA
M0022		0.83261				
3	V\$STAT_01	9	1788	(-)	TTCCCRKAA	TTATAGGCA
M0022		0.81976				
3	V\$STAT_01	3	1869	(+)	TTCCCRKAA	TTCTCCAAA
M0022		0.72962				
4	V\$STAT1_01	3	1896	(-)	NNNSANTTCCGGAANTGNSN	AGTTTCTTACCTGAAGCCACT
M0022		0.71310				
5	V\$STAT3_01	6	1896	(-)	NGNNATTCCSGGAARTGN NN	AGTTTCTTACCTGAAGCCACT
M0022		0.85354				
3	V\$STAT_01	2	1902	(+)	TTCCCRKAA	TTACCTGAA
M0022		0.84371				
3	V\$STAT_01	1	1902	(-)	TTCCCRKAA	TTACCTGAA

M0022		0.84648				
3	V\$STAT_01	3	1977	(+)	TTCCCRKAA	TTGCCCTAA
M0022		0.76140				
4	V\$STAT1_01	3	2051	(-)	NNNSANTTCCGGAANTGNSN	TCTCTTTTCCTTGAAGTTCCT
M0022						
5	V\$STAT3_01	0.72614	2051	(+)	NGNNATTTCSSGGAARTGNNN	TCTCTTTTCCTTGAAGTTCCT
M0022		0.73830				
5	V\$STAT3_01	6	2051	(-)	NGNNATTTCSSGGAARTGNNN	TCTCTTTTCCTTGAAGTTCCT
M0022		0.87068				
3	V\$STAT_01	3	2057	(+)	TTCCCRKAA	TTCTTGAA
M0022		0.85354				
3	V\$STAT_01	2	2228	(+)	TTCCCRKAA	TTCTAAAA
M0022		0.79178				
3	V\$STAT_01	2	2387	(+)	TTCCCRKAA	TTCTACCA
M0022		0.83337				
3	V\$STAT_01	5	2513	(+)	TTCCCRKAA	TTATCAGCA
M0022		0.79505				
3	V\$STAT_01	9	2596	(+)	TTCCCRKAA	ATCTGGCA
M0022		0.81976				
3	V\$STAT_01	3	2633	(+)	TTCCCRKAA	TTCTCTAA
M0022		0.79052				
3	V\$STAT_01	2	2760	(+)	TTCCCRKAA	TTCTTATTA
M0022		0.83967				
3	V\$STAT_01	7	2799	(-)	TTCCCRKAA	CTCTAGGAA
M0022		0.80186				
3	V\$STAT_01	5	2875	(-)	TTCCCRKAA	TGGGGGGAA
M0022		0.81598				
3	V\$STAT_01	2	2953	(-)	TTCCCRKAA	ATAGAGGAA
M0022		0.72649				
4	V\$STAT1_01	4	2986	(-)	NNNSANTTCCGGAANTGNSN	TCCTATTTTCATGCAAACCTCCA
M0022		0.71296				
5	V\$STAT3_01	2	2986	(-)	NGNNATTTCSSGGAARTGNNN	TCCTATTTTCATGCAAACCTCCA
M0005		0.81913				
9	V\$YY1_01	5	32	(+)	NNNNNCCATNTWNNNNWN	TAACACCCTTTAATTAG
M0005		0.80340				
9	V\$YY1_01	8	215	(+)	NNNNNCCATNTWNNNNWN	GAAGAACATTTTCTTCC
M0005		0.79161				
9	V\$YY1_01	2	471	(-)	NNNNNCCATNTWNNNNWN	TTAGGAAGATGAAAGTA
M0005		0.80045				
9	V\$YY1_01	9	548	(+)	NNNNNCCATNTWNNNNWN	TAATTTTCATTTGTCATA
M0005						
9	V\$YY1_01	0.80865	691	(-)	NNNNNCCATNTWNNNNWN	TGATAAGAATGGTCTTA
M0005		0.90563				
9	V\$YY1_01	6	745	(+)	NNNNNCCATNTWNNNNWN	TACTACCATTTTACAAG
M0005		0.81487				
9	V\$YY1_01	5	754	(-)	NNNNNCCATNTWNNNNWN	TTACAAGATGTTTTTG
M0005		0.86664				
9	V\$YY1_01	5	783	(+)	NNNNNCCATNTWNNNNWN	TGATATCATTTTGCATG
M0005						
9	V\$YY1_01	0.78637	809	(+)	NNNNNCCATNTWNNNNWN	AAATTCATGATTCACC
M0005		0.77948				
9	V\$YY1_01	9	959	(-)	NNNNNCCATNTWNNNNWN	AAAAAGAAATGATAATT
M0005						
9	V\$YY1_01	0.78211	1138	(+)	NNNNNCCATNTWNNNNWN	GAGCTCCATTCTATTCA
M0005		0.79816				
9	V\$YY1_01	5	1215	(+)	NNNNNCCATNTWNNNNWN	CTTTTCCATTGAGTAT
M0005		0.77031				
9	V\$YY1_01	5	1248	(+)	NNNNNCCATNTWNNNNWN	TGAAGTCAGTTTAGTAG
M0005		0.83387				
9	V\$YY1_01	9	1280	(-)	NNNNNCCATNTWNNNNWN	ATTCTTACCTGGAAATC
M0005		0.77785				
9	V\$YY1_01	1	1393	(-)	NNNNNCCATNTWNNNNWN	ATACAAGCATGATAACA
M0005		0.78014				
9	V\$YY1_01	4	1402	(-)	NNNNNCCATNTWNNNNWN	TGATAACAATGGCTATA
M0005		0.83093				
9	V\$YY1_01	1	1476	(-)	NNNNNCCATNTWNNNNWN	AATGTTATATGATCTTT

M0005		0.84600				
9	V\$YY1_01	3	1683	(-)	NNNNNCCATNTWNNNWN	TATGAAAAATGCAGTTT
M0005		0.77195				
9	V\$YY1_01	3	1807	(+)	NNNNNCCATNTWNNNWN	TAGGGCCAGATAAAGGG
M0005		0.90760				
9	V\$YY1_01	2	1850	(-)	NNNNNCCATNTWNNNWN	AGCCCAAGATGGAGATC
M0005		0.77195				
9	V\$YY1_01	3	1860	(+)	NNNNNCCATNTWNNNWN	GGAGATCAGTTCTCAA
M0005		0.77752				
9	V\$YY1_01	3	1889	(+)	NNNNNCCATNTWNNNWN	TCACCTCAGTTTCTTAC
M0005		0.77391				
9	V\$YY1_01	9	2013	(+)	NNNNNCCATNTWNNNWN	TCCCTCCATTCAAATGC
M0005		0.78833				
9	V\$YY1_01	6	2137	(-)	NNNNNCCATNTWNNNWN	TTTCTTAACTGAACACT
M0005						
9	V\$YY1_01	0.80308	2374	(+)	NNNNNCCATNTWNNNWN	TAAATTCATATATTTC
M0005		0.78342				
9	V\$YY1_01	1	2388	(+)	NNNNNCCATNTWNNNWN	TCCTACCATTGGTTTT
M0005		0.80275				
9	V\$YY1_01	2	2561	(-)	NNNNNCCATNTWNNNWN	GTGCAATGATGAAGAGT
M0006		0.83059				
9	V\$YY1_02	6	2608	(+)	NNNCGGCCATCTTGNCTSNW	ACCCTGCCATTTTTGGTGAG
M0005		0.89056				
9	V\$YY1_01	4	2609	(+)	NNNNNCCATNTWNNNWN	CCCTGCCATTTTTGGTG
M0005		0.82830				
9	V\$YY1_01	9	2629	(+)	NNNNNCCATNTWNNNWN	TAATTTCACTAATCAG
M0005		0.80701				
9	V\$YY1_01	2	2637	(+)	NNNNNCCATNTWNNNWN	TCTAATCAGTTTGTATC
M0005		0.77785				
9	V\$YY1_01	1	2767	(+)	NNNNNCCATNTWNNNWN	TAAAGTCATATTCTTCT
M0005		0.77522				
9	V\$YY1_01	9	2821	(+)	NNNNNCCATNTWNNNWN	CTTTATCATCTAGAGAA
M0005		0.77522				
9	V\$YY1_01	9	2848	(-)	NNNNNCCATNTWNNNWN	ATTCTTATATGATAGAG
M0005						
9	V\$YY1_01	0.84633	2905	(-)	NNNNNCCATNTWNNNWN	ATTATAATATGCACTTA
M0005		0.79816				
9	V\$YY1_01	5	2946	(+)	NNNNNCCATNTWNNNWN	ATAAACCATAGAGGAAG
M0005		0.79456				
9	V\$YY1_01	1	2949	(-)	NNNNNCCATNTWNNNWN	AACCATAGAGGAAGATC
M0005		0.82241				
9	V\$YY1_01	2	2962	(-)	NNNNNCCATNTWNNNWN	GATCAGAAATGTTTTTA
M0005		0.78505				
9	V\$YY1_01	9	2981	(+)	NNNNNCCATNTWNNNWN	TAAATTCCTATTTCATG
CSN1S1 <i>Ovis Aries</i>						
		0.77366				
M00252	V\$TATA_01	2	53	(+)	STATAAAWRNNNNNN	TTATGTATACATATA
		0.78787				
M00252	V\$TATA_01	1	57	(+)	STATAAAWRNNNNNN	GTATACATATAAAAA
		0.77848				
M00252	V\$TATA_01	3	59	(+)	STATAAAWRNNNNNN	ATACATATAAAAAAA
		0.78188				
M00216	V\$TATA_C	5	60	(+)	NCTATAAAAR	TACATATAAA
		0.83608				
M00252	V\$TATA_01	2	61	(+)	STATAAAWRNNNNNN	ACATATAAAAAAACT
		0.87325				
M00216	V\$TATA_C	1	62	(+)	NCTATAAAAR	CATATAAAAA
		0.87668				
M00252	V\$TATA_01	1	63	(+)	STATAAAWRNNNNNN	ATATAAAAAAACTTA
		0.75178				
M00216	V\$TATA_C	2	64	(+)	NCTATAAAAR	TATAAAAAAA
		0.77010				
M00252	V\$TATA_01	9	65	(+)	STATAAAWRNNNNNN	ATAAAAAAACTTATT
		0.89384				
M00216	V\$TATA_C	7	177	(+)	NCTATAAAAR	AGCTTAAAAA

		0.81172				
M00216	V\$TATA_C	4	178	(+)	NCTATAAAAR	GCTTAAAAAT
		0.80131				
M00252	V\$TATA_01	9	178	(+)	STATAAAWRNNNNNN	GCTTAAAAATATATT
		0.77594				
M00252	V\$TATA_01	5	184	(+)	STATAAAWRNNNNNN	AAATATATTTGCAAA
		0.81806				
M00252	V\$TATA_01	6	186	(+)	STATAAAWRNNNNNN	ATATATTTGCAAAATG
		0.82519				
M00216	V\$TATA_C	1	243	(+)	NCTATAAAAR	CTTTTATAAA
		0.82161				
M00252	V\$TATA_01	9	244	(+)	STATAAAWRNNNNNN	TTTATAAAAGACCAA
		0.79376				
M00216	V\$TATA_C	8	245	(+)	NCTATAAAAR	TTTATAAAAGA
		0.87135				
M00252	V\$TATA_01	2	246	(+)	STATAAAWRNNNNNN	TTATAAGACCAAAT
		0.76102				
M00216	V\$TATA_C	5	270	(+)	NCTATAAAAR	ATTTTTAAAA
		0.87272				
M00216	V\$TATA_C	2	271	(+)	NCTATAAAAR	TTTTTAAAAAT
		0.85740				
M00216	V\$TATA_C	7	362	(+)	NCTATAAAAR	TCTGTAAAAT
		0.75917				
M00216	V\$TATA_C	6	387	(+)	NCTATAAAAR	AATTTATAAT
		0.75732				
M00216	V\$TATA_C	8	453	(+)	NCTATAAAAR	TCCATGTAAT
		0.81779				
M00216	V\$TATA_C	8	467	(+)	NCTATAAAAR	TTAATAAAAT
M00216	V\$TATA_C	0.81859	479	(+)	NCTATAAAAR	ATTTTATAAA
M00252	V\$TATA_01	0.84268	480	(+)	STATAAAWRNNNNNN	TTTTATAAGGAAAC
		0.80512				
M00216	V\$TATA_C	3	481	(+)	NCTATAAAAR	TTTATAAAGG
		0.82567				
M00252	V\$TATA_01	9	482	(+)	STATAAAWRNNNNNN	TTATAAGGAAACAC
		0.79370				
M00252	V\$TATA_01	7	512	(+)	STATAAAWRNNNNNN	AGATATAAATGATTA
		0.75125				
M00216	V\$TATA_C	4	513	(+)	NCTATAAAAR	GATATAAATG
		0.86196				
M00252	V\$TATA_01	4	514	(+)	STATAAAWRNNNNNN	ATATAAATGATTACT
		0.82519				
M00216	V\$TATA_C	1	527	(+)	NCTATAAAAR	CTTTTATAAA
		0.80512				
M00252	V\$TATA_01	6	528	(+)	STATAAAWRNNNNNN	TTTTATAAGATGAT
		0.79376				
M00216	V\$TATA_C	8	529	(+)	NCTATAAAAR	TTTATAAAGA
		0.82161				
M00252	V\$TATA_01	9	530	(+)	STATAAAWRNNNNNN	TTATAAGATGATTA
		0.83633				
M00252	V\$TATA_01	6	552	(+)	STATAAAWRNNNNNN	ATATTTATAAGGATA
		0.79508				
M00216	V\$TATA_C	8	553	(+)	NCTATAAAAR	TATTTATAAG
		0.84572				
M00252	V\$TATA_01	4	554	(+)	STATAAAWRNNNNNN	ATTTATAAGGATACA
		0.77772				
M00252	V\$TATA_01	1	556	(+)	STATAAAWRNNNNNN	TTATAAGGATACAAA
		0.77010				
M00252	V\$TATA_01	9	564	(+)	STATAAAWRNNNNNN	ATACAAATATATGAA
		0.79497				
M00252	V\$TATA_01	6	568	(+)	STATAAAWRNNNNNN	AAATATATGAAAATA
		0.80081				
M00252	V\$TATA_01	2	570	(+)	STATAAAWRNNNNNN	ATATATGAAAATAAT
		0.75178				
M00216	V\$TATA_C	2	571	(+)	NCTATAAAAR	TATATGAAAA

M00216	V\$TATA_C	0.82466 3	597	(+)	NCTATAAAAR	GGCTTATAAA
M00252	V\$TATA_01	0.78127 4	598	(+)	STATAAAWRNNNNNN	GCTTATAAATATGTC
M00216	V\$TATA_C	0.79324 0.85587	599	(+)	NCTATAAAAR	CTTATAAATA
M00252	V\$TATA_01	4	600	(+)	STATAAAWRNNNNNN	TTATAAATATGTCTT
M00216	V\$TATA_C	0.76815 4	614	(+)	NCTATAAAAR	TTTTTAACAA
M00252	V\$TATA_01	0.77746 8	642	(+)	STATAAAWRNNNNNN	GTTTGTAAGTGAAG
M00216	V\$TATA_C	0.80987 6	660	(+)	NCTATAAAAR	CCTGTATAAA
M00252	V\$TATA_01	0.7729 0.93662	661	(+)	STATAAAWRNNNNNN	CTGTATAAATAATC
M00216	V\$TATA_C	5	662	(+)	NCTATAAAAR	TGTATAAAAT
M00252	V\$TATA_01	0.87744 2	663	(+)	STATAAAWRNNNNNN	GTATAAATAATCTG
M00216	V\$TATA_C	0.82017 4	697	(+)	NCTATAAAAR	GGTATAAACA
M00252	V\$TATA_01	0.79370 7	698	(+)	STATAAAWRNNNNNN	GTATAAACAAATTC
M00252	V\$TATA_01	0.77340 8	732	(+)	STATAAAWRNNNNNN	TTATTATCTGAAAT
M00216	V\$TATA_C	0.78135 7	759	(+)	NCTATAAAAR	CACATATAAA
M00252	V\$TATA_01	0.81375 3	760	(+)	STATAAAWRNNNNNN	ACATATAAATTTATG
M00252	V\$TATA_01	0.82847 0.77036	762	(+)	STATAAAWRNNNNNN	ATATAAATTTATGTA
M00252	V\$TATA_01	3	790	(+)	STATAAAWRNNNNNN	CAATTTAATGGAAC
M00252	V\$TATA_01	0.79091 6	871	(+)	STATAAAWRNNNNNN	GGATATATCAACCAA
M00252	V\$TATA_01	0.83253 0.74914	873	(+)	STATAAAWRNNNNNN	ATATATCAACCAAGC
M00216	V\$TATA_C	2	908	(+)	NCTATAAAAR	TCCTTTTAAA
M00216	V\$TATA_C	0.84050 7	909	(+)	NCTATAAAAR	CCTTTTAAAA
M00216	V\$TATA_C	0.88962 2	910	(+)	NCTATAAAAR	CTTTTAAAAA
M00216	V\$TATA_C	0.75072 6	911	(+)	NCTATAAAAR	TTTTAAAAAT
M00252	V\$TATA_01	0.78406 5	911	(+)	STATAAAWRNNNNNN	TTTTAAAAATTTAAT
M00216	V\$TATA_C	0.78479 0.79396	940	(+)	NCTATAAAAR	TCTACATAAT
M00252	V\$TATA_01	1	941	(+)	STATAAAWRNNNNNN	CTACATAATGCACAA
M00216	V\$TATA_C	0.75706 4	974	(+)	NCTATAAAAR	ACTCTGAAAG
M00252	V\$TATA_01	0.81223 0.84103	995	(+)	STATAAAWRNNNNNN	GGATAAAGACATCTT
M00216	V\$TATA_C	5	1006	(+)	NCTATAAAAR	TCITTTTAAAA
M00216	V\$TATA_C	0.88962 2	1007	(+)	NCTATAAAAR	CTTTTAAAAA
M00252	V\$TATA_01	0.77239 3	1007	(+)	STATAAAWRNNNNNN	CTTTTAAAAATTACA
M00216	V\$TATA_C	0.75072 6	1008	(+)	NCTATAAAAR	TTTTAAAAAT
M00252	V\$TATA_01	0.7932 0.74227	1008	(+)	STATAAAWRNNNNNN	TTTTAAAAATTACAG
M00216	V\$TATA_C	6	1020	(+)	NCTATAAAAR	CAGATAAAAT

		0.80487				
M00252	V\$TATA_01	2	1021	(+)	STATAAAWRNNNNNN	AGATAAAATTAAATG
		0.76102				
M00216	V\$TATA_C	5	1060	(+)	NCTATAAAAR	ATTTTAACAA
		0.86559				
M00216	V\$TATA_C	3	1114	(+)	NCTATAAAAR	ATTTTAAAT
		0.79751				
M00252	V\$TATA_01	3	1129	(+)	STATAAAWRNNNNNN	ATATTTAAATATTGA
		0.81705				
M00252	V\$TATA_01	2	1131	(+)	STATAAAWRNNNNNN	ATTTAAATATTGATA
		0.74016				
M00216	V\$TATA_C	4	1234	(+)	NCTATAAAAR	CTTAGATAAG
		0.81299				
M00252	V\$TATA_01	2	1271	(+)	STATAAAWRNNNNNN	ATATTTATATTGAAG
		0.80131				
M00252	V\$TATA_01	9	1273	(+)	STATAAAWRNNNNNN	ATTTATATTGAAGAG
		0.87351				
M00216	V\$TATA_C	5	1305	(+)	NCTATAAAAR	TGAATAAAAA
		0.80537				
M00252	V\$TATA_01	9	1306	(+)	STATAAAWRNNNNNN	GAATAAAAAATATTAC
		0.81647				
M00216	V\$TATA_C	7	1319	(+)	NCTATAAAAR	ACTTTCAAAT
		0.74174				
M00216	V\$TATA_C	8	1341	(+)	NCTATAAAAR	ATCATAATAT
		0.75653				
M00216	V\$TATA_C	6	1397	(+)	NCTATAAAAR	TTATTATAAG
		0.76023				
M00216	V\$TATA_C	2	1399	(+)	NCTATAAAAR	ATTATAAGAC
		0.80565				
M00216	V\$TATA_C	1	1439	(+)	NCTATAAAAR	ACCATGAAAC
		0.78716				
M00216	V\$TATA_C	7	1499	(+)	NCTATAAAAR	ACAGTAAAAA
		0.80749				
M00216	V\$TATA_C	9	1501	(+)	NCTATAAAAR	AGTAAAAAAT
		0.74412				
M00216	V\$TATA_C	5	1618	(+)	NCTATAAAAR	GCTATTAAGG
		0.80309				
M00252	V\$TATA_01	6	1619	(+)	STATAAAWRNNNNNN	CTATTAAGGTGTTGA
		0.75125				
M00216	V\$TATA_C	4	1632	(+)	NCTATAAAAR	GATATTAAAG
		0.81806				
M00252	V\$TATA_01	6	1633	(+)	STATAAAWRNNNNNN	ATATTAAAGCTATAG
		0.74570				
M00216	V\$TATA_C	9	1696	(+)	NCTATAAAAR	ACTCTAAATA
		0.80221				
M00216	V\$TATA_C	8	1698	(+)	NCTATAAAAR	TCTAAATAAA
		0.77581				
M00216	V\$TATA_C	2	1700	(+)	NCTATAAAAR	TAAATAAAAT
		0.79614				
M00216	V\$TATA_C	5	1714	(+)	NCTATAAAAR	AACTTAAAT
		0.82821				
M00252	V\$TATA_01	6	1720	(+)	STATAAAWRNNNNNN	AAATATAAACACCTC
		0.74465				
M00216	V\$TATA_C	3	1721	(+)	NCTATAAAAR	AATATAAACA
		0.81299				
M00252	V\$TATA_01	2	1722	(+)	STATAAAWRNNNNNN	ATATAAACACCTCAC
		0.90097				
M00216	V\$TATA_C	7	1735	(+)	NCTATAAAAR	ACAATAAAAA
		0.80055				
M00252	V\$TATA_01	8	1736	(+)	STATAAAWRNNNNNN	CAATAAAAAATTAAA
		0.76049				
M00216	V\$TATA_C	6	1743	(+)	NCTATAAAAR	AAATTAAAAA
		0.76049				
M00216	V\$TATA_C	6	1750	(+)	NCTATAAAAR	AAATTAAAAA
		0.79799				
M00216	V\$TATA_C	3	1752	(+)	NCTATAAAAR	ATTAAAAAAG

		0.76340				
M00216	V\$TATA_C	1	1776	(+)	NCTATAAAAR	ACAATACAAT
		0.77898				
M00216	V\$TATA_C	1	1781	(+)	NCTATAAAAR	ACAATAAAGA
		0.81324				
M00252	V\$TATA_01	5	1782	(+)	STATAAAWRNNNNNN	CAATAAAGAGCATCA
M00216	V\$TATA_C	0.80882	1790	(+)	NCTATAAAAR	AGCATCAAAG
M00216	V\$TATA_C	0.74967	1834	(+)	NCTATAAAAR	GGCTTAACAT
		0.79954				
M00252	V\$TATA_01	3	1852	(+)	STATAAAWRNNNNNN	ACATATATATGTTCA
		0.85587				
M00252	V\$TATA_01	4	1854	(+)	STATAAAWRNNNNNN	ATATATATGTTCAAT
		0.78716				
M00216	V\$TATA_C	7	2017	(+)	NCTATAAAAR	TGCATGAAAT
		0.81527				
M00252	V\$TATA_01	5	2169	(+)	STATAAAWRNNNNNN	CTATTAAGCCCTATA
		0.77239				
M00252	V\$TATA_01	3	2313	(+)	STATAAAWRNNNNNN	GTAGAAAGAAAACT
M00216	V\$TATA_C	0.77766	2325	(+)	NCTATAAAAR	ACTAGATAAT
		0.74069				
M00216	V\$TATA_C	2	2354	(+)	NCTATAAAAR	TTCTCAAAAA
		0.75283				
M00216	V\$TATA_C	9	2355	(+)	NCTATAAAAR	TCTCAAAAAA
		0.82060				
M00252	V\$TATA_01	4	2374	(+)	STATAAAWRNNNNNN	TTATTAATGTGAAAC
M00216	V\$TATA_C	0.78479	2416	(+)	NCTATAAAAR	TCTAGATAAT
		0.78533				
M00252	V\$TATA_01	4	2425	(+)	STATAAAWRNNNNNN	TGATAAATAAATAAA
		0.82872				
M00252	V\$TATA_01	4	2429	(+)	STATAAAWRNNNNNN	AAATAAATAAATAGG
		0.84876				
M00252	V\$TATA_01	9	2433	(+)	STATAAAWRNNNNNN	AAATAAATAGGAATC
		0.77772				
M00252	V\$TATA_01	1	2486	(+)	STATAAAWRNNNNNN	GGATATTTGGACACT
		0.83733				
M00216	V\$TATA_C	8	2504	(+)	NCTATAAAAR	GCTATCAAAT
		0.78254				
M00252	V\$TATA_01	3	2510	(+)	STATAAAWRNNNNNN	AAATATAGATGCAAA
		0.79878				
M00252	V\$TATA_01	2	2512	(+)	STATAAAWRNNNNNN	ATATAGATGCAAAAG
		0.79746				
M00216	V\$TATA_C	5	2644	(+)	NCTATAAAAR	AGCATCAAAA
		0.75996				
M00216	V\$TATA_C	8	2645	(+)	NCTATAAAAR	GCATCAAAAG
		0.77822				
M00252	V\$TATA_01	9	2645	(+)	STATAAAWRNNNNNN	GCATCAAAAGAAGGG
		0.75732				
M00216	V\$TATA_C	8	2678	(+)	NCTATAAAAR	ACGAAAAAAG
		0.79497				
M00252	V\$TATA_01	6	2752	(+)	STATAAAWRNNNNNN	AGATATAGATCCCCC
		0.77975				
M00252	V\$TATA_01	1	2754	(+)	STATAAAWRNNNNNN	ATATAGATCCCCCAG
M00252	V\$TATA_01	0.77087	2831	(+)	STATAAAWRNNNNNN	ACATAAATCTTGTC
		0.77163				
M00252	V\$TATA_01	2	2851	(+)	STATAAAWRNNNNNN	GTAAAAATGCAGATT
		0.83390				
M00216	V\$TATA_C	5	2876	(+)	NCTATAAAAR	TTTATATAAT
		0.80715				
M00252	V\$TATA_01	6	2877	(+)	STATAAAWRNNNNNN	TTATATAATTTAATT
		0.79508				
M00216	V\$TATA_C	8	2893	(+)	NCTATAAAAR	ATGATAAAAA

M00252	V\$TATA_01	0.78152 8	2894	(+)	STATAAAWRNNNNNN	TGATAAAAAATAAAA
M00216	V\$TATA_C	0.76868 2	2900	(+)	NCTATAAAAR	AAAATAAAAT
M00252	V\$TATA_01	0.80664 8	2901	(+)	STATAAAWRNNNNNN	AAATAAAATCCAGAC
M00216	V\$TATA_C	0.74755 7	2963	(+)	NCTATAAAAR	ACTCTAGAAA
M00216	V\$TATA_C	0.74465 3	2965	(+)	NCTATAAAAR	TCTAGAAACA
M00216	V\$TATA_C	0.76868 2	3004	(+)	NCTATAAAAR	TCAATAAATT
M00216	V\$TATA_C	0.74016 4	3052	(+)	NCTATAAAAR	CTCTTAAATA
M00252	V\$TATA_01	0.78787 1	3053	(+)	STATAAAWRNNNNNN	TCTTAAATACAACT
M00216	V\$TATA_C	0.74069 2	3067	(+)	NCTATAAAAR	TTCTTAAACA
M00216	V\$TATA_C	0.84209 1	3079	(+)	NCTATAAAAR	ACTATTAAAT
M00252	V\$TATA_01	0.78685 6	3080	(+)	STATAAAWRNNNNNN	CTATTAAATGTATAA
M00216	V\$TATA_C	0.81462 9	3088	(+)	NCTATAAAAR	TGTATAATAT
M00252	V\$TATA_01	0.81857 4	3089	(+)	STATAAAWRNNNNNN	GTATAATATTACATG
M00216	V\$TATA_C	0.77950 9	3167	(+)	NCTATAAAAR	TTTTTAACAG
M00216	V\$TATA_C	0.84209 1	3241	(+)	NCTATAAAAR	ACTATAAATT
M00252	V\$TATA_01	0.86475 5	3242	(+)	STATAAAWRNNNNNN	CTATAAATTGTGTAG
M00252	V\$TATA_01	0.78787 1	3266	(+)	STATAAAWRNNNNNN	TGATAAATTGCTAAT
M00252	V\$TATA_01	0.77822 9	3277	(+)	STATAAAWRNNNNNN	TAATATATAGATTGT
M00252	V\$TATA_01	0.81476 8	3279	(+)	STATAAAWRNNNNNN	ATATATAGATTGTAG
M00216	V\$TATA_C	0.75468 7	3308	(+)	NCTATAAAAR	TCTCTAGAAA
M00216	V\$TATA_C	0.84024 3	3310	(+)	NCTATAAAAR	TCTAGAAAAC
M00252	V\$TATA_01	0.78609 5	3311	(+)	STATAAAWRNNNNNN	CTAGAAAACAGCCAG
M00216	V\$TATA_C	0.80274 6	3341	(+)	NCTATAAAAR	GGTATAATAT
M00252	V\$TATA_01	0.80360 3	3421	(+)	STATAAAWRNNNNNN	GTATTTATGATTAAT
M00216	V\$TATA_C	0.83522 6	3431	(+)	NCTATAAAAR	TTAATAAAAA
M00252	V\$TATA_01	0.78025 9	3476	(+)	STATAAAWRNNNNNN	ATATGTATATGTGGT
M00252	V\$TATA_01	0.8102 3480	3480	(+)	STATAAAWRNNNNNN	GTATATGTGGTCTAT
M00216	V\$TATA_C	0.80749 9	3573	(+)	NCTATAAAAR	AGTATTAAAT
M00252	V\$TATA_01	0.83735 1	3574	(+)	STATAAAWRNNNNNN	GTATTAAATTAGATA
M00216	V\$TATA_C	0.78082 9	3601	(+)	NCTATAAAAR	CTTTTACAAG
M00252	V\$TATA_01	0.80715 6	3732	(+)	STATAAAWRNNNNNN	TGATAAATACTGAAT
M00252	V\$TATA_01	0.79446 8	3904	(+)	STATAAAWRNNNNNN	TGATAAAGAAGGAAC
M00216	V\$TATA_C	0.86559 3	3940	(+)	NCTATAAAAR	ATTTTAAAT

		0.77188				
M00252	V\$TATA_01	5	3940	(+)	STATAAAWRNNNNNN	ATTTTAAAAATAAAAT
		0.79040				
M00252	V\$TATA_01	9	3941	(+)	STATAAAWRNNNNNN	TTTTAAAAATAAAATC
		0.76868				
M00216	V\$TATA_C	2	3945	(+)	NCTATAAAAR	AAAAATAAAAT
		0.79091				
M00252	V\$TATA_01	6	3946	(+)	STATAAAWRNNNNNN	AAATAAAATCATAAA
		0.85476				
M00216	V\$TATA_C	6	3953	(+)	NCTATAAAAR	ATCATAAAAAC
		0.80842				
M00252	V\$TATA_01	4	3954	(+)	STATAAAWRNNNNNN	TCATAAAACTGAAAC
M00216	V\$TATA_C	0.80169	4008	(+)	NCTATAAAAR	CCTAAATAAA
		0.81984				
M00252	V\$TATA_01	3	4009	(+)	STATAAAWRNNNNNN	CTAAATAAATGGAGA
		0.83938				
M00252	V\$TATA_01	1	4011	(+)	STATAAAWRNNNNNN	AAATAAATGGAGAAT
		0.78381				
M00252	V\$TATA_01	1	4030	(+)	STATAAAWRNNNNNN	GTTCAAATGGAAAAA
		0.75204				
M00216	V\$TATA_C	6	4073	(+)	NCTATAAAAR	CTTTTACAAT
M00216	V\$TATA_C	0.78611	4110	(+)	NCTATAAAAR	TCAATGAAAA
		0.75283				
M00216	V\$TATA_C	9	4183	(+)	NCTATAAAAR	TCTGGAAAAA
		0.78761				
M00252	V\$TATA_01	7	4205	(+)	STATAAAWRNNNNNN	TTATTTATAAATATT
		0.78373				
M00216	V\$TATA_C	4	4206	(+)	NCTATAAAAR	TATTTATAAA
		0.78558				
M00252	V\$TATA_01	7	4207	(+)	STATAAAWRNNNNNN	ATTTATAAATATTTT
		0.79376				
M00216	V\$TATA_C	8	4208	(+)	NCTATAAAAR	TTTATAAATA
		0.80867				
M00252	V\$TATA_01	8	4209	(+)	STATAAAWRNNNNNN	TTATAAATATTTTTT
		0.87820				
M00252	V\$TATA_01	4	4282	(+)	STATAAAWRNNNNNN	TTATATATGCAAATA
		0.74465				
M00216	V\$TATA_C	3	4293	(+)	NCTATAAAAR	AATATTAAAA
		0.80248				
M00216	V\$TATA_C	2	4294	(+)	NCTATAAAAR	ATATTAAAAA
		0.84800				
M00252	V\$TATA_01	8	4294	(+)	STATAAAWRNNNNNN	ATATTAAAAAGCTGC
		0.76155				
M00216	V\$TATA_C	3	4306	(+)	NCTATAAAAR	TGCTTTAAAT
		0.82915				
M00216	V\$TATA_C	2	4307	(+)	NCTATAAAAR	GCTTTAAATA
		0.82923				
M00252	V\$TATA_01	1	4308	(+)	STATAAAWRNNNNNN	CTTTAAATATTAATC
		0.81172				
M00252	V\$TATA_01	3	4314	(+)	STATAAAWRNNNNNN	ATATTAATCTGTACC
		0.77660				
M00216	V\$TATA_C	4	4341	(+)	NCTATAAAAR	TCTTTGTAAA
		0.77554				
M00216	V\$TATA_C	8	4343	(+)	NCTATAAAAR	TTTGTA AAC
		0.80221				
M00216	V\$TATA_C	8	4375	(+)	NCTATAAAAR	TCTATGTAAA
		0.80116				
M00216	V\$TATA_C	2	4384	(+)	NCTATAAAAR	ATTTTATAAT
		0.76049				
M00216	V\$TATA_C	6	4516	(+)	NCTATAAAAR	AGTATTTAAA
		0.83075				
M00252	V\$TATA_01	4	4517	(+)	STATAAAWRNNNNNN	GTATTTAAAAGATTT
		0.85951				
M00216	V\$TATA_C	9	4518	(+)	NCTATAAAAR	TATTTAAAAG

		0.79700				
M00252	V\$TATA_01	6	4519	(+)	STATAAAWRNNNNNN	ATTTAAAAGATTGTC
		0.75072				
M00216	V\$TATA_C	6	4560	(+)	NCTATAAAAR	TTTTTAATAT
		0.75336				
M00216	V\$TATA_C	7	4563	(+)	NCTATAAAAR	TTAATATAAT
		0.80829				
M00216	V\$TATA_C	2	4601	(+)	NCTATAAAAR	TGTTTAGAAA
		0.78000				
M00252	V\$TATA_01	5	4602	(+)	STATAAAWRNNNNNN	GTTTAGAAAGGTAAG
		0.75072				
M00216	V\$TATA_C	6	4824	(+)	NCTATAAAAR	TTTTTTAAAT
		0.76815				
M00216	V\$TATA_C	4	4825	(+)	NCTATAAAAR	TTTTTAAATA
		0.79269				
M00252	V\$TATA_01	2	4834	(+)	STATAAAWRNNNNNN	ATTTTAAAGTGCACA
M00252	V\$TATA_01	0.79117	4836	(+)	STATAAAWRNNNNNN	TTTAAAGTGCACAGT
		0.77185				
M00216	V\$TATA_C	1	4863	(+)	NCTATAAAAR	AGCTTAAATA
		0.80817				
M00252	V\$TATA_01	1	4864	(+)	STATAAAWRNNNNNN	GCTTAAATAAAGAAA
		0.77213				
M00252	V\$TATA_01	9	4866	(+)	STATAAAWRNNNNNN	TTAAATAAAGAAAAC
		0.76630				
M00216	V\$TATA_C	6	4930	(+)	NCTATAAAAR	TTCACAAAAA
		0.78279				
M00252	V\$TATA_01	6	5067	(+)	STATAAAWRNNNNNN	ACATAAATGATATTT
M00252	V\$TATA_01	0.77087	5076	(+)	STATAAAWRNNNNNN	ATATTTAAATTATTT
		0.74359				
M00216	V\$TATA_C	7	5087	(+)	NCTATAAAAR	ATTTTAAAGT
		0.78901				
M00216	V\$TATA_C	5	5098	(+)	NCTATAAAAR	ACCTCAAAAT
		0.79472				
M00252	V\$TATA_01	2	5149	(+)	STATAAAWRNNNNNN	ATTTTAAAGGGAAAA
		0.82492				
M00216	V\$TATA_C	7	5237	(+)	NCTATAAAAR	AGTACAAAAA
		0.81705				
M00252	V\$TATA_01	2	5238	(+)	STATAAAWRNNNNNN	GTACAAAAAACATTT
		0.76287				
M00216	V\$TATA_C	3	5249	(+)	NCTATAAAAR	ATTTTAGAAA
		0.79376				
M00216	V\$TATA_C	8	5251	(+)	NCTATAAAAR	TTTAGAAAAA
		0.74438				
M00216	V\$TATA_C	9	5254	(+)	NCTATAAAAR	AGAAAAAAA
		0.83390				
M00216	V\$TATA_C	5	5292	(+)	NCTATAAAAR	ACTTTCAAAA
		0.75019				
M00216	V\$TATA_C	8	5293	(+)	NCTATAAAAR	CTTTCAAAAT
		0.83628				
M00216	V\$TATA_C	2	5380	(+)	NCTATAAAAR	AGTATAAATG
		0.88556				
M00252	V\$TATA_01	2	5381	(+)	STATAAAWRNNNNNN	GTATAAATGAATGAA
		0.85186				
M00216	V\$TATA_C	2	5396	(+)	NCTATAAAAR	TGGATAAAAG
		0.82542				
M00252	V\$TATA_01	5	5397	(+)	STATAAAWRNNNNNN	GGATAAAGAATGAA
		0.79508				
M00216	V\$TATA_C	8	5480	(+)	NCTATAAAAR	ACTACATAAA
		0.84927				
M00252	V\$TATA_01	7	5481	(+)	STATAAAWRNNNNNN	CTACATAAAGCAATA
		0.78990				
M00252	V\$TATA_01	1	5491	(+)	STATAAAWRNNNNNN	CAATATATCTGCTCC
		0.77950				
M00216	V\$TATA_C	9	5540	(+)	NCTATAAAAR	TTTTTCAAAG

		0.76762				
M00216	V\$TATA_C	6	5549	(+)	NCTATAAAAR	GTTTAAATAG
		0.80969				
M00252	V\$TATA_01	3	5549	(+)	STATAAAWRNNNNNN	GTTTAAATAGCTTTG
		0.78188				
M00216	V\$TATA_C	5	5563	(+)	NCTATAAAAR	GTTATTAAAA
		0.80961				
M00216	V\$TATA_C	2	5564	(+)	NCTATAAAAR	TTATTAAAAA
		0.82517				
M00252	V\$TATA_01	1	5564	(+)	STATAAAWRNNNNNN	TTATTAAAAAAAACA
		0.78663				
M00216	V\$TATA_C	9	5566	(+)	NCTATAAAAR	ATTAAAAAAA
		0.75574				
M00216	V\$TATA_C	3	5583	(+)	NCTATAAAAR	GGTATTTAAA
		0.82821				
M00252	V\$TATA_01	6	5584	(+)	STATAAAWRNNNNNN	GTATTTAAAAAACAT
		0.84816				
M00216	V\$TATA_C	5	5585	(+)	NCTATAAAAR	TATTTAAAAA
		0.76102				
M00216	V\$TATA_C	5	5586	(+)	NCTATAAAAR	ATTTAAAAAA
		0.82212				
M00252	V\$TATA_01	6	5586	(+)	STATAAAWRNNNNNN	ATTTAAAAAACATAC
		0.76736				
M00216	V\$TATA_C	2	5587	(+)	NCTATAAAAR	TTTAAAAAAC
		0.75574				
M00216	V\$TATA_C	3	5602	(+)	NCTATAAAAR	GGTATTTAAA
		0.81045				
M00252	V\$TATA_01	4	5603	(+)	STATAAAWRNNNNNN	GTATTTAAAAATTTA
		0.84816				
M00216	V\$TATA_C	5	5604	(+)	NCTATAAAAR	TATTTAAAAA
		0.74359				
M00216	V\$TATA_C	7	5605	(+)	NCTATAAAAR	ATTTAAAAAT
M00252	V\$TATA_01	0.81223	5605	(+)	STATAAAWRNNNNNN	ATTTAAAAATTACA
		0.85661				
M00216	V\$TATA_C	5	5702	(+)	NCTATAAAAR	ATTTTAAAAAC
		0.84209				
M00216	V\$TATA_C	1	5710	(+)	NCTATAAAAR	ACTATTAAAT
		0.79700				
M00252	V\$TATA_01	6	5711	(+)	STATAAAWRNNNNNN	CTATTAAATATAATA
		0.74623				
M00216	V\$TATA_C	7	5720	(+)	NCTATAAAAR	ATAATATAAT
		0.78660				
M00252	V\$TATA_01	2	5721	(+)	STATAAAWRNNNNNN	TAATATAATGAAAAG
		0.80749				
M00216	V\$TATA_C	9	5741	(+)	NCTATAAAAR	AGTAAAAAAT
		0.74887				
M00216	V\$TATA_C	8	5814	(+)	NCTATAAAAR	ACTAAACAG
		0.75574				
M00216	V\$TATA_C	3	5839	(+)	NCTATAAAAR	AGAAAAAAAG
		0.75442				
M00216	V\$TATA_C	3	5906	(+)	NCTATAAAAR	AGCTTAAATT
		0.77898				
M00216	V\$TATA_C	1	5996	(+)	NCTATAAAAR	TGCTTAAATA
		0.79294				
M00252	V\$TATA_01	6	6003	(+)	STATAAAWRNNNNNN	ATATTTATACATTAT
		0.75574				
M00216	V\$TATA_C	3	6099	(+)	NCTATAAAAR	AGAAAAAAAG
		0.79376				
M00216	V\$TATA_C	8	6151	(+)	NCTATAAAAR	TTTATCAAAA
		0.77475				
M00216	V\$TATA_C	6	6159	(+)	NCTATAAAAR	AACATATAAA
		0.80563				
M00252	V\$TATA_01	3	6160	(+)	STATAAAWRNNNNNN	ACATATAAAAATCTA
		0.87325				
M00216	V\$TATA_C	1	6161	(+)	NCTATAAAAR	CATATAAAAA

		0.90560				
M00252	V\$TATA_01	8	6162	(+)	STATAAAWRNNNNNNN	ATATAAAAATCTACA
		0.78457				
M00252	V\$TATA_01	2	6203	(+)	STATAAAWRNNNNNNN	AGATTAAAGAGGAAA
		0.77746				
M00252	V\$TATA_01	8	6204	(+)	STATAAAWRNNNNNNN	GATTAAAGAGGAAAA
		0.76815				
M00216	V\$TATA_C	4	6245	(+)	NCTATAAAAR	TTTTTTAAAA
		0.87272				
M00216	V\$TATA_C	2	6246	(+)	NCTATAAAAR	TTTTTAAAT
		0.81324				
M00252	V\$TATA_01	5	6326	(+)	STATAAAWRNNNNNNN	TTTATATTGGAATG
		0.75442				
M00216	V\$TATA_C	3	6344	(+)	NCTATAAAAR	GTCATGAAAA
		0.76049				
M00216	V\$TATA_C	6	6345	(+)	NCTATAAAAR	TCATGAAAAA
		0.76102				
M00216	V\$TATA_C	5	6418	(+)	NCTATAAAAR	ATTTTAATAA
		0.80563				
M00252	V\$TATA_01	3	6437	(+)	STATAAAWRNNNNNNN	TTATATATCATAAAC
		0.75917				
M00216	V\$TATA_C	6	6443	(+)	NCTATAAAAR	ATCATAAACA
		0.82915				
M00216	V\$TATA_C	2	6466	(+)	NCTATAAAAR	GCTTTAAGAA
M00252	V\$TATA_01	0.77696	6467	(+)	STATAAAWRNNNNNNN	CTTTAAGAAAGCTAT
		0.76287				
M00216	V\$TATA_C	3	6547	(+)	NCTATAAAAR	GCCAGATAAA
		0.77660				
M00216	V\$TATA_C	4	6604	(+)	NCTATAAAAR	TCTTTATTAA
		0.79376				
M00216	V\$TATA_C	8	6606	(+)	NCTATAAAAR	TTTATTAAAA
		0.79218				
M00216	V\$TATA_C	4	6607	(+)	NCTATAAAAR	TTATTAAAT
		0.84521				
M00252	V\$TATA_01	7	6607	(+)	STATAAAWRNNNNNNN	TTATTAAAAATCAAGA
		0.75257				
M00216	V\$TATA_C	5	6619	(+)	NCTATAAAAR	AGAGTAAAAA
		0.92843				
M00216	V\$TATA_C	9	6645	(+)	NCTATAAAAR	TGTTTAAAAA
M00252	V\$TATA_01	0.87998	6646	(+)	STATAAAWRNNNNNNN	GTTTAAAAATGAACA
		0.74570				
M00216	V\$TATA_C	9	6665	(+)	NCTATAAAAR	ACTCAAAAAA
M00216	V\$TATA_C	0.74835	6666	(+)	NCTATAAAAR	CTCAAAAAAT
		0.79015				
M00252	V\$TATA_01	5	6672	(+)	STATAAAWRNNNNNNN	AAATTAAAACCCTGT
		0.77924				
M00252	V\$TATA_01	4	6700	(+)	STATAAAWRNNNNNNN	GGATAAGAGTTCACT
		0.75336				
M00216	V\$TATA_C	7	7250	(+)	NCTATAAAAR	ACATGAAAAA
		0.75151				
M00216	V\$TATA_C	8	7316	(+)	NCTATAAAAR	TGCATATTAG
M00252	V\$TATA_01	0.78102	7319	(+)	STATAAAWRNNNNNNN	ATATTAGAATCAATA
		0.77848				
M00252	V\$TATA_01	3	7366	(+)	STATAAAWRNNNNNNN	CCATATGTAAATATG
		0.79142				
M00252	V\$TATA_01	3	7370	(+)	STATAAAWRNNNNNNN	ATGTAAATATGAACA
		0.79776				
M00252	V\$TATA_01	7	7372	(+)	STATAAAWRNNNNNNN	GTAAATATGAACATC
		0.81779				
M00216	V\$TATA_C	8	7410	(+)	NCTATAAAAR	TGTTTCAAAG
		0.83390				
M00216	V\$TATA_C	5	7426	(+)	NCTATAAAAR	ACTTTTAAAA

M00216	V\$TATA_C	0.90097 7	7427	(+)	NCTATAAAAR	CTTTTAAAAG
M00252	V\$TATA_01	0.80537 9	7427	(+)	STATAAAWRNNNNNN	CTTTTAAAAGCTCAT
M00252	V\$TATA_01	0.84775 4	7428	(+)	STATAAAWRNNNNNN	TTTTAAAAGCTCATG
M00216	V\$TATA_C	0.80195 4	7526	(+)	NCTATAAAAR	AGAATATAAA
M00252	V\$TATA_01	0.84217 2	7527	(+)	STATAAAWRNNNNNN	GAATATAAACTCAAC
M00252	V\$TATA_01	0.78431 9	7529	(+)	STATAAAWRNNNNNN	ATATAAACTCAACCC
M00216	V\$TATA_C	0.75627 1	7649	(+)	NCTATAAAAR	GTTTTAATAA
M00252	V\$TATA_01	0.82339 5	7649	(+)	STATAAAWRNNNNNN	GTTTTAATAAAAAGG
M00216	V\$TATA_C	0.83522 6	7652	(+)	NCTATAAAAR	TTAATAAAAA
M00252	V\$TATA_01	0.79852 8	7653	(+)	STATAAAWRNNNNNN	TAATAAAAAGGTTTT
M00216	V\$TATA_C	0.76102 5	7707	(+)	NCTATAAAAR	ATTTTAAATA
M00252	V\$TATA_01	0.79751 3	7708	(+)	STATAAAWRNNNNNN	TTTTAAATAAAATTG
M00216	V\$TATA_C	0.77581 2	7711	(+)	NCTATAAAAR	TAAATAAAAT
M00252	V\$TATA_01	0.77264 7	7712	(+)	STATAAAWRNNNNNN	AAATAAAATTGACAA
M00216	V\$TATA_C	0.83918 7	7727	(+)	NCTATAAAAR	TCCAAAAAAA
M00216	V\$TATA_C	0.78558 2	7728	(+)	NCTATAAAAR	CCAAAAAAA
M00252	V\$TATA_01	0.81603 7	7760	(+)	STATAAAWRNNNNNN	CTTTTATACCCAAT
M00216	V\$TATA_C	0.79429 6	7780	(+)	NCTATAAAAR	TCACTAAAAA
M00216	V\$TATA_C	0.83628 2	7804	(+)	NCTATAAAAR	AGTATGAAAG
M00252	V\$TATA_01	0.82872 4	7805	(+)	STATAAAWRNNNNNN	GTATGAAAGTGTGGA
M00216	V\$TATA_C	0.80617 9	7834	(+)	NCTATAAAAR	ATTCTAAAAG
M00216	V\$TATA_C	0.76921 7945	7945	(+)	NCTATAAAAR	ATTAGAAAAT
M00216	V\$TATA_C	0.74201 2	7954	(+)	NCTATAAAAR	TGTTTATGAA
M00252	V\$TATA_01	0.77188 5	7955	(+)	STATAAAWRNNNNNN	GTTTATGAAAGTTTG
M00216	V\$TATA_C	0.80512 3	7956	(+)	NCTATAAAAR	TTTATGAAAG
M00216	V\$TATA_C	0.81462 9	7974	(+)	NCTATAAAAR	ACCATAAAGT
M00216	V\$TATA_C	0.75019 8	8021	(+)	NCTATAAAAR	TGTATCTAAT
M00216	V\$TATA_C	0.74359 7	8039	(+)	NCTATAAAAR	ATTTTAACAT
M00252	V\$TATA_01	0.80106 6	8250	(+)	STATAAAWRNNNNNN	AAATATAAACATGAT
M00216	V\$TATA_C	0.74465 3	8251	(+)	NCTATAAAAR	AATATAAACA
M00252	V\$TATA_01	0.77670 6	8252	(+)	STATAAAWRNNNNNN	ATATAAACATGATAT
M00252	V\$TATA_01	0.78076 6	8336	(+)	STATAAAWRNNNNNN	GGAGAAAAAGAGAAG
M00216	V\$TATA_C	0.79456 8350	8350	(+)	NCTATAAAAR	GGCATACAAA

M00252	V\$TATA_01	0.78076 6	8351	(+)	STATAAAWRNNNNNNN	GCATACAAAGTGATG
M00216	V\$TATA_C	0.79614 5	8369	(+)	NCTATAAAAR	TCCTTAAACT
M00216	V\$TATA_C	0.80116 2	8399	(+)	NCTATAAAAR	AGTTTACAAA
M00216	V\$TATA_C	0.77634 0.74544	8401	(+)	NCTATAAAAR	TTTACAAAAT
M00216	V\$TATA_C	0.77848 5	8431	(+)	NCTATAAAAR	CAGTTAAAAG
M00252	V\$TATA_01	0.85001 3	8432	(+)	STATAAAWRNNNNNNN	AGTTAAAAGTGAATT
M00216	V\$TATA_C	0.77645 3	8631	(+)	NCTATAAAAR	GTCATAAAAC
M00252	V\$TATA_01	0.77188 3	8632	(+)	STATAAAWRNNNNNNN	TCATAAAACTAACAA
M00252	V\$TATA_01	0.82360 5	8657	(+)	STATAAAWRNNNNNNN	TTTTTTAAGGAAATT
M00216	V\$TATA_C	0.77594 7	8707	(+)	NCTATAAAAR	AATTTAAAAT
M00252	V\$TATA_01	0.78305 5	8713	(+)	STATAAAWRNNNNNNN	AAATATATTAACATC
M00216	V\$TATA_C	0.75336 7	8787	(+)	NCTATAAAAR	ATATATTAACATCAT
M00216	V\$TATA_C	0.79376 8	8841	(+)	NCTATAAAAR	ACATTCAAAA
M00216	V\$TATA_C	0.82096 6	8842	(+)	NCTATAAAAR	TTTATTAAAA
M00252	V\$TATA_01	0.80715 6	8842	(+)	STATAAAWRNNNNNNN	TTATTAAAAAG
M00216	V\$TATA_C	0.74201 2	8894	(+)	NCTATAAAAR	TTATTAAAAGTTAAT
M00216	V\$TATA_C	0.79614 5	8977	(+)	NCTATAAAAR	TGTTGATAAA
M00216	V\$TATA_C	0.75970 4	8982	(+)	NCTATAAAAR	TCCTGAAAAT
M00252	V\$TATA_01	0.77949 8	8983	(+)	STATAAAWRNNNNNNN	AAAATAAAAC
M00252	V\$TATA_01	0.77137 8	9013	(+)	STATAAAWRNNNNNNN	AAATAAAACTGACAA
M00252	V\$TATA_01	0.78000 5	9046	(+)	STATAAAWRNNNNNNN	ATATTTAATTCATAC
M00216	V\$TATA_C	0.75019 8	9181	(+)	NCTATAAAAR	GTATTATAGTCTACT
M00252	V\$TATA_01	0.78660 2	9182	(+)	STATAAAWRNNNNNNN	AATTTATAAC
M00252	V\$TATA_01	0.83633 6	9220	(+)	STATAAAWRNNNNNNN	ATTTATAACTTAAGT
M00216	V\$TATA_C	0.85503 0.89292	9227	(+)	NCTATAAAAR	ATATTTAAGCATATA
M00252	V\$TATA_01	0.78558 1	9228	(+)	STATAAAWRNNNNNNN	AGCATATAAA
M00252	V\$TATA_01	0.84658 7	9230	(+)	STATAAAWRNNNNNNN	GCATATAAAGCAATT
M00216	V\$TATA_C	0.81172 3	9241	(+)	NCTATAAAAR	ATATAAAGCAATTAA
M00252	V\$TATA_01	0.78305 0.79746	9242	(+)	STATAAAWRNNNNNNN	TTAATAAAAG
M00216	V\$TATA_C	0.78863 5	9242	(+)	STATAAAWRNNNNNNN	TAATAAAAGCAAGAC
M00252	V\$TATA_01	0.78863 2	9594	(+)	STATAAAWRNNNNNNN	TGATATAATGCACAC
M00216	V\$TATA_C	0.78863 5	9861	(+)	NCTATAAAAR	TCAACAAAAG
M00252	V\$TATA_01	0.78863 2	9921	(+)	STATAAAWRNNNNNNN	TTATTATATCTGAC

M00252	V\$TATA_01	0.79726 0.78875	9923	(+)	STATAAAWRNNNNNN	ATTTATATCTGACTG
M00216	V\$TATA_C	1	9937	(+)	NCTATAAAAR	GCATTATAAT
M00216	V\$TATA_C	0.76921 0.79931	9939	(+)	NCTATAAAAR	ATTATAATAT
M00216	V\$TATA_C	3 0.78188	9955	(+)	NCTATAAAAR	AGTTAAAAAA
M00216	V\$TATA_C	5 0.76815	9956	(+)	NCTATAAAAR	GTAAAAAA
M00216	V\$TATA_C	4 0.89015	9992	(+)	NCTATAAAAR	TTTTTTAAAA
M00216	V\$TATA_C	1 0.76815	9993	(+)	NCTATAAAAR	TTTTTAAAAA
M00216	V\$TATA_C	4 0.82745	9994	(+)	NCTATAAAAR	TTTTAAAAAA
M00252	V\$TATA_01	5 0.79376	9994	(+)	STATAAAWRNNNNNN	TTTTAAAAAAAGAAT
M00216	V\$TATA_C	8 0.79243	9995	(+)	NCTATAAAAR	TTTAAAAAA
M00252	V\$TATA_01	8 0.74570	10138	(+)	STATAAAWRNNNNNN	CTTTGAATAGGAACA
M00216	V\$TATA_C	9 0.78663	10162	(+)	NCTATAAAAR	ACTGAAAAAA
M00216	V\$TATA_C	9	10200	(+)	NCTATAAAAR	ATTATAATAA
M00252	V\$TATA_01	0.77087 0.76366	10201	(+)	STATAAAWRNNNNNN	TTATAATAATATAAA
M00216	V\$TATA_C	5 0.84922	10206	(+)	NCTATAAAAR	ATAATATAAA
M00216	V\$TATA_C	1 0.85206	10208	(+)	NCTATAAAAR	AATATAAAAT
M00252	V\$TATA_01	8 0.74438	10209	(+)	STATAAAWRNNNNNN	ATATAAAATTAAGTC
M00216	V\$TATA_C	9 0.78330	10227	(+)	NCTATAAAAR	AGAATTAAAA
M00252	V\$TATA_01	4 0.76287	10325	(+)	STATAAAWRNNNNNN	GTATTTATTTCCCA
M00216	V\$TATA_C	3 0.77475	10398	(+)	NCTATAAAAR	GCCAAATAAA
M00216	V\$TATA_C	6 0.75996	10411	(+)	NCTATAAAAR	TCCATTTAAA
M00216	V\$TATA_C	8 0.84763	10412	(+)	NCTATAAAAR	CCATTTAAAA
M00216	V\$TATA_C	7 0.76102	10413	(+)	NCTATAAAAR	CATTTAAAAA
M00216	V\$TATA_C	5 0.86627	10414	(+)	NCTATAAAAR	ATTTAAAAAA
M00252	V\$TATA_01	8 0.76736	10414	(+)	STATAAAWRNNNNNN	ATTTAAAAACAATG
M00216	V\$TATA_C	2 0.76630	10415	(+)	NCTATAAAAR	TTTAAAAAAC
M00216	V\$TATA_C	6 0.74306	10474	(+)	NCTATAAAAR	TTCATCAAAA
M00216	V\$TATA_C	8 0.75600	10475	(+)	NCTATAAAAR	TCATCAAAAT
M00216	V\$TATA_C	7 0.75864	10487	(+)	NCTATAAAAR	TCTAAGAAAG
M00216	V\$TATA_C	8 0.89015	10538	(+)	NCTATAAAAR	CCTTTATAGT
M00216	V\$TATA_C	1 0.77416	10630	(+)	NCTATAAAAR	CCAATAAAAT
M00252	V\$TATA_01	9 0.80644	10631	(+)	STATAAAWRNNNNNN	CAATAAAATGTTCAA
M00216	V\$TATA_C	3	10639	(+)	NCTATAAAAR	TGTTCAAAAA

		0.74887				
M00216	V\$TATA_C	8	10641	(+)	NCTATAAAAR	TTCAAAAAAT
		0.80327				
M00216	V\$TATA_C	4	10673	(+)	NCTATAAAAR	ACTCTATAAA
		0.97121				
M00216	V\$TATA_C	7	10675	(+)	NCTATAAAAR	TCTATAAAAT
		0.85282				
M00252	V\$TATA_01	9	10676	(+)	STATAAAWRNNNNNN	CTATAAAATTTGCTA
		0.85001				
M00216	V\$TATA_C	3	10793	(+)	NCTATAAAAR	GTCATAAAAC
		0.77188				
M00252	V\$TATA_01	5	10823	(+)	STATAAAWRNNNNNN	TTTTTTAAGGAAATT
		0.77543				
M00252	V\$TATA_01	8	10861	(+)	STATAAAWRNNNNNN	ATATATTTACTAAAT
		0.82360				
M00216	V\$TATA_C	7	10873	(+)	NCTATAAAAR	AATTTAAAT
		0.82263				
M00252	V\$TATA_01	4	10883	(+)	STATAAAWRNNNNNN	ATATTAAATGCACTA
		0.84209				
M00216	V\$TATA_C	1	10894	(+)	NCTATAAAAR	ACTATAAGAT
		0.80537				
M00252	V\$TATA_01	9	10895	(+)	STATAAAWRNNNNNN	CTATAAGATGTGCAT
		0.77053				
M00216	V\$TATA_C	1	10953	(+)	NCTATAAAAR	ATCAAAAAAG
		0.80987				
M00216	V\$TATA_C	6	11035	(+)	NCTATAAAAR	GCCATAAATT
		0.77340				
M00252	V\$TATA_01	8	11036	(+)	STATAAAWRNNNNNN	CCATAAATTTTTGTT
		0.77898				
M00216	V\$TATA_C	1	11059	(+)	NCTATAAAAR	ACCAAATAAG
		0.76287				
M00216	V\$TATA_C	3	11245	(+)	NCTATAAAAR	GCCAAATAAA
		0.78406				
M00252	V\$TATA_01	5	11248	(+)	STATAAAWRNNNNNN	AAATAAATTTAGATA
		0.78914				
M00252	V\$TATA_01	11258	(+)	STATAAAWRNNNNNN	AGATATATCAGTACC	
		0.77797				
M00252	V\$TATA_01	5	11260	(+)	STATAAAWRNNNNNN	ATATATCAGTACCTC
		0.76868				
M00216	V\$TATA_C	2	11273	(+)	NCTATAAAAR	TCAATCAAAT
		0.77873				
M00252	V\$TATA_01	6	11316	(+)	STATAAAWRNNNNNN	ATATATTTTAGCACC
		0.78203				
M00252	V\$TATA_01	5	11375	(+)	STATAAAWRNNNNNN	CTATATGGTCCTGCT
		0.76287				
M00216	V\$TATA_C	3	11482	(+)	NCTATAAAAR	TGAATGAAAG
		0.74227				
M00216	V\$TATA_C	6	11520	(+)	NCTATAAAAR	TGAGTAAAT
		0.79294				
M00252	V\$TATA_01	6	11540	(+)	STATAAAWRNNNNNN	AGATAAAGAGATCTC
		0.90097				
M00216	V\$TATA_C	7	11578	(+)	NCTATAAAAR	ACCATATAAG
		0.85359				
M00252	V\$TATA_01	11579	(+)	STATAAAWRNNNNNN	CCATATAAGACTATT	
		0.80829				
M00216	V\$TATA_C	2	11634	(+)	NCTATAAAAR	TTTTTATAAT
		0.77087				
M00252	V\$TATA_01	11635	(+)	STATAAAWRNNNNNN	TTTTATAATGTGTGT	
		0.77950				
M00216	V\$TATA_C	9	11660	(+)	NCTATAAAAR	TTTTTAACAG
		0.79117				
M00252	V\$TATA_01	11670	(+)	STATAAAWRNNNNNN	AAATAAATAAAATCC	
		0.77581				
M00216	V\$TATA_C	2	11673	(+)	NCTATAAAAR	TAAATAAAT
		0.84775				
M00252	V\$TATA_01	4	11674	(+)	STATAAAWRNNNNNN	AAATAAAATCCAAGG

M00216	V\$TATA_C	0.83073 7	11725	(+)	NCTATAAAAR	TATTTAAAAT
M00216	V\$TATA_C	0.77660 4	11732	(+)	NCTATAAAAR	AATTTATAAA
M00252	V\$TATA_01	0.80106 6	11733	(+)	STATAAAWRNNNNNNN	ATTTATAAAAGATAA
M00216	V\$TATA_C	0.92711 9	11734	(+)	NCTATAAAAR	TTTATAAAAAG
M00252	V\$TATA_01	0.85130 7	11735	(+)	STATAAAWRNNNNNNN	TTATAAAAGATAAAA
M00252	V\$TATA_01	0.78711 0.76445	11742	(+)	STATAAAWRNNNNNNN	AGATAAAATGTAAAT
M00216	V\$TATA_C	0.76102 7	11896	(+)	NCTATAAAAR	GTTAGAAAAT
M00216	V\$TATA_C	0.75072 5	11922	(+)	NCTATAAAAR	ATTTTCAAAA
M00216	V\$TATA_C	0.77739 6	11923	(+)	NCTATAAAAR	TTTTCAAAAT
M00216	V\$TATA_C	0.81451 6	11986	(+)	NCTATAAAAR	ATTGTAAAAT
M00252	V\$TATA_01	0.83628 4	12045	(+)	STATAAAWRNNNNNNN	CTATTTAGGAACAAC
M00216	V\$TATA_C	0.83151 2	12065	(+)	NCTATAAAAR	AGTATGAAAG
M00252	V\$TATA_01	0.79931 5	12066	(+)	STATAAAWRNNNNNNN	GTATGAAAGAGGGAA
M00216	V\$TATA_C	0.84217 3	12139	(+)	NCTATAAAAR	AGTTTAAATA
M00252	V\$TATA_01	0.81172 2	12140	(+)	STATAAAWRNNNNNNN	GTTTAAATATGTTTG
M00216	V\$TATA_C	0.76762 4	12154	(+)	NCTATAAAAR	GCTTTTAAAT
M00216	V\$TATA_C	0.81730 6	12155	(+)	NCTATAAAAR	CTTTTAAATA
M00252	V\$TATA_01	0.82360 5	12156	(+)	STATAAAWRNNNNNNN	TTTTAAATAGCTTCA
M00216	V\$TATA_C	0.79142 7	12277	(+)	NCTATAAAAR	TCTTTGAAAT
M00252	V\$TATA_01	0.75864 3	12278	(+)	STATAAAWRNNNNNNN	CTTTGAAATGGGAGC
M00216	V\$TATA_C	0.77315 8	12327	(+)	NCTATAAAAR	CCTTTGTAAT
M00252	V\$TATA_01	0.7932 4	12458	(+)	STATAAAWRNNNNNNN	ATTTATATTTAGGAA
M00252	V\$TATA_01	0.77493 12518	(+)	STATAAAWRNNNNNNN	TTATATTTAGGAAAT	
M00216	V\$TATA_C	0.85371 0.75283	12537	(+)	NCTATAAAAR	CCTTTAGAAG
M00216	V\$TATA_C	0.90678 9	12574	(+)	NCTATAAAAR	TCTGTCAAAA
M00216	V\$TATA_C	0.87693 6	12628	(+)	NCTATAAAAR	TCTATATAAT
M00252	V\$TATA_01	0.76313 5	12629	(+)	STATAAAWRNNNNNNN	CTATATAATAGAAAC
M00216	V\$TATA_C	0.80309 7	12630	(+)	NCTATAAAAR	TATATAATAG
M00252	V\$TATA_01	0.78533 6	12631	(+)	STATAAAWRNNNNNNN	ATATAATAGAACTG
M00252	V\$TATA_01	0.86612 4	12704	(+)	STATAAAWRNNNNNNN	ATTTTTAAGGTGACA
M00216	V\$TATA_C	0.82694 1	12761	(+)	NCTATAAAAR	CCTATCAAAA
M00252	V\$TATA_01	7	12762	(+)	STATAAAWRNNNNNNN	CTATCAAAAAGCTATG

		0.74201				
M00216	V\$TATA_C	2	12839	(+)	NCTATAAAAR	GTCTTAGAAG
M00216	V\$TATA_C	0.78479	12857	(+)	NCTATAAAAR	TCTAGATAAT
		0.78584				
M00252	V\$TATA_01	1	12858	(+)	STATAAAWRNNNNNN	CTAGATAATGCAATT
		0.76102				
M00216	V\$TATA_C	5	12918	(+)	NCTATAAAAR	ATTTCAAAAA
		0.93504				
M00216	V\$TATA_C	1	12959	(+)	NCTATAAAAR	GCCTTAAAAG
		0.80487				
M00252	V\$TATA_01	2	12960	(+)	STATAAAWRNNNNNN	CCTTAAAAGATCACC
		0.75547				
M00216	V\$TATA_C	9	13001	(+)	NCTATAAAAR	CCTATGATAG
		0.79931				
M00216	V\$TATA_C	3	13045	(+)	NCTATAAAAR	AGTTTTAAAA
		0.85186				
M00216	V\$TATA_C	2	13046	(+)	NCTATAAAAR	GTTTTAAAAAC
		0.81349				
M00252	V\$TATA_01	9	13046	(+)	STATAAAWRNNNNNN	GTTTTAAAAC TGCCC
		0.81045				
M00252	V\$TATA_01	4	13047	(+)	STATAAAWRNNNNNN	TTTTAAAAC TGCCCC
		0.86612				
M00216	V\$TATA_C	1	13187	(+)	NCTATAAAAR	GCTATGAAAG
		0.82085				
M00252	V\$TATA_01	8	13188	(+)	STATAAAWRNNNNNN	CTATGAAAGATCAGA
		0.74306				
M00216	V\$TATA_C	8	13308	(+)	NCTATAAAAR	TCATTCAAAT
		0.78533				
M00252	V\$TATA_01	4	13326	(+)	STATAAAWRNNNNNN	TTATTAATCTATAGT
M00216	V\$TATA_C	0.77502	13465	(+)	NCTATAAAAR	CTTCTAAAAC
		0.81066				
M00216	V\$TATA_C	8	13514	(+)	NCTATAAAAR	AGTTTTAAAG
		0.76762				
M00216	V\$TATA_C	6	13515	(+)	NCTATAAAAR	GTTTTAAAGG
		0.80563				
M00252	V\$TATA_01	3	13515	(+)	STATAAAWRNNNNNN	GTTTTAAAGGTGGTA
		0.77112				
M00252	V\$TATA_01	4	13516	(+)	STATAAAWRNNNNNN	TTTTAAAGGTGGTAA
		0.84103				
M00216	V\$TATA_C	5	13588	(+)	NCTATAAAAR	AATTTAAAAA
		0.76102				
M00216	V\$TATA_C	5	13589	(+)	NCTATAAAAR	ATTTAAAAAA
		0.84876				
M00252	V\$TATA_01	9	13589	(+)	STATAAAWRNNNNNN	ATTTAAAAAAGAAAC
		0.80512				
M00216	V\$TATA_C	3	13590	(+)	NCTATAAAAR	TTTAAAAAAG
		0.81383				
M00216	V\$TATA_C	7	13624	(+)	NCTATAAAAR	GTTTTATAAA
		0.78025				
M00252	V\$TATA_01	9	13625	(+)	STATAAAWRNNNNNN	TTTATAAATATGAA
		0.79376				
M00216	V\$TATA_C	8	13626	(+)	NCTATAAAAR	TTTATAAATA
		0.88480				
M00252	V\$TATA_01	1	13627	(+)	STATAAAWRNNNNNN	TTATAAATATGAATC
		0.77569				
M00252	V\$TATA_01	1	13649	(+)	STATAAAWRNNNNNN	GGATTAAACAAGATT
		0.78399				
M00216	V\$TATA_C	8	13736	(+)	NCTATAAAAR	CTTCTAAAAT
		0.75732				
M00216	V\$TATA_C	8	13834	(+)	NCTATAAAAR	TCCATGTAAT
		0.76815				
M00216	V\$TATA_C	4	13843	(+)	NCTATAAAAR	TTTTTTAAAA
M00252	V\$TATA_01	0.78914	13843	(+)	STATAAAWRNNNNNN	TTTTTTAAAAAGAGG

M00216	V\$TATA_C	0.89015 1	13844	(+)	NCTATAAAAR	TTTTTAAAAA
M00252	V\$TATA_01	0.78939 4	13844	(+)	STATAAAWRNNNNNN	TTTTTAAAAAGAGGG
M00216	V\$TATA_C	0.77950 9	13845	(+)	NCTATAAAAR	TTTTTAAAAAG
M00252	V\$TATA_01	0.85790 4	13845	(+)	STATAAAWRNNNNNN	TTTTTAAAAAGAGGGT
M00252	V\$TATA_01	0.77822 9	13913	(+)	STATAAAWRNNNNNN	GCATTAACTGGGTT
M00252	V\$TATA_01	0.82669 4	14011	(+)	STATAAAWRNNNNNN	ATATTAATACTAATA
M00216	V\$TATA_C	0.85054 1	14114	(+)	NCTATAAAAR	TCCATCAAAG
M00252	V\$TATA_01	0.77239 3	14127	(+)	STATAAAWRNNNNNN	ATATATTTTCCACCT
M00252	V\$TATA_01	0.82796 2	14142	(+)	STATAAAWRNNNNNN	GAATATATAAAGAAT
M00216	V\$TATA_C	0.80221 8	14143	(+)	NCTATAAAAR	AATATATAAA
M00252	V\$TATA_01	0.87642 7	14144	(+)	STATAAAWRNNNNNN	ATATATAAAGAATTA
M00216	V\$TATA_C	0.75178 2	14145	(+)	NCTATAAAAR	TATATAAAGA
M00252	V\$TATA_01	0.83278 4	14146	(+)	STATAAAWRNNNNNN	ATATAAAGAATTACA
M00252	V\$TATA_01	0.82111 1	14158	(+)	STATAAAWRNNNNNN	ACATTAATGCACAGA
M00216	V\$TATA_C	0.80406 7	14175	(+)	NCTATAAAAR	CAAATAAAAG
M00252	V\$TATA_01	0.88175 6	14176	(+)	STATAAAWRNNNNNN	AAATAAAAGGCCATG
M00216	V\$TATA_C	0.77766 6	14221	(+)	NCTATAAAAR	TTCAGAAAAG
M00216	V\$TATA_C	0.76630 6	14377	(+)	NCTATAAAAR	TTCATGAAAA
M00216	V\$TATA_C	0.76049 6	14378	(+)	NCTATAAAAR	TCATGAAAAA
M00216	V\$TATA_C	0.83496 2	14392	(+)	NCTATAAAAR	ACTATAGAAC
M00252	V\$TATA_01	0.78711 9	14393	(+)	STATAAAWRNNNNNN	CTATAGAACAGAAAG
M00216	V\$TATA_C	0.85687 9	14442	(+)	NCTATAAAAR	AGTTTATAAA
M00252	V\$TATA_01	0.7932 14443	14443	(+)	STATAAAWRNNNNNN	GTTTATAAATTATAT
M00216	V\$TATA_C	0.77634 8	14444	(+)	NCTATAAAAR	TTTATAAATT
M00252	V\$TATA_01	0.77746 8	14445	(+)	STATAAAWRNNNNNN	TTATAAATTATATAA
M00216	V\$TATA_C	0.82677 6	14451	(+)	NCTATAAAAR	ATTATATAAT
M00252	V\$TATA_01	0.78685 6	14452	(+)	STATAAAWRNNNNNN	TTATATAATAATTAA
M00216	V\$TATA_C	0.75178 2	14453	(+)	NCTATAAAAR	TATATAATAA
M00252	V\$TATA_01	0.77467 6	14454	(+)	STATAAAWRNNNNNN	ATATAATAATTAAAT
M00216	V\$TATA_C	0.74412 5	14589	(+)	NCTATAAAAR	CCTAAGAAAA
M00216	V\$TATA_C	0.74306 8	14947	(+)	NCTATAAAAR	TCATTTAAAT
M00252	V\$TATA_01	0.82720 1	14949	(+)	STATAAAWRNNNNNN	ATTTAAATGACTGCA
M00252	V\$TATA_01	0.77543 8	14974	(+)	STATAAAWRNNNNNN	GTATCAAGGGAAATA

		0.76366				
M00216	V\$TATA_C	5	14998	(+)	NCTATAAAAR	ATAATATAAA
		0.77366				
M00252	V\$TATA_01	2	14999	(+)	STATAAAWRNNNNNN	TAATATAAAAATAAA
		0.86664				
M00216	V\$TATA_C	9	15000	(+)	NCTATAAAAR	AATATAAAAA
		0.89418				
M00252	V\$TATA_01	9	15001	(+)	STATAAAWRNNNNNN	ATATAAAAATAAATT
		0.77924				
M00252	V\$TATA_01	4	15007	(+)	STATAAAWRNNNNNN	AAATAAATTTAGAAT
		0.78152				
M00252	V\$TATA_01	8	15031	(+)	STATAAAWRNNNNNN	ACTTAAATGCTTAGT
M00252	V\$TATA_01	0.8102	15092	(+)	STATAAAWRNNNNNN	TGATATATGGCTAAT
M00216	V\$TATA_C	0.85239	15240	(+)	NCTATAAAAR	TCTTTAAATG
		0.85079				
M00252	V\$TATA_01	9	15241	(+)	STATAAAWRNNNNNN	CTTTAAATGCCTTTC
		0.74623				
M00216	V\$TATA_C	7	15371	(+)	NCTATAAAAR	ATAATATAAT
		0.79218				
M00252	V\$TATA_01	5	15388	(+)	STATAAAWRNNNNNN	GTTTTTATAACCTTG
		0.79931				
M00216	V\$TATA_C	3	15389	(+)	NCTATAAAAR	TTTTTATAAC
		0.74465				
M00216	V\$TATA_C	3	15413	(+)	NCTATAAAAR	AATATAATAA
		0.80664				
M00252	V\$TATA_01	8	15414	(+)	STATAAAWRNNNNNN	ATATAATAATCTATT
		0.84166				
M00252	V\$TATA_01	5	15605	(+)	STATAAAWRNNNNNN	ATATGAATACAAAGG
		0.75336				
M00216	V\$TATA_C	7	15608	(+)	NCTATAAAAR	TGAATACAAA
M00252	V\$TATA_01	0.77899	15611	(+)	STATAAAWRNNNNNN	ATACAAAGGTACAAC
		0.84209				
M00216	V\$TATA_C	1	15632	(+)	NCTATAAAAR	ACTATAAAGT
		0.81349				
M00252	V\$TATA_01	9	15633	(+)	STATAAAWRNNNNNN	CTATAAAGTTGTTTT
		0.83963				
M00252	V\$TATA_01	5	15666	(+)	STATAAAWRNNNNNN	CTATATTTAGACACA
		0.81781				
M00252	V\$TATA_01	3	15668	(+)	STATAAAWRNNNNNN	ATATTTAGACACATT
		0.78663				
M00216	V\$TATA_C	9	15729	(+)	NCTATAAAAR	ATTATAATAA
		0.77391				
M00252	V\$TATA_01	5	15745	(+)	STATAAAWRNNNNNN	ATTTAAGTAACAATA
		0.87457				
M00216	V\$TATA_C	1	15754	(+)	NCTATAAAAR	ACAATAAAAC
		0.80411				
M00252	V\$TATA_01	1	15755	(+)	STATAAAWRNNNNNN	CAATAAAACTAGCTA
		0.75336				
M00216	V\$TATA_C	7	15777	(+)	NCTATAAAAR	TTAATATAAT
		0.75785				
M00216	V\$TATA_C	6	15803	(+)	NCTATAAAAR	TCTACACAAG
		0.75917				
M00216	V\$TATA_C	6	15865	(+)	NCTATAAAAR	TCTTTATGAT
		0.77391				
M00252	V\$TATA_01	5	15866	(+)	STATAAAWRNNNNNN	CTTTATGATCACTGG
		0.74148				
M00216	V\$TATA_C	4	15879	(+)	NCTATAAAAR	GGAATAGAAA
		0.82070				
M00216	V\$TATA_C	2	15889	(+)	NCTATAAAAR	TACTTAAAAA
M00216	V\$TATA_C	0.84526	15890	(+)	NCTATAAAAR	ACTTAAAAAG
		0.80411				
M00252	V\$TATA_01	1	15890	(+)	STATAAAWRNNNNNN	ACTTAAAAAGTCACA

M00252	V\$TATA_01	0.85156 1	15943	(+)	STATAAAWRNNNNNNN	ATTTAAATGTCCATA
		0.78848				
M00216	V\$TATA_C	7	16044	(+)	NCTATAAAAR	CCCTTACAAC
		0.75706				
M00216	V\$TATA_C	4	16130	(+)	NCTATAAAAR	ACTGCAAAAG
		0.81451				
M00252	V\$TATA_01	4	16154	(+)	STATAAAWRNNNNNNN	TCATAAATTGCCTGT
		0.84790				
M00216	V\$TATA_C	1	16164	(+)	NCTATAAAAR	CCTGTAAAAAC
		0.81357				
M00216	V\$TATA_C	3	16171	(+)	NCTATAAAAR	AACTTAAAAA
		0.81647				
M00216	V\$TATA_C	7	16172	(+)	NCTATAAAAR	ACTTAAAAAT
		0.79903				
M00252	V\$TATA_01	6	16172	(+)	STATAAAWRNNNNNNN	ACTTAAAAATCAGGA
		0.75495				
M00216	V\$TATA_C	1	16215	(+)	NCTATAAAAR	CACATATAAC
		0.77315				
M00252	V\$TATA_01	4	16216	(+)	STATAAAWRNNNNNNN	ACATATAACTTTGTG
		0.87087				
M00216	V\$TATA_C	4	16259	(+)	NCTATAAAAR	ACTATTAAAG
		0.86196				
M00252	V\$TATA_01	4	16260	(+)	STATAAAWRNNNNNNN	CTATTAAAGTGATC
		0.74491				
M00216	V\$TATA_C	7	16272	(+)	NCTATAAAAR	ATCTTAACAG
		0.84050				
M00216	V\$TATA_C	7	16290	(+)	NCTATAAAAR	CCTTTCAAAA
M00216	V\$TATA_C	0.74122	16291	(+)	NCTATAAAAR	CTTTCAAAAC
		0.74650				
M00216	V\$TATA_C	1	16397	(+)	NCTATAAAAR	TCTATCCAAA
		0.74069				
M00216	V\$TATA_C	2	16420	(+)	NCTATAAAAR	GTTTTAGAAT
		0.83152				
M00216	V\$TATA_C	9	16553	(+)	NCTATAAAAR	GGTATAAAGG
		0.91981				
M00252	V\$TATA_01	7	16554	(+)	STATAAAWRNNNNNNN	GTATAAAGGCCACTG
		0.74887				
M00216	V\$TATA_C	8	16589	(+)	NCTATAAAAR	TTCATTAAAT
		0.74306				
M00216	V\$TATA_C	8	16590	(+)	NCTATAAAAR	TCATTAAATT
		0.78000				
M00252	V\$TATA_01	5	16601	(+)	STATAAAWRNNNNNNN	CTATATGGAAAAATGT
		0.74201				
M00216	V\$TATA_C	2	16613	(+)	NCTATAAAAR	TGTTTTTAAA
		0.76762				
M00216	V\$TATA_C	6	16614	(+)	NCTATAAAAR	GTTTTTAAAG
		0.80994				
M00252	V\$TATA_01	7	16614	(+)	STATAAAWRNNNNNNN	GTTTTTAAAGCCTTT
		0.74174				
M00216	V\$TATA_C	8	16615	(+)	NCTATAAAAR	TTTTTAAAGC
		0.77543				
M00252	V\$TATA_01	8	16615	(+)	STATAAAWRNNNNNNN	TTTTTAAAGCCTTTG
		0.76868				
M00216	V\$TATA_C	2	16702	(+)	NCTATAAAAR	TCAATAAATT
		0.77645				
M00252	V\$TATA_01	3	16703	(+)	STATAAAWRNNNNNNN	CAATAAATTACATTT
		0.83438				
M00223	V\$STAT_01	4	159	(+)	TTCCCRKAA	TTCCTATGA
		0.86866				
M00223	V\$STAT_01	6	327	(+)	TTCCCRKAA	TTATGGTAA
		0.93193				
M00223	V\$STAT_01	8	327	(-)	TTCCCRKAA	TTATGGTAA
		0.80262				
M00223	V\$STAT_01	2	462	(-)	TTCCCRKAA	TTAGGTAA

M00225	V\$STAT3_01	0.75930 5 0.74424	730	(+)	NGNNATTCCSGGAARTGNNN	TCITTATTTATCTGAAATGCAT
M00225	V\$STAT3_01	3	730	(-)	NGNNATTCCSGGAARTGNNN	TCITTATTTATCTGAAATGCAT
M00223	V\$STAT_01	0.80968 0.82656	736	(+)	TTCCCRKAA	TTATCTGAA
M00223	V\$STAT_01	9	736	(-)	TTCCCRKAA	TTATCTGAA
M00223	V\$STAT_01	0.81673 0.84976	794	(+)	TTCCCRKAA	TTAATGGAA
M00223	V\$STAT_01	1	1080	(-)	TTCCCRKAA	CTACAGGAA
M00223	V\$STAT_01	0.81673 0.81774	1104	(+)	TTCCCRKAA	TTATTGTCA
M00223	V\$STAT_01	6	1154	(+)	TTCCCRKAA	TTCTCTGA
M00223	V\$STAT_01	0.79052 0.88807	1170	(+)	TTCCCRKAA	TTACTATTA
M00223	V\$STAT_01	7	1339	(+)	TTCCCRKAA	TTATCATAA
M00223	V\$STAT_01	0.85152 0.81673	1339	(-)	TTCCCRKAA	TTATCATAA
M00223	V\$STAT_01	8	1357	(+)	TTCCCRKAA	TTGTTGGAA
M00223	V\$STAT_01	0.86135 0.80589	1397	(+)	TTCCCRKAA	TTATTATAA
M00223	V\$STAT_01	9	1497	(-)	TTCCCRKAA	GTACAGTAA
M00223	V\$STAT_01	0.83287 0.85681	2116	(+)	TTCCCRKAA	TTCCAGGCA
M00223	V\$STAT_01	9	2116	(-)	TTCCCRKAA	TTCCAGGCA
M00223	V\$STAT_01	0.82682 1	2351	(+)	TTCCCRKAA	TTCTTCTCA
M00223	V\$STAT_01	0.8364	2354	(+)	TTCCCRKAA	TTCTCAAAA
M00223	V\$STAT_01	0.8606	2451	(-)	TTCCCRKAA	TGACAAGAA
M00223	V\$STAT_01	0.8606 0.72583	2666	(-)	TTCCCRKAA	TGACAGTAA
M00224	V\$STAT1_01	6	2670	(+)	NNNSANTTCCGGGAANTGNSN	AGTAAGTTACGAAAAAAGGGT
M00223	V\$STAT_01	0.79984 9	2676	(+)	TTCCCRKAA	TTACGAAAA
M00223	V\$STAT_01	0.8364 0.85152	2676	(-)	TTCCCRKAA	TTACGAAAA
M00223	V\$STAT_01	5	2891	(+)	TTCCCRKAA	TTATGATAA
M00223	V\$STAT_01	0.88807 0.82631	2891	(-)	TTCCCRKAA	TTATGATAA
M00223	V\$STAT_01	7	3170	(+)	TTCCCRKAA	TTAACAGAA
M00223	V\$STAT_01	0.80993 0.83362	3170	(-)	TTCCCRKAA	TTAACAGAA
M00223	V\$STAT_01	7	3229	(+)	TTCCCRKAA	TTCTAAGAA
M00223	V\$STAT_01	0.91227 0.82631	3229	(-)	TTCCCRKAA	TTCTAAGAA
M00223	V\$STAT_01	7	3263	(-)	TTCCCRKAA	TGATGATAA
M00223	V\$STAT_01	0.80589 0.81976	3604	(-)	TTCCCRKAA	TTACAAGAG
M00223	V\$STAT_01	3	3700	(+)	TTCCCRKAA	TTACCCCAA
M00223	V\$STAT_01	0.84976 1	4097	(-)	TTCCCRKAA	CTACAGGAA

M00223	V\$STAT_01	0.79178 2	4137	(-)	TTCCCRKAA	TGGCGGTAA
M00224	V\$STAT1_01	0.76354 4	4175	(+)	NNNSANTTCCGGGAANTGNSN	TGTATTTTCTGGAAAAATCA
M00223	V\$STAT_01	0.8606 0.79203	4181	(+)	TTCCCRKAA	TTTCTGGAA
M00223	V\$STAT_01	4	4181	(-)	TTCCCRKAA	TTTCTGGAA
M00223	V\$STAT_01	0.81699 0.87017	4182	(+)	TTCCCRKAA	TTCTGGAAA
M00223	V\$STAT_01	9	4182	(-)	TTCCCRKAA	TTCTGGAAA
M00223	V\$STAT_01	0.81724 2	4399	(+)	TTCCCRKAA	TTCTCATTA
M00223	V\$STAT_01	0.79253 8	4563	(+)	TTCCCRKAA	TTAATATAA
M00224	V\$STAT1_01	0.73275 2	4585	(+)	NNNSANTTCCGGGAANTGNSN	TAGCCTTTTCCAGAAGTGTTT
M00224	V\$STAT1_01	0.72089 6	4585	(-)	NNNSANTTCCGGGAANTGNSN	TAGCCTTTTCCAGAAGTGTTT
M00225	V\$STAT3_01	0.75177 4	4585	(+)	NGNNATTTCCSGGAARTGNNN	TAGCCTTTTCCAGAAGTGTTT
M00223	V\$STAT_01	0.87017 9	4591	(+)	TTCCCRKAA	TTTCCAGAA
M00223	V\$STAT_01	0.81699 0.81547	4591	(-)	TTCCCRKAA	TTTCCAGAA
M00223	V\$STAT_01	8	4671	(-)	TTCCCRKAA	TTATGGTAT
M00223	V\$STAT_01	0.92941 8	4810	(+)	TTCCCRKAA	TTACTGGAA
M00223	V\$STAT_01	0.88757 2	4810	(-)	TTCCCRKAA	TTACTGGAA
M00223	V\$STAT_01	0.82682 1	4910	(-)	TTCCCRKAA	TTGCAAGAA
M00223	V\$STAT_01	0.80060 5	5032	(-)	TTCCCRKAA	TAAGGAGAA
M00223	V\$STAT_01	0.80690 7	5153	(+)	TTCCCRKAA	TTAAGGGAA
M00223	V\$STAT_01	0.89034 5	5153	(-)	TTCCCRKAA	TTAAGGGAA
M00223	V\$STAT_01	0.96622 1	5265	(+)	TTCCCRKAA	TTCTGTAA
M00223	V\$STAT_01	0.85076 9	5265	(-)	TTCCCRKAA	TTCTGTAA
M00223	V\$STAT_01	0.8243 0.79253	5316	(-)	TTCCCRKAA	TACTGAGAA
M00223	V\$STAT_01	8	5378	(+)	TTCCCRKAA	TTAGTATAA
M00223	V\$STAT_01	0.81295 7	5502	(-)	TTCCCRKAA	CTCCAAGAA
M00223	V\$STAT_01	0.86765 8	5656	(+)	TTCCCRKAA	TTCTTGGCA
M00223	V\$STAT_01	0.82682 1	5834	(-)	TTCCCRKAA	TTCAAAGAA
M00223	V\$STAT_01	0.80136 1	5952	(-)	TTCCCRKAA	TGATGGAAA
M00223	V\$STAT_01	0.86362 5	6121	(-)	TTCCCRKAA	TTAAAGGAA
M00223	V\$STAT_01	0.79253 8	6152	(+)	TTCCCRKAA	TTATCAAAA
M00223	V\$STAT_01	0.79581 5	6376	(-)	TTCCCRKAA	TTCTAAGGA
M00223	V\$STAT_01	0.80060 5	6587	(-)	TTCCCRKAA	TCAGGAGAA
M00223	V\$STAT_01	0.79178 2	6686	(+)	TTCCCRKAA	TTTCTGTCA

		0.92109				
M00223	V\$STAT_01	9	6960	(+)	TTCCCRKAA	TTCCCAGCA
		0.80312				
M00223	V\$STAT_01	6	6960	(-)	TTCCCRKAA	TTCCCAGCA
		0.81976				
M00223	V\$STAT_01	3	7042	(+)	TTCCCRKAA	TTCTCCCAA
		0.84976				
M00223	V\$STAT_01	1	7069	(+)	TTCCCRKAA	TTCTGTAG
		0.80262				
M00223	V\$STAT_01	2	7393	(-)	TTCCCRKAA	TTAGGAAAA
		0.81925				
M00223	V\$STAT_01	9	7924	(-)	TTCCCRKAA	TTATGTAA
		0.77128				
M00224	V\$STAT1_01	3	7984	(-)	NNNSANTTCCGGAANTGNSN	TTACATGTCCCGTAAGGTTTC
		0.73135				
M00225	V\$STAT3_01	4	7984	(+)	NGNNATTCCSGGAARTGNNN	TTACATGTCCCGTAAGGTTTC
		0.87648				
M00223	V\$STAT_01	1	7990	(+)	TTCCCRKAA	GTCCCGTAA
		0.80312				
M00223	V\$STAT_01	6	7990	(-)	TTCCCRKAA	GTCCCGTAA
		0.85782				
M00223	V\$STAT_01	7	8114	(+)	TTCCCRKAA	TTCTGGGCA
		0.86639				
M00223	V\$STAT_01	8	8114	(-)	TTCCCRKAA	TTCTGGGCA
		0.86639				
M00223	V\$STAT_01	8	8181	(+)	TTCCCRKAA	TTCCCAGAT
		0.80312				
M00223	V\$STAT_01	6	8181	(-)	TTCCCRKAA	TTCCCAGAT
		0.82656				
M00223	V\$STAT_01	9	8220	(+)	TTCCCRKAA	TTACAATAA
		0.87849				
M00223	V\$STAT_01	8	8220	(-)	TTCCCRKAA	TTACAATAA
		0.72089				
M00224	V\$STAT1_01	6	8265	(-)	NNNSANTTCCGGAANTGNSN	ATATCCTTGCGGAACTCAAT
		0.82707				
M00223	V\$STAT_01	3	8271	(-)	TTCCCRKAA	TTTGCGGAA
		0.82631				
M00223	V\$STAT_01	7	8776	(+)	TTCCCRKAA	TTAGCAGAA
M00223	V\$STAT_01	0.87875	8776	(-)	TTCCCRKAA	TTAGCAGAA
		0.79606				
M00223	V\$STAT_01	8	8829	(+)	TTCCCRKAA	ATCTGGTAA
		0.82253				
M00223	V\$STAT_01	6	8829	(-)	TTCCCRKAA	ATCTGGTAA
		0.79581				
M00223	V\$STAT_01	5	8956	(-)	TTCCCRKAA	TTCTAGTAG
		0.89437				
M00223	V\$STAT_01	9	9140	(+)	TTCCCRKAA	TTACCGGCA
		0.83992				
M00223	V\$STAT_01	9	9140	(-)	TTCCCRKAA	TTACCGGCA
		0.85051				
M00223	V\$STAT_01	7	9581	(+)	TTCCCRKAA	TTCTTAGCA
		0.81850				
M00223	V\$STAT_01	3	9795	(+)	TTCCCRKAA	TTCCCAACA
		0.79304				
M00223	V\$STAT_01	3	9828	(+)	TTCCCRKAA	TTCTTCAAA
		0.81295				
M00223	V\$STAT_01	7	9874	(-)	TTCCCRKAA	TTCCAGTGA
		0.73555				
M00224	V\$STAT1_01	1	10074	(+)	NNNSANTTCCGGAANTGNSN	CTTTACTCCTGGGAAAGGGAT
		0.72649				
M00224	V\$STAT1_01	4	10074	(-)	NNNSANTTCCGGAANTGNSN	CTTTACTCCTGGGAAAGGGAT
		0.74351				
M00225	V\$STAT3_01	9	10074	(+)	NGNNATTCCSGGAARTGNNN	CTTTACTCCTGGGAAAGGGAT
		0.72049				
M00225	V\$STAT3_01	2	10074	(-)	NGNNATTCCSGGAARTGNNN	CTTTACTCCTGGGAAAGGGAT

		0.80312				
M00223	V\$STAT_01	6	10080	(+)	TTCCCRKAA	TCCTGGGAA
		0.86816				
M00223	V\$STAT_01	2	10080	(-)	TTCCCRKAA	TCCTGGGAA
		0.82253				
M00223	V\$STAT_01	6	10155	(+)	TTCCCRKAA	TTCTCAGAC
		0.86135				
M00223	V\$STAT_01	6	10198	(+)	TTCCCRKAA	TTATTATAA
		0.86135				
M00223	V\$STAT_01	6	10201	(-)	TTCCCRKAA	TTATAATAA
		0.83362				
M00223	V\$STAT_01	7	10486	(+)	TTCCCRKAA	TTCTAAGAA
		0.91227				
M00223	V\$STAT_01	6	10486	(-)	TTCCCRKAA	TTCTAAGAA
		0.75843				
M00224	V\$STAT1_01	9	10651	(-)	NNNSANTTCCGGGAANTGNSN	CTCTCCTTCCCCTAATCCCTA
		0.95916				
M00223	V\$STAT_01	3	10657	(+)	TTCCCRKAA	TTCCCCTAA
		0.80690				
M00223	V\$STAT_01	7	10657	(-)	TTCCCRKAA	TTCCCCTAA
		0.81724				
M00223	V\$STAT_01	2	10694	(-)	TTCCCRKAA	TCATGAGAA
		0.88026				
M00223	V\$STAT_01	2	10839	(+)	TTCCCRKAA	TTCCCAAAA
		0.80690				
M00223	V\$STAT_01	7	10839	(-)	TTCCCRKAA	TTCCCAAAA
		0.85354				
M00223	V\$STAT_01	2	11149	(-)	TTCCCRKAA	TTGTAGGAA
		0.79581				
M00223	V\$STAT_01	5	11295	(-)	TTCCCRKAA	ATCTAAGAA
		0.85354				
M00223	V\$STAT_01	2	11305	(-)	TTCCCRKAA	TTACATGAA
		0.83690				
M00223	V\$STAT_01	4	11559	(-)	TTCCCRKAA	TTTGAGGAA
		0.79253				
M00223	V\$STAT_01	8	11634	(+)	TTCCCRKAA	TTTTTATAA
		0.82631				
M00223	V\$STAT_01	7	11663	(+)	TTCCCRKAA	TTAACAGAA
		0.80993				
M00223	V\$STAT_01	2	11663	(-)	TTCCCRKAA	TTAACAGAA
		0.8364				
M00223	V\$STAT_01	8	11856	(-)	TTCCCRKAA	TTATAGCAA
		0.79253				
M00223	V\$STAT_01	8	11951	(-)	TTCCCRKAA	TTATACTAA
		0.81472				
M00223	V\$STAT_01	1	11977	(+)	TTCCCRKAA	TTCTTGGA
		0.87068				
M00223	V\$STAT_01	3	12190	(+)	TTCCCRKAA	TTCTCTCA
		0.80968				
M00223	V\$STAT_01	6	12235	(-)	TTCCCRKAA	TTGTAGTAA
		0.82253				
M00223	V\$STAT_01	6	12247	(-)	TTCCCRKAA	ATCTGAGAA
		0.82682				
M00223	V\$STAT_01	1	12276	(+)	TTCCCRKAA	TTCTTTGAA
		0.81925				
M00223	V\$STAT_01	9	12368	(-)	TTCCCRKAA	TTATGTTAA
		0.81925				
M00223	V\$STAT_01	9	12386	(-)	TTCCCRKAA	TTATGTTAA
		0.88858				
M00223	V\$STAT_01	1	12540	(-)	TTCCCRKAA	TTAGAAGAA
		0.79178				
M00223	V\$STAT_01	2	12572	(+)	TTCCCRKAA	TTTCTGTCA
		0.88732				
M00223	V\$STAT_01	5	12759	(+)	TTCCCRKAA	TTCTATCA
		0.79581				
M00223	V\$STAT_01	5	12839	(+)	TTCCCRKAA	GTCTTAGAA

M00223	V\$STAT_01	0.88858 1	12842	(-)	TTCCCRKAA	TTAGAAGAA
M00224	V\$STAT1_01	0.72567 1	12982	(+)	NNNSANTTCCGGAANTGNSN	TTTTTCTTTCCAGAAACAGCC
M00224	V\$STAT1_01	0.73653 9	12982	(-)	NNNSANTTCCGGAANTGNSN	TTTTTCTTTCCAGAAACAGCC
M00225	V\$STAT3_01	0.72454 7	12982	(-)	NGNNATTCCSGGAARTGNNN	TTTTTCTTTCCAGAAACAGCC
M00224	V\$STAT1_01	0.73242 2	12983	(+)	NNNSANTTCCGGAANTGNSN	TTTTTCTTTCCAGAAACAGCCT
M00223	V\$STAT_01	0.87017 9	12988	(+)	TTCCCRKAA	TTTCCAGAA
M00223	V\$STAT_01	0.81699 0.79203	12988	(-)	TTCCCRKAA	TTTCCAGAA
M00223	V\$STAT_01	4	12989	(+)	TTCCCRKAA	TTCCAGAAA
M00223	V\$STAT_01	0.8606 0.88858	12989	(-)	TTCCCRKAA	TTCCAGAAA
M00223	V\$STAT_01	1 0.85152	13463	(+)	TTCCCRKAA	TTCTTCTAA
M00223	V\$STAT_01	5 0.88807	13690	(+)	TTCCCRKAA	TTATGATAA
M00223	V\$STAT_01	7 0.88858	13690	(-)	TTCCCRKAA	TTATGATAA
M00223	V\$STAT_01	1 0.79253	13734	(+)	TTCCCRKAA	TTCTTCTAA
M00223	V\$STAT_01	8 0.86135	14009	(-)	TTCCCRKAA	TTATATTAA
M00223	V\$STAT_01	6	14049	(+)	TTCCCRKAA	TTATTATAA
M00223	V\$STAT_01	0.80968 0.86765	14156	(-)	TTCCCRKAA	TTACATTAA
M00223	V\$STAT_01	8 0.80312	14308	(+)	TTCCCRKAA	TTCTTGGCA
M00223	V\$STAT_01	6 0.86639	14337	(+)	TTCCCRKAA	TTCTGGGAC
M00223	V\$STAT_01	8 0.81295	14337	(-)	TTCCCRKAA	TTCTGGGAC
M00223	V\$STAT_01	7	14525	(+)	TTCCCRKAA	TTCTTGGAG
M00223	V\$STAT_01	0.79884 0.80766	14585	(+)	TTCCCRKAA	GTACCCTAA
M00223	V\$STAT_01	3 0.81547	14617	(+)	TTCCCRKAA	TTACTGTGA
M00223	V\$STAT_01	8 0.80136	14627	(+)	TTCCCRKAA	TTACCATAG
M00223	V\$STAT_01	1 0.81547	14683	(-)	TTCCCRKAA	TGATGCGAA
M00223	V\$STAT_01	8 0.82253	14745	(+)	TTCCCRKAA	TTCTCATAC
M00223	V\$STAT_01	6 0.84471	14902	(-)	TTCCCRKAA	CTCTGAGAA
M00223	V\$STAT_01	9 0.72748	15015	(-)	TTCCCRKAA	TTAGAATAA
M00224	V\$STAT1_01	2 0.71035	15054	(+)	NNNSANTTCCGGAANTGNSN	CTAGAATTTTCTGAAATGGAA
M00225	V\$STAT3_01	5 0.72764	15054	(+)	NGNNATTCCSGGAARTGNNN	CTAGAATTTTCTGAAATGGAA
M00224	V\$STAT1_01	7 0.82631	15055	(+)	NNNSANTTCCGGAANTGNSN	TAGAATTTTCTGAAATGGAAA
M00223	V\$STAT_01	7 0.72367	15078	(-)	TTCCCRKAA	TGATGATAA
M00225	V\$STAT3_01	8 0.82682	15356	(-)	NGNNATTCCSGGAARTGNNN	TTTCGCTTACTTGAAATAATA
M00223	V\$STAT_01	1	15362	(+)	TTCCCRKAA	TTACTTGAA

		0.79253				
M00223	V\$STAT_01	8	15389	(+)	TTCCCRKAA	TTTTTATAA
		0.80312				
M00223	V\$STAT_01	6	15437	(+)	TTCCCRKAA	TGCTGGGAA
		0.92109				
M00223	V\$STAT_01	9	15437	(-)	TTCCCRKAA	TGCTGGGAA
		0.81547				
M00223	V\$STAT_01	8	15540	(-)	TTCCCRKAA	TTATGAGGA
		0.86135				
M00223	V\$STAT_01	6	15730	(-)	TTCCCRKAA	TTATAATAA
		0.79253				
M00223	V\$STAT_01	8	15777	(+)	TTCCCRKAA	TTAATATAA
		0.79783				
M00223	V\$STAT_01	2	15836	(+)	TTCCCRKAA	TTCTGGTGA
		0.82253				
M00223	V\$STAT_01	6	15836	(-)	TTCCCRKAA	TTCTGGTGA
		0.81295				
M00223	V\$STAT_01	7	15874	(+)	TTCCCRKAA	TCACTGGAA
		0.80589				
M00223	V\$STAT_01	9	15980	(+)	TTCCCRKAA	TTACTGTAT
		0.82682				
M00223	V\$STAT_01	1	16128	(+)	TTCCCRKAA	TTACTGCAA
		0.84976				
M00223	V\$STAT_01	1	16162	(+)	TTCCCRKAA	TGCCTGTAA
		0.80262				
M00223	V\$STAT_01	2	16510	(+)	TTCCCRKAA	TTGTCCTAA
		0.81295				
M00223	V\$STAT_01	7	16535	(-)	TTCCCRKAA	TTCCAGTAG
		0.73966				
M00224	V\$STAT1_01	7	16632	(-)	NNNSANTTCCGGGAANTGNSN	TCACCTCTCCTGTAAGTGCCA
		0.84976				
M00223	V\$STAT_01	1	16638	(+)	TTCCCRKAA	CTCCTGTAA
		0.78035				
M00075	V\$GATA1_01	5	2	(+)	SNNGATNNNN	CTTGATCATC
		0.79861				
M00075	V\$GATA1_01	8	2	(-)	SNNGATNNNN	CTTGATCATC
		0.79115				
M00076	V\$GATA2_01	9	2	(-)	NNNGATRNNN	CTTGATCATC
		0.80083				
M00127	V\$GATA1_03	3	3	(-)	RNSNNGATAANNGN	TTGATCATCAACCC
		0.82724				
M00075	V\$GATA1_01	6	5	(-)	SNNGATNNNN	GATCATCAAC
		0.78662				
M00127	V\$GATA1_03	4	76	(-)	RNSNNGATAANNGN	TATTTTATTTTCCT
		0.78031				
M00126	V\$GATA1_02	2	91	(-)	NNNNNGATANKGNN	TGTCTCATCTTTAA
		0.79521				
M00076	V\$GATA2_01	9	93	(-)	NNNGATRNNN	TCTCATCTTT
		0.86575				
M00077	V\$GATA3_01	1	93	(-)	NNGATARNG	TCTCATCTT
		0.85636				
M00075	V\$GATA1_01	7	137	(+)	SNNGATNNNN	TGTGATTGCA
		0.85250				
M00076	V\$GATA2_01	3	137	(+)	NNNGATRNNN	TGTGATTGCA
		0.87106				
M00077	V\$GATA3_01	8	138	(+)	NNGATARNG	GTGATTGCA
		0.78845				
M00076	V\$GATA2_01	3	160	(-)	NNNGATRNNN	TCCTATGATA
		0.78578				
M00075	V\$GATA1_01	5	163	(+)	SNNGATNNNN	TATGATATAC
		0.83942				
M00076	V\$GATA2_01	3	163	(+)	NNNGATRNNN	TATGATATAC
		0.8225				
M00126	V\$GATA1_02	198	(+)	NNNNNGATANKGNN	ATGTTGATACTATC	
		0.85668				
M00127	V\$GATA1_03	8	198	(+)	RNSNNGATAANNGN	ATGTTGATACTATC

		0.84600				
M00075	V\$GATA1_01	2	200	(+)	SNNGATNNNN	GTTGATACTA
		0.79747				
M00076	V\$GATA2_01	4	200	(+)	NNNGATRNNN	GTTGATACTA
		0.84437				
M00126	V\$GATA1_02	5	203	(-)	NNNNNGATANKGNN	GATACTATCTATCT
		0.86844				
M00127	V\$GATA1_03	7	203	(-)	RNSNNGATAANNGN	GATACTATCTATCT
		0.78627				
M00075	V\$GATA1_01	8	205	(-)	SNNGATNNNN	TACTATCTAT
		0.7871				
M00076	V\$GATA2_01	5	205	(-)	NNNGATRNNN	TACTATCTAT
		0.90252				
M00077	V\$GATA3_01	5	205	(-)	NNGATARNG	TACTATCTA
		0.85399				
M00203	V\$GATA_C	2	206	(-)	NGATAAGNMNN	ACTATCTATCT
		0.77093				
M00126	V\$GATA1_02	7	207	(-)	NNNNNGATANKGNN	CTATCTATCTCAGA
		0.83731				
M00128	V\$GATA1_04	6	207	(-)	NNCWGATARNNNN	CTATCTATCTCAG
		0.85538				
M00075	V\$GATA1_01	3	209	(-)	SNNGATNNNN	ATCTATCTCA
		0.89896				
M00076	V\$GATA2_01	5	209	(-)	NNNGATRNNN	ATCTATCTCA
		0.89233				
M00077	V\$GATA3_01	5	209	(-)	NNGATARNG	ATCTATCTC
		0.85192				
M00075	V\$GATA1_01	5	263	(+)	SNNGATNNNN	CCTGATCATT
		0.78578				
M00075	V\$GATA1_01	5	263	(-)	SNNGATNNNN	CCTGATCATT
		0.82092				
M00076	V\$GATA2_01	9	263	(+)	NNNGATRNNN	CCTGATCATT
		0.79070				
M00076	V\$GATA2_01	8	263	(-)	NNNGATRNNN	CCTGATCATT
		0.77937				
M00126	V\$GATA1_02	5	300	(+)	NNNNNGATANKGNN	ATGTAGATACATAA
		0.84100				
M00127	V\$GATA1_03	9	300	(+)	RNSNNGATAANNGN	ATGTAGATACATAA
		0.82132				
M00075	V\$GATA1_01	3	302	(+)	SNNGATNNNN	GTAGATACAT
		0.79837				
M00076	V\$GATA2_01	6	302	(+)	NNNGATRNNN	GTAGATACAT
		0.87791				
M00203	V\$GATA_C	2	304	(+)	NGATAAGNMNN	AGATACATAAC
		0.79103				
M00127	V\$GATA1_03	4	400	(-)	RNSNNGATAANNGN	TTTGTTCATGGT
		0.79201				
M00127	V\$GATA1_03	4	412	(+)	RNSNNGATAANNGN	GTGAAGATCATTC
		0.80602				
M00075	V\$GATA1_01	2	414	(+)	SNNGATNNNN	GAAGATCATT
		0.82949				
M00076	V\$GATA2_01	9	414	(+)	NNNGATRNNN	GAAGATCATT
		0.78258				
M00076	V\$GATA2_01	9	414	(-)	NNNGATRNNN	GAAGATCATT
		0.77492				
M00075	V\$GATA1_01	6	488	(-)	SNNGATNNNN	AGGAAACACC
		0.79781				
M00126	V\$GATA1_02	3	496	(+)	NNNNNGATANKGNN	CCAATGATAGACAA
		0.80671				
M00127	V\$GATA1_03	2	496	(+)	RNSNNGATAANNGN	CCAATGATAGACAA
		0.82428				
M00075	V\$GATA1_01	4	498	(+)	SNNGATNNNN	AATGATAGAC
		0.84348				
M00076	V\$GATA2_01	2	498	(+)	NNNGATRNNN	AATGATAGAC
		0.85157				
M00077	V\$GATA3_01	3	499	(+)	NNGATARNG	ATGATAGAC

M00203	V\$GATA_C	0.88474 7	500	(+)	NGATAAGNMNN	TGATAGACAAT
M00128	V\$GATA1_04	0.84160 5	509	(+)	NNCWGATARNNNN	ATTAGATATAAAT
M00077	V\$GATA3_01	0.82233 1	511	(+)	NNGATARNG	TAGATATAA
M00203	V\$GATA_C	0.83504 2	512	(+)	NGATAAGNMNN	AGATATAAATG
M00075	V\$GATA1_01	0.78973 3	519	(+)	SNNGATNNNN	AATGATTACT
M00076	V\$GATA2_01	0.79025 7	519	(+)	NNNGATRNNN	AATGATTACT
M00127	V\$GATA1_03	0.78466 4	532	(+)	RNSNNGATAANNGN	ATAAAGATGATTAA
M00075	V\$GATA1_01	0.79269 5	534	(+)	SNNGATNNNN	AAAGATGATT
M00076	V\$GATA2_01	0.81867 4	534	(+)	NNNGATRNNN	AAAGATGATT
M00075	V\$GATA1_01	0.77936 8	537	(+)	SNNGATNNNN	GATGATTAAA
M00077	V\$GATA3_01	0.82144 4	538	(+)	NNGATARNG	ATGATTAAA
M00075	V\$GATA1_01	0.77887 5	548	(+)	SNNGATNNNN	TTGGATATTT
M00076	V\$GATA2_01	0.82724 4	548	(+)	NNNGATRNNN	TTGGATATTT
M00127	V\$GATA1_03	0.82386 1	558	(+)	RNSNNGATAANNGN	ATAAGGATACAAAT
M00076	V\$GATA2_01	0.81777 2	560	(+)	NNNGATRNNN	AAGGATACAA
M00203	V\$GATA_C	0.86455 4	562	(+)	NGATAAGNMNN	GGATACAAATA
M00127	V\$GATA1_03	0.82680 1	574	(+)	RNSNNGATAANNGN	ATGAAAATAATAAA
M00075	V\$GATA1_01	0.84847 630	630	(+)	SNNGATNNNN	GTAGATTCTG
M00076	V\$GATA2_01	0.7871 630	630	(+)	NNNGATRNNN	GTAGATTCTG
M00077	V\$GATA3_01	0.82454 6	631	(+)	NNGATARNG	TAGATTCTG
M00075	V\$GATA1_01	0.78973 3	669	(-)	SNNGATNNNN	AATAATCTGT
M00076	V\$GATA2_01	0.79070 8	669	(-)	NNNGATRNNN	AATAATCTGT
M00077	V\$GATA3_01	0.82720 4	669	(-)	NNGATARNG	AATAATCTG
M00077	V\$GATA3_01	0.84049 6	716	(-)	NNGATARNG	TATAATCTA
M00127	V\$GATA1_03	0.79446 3	728	(-)	RNSNNGATAANNGN	TTTCTTATTTATCT
M00203	V\$GATA_C	0.91177 4	731	(-)	NGATAAGNMNN	CTTATTTATCT
M00126	V\$GATA1_02	0.78531 3	732	(-)	NNNNNGATANKGNN	TTATTTATCTGAAA
M00128	V\$GATA1_04	0.92922 8	732	(-)	NNCWGATARNNNN	TTATTTATCTGAA
M00075	V\$GATA1_01	0.78233 734	734	(-)	SNNGATNNNN	ATTTATCTGA
M00076	V\$GATA2_01	0.84754 2	734	(-)	NNNGATRNNN	ATTTATCTGA
M00077	V\$GATA3_01	0.84093 9	734	(-)	NNGATARNG	ATTTATCTG
M00126	V\$GATA1_02	0.78593 8	815	(+)	NNNNNGATANKGNN	AACGTGATATGTTT
M00128	V\$GATA1_04	0.83486 5	816	(+)	NNCWGATARNNNN	ACGTGATATGTTT

M00075	V\$GATA1_01	0.94175 7	817	(+)	SNNGATNNNN	CGTGATATGT
M00076	V\$GATA2_01	0.90663 1	817	(+)	NNNGATRNNN	CGTGATATGT
M00077	V\$GATA3_01	0.84935 8	818	(+)	NNGATARNG	GTGATATGT
M00075	V\$GATA1_01	0.84452 1	843	(-)	SNNGATNNNN	TTCAATCATC
M00076	V\$GATA2_01	0.79972 9	843	(-)	NNNGATRNNN	TTCAATCATC
M00077	V\$GATA3_01	0.84980 1	843	(-)	NNGATARNG	TTCAATCAT
M00127	V\$GATA1_03	0.83782 5	844	(-)	RNSNNGATAANNGN	TCAATCATCTTCAT
M00075	V\$GATA1_01	0.85735 4	846	(-)	SNNGATNNNN	AATCATCTTC
M00076	V\$GATA2_01	0.86558 4	846	(-)	NNNGATRNNN	AATCATCTTC
M00203	V\$GATA_C	0.87884 4	870	(-)	NGATAAGNMNN	TGGATATATCA
M00128	V\$GATA1_04	0.81035 5	871	(-)	NNCWGATARNNNN	GGATATATCAACC
M00203	V\$GATA_C	0.86206 9	871	(+)	NGATAAGNMNN	GGATATATCAA
M00075	V\$GATA1_01	0.82082 9	873	(-)	SNNGATNNNN	ATATATCAAC
M00075	V\$GATA1_01	0.81391 9	903	(+)	SNNGATNNNN	CTAGATCCTT
M00076	V\$GATA2_01	0.78484 4	903	(-)	NNNGATRNNN	CTAGATCCTT
M00126	V\$GATA1_02	0.78281 3	939	(+)	NNNNNGATANKGNN	GTCTACATAATGCA
M00127	V\$GATA1_03	0.80548 8	984	(+)	RNSNNGATAANNGN	AGCAGGCTAAAGGA
M00126	V\$GATA1_02	0.79375 991	991	(+)	NNNNNGATANKGNN	TAAAGGATAAAGAC
M00128	V\$GATA1_04	0.86489 992	992	(+)	NNCWGATARNNNN	AAAGGATAAAGAC
M00076	V\$GATA2_01	0.83446 1	993	(+)	NNNGATRNNN	AAGGATAAAG
M00077	V\$GATA3_01	0.86840 9	994	(+)	NNGATARNG	AGGATAAAG
M00203	V\$GATA_C	0.94874 2	995	(+)	NGATAAGNMNN	GGATAAAGACA
M00075	V\$GATA1_01	0.81095 8	1001	(-)	SNNGATNNNN	AGACATCTTT
M00076	V\$GATA2_01	0.85250 3	1001	(-)	NNNGATRNNN	AGACATCTTT
M00126	V\$GATA1_02	0.86718 8	1017	(+)	NNNNNGATANKGNN	TTACAGATAAAATT
M00128	V\$GATA1_04	0.89614 1018	1018	(+)	NNCWGATARNNNN	TACAGATAAAATT
M00076	V\$GATA2_01	0.78529 5	1019	(+)	NNNGATRNNN	ACAGATAAAA
M00077	V\$GATA3_01	0.87284 1020	1020	(+)	NNGATARNG	CAGATAAAA
M00203	V\$GATA_C	0.90028 1021	1021	(+)	NGATAAGNMNN	AGATAAAATTA
M00203	V\$GATA_C	0.88257 2	1049	(-)	NGATAAGNMNN	TTAGTTTATCA
M00126	V\$GATA1_02	0.8125 1050	1050	(-)	NNNNNGATANKGNN	TAGTTTATCAATTT
M00127	V\$GATA1_03	0.82190 1	1050	(-)	RNSNNGATAANNGN	TAGTTTATCAATTT
M00128	V\$GATA1_04	0.81556 4	1050	(-)	NNCWGATARNNNN	TAGTTTATCAATT
M00127	V\$GATA1_03	0.80499 1072	1072	(-)	RNSNNGATAANNGN	CCAATGATCTACAG

		0.78349				
M00076	V\$GATA2_01	1	1108	(+)	NNNGATRNNN	TGTCATATTT
		0.83531				
M00126	V\$GATA1_02	3	1137	(+)	NNNNNGATANKGNN	ATATTGATACTTCT
		0.79838				
M00127	V\$GATA1_03	3	1137	(+)	RNSNNGATAANNGN	ATATTGATACTTCT
		0.81688				
M00075	V\$GATA1_01	1	1139	(+)	SNNGATNNNN	ATTGATACTT
		0.78033				
M00076	V\$GATA2_01	4	1139	(+)	NNNGATRNNN	ATTGATACTT
M00203	V\$GATA_C	0.89593	1160	(+)	NGATAAGNMNN	TGACAAGACCT
		0.78529				
M00075	V\$GATA1_01	1	1183	(-)	SNNGATNNNN	CAGGATCAAA
		0.81031				
M00126	V\$GATA1_02	2	1211	(+)	NNNNNGATANKGNN	AGTAAGATATTGGT
		0.86029				
M00128	V\$GATA1_04	4	1212	(+)	NNCWGATARNNNN	GTAAGATATTGGT
		0.83070				
M00075	V\$GATA1_01	1	1213	(+)	SNNGATNNNN	TAAGATATTG
		0.90753				
M00076	V\$GATA2_01	3	1213	(+)	NNNGATRNNN	TAAGATATTG
		0.90163				
M00077	V\$GATA3_01	9	1214	(+)	NNGATARNG	AAGATATTG
		0.97421				
M00203	V\$GATA_C	6	1225	(-)	NGATAAGNMNN	ATTCTTATCT
		0.84218				
M00126	V\$GATA1_02	7	1226	(-)	NNNNNGATANKGNN	TTTCTTATCTTAGA
		0.87101				
M00128	V\$GATA1_04	7	1226	(-)	NNCWGATARNNNN	TTTCTTATCTTAG
		0.77788				
M00075	V\$GATA1_01	7	1228	(-)	SNNGATNNNN	TCTTATCTTA
		0.85611				
M00076	V\$GATA2_01	2	1228	(-)	NNNGATRNNN	TCTTATCTTA
		0.91936				
M00077	V\$GATA3_01	2	1228	(-)	NNGATARNG	TCTTATCTT
		0.82156				
M00126	V\$GATA1_02	2	1233	(+)	NNNNNGATANKGNN	TCTTAGATAAGCAG
		0.83915				
M00128	V\$GATA1_04	4	1234	(+)	NNCWGATARNNNN	CTTAGATAAGCAG
		0.80063				
M00076	V\$GATA2_01	1	1235	(+)	NNNGATRNNN	TTAGATAAGC
		0.86309				
M00077	V\$GATA3_01	3	1236	(+)	NNGATARNG	TAGATAAGC
		0.91208				
M00203	V\$GATA_C	4	1237	(+)	NGATAAGNMNN	AGATAAGCAGT
		0.80181				
M00127	V\$GATA1_03	3	1249	(+)	RNSNNGATAANNGN	AGCAAAATAATTTG
		0.90680				
M00203	V\$GATA_C	3	1334	(-)	NGATAAGNMNN	AACTTTTATCA
		0.82187				
M00126	V\$GATA1_02	5	1335	(-)	NNNNNGATANKGNN	ACTTTTATCATAAT
		0.82582				
M00127	V\$GATA1_03	1	1335	(-)	RNSNNGATAANNGN	ACTTTTATCATAAT
		0.91513				
M00128	V\$GATA1_04	5	1335	(-)	NNCWGATARNNNN	ACTTTTATCATAA
		0.79837				
M00076	V\$GATA2_01	6	1337	(-)	NNNGATRNNN	TTTTATCATA
		0.85511				
M00077	V\$GATA3_01	7	1337	(-)	NNGATARNG	TTTTATCAT
		0.84106				
M00075	V\$GATA1_01	6	1364	(-)	SNNGATNNNN	AAAAATCAAG
		0.83845				
M00203	V\$GATA_C	9	1400	(+)	NGATAAGNMNN	TTATAAGACCT

M00075	V\$GATA1_01	0.78924 0.79882	1426	(-)	SNNGATNNNN	ATAGATCTTG
M00076	V\$GATA2_01	7 0.79789	1426	(-)	NNNGATRNNN	ATAGATCTTG
M00127	V\$GATA1_03	3 0.79936	1430	(+)	RNSNNGATAANNGN	ATCTTGACAACCAT
M00127	V\$GATA1_03	3 0.79054	1445	(-)	RNSNNGATAANNGN	AAACTTCTCATCCT
M00127	V\$GATA1_03	4 0.80965	1448	(-)	RNSNNGATAANNGN	CTTCTCATCCTTAC
M00076	V\$GATA2_01	3 0.82055	1450	(-)	NNNGATRNNN	TCTCATCCTT
M00077	V\$GATA3_01	8 0.81063	1450	(-)	NNGATARNG	TCTCATCCT
M00127	V\$GATA1_03	2 0.83088	1454	(-)	RNSNNGATAANNGN	ATCCTTACCTGTCT
M00128	V\$GATA1_04	2 0.78664	1454	(-)	NNCWGATARNNNN	ATCCTTACCTGTC
M00076	V\$GATA2_01	9 0.77591	1460	(-)	NNNGATRNNN	ACCTGTCTTG
M00075	V\$GATA1_01	3 0.83761	1472	(+)	SNNGATNNNN	GCTGTTGCTC
M00075	V\$GATA1_01	1 0.82589	1514	(+)	SNNGATNNNN	GAAGATTCTA
M00076	V\$GATA2_01	1	1514	(+)	NNNGATRNNN	GAAGATTCTA
M00075	V\$GATA1_01	0.84156 0.82971	1521	(+)	SNNGATNNNN	CTAGATTCTT
M00075	V\$GATA1_01	4 0.87821	1537	(-)	SNNGATNNNN	AGTCATCTCA
M00076	V\$GATA2_01	4 0.82329	1537	(-)	NNNGATRNNN	AGTCATCTCA
M00075	V\$GATA1_01	7	1565	(-)	SNNGATNNNN	TCTCATCAAG
M00126	V\$GATA1_02	0.83 0.89141	1575	(+)	NNNNNGATANKGNN	TGCAAGATATTGTA
M00075	V\$GATA1_01	2 0.91655	1577	(+)	SNNGATNNNN	CAAGATATTG
M00076	V\$GATA2_01	4 0.90163	1577	(+)	NNNGATRNNN	CAAGATATTG
M00077	V\$GATA3_01	9	1578	(+)	NNGATARNG	AAGATATTG
M00075	V\$GATA1_01	0.83613 0.80604	1600	(+)	SNNGATNNNN	TTTGATGGTC
M00076	V\$GATA2_01	4 0.80062	1600	(+)	NNNGATRNNN	TTTGATGGTC
M00126	V\$GATA1_02	5 0.79397	1627	(+)	NNNNNGATANKGNN	GTGTTGATATTA
M00127	V\$GATA1_03	4 0.82477	1627	(+)	RNSNNGATAANNGN	GTGTTGATATTA
M00075	V\$GATA1_01	8 0.78619	1629	(+)	SNNGATNNNN	GTTGATATTA
M00076	V\$GATA2_01	8 0.81596	1629	(+)	NNNGATRNNN	GTTGATATTA
M00076	V\$GATA2_01	8 0.83442	1646	(-)	NNNGATRNNN	AGTAATCCTT
M00203	V\$GATA_C	1 0.77593	1688	(-)	NGATAAGNMNN	AAGACTTA
M00126	V\$GATA1_02	8 0.81046	1758	(+)	NNNNNGATANKGNN	AAAGAAATAAGGTA
M00075	V\$GATA1_01	4 0.78078	1789	(-)	SNNGATNNNN	GAGCATCAAA
M00076	V\$GATA2_01	5 0.81749	1789	(-)	NNNGATRNNN	GAGCATCAAA
M00127	V\$GATA1_03	1	1797	(+)	RNSNNGATAANNGN	AAGAAGGTAATTAG

M00076	V\$GATA2_01	0.78664 9	1838	(+)	NNNGATRNNN	TAACATATT
M00076	V\$GATA2_01	0.78529 5	1930	(+)	NNNGATRNNN	CACCATAGAC
M00075	V\$GATA1_01	0.84649 6	1957	(-)	SNNGATNNNN	TGCCATCCCT
M00076	V\$GATA2_01	0.88182 2	1957	(-)	NNNGATRNNN	TGCCATCCCT
M00077	V\$GATA3_01	0.82942 0.82625	1957	(-)	NNGATARNG	TGCCATCCC
M00075	V\$GATA1_01	0.86017 9	1966	(+)	SNNGATNNNN	TGGGATTCTC
M00076	V\$GATA2_01	0.82498 1	1966	(+)	NNNGATRNNN	TGGGATTCTC
M00077	V\$GATA3_01	0.79152 9	2059	(-)	NNGATARNG	CCCACTCTT
M00127	V\$GATA1_03	4	2085	(-)	RNSNNGATAANNGN	CAGCCTACCAGGCT
M00075	V\$GATA1_01	0.78924 0.80503	2100	(-)	SNNGATNNNN	CTCCATCCAT
M00075	V\$GATA1_01	5	2109	(+)	SNNGATNNNN	TGGGATTTTC
M00076	V\$GATA2_01	0.84889 5	2109	(+)	NNNGATRNNN	TGGGATTTTC
M00127	V\$GATA1_03	0.82239 1	2187	(-)	RNSNNGATAANNGN	CAGTGTATCCACTT
M00075	V\$GATA1_01	0.80207 3	2189	(-)	SNNGATNNNN	GTGTATCCAC
M00076	V\$GATA2_01	0.80920 2	2189	(-)	NNNGATRNNN	GTGTATCCAC
M00075	V\$GATA1_01	0.89486 7	2226	(+)	SNNGATNNNN	TGAGATGGCT
M00076	V\$GATA2_01	0.92963 5	2226	(+)	NNNGATRNNN	TGAGATGGCT
M00077	V\$GATA3_01	0.84271 2	2227	(+)	NNGATARNG	GAGATGGCT
M00127	V\$GATA1_03	0.78099 0.77492	2259	(+)	RNSNNGATAANNGN	GTACAGAAAGTTGG
M00075	V\$GATA1_01	6	2282	(+)	SNNGATNNNN	ACTGATTCAA
M00126	V\$GATA1_02	0.8875 0.86599	2324	(+)	NNNNNGATANKGNN	AACTAGATAATGTA
M00127	V\$GATA1_03	7	2324	(+)	RNSNNGATAANNGN	AACTAGATAATGTA
M00128	V\$GATA1_04	0.82781 9	2325	(+)	NNCWGATARNNNN	ACTAGATAATGTA
M00075	V\$GATA1_01	0.83711 7	2326	(+)	SNNGATNNNN	CTAGATAATG
M00076	V\$GATA2_01	0.82002 7	2326	(+)	NNNGATRNNN	CTAGATAATG
M00077	V\$GATA3_01	0.90917 1	2327	(+)	NNGATARNG	TAGATAATG
M00203	V\$GATA_C	0.86331 2	2328	(+)	NGATAAGNMNN	AGATAATGTAA
M00126	V\$GATA1_02	0.88156 3	2415	(+)	NNNNNGATANKGNN	CTCTAGATAATGAT
M00127	V\$GATA1_03	0.87432 6	2415	(+)	RNSNNGATAANNGN	CTCTAGATAATGAT
M00128	V\$GATA1_04	0.86550 2	2416	(+)	NNCWGATARNNNN	TCTAGATAATGAT
M00075	V\$GATA1_01	0.83711 7	2417	(+)	SNNGATNNNN	CTAGATAATG
M00076	V\$GATA2_01	0.82002 7	2417	(+)	NNNGATRNNN	CTAGATAATG
M00077	V\$GATA3_01	0.90917 1	2418	(+)	NNGATARNG	TAGATAATG

		0.89934				
M00203	V\$GATA_C	8	2419	(+)	NGATAAGNMNN	AGATAATGATA
		0.79468				
M00126	V\$GATA1_02	7	2421	(+)	NNNNNGATANKGNN	ATAATGATAAATAA
		0.86305				
M00127	V\$GATA1_03	7	2421	(+)	RNSNNGATAANNGN	ATAATGATAAATAA
		0.88449				
M00128	V\$GATA1_04	8	2422	(+)	NNCWGATARNNNN	TAATGATAAATAA
		0.77393				
M00075	V\$GATA1_01	9	2423	(+)	SNNGATNNNN	AATGATAAAT
		0.79567				
M00076	V\$GATA2_01	0.82321	2423	(+)	NNNGATRNNN	AATGATAAAT
		0.82321				
M00077	V\$GATA3_01	7	2424	(+)	NNGATARNG	ATGATAAAT
		0.93227				
M00203	V\$GATA_C	7	2425	(+)	NGATAAGNMNN	TGATAAATAAA
		0.85784				
M00075	V\$GATA1_01	8	2441	(-)	SNNGATNNNN	AGGAATCAAC
		0.78168				
M00076	V\$GATA2_01	7	2441	(-)	NNNGATRNNN	AGGAATCAAC
		0.83939				
M00203	V\$GATA_C	1	2451	(+)	NGATAAGNMNN	TGACAAGAAAG
		0.85781				
M00126	V\$GATA1_02	3	2469	(+)	NNNNNGATANKGNN	AATAAGATAATAGT
		0.84443				
M00127	V\$GATA1_03	9	2469	(+)	RNSNNGATAANNGN	AATAAGATAATAGT
		0.91268				
M00128	V\$GATA1_04	4	2470	(+)	NNCWGATARNNNN	ATAAGATAATAGT
		0.84979				
M00076	V\$GATA2_01	7	2471	(+)	NNNGATRNNN	TAAGATAATA
		0.89853				
M00077	V\$GATA3_01	8	2472	(+)	NNGATARNG	AAGATAATA
		0.87138				
M00203	V\$GATA_C	9	2473	(+)	NGATAAGNMNN	AGATAATAGTT
		0.77887				
M00075	V\$GATA1_01	5	2484	(+)	SNNGATNNNN	TTGGATATTT
		0.82724				
M00076	V\$GATA2_01	4	2484	(+)	NNNGATRNNN	TTGGATATTT
		0.82536				
M00128	V\$GATA1_04	8	2501	(-)	NNCWGATARNNNN	CAAGCTATCAAAT
		0.85093				
M00075	V\$GATA1_01	8	2503	(-)	SNNGATNNNN	AGCTATCAAA
		0.85701				
M00076	V\$GATA2_01	4	2503	(-)	NNNGATRNNN	AGCTATCAAA
		0.83119				
M00077	V\$GATA3_01	2	2503	(-)	NNGATARNG	AGCTATCAA
		0.78906				
M00126	V\$GATA1_02	2	2537	(+)	NNNNNGATANKGNN	GCTGAGATATTCTA
		0.83316				
M00075	V\$GATA1_01	9	2539	(+)	SNNGATNNNN	TGAGATATTC
		0.89896				
M00076	V\$GATA2_01	3	2539	(+)	NNNGATRNNN	TGAGATATTC
		0.85201				
M00077	V\$GATA3_01	6	2540	(+)	NNGATARNG	GAGATATTC
		0.785				
M00126	V\$GATA1_02	0.79466	2558	(-)	NNNNNGATANKGNN	ACTCCTATTTTCTA
		0.79466				
M00075	V\$GATA1_01	9	2586	(-)	SNNGATNNNN	TAGGATCACT
		0.84844				
M00076	V\$GATA2_01	4	2586	(+)	NNNGATRNNN	TAGGATCACT
		0.80083				
M00127	V\$GATA1_03	3	2594	(-)	RNSNNGATAANNGN	CTAATAATCCAGCT
		0.79763				
M00075	V\$GATA1_01	1	2596	(-)	SNNGATNNNN	AATAATCCAG
		0.82527				
M00075	V\$GATA1_01	1	2643	(-)	SNNGATNNNN	AAGCATCAAA

M00076	V\$GATA2_01	0.78439 3	2643	(-)	NNNGATRNNN	AAGCATCAAA
M00203	V\$GATA_C	0.83845 9	2656	(-)	NGATAAGNMNN	AGGGAATATCT
M00128	V\$GATA1_04	0.85723 0.82527	2657	(-)	NNCWGATARNNNN	GGGAATATCTGAC
M00075	V\$GATA1_01	1	2659	(-)	SNNGATNNNN	GAATATCTGA
M00076	V\$GATA2_01	0.89896 3	2659	(-)	NNNGATRNNN	GAATATCTGA
M00077	V\$GATA3_01	0.82897 7	2659	(-)	NNGATARNG	GAATATCTG
M00203	V\$GATA_C	0.92264 7	2721	(-)	NGATAAGNMNN	AGTCCATATCT
M00126	V\$GATA1_02	0.86187 5	2722	(-)	NNNNNGATANKGNN	GTCCATATCTTTTC
M00127	V\$GATA1_03	0.79397 4	2722	(-)	RNSNNGATAANNGN	GTCCATATCTTTTC
M00128	V\$GATA1_04	0.90410 5	2722	(-)	NNCWGATARNNNN	GTCCATATCTTTT
M00075	V\$GATA1_01	0.83465 0.88137	2724	(-)	SNNGATNNNN	CCATATCTTT
M00076	V\$GATA2_01	1	2724	(-)	NNNGATRNNN	CCATATCTTT
M00077	V\$GATA3_01	0.92246 3	2724	(-)	NNGATARNG	CCATATCTT
M00203	V\$GATA_C	0.85088 5	2734	(-)	NGATAAGNMNN	TCCTTTTATCA
M00126	V\$GATA1_02	0.84406 3	2735	(-)	NNNNNGATANKGNN	CCTTTTATCAGTGA
M00127	V\$GATA1_03	0.79299 4	2735	(-)	RNSNNGATAANNGN	CCTTTTATCAGTGA
M00128	V\$GATA1_04	0.87009 8	2735	(-)	NNCWGATARNNNN	CCTTTTATCAGTG
M00077	V\$GATA3_01	0.84935 8	2737	(-)	NNGATARNG	TTTTATCAG
M00126	V\$GATA1_02	0.79125	2748	(+)	NNNNNGATANKGNN	AAACAGATATAGAT
M00128	V\$GATA1_04	0.90288 0.80355	2749	(+)	NNCWGATARNNNN	AACAGATATAGAT
M00075	V\$GATA1_01	4	2750	(+)	SNNGATNNNN	ACAGATATAG
M00076	V\$GATA2_01	0.84303 1	2750	(+)	NNNGATRNNN	ACAGATATAG
M00077	V\$GATA3_01	0.87594 2	2751	(+)	NNGATARNG	CAGATATAG
M00203	V\$GATA_C	0.86859 3	2752	(+)	NGATAAGNMNN	AGATATAGATC
M00075	V\$GATA1_01	0.80898 3	2756	(-)	SNNGATNNNN	ATAGATCCCC
M00076	V\$GATA2_01	0.82679 3	2756	(-)	NNNGATRNNN	ATAGATCCCC
M00075	V\$GATA1_01	0.82922	2772	(+)	SNNGATNNNN	ACAGATTCTT
M00076	V\$GATA2_01	0.81687 0.83168	2772	(+)	NNNGATRNNN	ACAGATTCTT
M00075	V\$GATA1_01	8	2799	(-)	SNNGATNNNN	AAACATCATT
M00076	V\$GATA2_01	0.82228 2	2799	(-)	NNNGATRNNN	AAACATCATT
M00075	V\$GATA1_01	0.81688 1	2833	(-)	SNNGATNNNN	ATAAATCTTG
M00076	V\$GATA2_01	0.79882 7	2833	(-)	NNNGATRNNN	ATAAATCTTG
M00075	V\$GATA1_01	0.89141 2	2859	(+)	SNNGATNNNN	GCAGATTGAG
M00076	V\$GATA2_01	0.86197	2859	(+)	NNNGATRNNN	GCAGATTGAG

		0.90252				
M00077	V\$GATA3_01	5	2860	(+)	NNGATARNG	CAGATTGAG
		0.79437				
M00126	V\$GATA1_02	5	2890	(+)	NNNNNGATANKGNN	TTTATGATAAAAAA
		0.90165				
M00128	V\$GATA1_04	4	2891	(+)	NNCWGATARNNNN	TTATGATAAAAAA
		0.79837				
M00076	V\$GATA2_01	6	2892	(+)	NNNGATRNNN	TATGATAAAA
		0.85511				
M00077	V\$GATA3_01	7	2893	(+)	NNGATARNG	ATGATAAAA
		0.93662				
M00203	V\$GATA_C	6	2894	(+)	NGATAAGNMNN	TGATAAAAAAT
		0.78035				
M00075	V\$GATA1_01	5	2904	(-)	SNNGATNNNN	TAAAATCCAG
		0.79201				
M00127	V\$GATA1_03	4	2908	(+)	RNSNNGATAANNGN	ATCCAGACAAACAA
		0.85243				
M00203	V\$GATA_C	9	2912	(+)	NGATAAGNMNN	AGACAAACAAT
		0.79812				
M00075	V\$GATA1_01	4	2926	(+)	SNNGATNNNN	TCAGATTATT
		0.82318				
M00076	V\$GATA2_01	4	2926	(+)	NNNGATRNNN	TCAGATTATT
		0.82720				
M00077	V\$GATA3_01	4	2927	(+)	NNGATARNG	CAGATTATT
		0.86175				
M00203	V\$GATA_C	8	2933	(-)	NGATAAGNMNN	ATTTTTGTCT
		0.78515				
M00127	V\$GATA1_03	4	2947	(-)	RNSNNGATAANNGN	TATATTTCTCCAC
M00126	V\$GATA1_02	0.83	2973	(+)	NNNNNGATANKGNN	CAGAAGATAATTTA
		0.85668				
M00127	V\$GATA1_03	8	2973	(+)	RNSNNGATAANNGN	CAGAAGATAATTTA
		0.84926				
M00128	V\$GATA1_04	5	2974	(+)	NNCWGATARNNNN	AGAAGATAATTTA
		0.85735				
M00075	V\$GATA1_01	4	2975	(+)	SNNGATNNNN	GAAGATAATT
		0.89400				
M00076	V\$GATA2_01	1	2975	(+)	NNNGATRNNN	GAAGATAATT
		0.86663				
M00077	V\$GATA3_01	7	2976	(+)	NNGATARNG	AAGATAATT
M00203	V\$GATA_C	0.85306	2977	(+)	NGATAAGNMNN	AGATAATTTAC
		0.84187				
M00203	V\$GATA_C	6	2996	(-)	NGATAAGNMNN	TATTTTTGTCA
		0.78515				
M00127	V\$GATA1_03	4	3014	(-)	RNSNNGATAANNGN	TTTTTTTCTCCC
		0.77531				
M00126	V\$GATA1_02	3	3107	(+)	NNNNNGATANKGNN	CTTGTGATATTATT
		0.83316				
M00075	V\$GATA1_01	9	3109	(+)	SNNGATNNNN	TGTGATATTA
		0.86152				
M00076	V\$GATA2_01	5	3109	(+)	NNNGATRNNN	TGTGATATTA
		0.86043				
M00077	V\$GATA3_01	4	3110	(+)	NNGATARNG	GTGATATTA
		0.81490				
M00075	V\$GATA1_01	6	3177	(-)	SNNGATNNNN	AAACATCCTA
		0.88046				
M00076	V\$GATA2_01	9	3177	(-)	NNNGATRNNN	AAACATCCTA
M00126	V\$GATA1_02	0.85125	3180	(-)	NNNNNGATANKGNN	CATCCTATCAAGCA
M00127	V\$GATA1_03	0.78197	3180	(-)	RNSNNGATAANNGN	CATCCTATCAAGCA
		0.84466				
M00128	V\$GATA1_04	9	3180	(-)	NNCWGATARNNNN	CATCCTATCAAGC

M00075	V\$GATA1_01	0.88845 0.82363	3182	(-)	SNNGATNNNN	TCCTATCAAG
M00076	V\$GATA2_01	6 0.89986	3182	(-)	NNNGATRNNN	TCCTATCAAG
M00077	V\$GATA3_01	7 0.80651	3182	(-)	NNGATARNG	TCCTATCAA
M00075	V\$GATA1_01	5 0.78574	3261	(+)	SNNGATNNNN	AGTGATGATA
M00076	V\$GATA2_01	7 0.83872	3261	(+)	NNNGATRNNN	AGTGATGATA
M00077	V\$GATA3_01	4 0.80718	3262	(+)	NNGATARNG	GTGATGATA
M00126	V\$GATA1_02	7 0.87040	3262	(+)	NNNNNGATANKGNN	GTGATGATAAATTG
M00127	V\$GATA1_03	7 0.86795	3262	(+)	RNSNNGATAANNGN	GTGATGATAAATTG
M00128	V\$GATA1_04	3 0.83859	3263	(+)	NNCWGATARNNNN	TGATGATAAATTG
M00075	V\$GATA1_01	8	3264	(+)	SNNGATNNNN	GATGATAAAT
M00076	V\$GATA2_01	0.84258 0.82321	3264	(+)	NNNGATRNNN	GATGATAAAT
M00077	V\$GATA3_01	7 0.83566	3265	(+)	NNGATARNG	ATGATAAAT
M00203	V\$GATA_C	3	3266	(+)	NGATAAGNMNN	TGATAAATTGC
M00126	V\$GATA1_02	0.78125 0.86885	3281	(+)	NNNNNGATANKGNN	ATATAGATTGTAGT
M00077	V\$GATA3_01	2	3284	(+)	NNGATARNG	TAGATTGTA
M00126	V\$GATA1_02	0.77625 0.80450	3303	(-)	NNNNNGATANKGNN	TTCCTTCTCTAGAA
M00127	V\$GATA1_03	8 0.86870	3309	(+)	RNSNNGATAANNGN	CTCTAGAAAACAGC
M00075	V\$GATA1_01	7 0.87956	3328	(-)	SNNGATNNNN	TCACATCCGC
M00076	V\$GATA2_01	7 0.83406	3328	(-)	NNNGATRNNN	TCACATCCGC
M00126	V\$GATA1_02	3 0.84007	3343	(-)	NNNNNGATANKGNN	TATAATATCTTCAA
M00075	V\$GATA1_01	9 0.87911	3345	(-)	SNNGATNNNN	TAATATCTTC
M00076	V\$GATA2_01	6 0.86663	3345	(-)	NNNGATRNNN	TAATATCTTC
M00077	V\$GATA3_01	7 0.78726	3345	(-)	NNGATARNG	TAATATCTT
M00075	V\$GATA1_01	6 0.79747	3371	(-)	SNNGATNNNN	ATTGATCTGC
M00076	V\$GATA2_01	4 0.82475	3371	(-)	NNNGATRNNN	ATTGATCTGC
M00128	V\$GATA1_04	5 0.82724	3471	(+)	NNCWGATARNNNN	ATAGGATATGTAT
M00075	V\$GATA1_01	6 0.91520	3472	(+)	SNNGATNNNN	TAGGATATGT
M00076	V\$GATA2_01	1 0.88070	3472	(+)	NNNGATRNNN	TAGGATATGT
M00203	V\$GATA_C	8 0.77788	3474	(+)	NGATAAGNMNN	GGATATGTATA
M00075	V\$GATA1_01	7 0.79612	3551	(+)	SNNGATNNNN	CTTGATCTCA
M00076	V\$GATA2_01	1 0.80937	3551	(-)	NNNGATRNNN	CTTGATCTCA
M00126	V\$GATA1_02	5 0.78973	3580	(+)	NNNNNGATANKGNN	AATTAGATACTCTA
M00075	V\$GATA1_01	3	3582	(+)	SNNGATNNNN	TTAGATACTC

		0.82047				
M00076	V\$GATA2_01	8	3582	(+)	NNNGATRNNN	TTAGATACTC
		0.86206				
M00203	V\$GATA_C	9	3586	(-)	NGATAAGNMNN	ATACTCTATCA
M00126	V\$GATA1_02	0.81625	3587	(-)	NNNNNGATANKGNN	TACTCTATCACACA
M00128	V\$GATA1_04	0.85723	3587	(-)	NNCWGATARNNNN	TACTCTATCACAC
		0.88746				
M00075	V\$GATA1_01	3	3589	(-)	SNNGATNNNN	CTCTATCACA
		0.90076				
M00076	V\$GATA2_01	7	3589	(-)	NNNGATRNNN	CTCTATCACA
		0.93575				
M00077	V\$GATA3_01	5	3589	(-)	NNGATARNG	CTCTATCAC
		0.79417				
M00075	V\$GATA1_01	6	3615	(-)	SNNGATNNNN	ATTAATCTTC
		0.78935				
M00076	V\$GATA2_01	5	3615	(-)	NNNGATRNNN	ATTAATCTTC
M00126	V\$GATA1_02	0.81125	3625	(-)	NNNNNGATANKGNN	CACCGTATCCACTG
		0.81455				
M00127	V\$GATA1_03	2	3625	(-)	RNSNNGATAANNGN	CACCGTATCCACTG
		0.88005				
M00075	V\$GATA1_01	9	3627	(-)	SNNGATNNNN	CCGTATCCAC
M00076	V\$GATA2_01	0.87235	3627	(-)	NNNGATRNNN	CCGTATCCAC
M00077	V\$GATA3_01	0.83385	3627	(-)	NNGATARNG	CCGTATCCA
		0.83916				
M00077	V\$GATA3_01	7	3651	(-)	NNGATARNG	TTTAATCTG
		0.82361				
M00127	V\$GATA1_03	6	3669	(+)	RNSNNGATAANNGN	AGCCAGACAGCAGA
		0.78282				
M00075	V\$GATA1_01	3	3678	(+)	SNNGATNNNN	GCAGAGAGGT
		0.78564				
M00127	V\$GATA1_03	4	3680	(+)	RNSNNGATAANNGN	AGAGAGGTAAGATT
		0.81688				
M00075	V\$GATA1_01	1	3687	(+)	SNNGATNNNN	TAAGATTCTT
		0.84122				
M00076	V\$GATA2_01	7	3687	(+)	NNNGATRNNN	TAAGATTCTT
		0.79837				
M00076	V\$GATA2_01	6	3721	(+)	NNNGATRNNN	TCAGTTAGCT
		0.83085				
M00076	V\$GATA2_01	3	3727	(-)	NNNGATRNNN	AGCTATGATA
		0.84834				
M00128	V\$GATA1_04	6	3729	(+)	NNCWGATARNNNN	CTATGATAAATAC
M00075	V\$GATA1_01	0.78233	3730	(+)	SNNGATNNNN	TATGATAAAT
		0.82814				
M00076	V\$GATA2_01	6	3730	(+)	NNNGATRNNN	TATGATAAAT
		0.82321				
M00077	V\$GATA3_01	7	3731	(+)	NNGATARNG	ATGATAAAT
		0.95215				
M00203	V\$GATA_C	9	3732	(+)	NGATAAGNMNN	TGATAAATACT
		0.78270				
M00127	V\$GATA1_03	5	3787	(-)	RNSNNGATAANNGN	AATTGTATCCAGGT
		0.78578				
M00075	V\$GATA1_01	5	3789	(-)	SNNGATNNNN	TTGTATCCAG
		0.78466				
M00127	V\$GATA1_03	4	3793	(+)	RNSNNGATAANNGN	ATCCAGGTACTCAG
		0.83656				
M00126	V\$GATA1_02	3	3801	(+)	NNNNNGATANKGNN	ACTCAGATAGTTGA
		0.81161				
M00127	V\$GATA1_03	2	3801	(+)	RNSNNGATAANNGN	ACTCAGATAGTTGA
		0.83057				
M00128	V\$GATA1_04	6	3802	(+)	NNCWGATARNNNN	CTCAGATAGTTGA
M00075	V\$GATA1_01	0.88696	3803	(+)	SNNGATNNNN	TCAGATAGTT

		0.93910				
M00076	V\$GATA2_01	7	3803	(+)	NNNGATRNNN	TCAGATAGTT
		0.88923				
M00077	V\$GATA3_01	3	3804	(+)	NNGATARNG	CAGATAGTT
		0.83317				
M00203	V\$GATA_C	8	3805	(+)	NGATAAGNMNN	AGATAGTTGAT
		0.80355				
M00075	V\$GATA1_01	4	3810	(+)	SNNGATNNNN	GTTGATTACC
		0.79103				
M00127	V\$GATA1_03	4	3811	(-)	RNSNNGATAANNGN	TTGATTACCCTCTC
		0.79562				
M00126	V\$GATA1_02	5	3816	(-)	NNNNNGATANKGNN	TACCCTCTCACTTC
		0.85245				
M00077	V\$GATA3_01	9	3818	(-)	NNGATARNG	CCCTCTCAC
		0.79568				
M00127	V\$GATA1_03	8	3823	(-)	RNSNNGATAANNGN	TCACTTCTCTGTTT
		0.81280				
M00128	V\$GATA1_04	6	3823	(-)	NNCWGATARNNNN	TCACTTCTCTGTT
		0.79470				
M00127	V\$GATA1_03	8	3830	(-)	RNSNNGATAANNGN	TCTGTTTTCATTAC
		0.84093				
M00126	V\$GATA1_02	8	3868	(+)	NNNNNGATANKGNN	CATTTGATAAGGAA
		0.91268				
M00128	V\$GATA1_04	4	3869	(+)	NNCWGATARNNNN	ATTTGATAAGGAA
		0.80947				
M00075	V\$GATA1_01	7	3870	(+)	SNNGATNNNN	TTTGATAAGG
		0.80604				
M00076	V\$GATA2_01	4	3870	(+)	NNNGATRNNN	TTTGATAAGG
		0.90651				
M00077	V\$GATA3_01	3	3871	(+)	NNGATARNG	TTGATAAGG
		0.93227				
M00203	V\$GATA_C	7	3872	(+)	NGATAAGNMNN	TGATAAGGAAG
M00126	V\$GATA1_02	0.80875	3900	(+)	NNNNNGATANKGNN	GGCCTGATAAAGAA
		0.88167				
M00127	V\$GATA1_03	6	3900	(+)	RNSNNGATAANNGN	GGCCTGATAAAGAA
		0.93198				
M00128	V\$GATA1_04	5	3901	(+)	NNCWGATARNNNN	GCCTGATAAAGAA
		0.87512				
M00075	V\$GATA1_01	3	3902	(+)	SNNGATNNNN	CCTGATAAAG
		0.85836				
M00076	V\$GATA2_01	7	3902	(+)	NNNGATRNNN	CCTGATAAAG
M00077	V\$GATA3_01	0.88436	3903	(+)	NNGATARNG	CTGATAAAG
		0.90587				
M00203	V\$GATA_C	1	3904	(+)	NGATAAGNMNN	TGATAAAGAAG
		0.78874				
M00075	V\$GATA1_01	6	3917	(-)	SNNGATNNNN	ACCAAACATG
		0.78084				
M00075	V\$GATA1_01	9	3936	(+)	SNNGATNNNN	TCAGATTTTA
M00076	V\$GATA2_01	0.8083	3936	(+)	NNNGATRNNN	TCAGATTTTA
		0.82720				
M00077	V\$GATA3_01	4	3937	(+)	NNGATARNG	CAGATTTTA
		0.78084				
M00075	V\$GATA1_01	9	3949	(-)	SNNGATNNNN	TAAAATCATA
		0.78890				
M00076	V\$GATA2_01	4	3949	(-)	NNNGATRNNN	TAAAATCATA
		0.84995				
M00203	V\$GATA_C	3	3967	(-)	NGATAAGNMNN	ACTAATTATCT
		0.83906				
M00126	V\$GATA1_02	2	3968	(-)	NNNNNGATANKGNN	CTAATTATCTCTTA
		0.79813				
M00127	V\$GATA1_03	8	3968	(-)	RNSNNGATAANNGN	CTAATTATCTCTTA

M00128	V\$GATA1_04	0.89246 3	3968	(-)	NNCWGATARNNNN	CTAATTATCTCTT
M00075	V\$GATA1_01	0.82132 3	3970	(-)	SNNGATNNNN	AATTATCTCT
M00076	V\$GATA2_01	0.85521 0.88391	3970	(-)	NNNGATRNNN	AATTATCTCT
M00077	V\$GATA3_01	7	3970	(-)	NNGATARNG	AATTATCTC
M00127	V\$GATA1_03	0.78001 0.90338	4007	(+)	RNSNNGATAANNGN	ACCTAAATAAATGG
M00203	V\$GATA_C	6 0.85031	4144	(-)	NGATAAGNMNN	AAGTATTATCT
M00126	V\$GATA1_02	3 0.88265	4145	(-)	NNNNNGATANKGNN	AGTATTATCTACTT
M00127	V\$GATA1_03	6 0.86335	4145	(-)	RNSNNGATAANNGN	AGTATTATCTACTT
M00128	V\$GATA1_04	8 0.78578	4145	(-)	NNCWGATARNNNN	AGTATTATCTACT
M00075	V\$GATA1_01	5 0.78258	4147	(-)	SNNGATNNNN	TATTATCTAC
M00076	V\$GATA2_01	9 0.87416	4147	(-)	NNNGATRNNN	TATTATCTAC
M00077	V\$GATA3_01	9 0.83662	4147	(-)	NNGATARNG	TATTATCTA
M00075	V\$GATA1_01	4 0.78539	4188	(-)	SNNGATNNNN	AAAAATCAAC
M00127	V\$GATA1_03	9 0.80153	4351	(-)	RNSNNGATAANNGN	ACACTTATGCTGTC
M00076	V\$GATA2_01	4 0.87549	4353	(-)	NNNGATRNNN	ACTTATGCTG
M00077	V\$GATA3_01	8 0.78187	4370	(-)	NNGATARNG	CATAATCTA
M00126	V\$GATA1_02	5 0.80450	4395	(-)	NNNNNGATANKGNN	TCCATTCTCATTAT
M00127	V\$GATA1_03	8 0.78258	4395	(-)	RNSNNGATAANNGN	TCCATTCTCATTAT
M00076	V\$GATA2_01	9 0.81194	4403	(-)	NNNGATRNNN	CATTATGATG
M00075	V\$GATA1_01	5	4406	(+)	SNNGATNNNN	TATGATGGAA
M00076	V\$GATA2_01	0.82138 0.82986	4406	(+)	NNNGATRNNN	TATGATGGAA
M00077	V\$GATA3_01	3 0.94128	4407	(+)	NNGATARNG	ATGATGGAA
M00203	V\$GATA_C	6 0.95718	4418	(-)	NGATAAGNMNN	TTCTCTTATCT
M00126	V\$GATA1_02	7 0.91768	4419	(-)	NNNNNGATANKGNN	TCTCTTATCTCTAC
M00127	V\$GATA1_03	7 0.91727	4419	(-)	RNSNNGATAANNGN	TCTCTTATCTCTAC
M00128	V\$GATA1_04	9 0.79812	4419	(-)	NNCWGATARNNNN	TCTCTTATCTCTA
M00075	V\$GATA1_01	4 0.83175	4421	(-)	SNNGATNNNN	TCTTATCTCT
M00076	V\$GATA2_01	5 0.93664	4421	(-)	NNNGATRNNN	TCTTATCTCT
M00077	V\$GATA3_01	2 0.85192	4421	(-)	NNGATARNG	TCTTATCTC
M00075	V\$GATA1_01	5 0.81416	4439	(+)	SNNGATNNNN	CTGGATGTGT
M00076	V\$GATA2_01	3 0.78479	4439	(+)	NNNGATRNNN	CTGGATGTGT
M00075	V\$GATA1_01	8	4524	(+)	SNNGATNNNN	AAAGATTGTC
M00076	V\$GATA2_01	0.80018	4524	(+)	NNNGATRNNN	AAAGATTGTC

M00077	V\$GATA3_01	0.82188 7	4525	(+)	NNGATARNG	AAGATTGTC
M00075	V\$GATA1_01	0.80799 6	4555	(+)	SNNGATNNNN	AATGATTTTT
M00076	V\$GATA2_01	0.78619 8	4555	(+)	NNNGATRNNN	AATGATTTTT
M00077	V\$GATA3_01	0.86486 5	4567	(-)	NNGATARNG	TATAATCTT
M00127	V\$GATA1_03	0.81063 2	4606	(+)	RNSNNGATAANNGN	AGAAAGGTAAGAAA
M00203	V\$GATA_C	0.83069 3	4610	(+)	NGATAAGNMNN	AGGTAAGAAAT
M00075	V\$GATA1_01	0.83662 4	4709	(-)	SNNGATNNNN	AAAAATCACT
M00076	V\$GATA2_01	0.79431 7	4709	(-)	NNNGATRNNN	AAAAATCACT
M00075	V\$GATA1_01	0.81342 5	4750	(-)	SNNGATNNNN	AGAGATCAAG
M00126	V\$GATA1_02	0.79968 7	4754	(+)	NNNNNGATANKGNN	ATCAAGATAACTCA
M00127	V\$GATA1_03	0.89588 4	4754	(+)	RNSNNGATAANNGN	ATCAAGATAACTCA
M00128	V\$GATA1_04	0.88204 7	4755	(+)	NNCWGATARNNNN	TCAAGATAACTCA
M00075	V\$GATA1_01	0.86179 7	4756	(+)	SNNGATNNNN	CAAGATAACT
M00076	V\$GATA2_01	0.90753 3	4756	(+)	NNNGATRNNN	CAAGATAACT
M00077	V\$GATA3_01	0.85068 7	4757	(+)	NNGATARNG	AAGATAACT
M00203	V\$GATA_C	0.87014 6	4758	(+)	NGATAAGNMNN	AGATAACTCAG
M00127	V\$GATA1_03	0.78931 9	4781	(+)	RNSNNGATAANNGN	AACAAGATGAAAGA
M00075	V\$GATA1_01	0.78677 2	4783	(+)	SNNGATNNNN	CAAGATGAAA
M00076	V\$GATA2_01	0.79025 7	4783	(+)	NNNGATRNNN	CAAGATGAAA
M00077	V\$GATA3_01	0.82498 9	4784	(+)	NNGATARNG	AAGATGAAA
M00126	V\$GATA1_02	0.84468 8	4788	(+)	NNNNNGATANKGNN	TGAAAGATAATAAT
M00127	V\$GATA1_03	0.81724 6	4788	(+)	RNSNNGATAANNGN	TGAAAGATAATAAT
M00128	V\$GATA1_04	0.88970 6	4789	(+)	NNCWGATARNNNN	GAAAGATAATAAT
M00076	V\$GATA2_01	0.81732 1	4790	(+)	NNNGATRNNN	AAAGATAATA
M00077	V\$GATA3_01	0.89853 8	4791	(+)	NNGATARNG	AAGATAATA
M00127	V\$GATA1_03	0.82116 6	4791	(+)	RNSNNGATAANNGN	AAGATAATAATAGT
M00203	V\$GATA_C	0.89251 3	4792	(+)	NGATAAGNMNN	AGATAATAATA
M00126	V\$GATA1_02	0.82968 8	4886	(+)	NNNNNGATANKGNN	AAGGAGATAACGCA
M00127	V\$GATA1_03	0.90568 3	4886	(+)	RNSNNGATAANNGN	AAGGAGATAACGCA
M00128	V\$GATA1_04	0.90808 8	4887	(+)	NNCWGATARNNNN	AGGAGATAACGCA
M00075	V\$GATA1_01	0.89733 5	4888	(+)	SNNGATNNNN	GGAGATAACG
M00076	V\$GATA2_01	0.93414 5	4888	(+)	NNNGATRNNN	GGAGATAACG
M00077	V\$GATA3_01	0.93486 9	4889	(+)	NNGATARNG	GAGATAACG

		0.90711				
M00203	V\$GATA_C	4	4890	(+)	NGATAAGNMNN	AGATAACGCAA
		0.85812				
M00126	V\$GATA1_02	5	4901	(+)	NNNNNGATANKGN	GAAATGATATTGCA
		0.83149				
M00128	V\$GATA1_04	5	4902	(+)	NNCWGATARNNNN	AAATGATATTGCA
M00075	V\$GATA1_01	0.84304	4903	(+)	SNNGATNNNN	AATGATATTG
M00076	V\$GATA2_01	0.86378	4903	(+)	NNNGATRNNN	AATGATATTG
		0.87815				
M00077	V\$GATA3_01	7	4904	(+)	NNGATARNG	ATGATATTG
		0.80108				
M00075	V\$GATA1_01	6	4974	(+)	SNNGATNNNN	TAAGATACAT
		0.86558				
M00076	V\$GATA2_01	4	4974	(+)	NNNGATRNNN	TAAGATACAT
		0.83628				
M00203	V\$GATA_C	5	4976	(+)	NGATAAGNMNN	AGATACATTTC
		0.85784				
M00128	V\$GATA1_04	3	4988	(+)	NNCWGATARNNNN	TACAGATATCCAT
		0.81688				
M00075	V\$GATA1_01	1	4989	(+)	SNNGATNNNN	ACAGATATCC
		0.88543				
M00076	V\$GATA2_01	1	4989	(+)	NNNGATRNNN	ACAGATATCC
		0.78882				
M00127	V\$GATA1_03	9	4989	(-)	RNSNNGATAANNGN	ACAGATATCCATCC
		0.77048				
M00075	V\$GATA1_01	4	4991	(-)	SNNGATNNNN	AGATATCCAT
		0.81371				
M00076	V\$GATA2_01	2	4991	(-)	NNNGATRNNN	AGATATCCAT
		0.77788				
M00075	V\$GATA1_01	7	4995	(-)	SNNGATNNNN	ATCCATCCAT
		0.81014				
M00127	V\$GATA1_03	2	5017	(-)	RNSNNGATAANNGN	CTTCTTTTCTGTCC
		0.82322				
M00128	V\$GATA1_04	3	5017	(-)	NNCWGATARNNNN	CTTCTTTTCTGTC
		0.78084				
M00075	V\$GATA1_01	9	5038	(-)	SNNGATNNNN	GAACATCAAT
		0.82263				
M00127	V\$GATA1_03	6	5063	(+)	RNSNNGATAANNGN	AGGAACATAAATGA
		0.78218				
M00126	V\$GATA1_02	8	5070	(+)	NNNNNGATANKGN	TAAATGATATTTAA
		0.81832				
M00128	V\$GATA1_04	1	5071	(+)	NNCWGATARNNNN	AAATGATATTTAA
		0.83168				
M00075	V\$GATA1_01	8	5072	(+)	SNNGATNNNN	AATGATATTT
		0.85069				
M00076	V\$GATA2_01	9	5072	(+)	NNNGATRNNN	AATGATATTT
		0.82773				
M00075	V\$GATA1_01	9	5102	(-)	SNNGATNNNN	CAAAATCATA
		0.83175				
M00076	V\$GATA2_01	5	5102	(-)	NNNGATRNNN	CAAAATCATA
		0.84448				
M00077	V\$GATA3_01	4	5102	(-)	NNGATARNG	CAAAATCAT
		0.78775				
M00075	V\$GATA1_01	9	5168	(+)	SNNGATNNNN	AGTGATGAAC
		0.88156				
M00126	V\$GATA1_02	3	5177	(+)	NNNNNGATANKGN	CTCAAGATAATGAA
		0.89049				
M00127	V\$GATA1_03	5	5177	(+)	RNSNNGATAANNGN	CTCAAGATAATGAA
		0.89031				
M00128	V\$GATA1_04	9	5178	(+)	NNCWGATARNNNN	TCAAGATAATGAA
		0.87314				
M00075	V\$GATA1_01	9	5179	(+)	SNNGATNNNN	CAAGATAATG
		0.90166				
M00076	V\$GATA2_01	9	5179	(+)	NNNGATRNNN	CAAGATAATG

M00077	V\$GATA3_01	0.93354 0.90214	5180	(+)	NNGATARNG	AAGATAATG
M00203	V\$GATA_C	4 0.78515	5181	(+)	NGATAAGNMNN	AGATAATGAAA
M00127	V\$GATA1_03	4	5186	(+)	RNSNNGATAANNGN	ATGAAAATACGAAA
M00076	V\$GATA2_01	0.80424 0.81095	5212	(-)	NNNGATRNNN	TGGTATGTCG
M00075	V\$GATA1_01	8 0.79206	5304	(+)	SNNGATNNNN	ACTGATGAGA
M00076	V\$GATA2_01	1 0.83650	5304	(+)	NNNGATRNNN	ACTGATGAGA
M00077	V\$GATA3_01	9 0.79431	5305	(+)	NNGATARNG	CTGATGAGA
M00076	V\$GATA2_01	7	5309	(+)	NNNGATRNNN	TGAGATCTAC
M00126	V\$GATA1_02	0.80125 0.89996	5364	(+)	NNNNNGATANKGNN	GAAGAGACAAGGCA
M00203	V\$GATA_C	9 0.82812	5368	(+)	NGATAAGNMNN	AGACAAGGCAT
M00126	V\$GATA1_02	5 0.84370	5393	(+)	NNNNNGATANKGNN	GAATGGATAAAAGA
M00127	V\$GATA1_03	4 0.90090	5393	(+)	RNSNNGATAANNGN	GAATGGATAAAAGA
M00203	V\$GATA_C	1 0.78466	5397	(+)	NGATAAGNMNN	GGATAAAAGAA
M00127	V\$GATA1_03	4 0.83316	5432	(-)	RNSNNGATAANNGN	CAGACTATTTTCAC
M00075	V\$GATA1_01	9 0.86179	5444	(+)	SNNGATNNNN	ACTGATCGCC
M00075	V\$GATA1_01	7 0.84618	5444	(-)	SNNGATNNNN	ACTGATCGCC
M00076	V\$GATA2_01	9 0.84077	5444	(+)	NNNGATRNNN	ACTGATCGCC
M00076	V\$GATA2_01	6	5444	(-)	NNNGATRNNN	ACTGATCGCC
M00128	V\$GATA1_04	0.85723 0.85686	5491	(-)	NNCWGATARNNNN	CAATATATCTGCT
M00075	V\$GATA1_01	1 0.87686	5493	(-)	SNNGATNNNN	ATATATCTGC
M00076	V\$GATA2_01	1 0.83156	5493	(-)	NNNGATRNNN	ATATATCTGC
M00126	V\$GATA1_02	2	5645	(-)	NNNNNGATANKGNN	CTAAGTATCTTTTC
M00127	V\$GATA1_03	0.83268 0.83218	5645	(-)	RNSNNGATAANNGN	CTAAGTATCTTTTC
M00075	V\$GATA1_01	2 0.87325	5647	(-)	SNNGATNNNN	AAGTATCTTT
M00076	V\$GATA2_01	2 0.78656	5647	(-)	NNNGATRNNN	AAGTATCTTT
M00126	V\$GATA1_02	3 0.83978	5661	(+)	NNNNNGATANKGNN	GGCAGGATATTGGG
M00127	V\$GATA1_03	4 0.88696	5661	(+)	RNSNNGATAANNGN	GGCAGGATATTGGG
M00075	V\$GATA1_01	9 0.93098	5663	(+)	SNNGATNNNN	CAGGATATTG
M00076	V\$GATA2_01	8 0.85644	5663	(+)	NNNGATRNNN	CAGGATATTG
M00077	V\$GATA3_01	7 0.81688	5664	(+)	NNGATARNG	AGGATATTG
M00075	V\$GATA1_01	1 0.84122	5691	(+)	SNNGATNNNN	TAAGATTCTT
M00076	V\$GATA2_01	7 0.79103	5691	(+)	NNNGATRNNN	TAAGATTCTT
M00127	V\$GATA1_03	4	5725	(+)	RNSNNGATAANNGN	ATAATGAAAAGAAA

		0.81490				
M00075	V\$GATA1_01	6	5747	(-)	SNNGATNNNN	AAATATCCTA
		0.90888				
M00076	V\$GATA2_01	6	5747	(-)	NNNGATRNNN	AAATATCCTA
		0.78578				
M00075	V\$GATA1_01	5	5753	(-)	SNNGATNNNN	CCTAATCAAA
M00077	V\$GATA3_01	0.87284	5753	(-)	NNGATARNG	CCTAATCAA
		0.78437				
M00126	V\$GATA1_02	5	5758	(-)	NNNNNGATANKGNN	TCAAATATCCTTTA
		0.80651				
M00075	V\$GATA1_01	5	5760	(-)	SNNGATNNNN	AAATATCCTT
M00076	V\$GATA2_01	0.87641	5760	(-)	NNNGATRNNN	AAATATCCTT
M00075	V\$GATA1_01	0.83613	5771	(-)	SNNGATNNNN	AAGTATCCTA
		0.92016				
M00076	V\$GATA2_01	2	5771	(-)	NNNGATRNNN	AAGTATCCTA
		0.79103				
M00127	V\$GATA1_03	4	5775	(-)	RNSNNGATAANNNGN	ATCCTAATCAAGAT
		0.84649				
M00075	V\$GATA1_01	6	5777	(-)	SNNGATNNNN	CCTAATCAAG
M00077	V\$GATA3_01	0.87284	5777	(-)	NNGATARNG	CCTAATCAA
		0.79617				
M00127	V\$GATA1_03	8	5781	(+)	RNSNNGATAANNNGN	ATCAAGATGAATGA
M00075	V\$GATA1_01	0.82231	5783	(+)	SNNGATNNNN	CAAGATGAAT
		0.82002				
M00076	V\$GATA2_01	7	5783	(+)	NNNGATRNNN	CAAGATGAAT
		0.87193				
M00128	V\$GATA1_04	6	5819	(+)	NNCWGATARNNNN	AACAGATATCTCT
		0.83168				
M00075	V\$GATA1_01	8	5820	(+)	SNNGATNNNN	ACAGATATCT
		0.88903				
M00076	V\$GATA2_01	9	5820	(+)	NNNGATRNNN	ACAGATATCT
M00126	V\$GATA1_02	0.81125	5820	(-)	NNNNNGATANKGNN	ACAGATATCTCTAA
		0.83578				
M00128	V\$GATA1_04	4	5820	(-)	NNCWGATARNNNN	ACAGATATCTCTA
		0.83958				
M00075	V\$GATA1_01	5	5822	(-)	SNNGATNNNN	AGATATCTCT
		0.88903				
M00076	V\$GATA2_01	9	5822	(-)	NNNGATRNNN	AGATATCTCT
		0.83606				
M00077	V\$GATA3_01	6	5822	(-)	NNGATARNG	AGATATCTC
		0.88804				
M00127	V\$GATA1_03	5	5875	(+)	RNSNNGATAANNNGN	GGCTGGATAACTAA
		0.82132				
M00075	V\$GATA1_01	3	5877	(+)	SNNGATNNNN	CTGGATAACT
		0.84032				
M00076	V\$GATA2_01	5	5877	(+)	NNNGATRNNN	CTGGATAACT
		0.88288				
M00203	V\$GATA_C	3	5879	(+)	NGATAAGNMNN	GGATAACTAAA
		0.80243				
M00076	V\$GATA2_01	6	5891	(+)	NNNGATRNNN	CAACATAGTA
		0.82675				
M00075	V\$GATA1_01	2	5918	(-)	SNNGATNNNN	ATGGATCATC
M00076	V\$GATA2_01	0.80424	5918	(-)	NNNGATRNNN	ATGGATCATC
		0.81490				
M00075	V\$GATA1_01	6	5921	(-)	SNNGATNNNN	GATCATCTCA
		0.85566				
M00076	V\$GATA2_01	1	5921	(-)	NNNGATRNNN	GATCATCTCA
		0.83030				
M00077	V\$GATA3_01	6	5921	(-)	NNGATARNG	GATCATCTC
M00127	V\$GATA1_03	0.78099	5930	(-)	RNSNNGATAANNNGN	ACTGCTCTCTGTAC

		0.81822				
M00076	V\$GATA2_01	3	5944	(-)	NNNGATRNNN	TGCTATGGTG
		0.78466				
M00127	V\$GATA1_03	4	5948	(+)	RNSNNGATAANNGN	ATGGTGATGGAAAC
		0.89684				
M00075	V\$GATA1_01	1	5950	(+)	SNNGATNNNN	GGTGATGGAA
		0.84393				
M00076	V\$GATA2_01	3	5950	(+)	NNNGATRNNN	GGTGATGGAA
		0.84714				
M00077	V\$GATA3_01	2	5951	(+)	NNGATARNG	GTGATGGAA
		0.79250				
M00127	V\$GATA1_03	4	5979	(+)	RNSNNGATAANNGN	ATGGAGAAAATTCA
		0.84622				
M00203	V\$GATA_C	6	6039	(-)	NGATAAGNMNN	TTTATTTGTCA
		0.78031				
M00126	V\$GATA1_02	2	6048	(-)	NNNNNGATANKGNN	CACATAATCTTTAA
		0.78035				
M00075	V\$GATA1_01	5	6050	(-)	SNNGATNNNN	CATAATCTTT
M00076	V\$GATA2_01	0.79567	6050	(-)	NNNGATRNNN	CATAATCTTT
		0.89986				
M00077	V\$GATA3_01	7	6050	(-)	NNGATARNG	CATAATCTT
		0.78726				
M00075	V\$GATA1_01	6	6108	(+)	SNNGATNNNN	GAAGTTAGGT
		0.79206				
M00076	V\$GATA2_01	1	6108	(+)	NNNGATRNNN	GAAGTTAGGT
		0.78574				
M00076	V\$GATA2_01	7	6113	(+)	NNNGATRNNN	TAGGTTAGTT
M00203	V\$GATA_C	0.94315	6147	(-)	NGATAAGNMNN	ATGATTATCA
		0.79906				
M00126	V\$GATA1_02	3	6148	(-)	NNNNNGATANKGNN	TGATTATCAAAAC
		0.85569				
M00128	V\$GATA1_04	9	6148	(-)	NNCWGATARNNNN	TGATTATCAAAA
		0.81589				
M00075	V\$GATA1_01	3	6166	(-)	SNNGATNNNN	AAAAATCTAC
		0.82214				
M00127	V\$GATA1_03	6	6199	(+)	RNSNNGATAANNGN	ATGCAGATTAAAGA
		0.77936				
M00075	V\$GATA1_01	8	6201	(+)	SNNGATNNNN	GCAGATTAAG
		0.83916				
M00077	V\$GATA3_01	7	6202	(+)	NNGATARNG	CAGATTAA
		0.79476				
M00076	V\$GATA2_01	8	6223	(+)	NNNGATRNNN	TCAGTTAGCC
		0.80205				
M00127	V\$GATA1_03	8	6223	(-)	RNSNNGATAANNGN	TCAGTTAGCCTGGT
		0.80034				
M00127	V\$GATA1_03	3	6229	(+)	RNSNNGATAANNGN	AGCCTGGTAGGTAG
		0.82015				
M00128	V\$GATA1_04	9	6257	(-)	NNCWGATARNNNN	TTCCTTACCAGTT
		0.89468				
M00203	V\$GATA_C	8	6315	(-)	NGATAAGNMNN	GGTAATTATCA
		0.80062				
M00126	V\$GATA1_02	5	6316	(-)	NNNNNGATANKGNN	GTAATTATCATTTT
		0.88804				
M00127	V\$GATA1_03	5	6316	(-)	RNSNNGATAANNGN	GTAATTATCATTTT
		0.88786				
M00128	V\$GATA1_04	8	6316	(-)	NNCWGATARNNNN	GTAATTATCATTT
		0.81342				
M00075	V\$GATA1_01	5	6318	(-)	SNNGATNNNN	AATTATCATT
		0.83581				
M00076	V\$GATA2_01	4	6318	(-)	NNNGATRNNN	AATTATCATT
		0.84315				
M00077	V\$GATA3_01	5	6318	(-)	NNGATARNG	AATTATCAT
		0.83845				
M00203	V\$GATA_C	9	6337	(-)	NGATAAGNMNN	AATGTTTGCA

M00126	V\$GATA1_02	0.79843 7	6365	(-)	NNNNNGATANKGNN	TCTCTTTTCTTTTC
M00127	V\$GATA1_03	0.78833 9	6365	(-)	RNSNNGATAANNGN	TCTCTTTTCTTTTC
M00075	V\$GATA1_01	0.83465 0.86130	6380	(-)	SNNGATNNNN	AAGGATCAAG
M00075	V\$GATA1_01	3 0.86197	6395	(+)	SNNGATNNNN	GAAGATGCTA
M00076	V\$GATA2_01	6 0.78270	6395	(+)	NNNGATRNNN	GAAGATGCTA
M00127	V\$GATA1_03	5	6396	(+)	RNSNNGATAANNGN	AAGATGCTAAGGTA
M00076	V\$GATA2_01	0.82995 0.84099	6408	(+)	NNNGATRNNN	TAAGATCTTT
M00128	V\$GATA1_04	3 0.80059	6437	(-)	NNCWGATARNNNN	TTATATATCATAA
M00075	V\$GATA1_01	2 0.84303	6439	(-)	SNNGATNNNN	ATATATCATA
M00076	V\$GATA2_01	1 0.80343	6439	(-)	NNNGATRNNN	ATATATCATA
M00126	V\$GATA1_02	8 0.80867	6449	(+)	NNNNNGATANKGNN	AACAAGATATGCTC
M00127	V\$GATA1_03	2 0.84497	6449	(+)	RNSNNGATAANNGN	AACAAGATATGCTC
M00128	V\$GATA1_04	5 0.87759	6450	(+)	NNCWGATARNNNN	ACAAGATATGCTC
M00075	V\$GATA1_01	1	6451	(+)	SNNGATNNNN	CAAGATATGC
M00076	V\$GATA2_01	0.90618	6451	(+)	NNNGATRNNN	CAAGATATGC
M00077	V\$GATA3_01	0.85556 0.83446	6452	(+)	NNGATARNG	AAGATATGC
M00076	V\$GATA2_01	1 0.86766	6453	(-)	NNNGATRNNN	AGATATGCTC
M00203	V\$GATA_C	1	6453	(+)	NGATAAGNMNN	AGATATGCTCT
M00127	V\$GATA1_03	0.83023 0.81188	6474	(-)	RNSNNGATAANNGN	AAAGCTATCCGCTG
M00128	V\$GATA1_04	7 0.93879	6474	(-)	NNCWGATARNNNN	AAAGCTATCCGCT
M00075	V\$GATA1_01	6 0.98691	6476	(-)	SNNGATNNNN	AGCTATCCGC
M00076	V\$GATA2_01	9	6476	(-)	NNNGATRNNN	AGCTATCCGC
M00077	V\$GATA3_01	0.82809 0.81095	6476	(-)	NNGATARNG	AGCTATCCG
M00075	V\$GATA1_01	8 0.80153	6494	(+)	SNNGATNNNN	TGCGATTGAA
M00076	V\$GATA2_01	4 0.86087	6494	(+)	NNNGATRNNN	TGCGATTGAA
M00077	V\$GATA3_01	7 0.77156	6495	(+)	NNGATARNG	GCGATTGAA
M00126	V\$GATA1_02	2	6514	(-)	NNNNNGATANKGNN	AGTGCTATCATACC
M00127	V\$GATA1_03	0.78197 0.88694	6514	(-)	RNSNNGATAANNGN	AGTGCTATCATACC
M00128	V\$GATA1_04	9 0.85143	6514	(-)	NNCWGATARNNNN	AGTGCTATCATAC
M00075	V\$GATA1_01	1 0.90888	6516	(-)	SNNGATNNNN	TGCTATCATA
M00076	V\$GATA2_01	6 0.88746	6516	(-)	NNNGATRNNN	TGCTATCATA
M00077	V\$GATA3_01	1 0.80198	6516	(-)	NNGATARNG	TGCTATCAT
M00076	V\$GATA2_01	5 0.84218	6519	(+)	NNNGATRNNN	TATCATACCC
M00126	V\$GATA1_02	8	6546	(+)	NNNNNGATANKGNN	TGCCAGATAAAGTA

		0.78343					
M00127	V\$GATA1_03	9	6546	(+)	RNSNNGATAANNGN	TGCCAGATAAAGTA	
		0.90226					
M00128	V\$GATA1_04	7	6547	(+)	NNCWGATARNNNN	GCCAGATAAAGTA	
		0.85439					
M00075	V\$GATA1_01	3	6548	(+)	SNNGATNNNN	CCAGATAAAG	
		0.86964					
M00076	V\$GATA2_01	4	6548	(+)	NNNGATRNNN	CCAGATAAAG	
		0.90784					
M00077	V\$GATA3_01	2	6549	(+)	NNGATARNG	CAGATAAAG	
M00203	V\$GATA_C	0.90991	6550	(+)	NGATAAGNMNN	AGATAAAGTAA	
		0.81464					
M00128	V\$GATA1_04	5	6581	(+)	NNCWGATARNNNN	ACATGATCAGGAG	
		0.85488					
M00075	V\$GATA1_01	6	6582	(+)	SNNGATNNNN	CATGATCAGG	
		0.86327					
M00075	V\$GATA1_01	7	6582	(-)	SNNGATNNNN	CATGATCAGG	
		0.83220					
M00076	V\$GATA2_01	6	6582	(+)	NNNGATRNNN	CATGATCAGG	
M00076	V\$GATA2_01	0.83401	6582	(-)	NNNGATRNNN	CATGATCAGG	
		0.80552					
M00075	V\$GATA1_01	8	6611	(-)	SNNGATNNNN	TAAAATCAAG	
		0.82527					
M00075	V\$GATA1_01	1	6656	(-)	SNNGATNNNN	GAACATCTGA	
		0.87054					
M00076	V\$GATA2_01	6	6656	(-)	NNNGATRNNN	GAACATCTGA	
		0.78282					
M00075	V\$GATA1_01	3	6682	(+)	SNNGATNNNN	CCTGTTTCTG	
		0.78973					
M00075	V\$GATA1_01	3	6690	(-)	SNNGATNNNN	TGTCATCCCA	
		0.86287					
M00076	V\$GATA2_01	8	6690	(-)	NNNGATRNNN	TGTCATCCCA	
		0.83281					
M00126	V\$GATA1_02	2	6696	(+)	NNNNNGATANKGNN	CCCAGGATAAGAGT	
M00127	V\$GATA1_03	0.89172	6696	(+)	RNSNNGATAANNGN	CCCAGGATAAGAGT	
		0.83415					
M00075	V\$GATA1_01	6	6698	(+)	SNNGATNNNN	CAGGATAAGA	
		0.87956					
M00076	V\$GATA2_01	7	6698	(+)	NNNGATRNNN	CAGGATAAGA	
		0.87416					
M00077	V\$GATA3_01	9	6699	(+)	NNGATARNG	AGGATAAGA	
		0.93041					
M00203	V\$GATA_C	3	6700	(+)	NGATAAGNMNN	GGATAAGAGTT	
		0.83783					
M00077	V\$GATA3_01	8	6711	(-)	NNGATARNG	CACTCTCTT	
		0.78935					
M00076	V\$GATA2_01	5	6770	(+)	NNNGATRNNN	TAGGATCAAT	
		0.86197					
M00076	V\$GATA2_01	6	6781	(-)	NNNGATRNNN	GGCTATGCTG	
		0.79927					
M00076	V\$GATA2_01	8	6805	(-)	NNNGATRNNN	AGTCATGCCC	
		0.78755					
M00076	V\$GATA2_01	1	6837	(+)	NNNGATRNNN	GAGCATGCCA	
		0.78845					
M00076	V\$GATA2_01	3	6837	(-)	NNNGATRNNN	GAGCATGCCA	
		0.85932					
M00075	V\$GATA1_01	9	6862	(-)	SNNGATNNNN	TACCATCTCA	
M00076	V\$GATA2_01	0.88092	6862	(-)	NNNGATRNNN	TACCATCTCA	
		0.89056					
M00077	V\$GATA3_01	3	6862	(-)	NNGATARNG	TACCATCTC	
		0.84600					
M00075	V\$GATA1_01	2	6904	(+)	SNNGATNNNN	AGTGATGCTA	

		0.81190				
M00076	V\$GATA2_01	8	6904	(+)	NNNGATRNNN	AGTGATGCTA
M00127	V\$GATA1_03	0.78197	6907	(-)	RNSNNGATAANNGN	GATGCTATCCAACC
		0.79022				
M00075	V\$GATA1_01	7	6909	(-)	SNNGATNNNN	TGCTATCCAA
		0.85295				
M00076	V\$GATA2_01	4	6909	(-)	NNNGATRNNN	TGCTATCCAA
		0.84138				
M00077	V\$GATA3_01	2	6909	(-)	NNGATARNG	TGCTATCCA
		0.89486				
M00075	V\$GATA1_01	7	6917	(-)	SNNGATNNNN	AACCATCTCA
M00076	V\$GATA2_01	0.91069	6917	(-)	NNNGATRNNN	AACCATCTCA
		0.85866				
M00077	V\$GATA3_01	2	6917	(-)	NNGATARNG	AACCATCTC
		0.77591				
M00075	V\$GATA1_01	3	6919	(-)	SNNGATNNNN	CCATCTCACC
		0.79960				
M00075	V\$GATA1_01	5	6932	(-)	SNNGATNNNN	TGACATCCCT
		0.84528				
M00076	V\$GATA2_01	6	6932	(-)	NNNGATRNNN	TGACATCCCT
		0.80207				
M00075	V\$GATA1_01	3	6938	(-)	SNNGATNNNN	CCCTGTCTCC
		0.81326				
M00076	V\$GATA2_01	1	6938	(-)	NNNGATRNNN	CCCTGTCTCC
		0.80602				
M00075	V\$GATA1_01	2	6952	(-)	SNNGATNNNN	CTCAATCTTT
		0.80694				
M00076	V\$GATA2_01	6	6952	(-)	NNNGATRNNN	CTCAATCTTT
		0.90828				
M00077	V\$GATA3_01	5	6952	(-)	NNGATARNG	CTCAATCTT
		0.77591				
M00075	V\$GATA1_01	3	6961	(-)	SNNGATNNNN	TCCCAGCACC
		0.85119				
M00203	V\$GATA_C	6	6972	(-)	NGATAAGNMNN	AGGTCTTTTCT
M00075	V\$GATA1_01	0.86772	6997	(-)	SNNGATNNNN	TTGCATCAGG
		0.81326				
M00076	V\$GATA2_01	1	6997	(-)	NNNGATRNNN	TTGCATCAGG
		0.83810				
M00075	V\$GATA1_01	5	7033	(-)	SNNGATNNNN	TAGCATCAGT
		0.81190				
M00076	V\$GATA2_01	8	7033	(-)	NNNGATRNNN	TAGCATCAGT
		0.84452				
M00075	V\$GATA1_01	1	7059	(+)	SNNGATNNNN	CAGGATTGAC
		0.84618				
M00076	V\$GATA2_01	9	7059	(+)	NNNGATRNNN	CAGGATTGAC
		0.85784				
M00075	V\$GATA1_01	8	7076	(+)	SNNGATNNNN	AGTGATTCCT
		0.82453				
M00076	V\$GATA2_01	8	7076	(+)	NNNGATRNNN	AGTGATTCCT
		0.78574				
M00076	V\$GATA2_01	7	7100	(+)	NNNGATRNNN	TAGCATGTTG
		0.79763				
M00075	V\$GATA1_01	1	7103	(+)	SNNGATNNNN	CATGTTGGGC
M00203	V\$GATA_C	0.89593	7142	(-)	NGATAAGNMNN	GTGCATATCT
		0.80243				
M00076	V\$GATA2_01	6	7143	(+)	NNNGATRNNN	TGTCATATCT
		0.85906				
M00126	V\$GATA1_02	2	7143	(-)	NNNNNGATANKGNN	TGTCATATCTTTTA
		0.87346				
M00128	V\$GATA1_04	8	7143	(-)	NNCWGATARNNNN	TGTCATATCTTTT
		0.78775				
M00075	V\$GATA1_01	9	7145	(-)	SNNGATNNNN	TCATATCTTT

		0.83852				
M00076	V\$GATA2_01	1	7145	(-)	NNNGATRNNN	TCATATCTTT
		0.88746				
M00077	V\$GATA3_01	1	7145	(-)	NNGATARNG	TCATATCTT
		0.85295				
M00076	V\$GATA2_01	4	7228	(-)	NNNGATRNNN	GGCTATGCTA
		0.82971				
M00075	V\$GATA1_01	4	7238	(-)	SNNGATNNNN	CCTAATCTCA
M00076	V\$GATA2_01	0.84258	7238	(-)	NNNGATRNNN	CCTAATCTCA
		0.93797				
M00077	V\$GATA3_01	1	7238	(-)	NNGATARNG	CCTAATCTC
		0.82132				
M00075	V\$GATA1_01	3	7299	(+)	SNNGATNNNN	AGAGATGACT
		0.84573				
M00076	V\$GATA2_01	7	7299	(+)	NNNGATRNNN	AGAGATGACT
		0.80328				
M00127	V\$GATA1_03	3	7303	(-)	RNSNNGATAANNGN	ATGACTATTTTGCT
		0.83286				
M00203	V\$GATA_C	7	7326	(-)	NGATAAGNMNN	AATCAATATCT
M00126	V\$GATA1_02	0.7825	7327	(-)	NNNNNGATANKGNN	ATCAATATCTTAGT
		0.83070				
M00075	V\$GATA1_01	1	7329	(-)	SNNGATNNNN	CAATATCTTA
		0.90753				
M00076	V\$GATA2_01	3	7329	(-)	NNNGATRNNN	CAATATCTTA
		0.90163				
M00077	V\$GATA3_01	9	7329	(-)	NNGATARNG	CAATATCTT
		0.83711				
M00075	V\$GATA1_01	7	7355	(-)	SNNGATNNNN	AGAAATCAGA
		0.84573				
M00076	V\$GATA2_01	7	7355	(-)	NNNGATRNNN	AGAAATCAGA
		0.77048				
M00075	V\$GATA1_01	4	7360	(+)	SNNGATNNNN	TCAGATCCAT
		0.80920				
M00076	V\$GATA2_01	2	7360	(+)	NNNGATRNNN	TCAGATCCAT
		0.88568				
M00077	V\$GATA3_01	9	7417	(+)	NNGATARNG	AAGATTAGA
		0.84467				
M00203	V\$GATA_C	2	7418	(+)	NGATAAGNMNN	AGATTAGAACT
		0.81885				
M00075	V\$GATA1_01	5	7464	(+)	SNNGATNNNN	ATTGATTGTT
		0.81093				
M00126	V\$GATA1_02	8	7548	(+)	NNNNNGATANKGNN	TTTCAGATAGCCCA
		0.89368				
M00128	V\$GATA1_04	9	7549	(+)	NNCWGATARNNNN	TTCAGATAGCCCA
		0.87216				
M00075	V\$GATA1_01	2	7550	(+)	SNNGATNNNN	TCAGATAGCC
		0.95444				
M00076	V\$GATA2_01	3	7550	(+)	NNNGATRNNN	TCAGATAGCC
		0.87328				
M00077	V\$GATA3_01	3	7551	(+)	NNGATARNG	CAGATAGCC
		0.81243				
M00075	V\$GATA1_01	8	7568	(+)	SNNGATNNNN	TAGGATTCTT
		0.85566				
M00076	V\$GATA2_01	1	7568	(+)	NNNGATRNNN	TAGGATTCTT
		0.89624				
M00203	V\$GATA_C	1	7590	(-)	NGATAAGNMNN	CATTTTTATCA
M00126	V\$GATA1_02	0.82125	7591	(-)	NNNNNGATANKGNN	ATTTTTATCACGAA
		0.78882				
M00127	V\$GATA1_03	9	7591	(-)	RNSNNGATAANNGN	ATTTTTATCACGAA
		0.89828				
M00128	V\$GATA1_04	4	7591	(-)	NNCWGATARNNNN	ATTTTTATCACGA
M00075	V\$GATA1_01	0.83613	7593	(-)	SNNGATNNNN	TTTTATCACG

		0.81551				
M00076	V\$GATA2_01	6	7593	(-)	NNNGATRNNN	TTTATCACG
		0.87239				
M00077	V\$GATA3_01	7	7593	(-)	NNGATARNG	TTTTATCAC
		0.83437				
M00126	V\$GATA1_02	5	7633	(-)	NNNNNGATANKGNN	GAAAGTATCTGTAT
		0.84051				
M00127	V\$GATA1_03	9	7633	(-)	RNSNNGATAANNGN	GAAAGTATCTGTAT
		0.85291				
M00075	V\$GATA1_01	2	7635	(-)	SNNGATNNNN	AAGTATCTGT
		0.88137				
M00076	V\$GATA2_01	1	7635	(-)	NNNGATRNNN	AAGTATCTGT
		0.82631				
M00127	V\$GATA1_03	1	7682	(-)	RNSNNGATAANNGN	GTTATTATACTCCC
M00076	V\$GATA2_01	0.79567	7701	(+)	NNNGATRNNN	CAACATATTT
		0.78726				
M00075	V\$GATA1_01	6	7722	(-)	SNNGATNNNN	GACAATCCAA
M00076	V\$GATA2_01	0.79567	7722	(-)	NNNGATRNNN	GACAATCCAA
		0.78035				
M00075	V\$GATA1_01	5	7754	(-)	SNNGATNNNN	CTGAATCTTT
		0.78168				
M00076	V\$GATA2_01	7	7754	(-)	NNNGATRNNN	CTGAATCTTT
		0.82897				
M00077	V\$GATA3_01	7	7754	(-)	NNGATARNG	CTGAATCTT
		0.86278				
M00075	V\$GATA1_01	4	7796	(-)	SNNGATNNNN	AGCAATCCAG
		0.82724				
M00076	V\$GATA2_01	4	7796	(-)	NNNGATRNNN	AGCAATCCAG
		0.81441				
M00075	V\$GATA1_01	3	7860	(+)	SNNGATNNNN	AATGATTCTC
		0.79386				
M00076	V\$GATA2_01	6	7860	(+)	NNNGATRNNN	AATGATTCTC
		0.81063				
M00127	V\$GATA1_03	2	7861	(-)	RNSNNGATAANNGN	ATGATTCTCTTTCT
		0.83942				
M00076	V\$GATA2_01	3	7911	(-)	NNNGATRNNN	AGGTATGCCA
		0.86475				
M00075	V\$GATA1_01	8	7935	(-)	SNNGATNNNN	AAGTATCCCA
		0.92828				
M00076	V\$GATA2_01	1	7935	(-)	NNNGATRNNN	AAGTATCCCA
		0.83597				
M00203	V\$GATA_C	4	8017	(-)	NGATAAGNMNN	ACTATGTATCT
		0.78394				
M00076	V\$GATA2_01	2	8020	(-)	NNNGATRNNN	ATGTATCTAA
M00077	V\$GATA3_01	0.86132	8025	(-)	NNGATARNG	TCTAATCTA
M00075	V\$GATA1_01	0.82231	8029	(-)	SNNGATNNNN	ATCTATCCTA
		0.90527				
M00076	V\$GATA2_01	7	8029	(-)	NNNGATRNNN	ATCTATCCTA
		0.82986				
M00077	V\$GATA3_01	3	8029	(-)	NNGATARNG	ATCTATCCT
		0.78343				
M00126	V\$GATA1_02	8	8051	(-)	NNNNNGATANKGNN	AAGGCTATCAACCC
		0.87236				
M00127	V\$GATA1_03	6	8051	(-)	RNSNNGATAANNGN	AAGGCTATCAACCC
		0.89239				
M00075	V\$GATA1_01	9	8053	(-)	SNNGATNNNN	GGCTATCAAC
		0.86783				
M00076	V\$GATA2_01	9	8053	(-)	NNNGATRNNN	GGCTATCAAC
		0.83119				
M00077	V\$GATA3_01	2	8053	(-)	NNGATARNG	GGCTATCAA
		0.85212				
M00203	V\$GATA_C	8	8083	(-)	NGATAAGNMNN	ATTATTGTCA

		0.78726				
M00075	V\$GATA1_01	6	8104	(+)	SNNGATNNNN	AAAGATTCT
		0.81641				
M00076	V\$GATA2_01	9	8104	(+)	NNNGATRNNN	AAAGATTCT
		0.80181				
M00127	V\$GATA1_03	3	8118	(+)	RNSNNGATAANNGN	GGGCAAATAATCCT
		0.77295				
M00075	V\$GATA1_01	2	8123	(-)	SNNGATNNNN	AATAATCCTA
		0.82949				
M00076	V\$GATA2_01	9	8123	(-)	NNNGATRNNN	AATAATCCTA
		0.88412				
M00203	V\$GATA_C	6	8125	(-)	NGATAAGNMNN	TAATCCTATCT
		0.89531				
M00126	V\$GATA1_02	2	8126	(-)	NNNNNGATANKGN	AATCCTATCTGGAT
		0.88167				
M00127	V\$GATA1_03	6	8126	(-)	RNSNNGATAANNGN	AATCCTATCTGGAT
		0.90655				
M00128	V\$GATA1_04	6	8126	(-)	NNCWGATARNNNN	AATCCTATCTGGA
		0.92448				
M00075	V\$GATA1_01	2	8128	(-)	SNNGATNNNN	TCCTATCTGG
		0.92467				
M00076	V\$GATA2_01	3	8128	(-)	NNNGATRNNN	TCCTATCTGG
		0.94195				
M00077	V\$GATA3_01	8	8128	(-)	NNGATARNG	TCCTATCTG
		0.81185				
M00127	V\$GATA1_03	7	8132	(+)	RNSNNGATAANNGN	ATCTGGATATCTGT
		0.83958				
M00075	V\$GATA1_01	5	8134	(+)	SNNGATNNNN	CTGGATATCT
M00076	V\$GATA2_01	0.85521	8134	(+)	NNNGATRNNN	CTGGATATCT
		0.78466				
M00127	V\$GATA1_03	4	8134	(-)	RNSNNGATAANNGN	CTGGATATCTGTGG
		0.81688				
M00075	V\$GATA1_01	1	8136	(-)	SNNGATNNNN	GGATATCTGT
		0.88543				
M00076	V\$GATA2_01	1	8136	(-)	NNNGATRNNN	GGATATCTGT
		0.82769				
M00076	V\$GATA2_01	5	8145	(-)	NNNGATRNNN	TGGTATCCAA
		0.87709				
M00075	V\$GATA1_01	8	8156	(+)	SNNGATNNNN	CATGATTTTT
		0.82769				
M00076	V\$GATA2_01	5	8156	(+)	NNNGATRNNN	CATGATTTTT
		0.87709				
M00075	V\$GATA1_01	8	8184	(+)	SNNGATNNNN	CCAGATTTTT
		0.84709				
M00076	V\$GATA2_01	1	8184	(+)	NNNGATRNNN	CCAGATTTTT
		0.78134				
M00075	V\$GATA1_01	3	8200	(-)	SNNGATNNNN	TTAAATCTTG
		0.83535				
M00203	V\$GATA_C	3	8202	(-)	NGATAAGNMNN	AAATCTTGCA
		0.78417				
M00127	V\$GATA1_03	4	8228	(-)	RNSNNGATAANNGN	ATGGCTATGCTTCT
		0.82047				
M00076	V\$GATA2_01	8	8230	(-)	NNNGATRNNN	GGCTATGCTT
		0.85355				
M00128	V\$GATA1_04	4	8258	(+)	NNCWGATARNNNN	ACATGATATATCC
		0.86130				
M00075	V\$GATA1_01	3	8259	(+)	SNNGATNNNN	CATGATATAT
		0.85205				
M00076	V\$GATA2_01	2	8259	(+)	NNNGATRNNN	CATGATATAT
		0.86797				
M00203	V\$GATA_C	1	8260	(-)	NGATAAGNMNN	ATGATATATCC
		0.88474				
M00203	V\$GATA_C	7	8261	(+)	NGATAAGNMNN	TGATATATCCT
		0.83626				
M00076	V\$GATA2_01	5	8263	(-)	NNNGATRNNN	ATATATCCTT

		0.79072				
M00075	V\$GATA1_01	1	8280	(-)	SNNGATNNNN	CTCAATCAAT
		0.86043				
M00077	V\$GATA3_01	4	8280	(-)	NNGATARNG	CTCAATCAA
		0.81235				
M00076	V\$GATA2_01	9	8308	(-)	NNNGATRNNN	TGGAATCCTT
		0.78515				
M00127	V\$GATA1_03	4	8334	(+)	RNSNNGATAANNGN	GAGGAGAAAAAGAG
		0.77593				
M00126	V\$GATA1_02	8	8340	(+)	NNNNNGATANKGNN	AAAAAGAGAAGGCA
		0.83030				
M00077	V\$GATA3_01	6	8343	(+)	NNGATARNG	AAGAGAAGG
		0.84405				
M00203	V\$GATA_C	1	8344	(+)	NGATAAGNMNN	AGAGAAGGCAT
		0.80108				
M00076	V\$GATA2_01	3	8364	(-)	NNNGATRNNN	TGAAATCCTT
		0.79318				
M00075	V\$GATA1_01	9	8391	(-)	SNNGATNNNN	CTTCATCCAG
		0.81342				
M00075	V\$GATA1_01	5	8450	(-)	SNNGATNNNN	CACAATCCAA
		0.81235				
M00076	V\$GATA2_01	9	8450	(-)	NNNGATRNNN	CACAATCCAA
		0.85866				
M00077	V\$GATA3_01	2	8450	(-)	NNGATARNG	CACAATCCA
		0.78784				
M00127	V\$GATA1_03	9	8477	(+)	RNSNNGATAANNGN	CTGGTGAAAGCAGT
		0.77406				
M00126	V\$GATA1_02	2	8486	(+)	NNNNNGATANKGNN	GCAGTGAGAAGAGA
		0.78931				
M00127	V\$GATA1_03	9	8491	(+)	RNSNNGATAANNGN	GAGAAGAGAAAAGA
		0.79843				
M00126	V\$GATA1_02	8	8493	(+)	NNNNNGATANKGNN	GAAGAGAAAAGAGA
		0.78833				
M00127	V\$GATA1_03	9	8493	(+)	RNSNNGATAANNGN	GAAGAGAAAAGAGA
		0.82724				
M00075	V\$GATA1_01	6	8515	(+)	SNNGATNNNN	TTTGATTGTT
		0.80739				
M00076	V\$GATA2_01	7	8522	(-)	NNNGATRNNN	GTTCATCTTA
M00203	V\$GATA_C	0.87667	8524	(-)	NGATAAGNMNN	TCATCTTATCT
		0.85062				
M00126	V\$GATA1_02	5	8525	(-)	NNNNNGATANKGNN	CATCTTATCTAAAT
		0.82214				
M00127	V\$GATA1_03	6	8525	(-)	RNSNNGATAANNGN	CATCTTATCTAAAT
M00128	V\$GATA1_04	0.875	8525	(-)	NNCWGATARNNNN	CATCTTATCTAAA
		0.89499				
M00077	V\$GATA3_01	3	8527	(-)	NNGATARNG	TCTTATCTA
		0.79318				
M00075	V\$GATA1_01	9	8558	(-)	SNNGATNNNN	TAAAATCAGT
		0.86812				
M00126	V\$GATA1_02	5	8571	(+)	NNNNNGATANKGNN	CCACAGATAAGCTA
		0.84688				
M00127	V\$GATA1_03	9	8571	(+)	RNSNNGATAANNGN	CCACAGATAAGCTA
		0.83394				
M00128	V\$GATA1_04	6	8572	(+)	NNCWGATARNNNN	CACAGATAAGCTA
		0.81095				
M00075	V\$GATA1_01	8	8573	(+)	SNNGATNNNN	ACAGATAAGC
		0.85791				
M00076	V\$GATA2_01	6	8573	(+)	NNNGATRNNN	ACAGATAAGC
		0.88170				
M00077	V\$GATA3_01	1	8574	(+)	NNGATARNG	CAGATAAGC
		0.92606				
M00203	V\$GATA_C	4	8575	(+)	NGATAAGNMNN	AGATAAGCTAT
		0.83987				
M00076	V\$GATA2_01	4	8580	(-)	NNNGATRNNN	AGCTATGATG

		0.85241				
M00075	V\$GATA1_01	9	8583	(+)	SNNGATNNNN	TATGATGTGT
		0.86107				
M00076	V\$GATA2_01	4	8583	(+)	NNNGATRNNN	TATGATGTGT
		0.90742				
M00203	V\$GATA_C	5	8605	(-)	NGATAAGNMNN	CATTTTATCT
		0.83906				
M00126	V\$GATA1_02	2	8606	(-)	NNNNNGATANKGN	ATTTTATCTTGAA
		0.79862				
M00127	V\$GATA1_03	8	8606	(-)	RNSNNGATAANNGN	ATTTTATCTTGAA
		0.91237				
M00128	V\$GATA1_04	7	8606	(-)	NNCWGATARNNNN	ATTTTATCTTGA
		0.78677				
M00075	V\$GATA1_01	2	8608	(-)	SNNGATNNNN	TTTTATCTTG
		0.81867				
M00076	V\$GATA2_01	4	8608	(-)	NNNGATRNNN	TTTTATCTTG
M00077	V\$GATA3_01	0.8786	8608	(-)	NNGATARNG	TTTTATCTT
		0.82230				
M00128	V\$GATA1_04	4	8690	(+)	NNCWGATARNNNN	GTGAGATATATTC
M00075	V\$GATA1_01	0.80849	8691	(+)	SNNGATNNNN	TGAGATATAT
		0.86242				
M00076	V\$GATA2_01	7	8691	(+)	NNNGATRNNN	TGAGATATAT
		0.83207				
M00077	V\$GATA3_01	8	8692	(+)	NNGATARNG	GAGATATAT
		0.84622				
M00203	V\$GATA_C	6	8693	(+)	NGATAAGNMNN	AGATATATTC
		0.79201				
M00127	V\$GATA1_03	4	8716	(-)	RNSNNGATAANNGN	TATATTAACATCAT
		0.86080				
M00075	V\$GATA1_01	9	8721	(-)	SNNGATNNNN	TAACATCATC
		0.83942				
M00076	V\$GATA2_01	3	8721	(-)	NNNGATRNNN	TAACATCATC
		0.83267				
M00075	V\$GATA1_01	5	8724	(-)	SNNGATNNNN	CATCATCCAG
		0.80604				
M00076	V\$GATA2_01	4	8724	(-)	NNNGATRNNN	CATCATCCAG
		0.87561				
M00075	V\$GATA1_01	7	8731	(+)	SNNGATNNNN	CAGGATATCT
		0.93685				
M00076	V\$GATA2_01	2	8731	(+)	NNNGATRNNN	CAGGATATCT
		0.81188				
M00128	V\$GATA1_04	7	8731	(-)	NNCWGATARNNNN	CAGGATATCTTAA
		0.80454				
M00075	V\$GATA1_01	1	8733	(-)	SNNGATNNNN	GGATATCTTA
		0.90978				
M00076	V\$GATA2_01	8	8733	(-)	NNNGATRNNN	GGATATCTTA
		0.87314				
M00075	V\$GATA1_01	9	8798	(+)	SNNGATNNNN	GAAGATGTGC
		0.88317				
M00076	V\$GATA2_01	5	8798	(+)	NNNGATRNNN	GAAGATGTGC
		0.85927				
M00203	V\$GATA_C	3	8822	(-)	NGATAAGNMNN	CTGGGTATCT
M00126	V\$GATA1_02	0.81125	8823	(-)	NNNNNGATANKGN	TGGGTATCTGGTA
		0.79617				
M00127	V\$GATA1_03	8	8823	(-)	RNSNNGATAANNGN	TGGGTATCTGGTA
		0.91207				
M00128	V\$GATA1_04	1	8823	(-)	NNCWGATARNNNN	TGGGTATCTGGT
M00075	V\$GATA1_01	0.86772	8825	(-)	SNNGATNNNN	GGTATCTGG
		0.91204				
M00076	V\$GATA2_01	3	8825	(-)	NNNGATRNNN	GGTATCTGG
		0.84492				
M00077	V\$GATA3_01	7	8825	(-)	NNGATARNG	GGTATCTG

		0.90325					
M00075	V\$GATA1_01	8	8866	(-)	SNNGATNNNN	ATGCATCAGG	
		0.84303					
M00076	V\$GATA2_01	1	8866	(-)	NNNGATRNNN	ATGCATCAGG	
		0.81937					
M00126	V\$GATA1_02	5	8893	(+)	NNNNNGATANKGNN	GTGTTGATAAATTA	
M00127	V\$GATA1_03	0.83807	8893	(+)	RNSNNGATAANNGN	GTGTTGATAAATTA	
		0.81525					
M00128	V\$GATA1_04	7	8894	(+)	NNCWGATARNNNN	TGTTGATAAATTA	
		0.80256					
M00075	V\$GATA1_01	7	8895	(+)	SNNGATNNNN	GTTGATAAAT	
		0.89934					
M00203	V\$GATA_C	8	8897	(+)	NGATAAGNMNN	TGATAAATTAT	
		0.86393					
M00203	V\$GATA_C	3	8899	(-)	NGATAAGNMNN	ATAAATTATCT	
		0.84937					
M00126	V\$GATA1_02	5	8900	(-)	NNNNNGATANKGNN	TAAATTATCTCTCC	
		0.86599					
M00127	V\$GATA1_03	7	8900	(-)	RNSNNGATAANNGN	TAAATTATCTCTCC	
		0.82904					
M00128	V\$GATA1_04	4	8900	(-)	NNCWGATARNNNN	TAAATTATCTCTC	
		0.82132					
M00075	V\$GATA1_01	3	8902	(-)	SNNGATNNNN	AATTATCTCT	
M00076	V\$GATA2_01	0.85521	8902	(-)	NNNGATRNNN	AATTATCTCT	
		0.88391					
M00077	V\$GATA3_01	7	8902	(-)	NNGATARNG	AATTATCTC	
		0.79103					
M00127	V\$GATA1_03	4	8910	(-)	RNSNNGATAANNGN	CTCCTTTTCAATAT	
		0.82343					
M00126	V\$GATA1_02	8	8916	(-)	NNNNNGATANKGNN	TTCAATATCTGCTA	
		0.87377					
M00128	V\$GATA1_04	5	8916	(-)	NNCWGATARNNNN	TTCAATATCTGCT	
M00075	V\$GATA1_01	0.9077	8918	(-)	SNNGATNNNN	CAATATCTGC	
		0.93008					
M00076	V\$GATA2_01	6	8918	(-)	NNNGATRNNN	CAATATCTGC	
		0.89587					
M00077	V\$GATA3_01	9	8918	(-)	NNGATARNG	CAATATCTG	
		0.79368					
M00075	V\$GATA1_01	2	8951	(+)	SNNGATNNNN	ACAGATTCTA	
M00076	V\$GATA2_01	0.7871	8951	(+)	NNNGATRNNN	ACAGATTCTA	
M00075	V\$GATA1_01	0.82231	8968	(+)	SNNGATNNNN	ACTGATCCCT	
		0.77788					
M00075	V\$GATA1_01	7	8968	(-)	SNNGATNNNN	ACTGATCCCT	
		0.82453					
M00076	V\$GATA2_01	8	8968	(+)	NNNGATRNNN	ACTGATCCCT	
		0.81145					
M00076	V\$GATA2_01	7	8968	(-)	NNNGATRNNN	ACTGATCCCT	
		0.83690					
M00203	V\$GATA_C	6	8992	(+)	NGATAAGNMNN	TGACAAGTTTT	
		0.86220					
M00077	V\$GATA3_01	6	9002	(-)	NNGATARNG	TTTAATCTC	
		0.84007					
M00075	V\$GATA1_01	9	9009	(+)	SNNGATNNNN	TCAGATATTT	
		0.90257					
M00076	V\$GATA2_01	1	9009	(+)	NNNGATRNNN	TCAGATATTT	
		0.82897					
M00077	V\$GATA3_01	7	9010	(+)	NNGATARNG	CAGATATTT	
		0.83038					
M00203	V\$GATA_C	2	9011	(+)	NGATAAGNMNN	AGATATTTAAT	
		0.81461					
M00076	V\$GATA2_01	4	9062	(+)	NNNGATRNNN	TCAGATCTGA	

		0.81461				
M00076	V\$GATA2_01	4	9062	(-)	NNNGATRNNN	TCAGATCTGA
		0.82230				
M00128	V\$GATA1_04	4	9066	(+)	NNCWGATARNNNN	ATCTGATTAGCAC
		0.81638				
M00075	V\$GATA1_01	7	9067	(+)	SNNGATNNNN	TCTGATTAGC
		0.81461				
M00076	V\$GATA2_01	4	9067	(+)	NNNGATRNNN	TCTGATTAGC
		0.82454				
M00077	V\$GATA3_01	6	9068	(+)	NNGATARNG	CTGATTAGC
		0.82942				
M00077	V\$GATA3_01	6	9099	(+)	NNGATARNG	TAGATTTGA
		0.80965				
M00076	V\$GATA2_01	3	9144	(-)	NNNGATRNNN	CGGCATGTGA
		0.78875				
M00126	V\$GATA1_02	3	9147	(+)	NNNNNGATANKGNN	CATGTGATATTAGA
		0.83149				
M00128	V\$GATA1_04	5	9148	(+)	NNCWGATARNNNN	ATGTGATATTAGA
		0.83316				
M00075	V\$GATA1_01	9	9149	(+)	SNNGATNNNN	TGTGATATTA
		0.86152				
M00076	V\$GATA2_01	5	9149	(+)	NNNGATRNNN	TGTGATATTA
		0.86043				
M00077	V\$GATA3_01	4	9150	(+)	NNGATARNG	GTGATATTA
		0.83031				
M00126	V\$GATA1_02	3	9154	(+)	NNNNNGATANKGNN	TATTAGATAGTTTC
		0.81801				
M00128	V\$GATA1_04	5	9155	(+)	NNCWGATARNNNN	ATTAGATAGTTTC
		0.83020				
M00075	V\$GATA1_01	7	9156	(+)	SNNGATNNNN	TTAGATAGTT
		0.84934				
M00076	V\$GATA2_01	6	9156	(+)	NNNGATRNNN	TTAGATAGTT
		0.87062				
M00077	V\$GATA3_01	5	9157	(+)	NNGATARNG	TAGATAGTT
		0.97514				
M00203	V\$GATA_C	8	9164	(-)	NGATAAGNMNN	TTTCCTTATCT
		0.8725				
M00126	V\$GATA1_02	3	9165	(-)	NNNNNGATANKGNN	TTCCTTATCTGCTG
		0.89784				
M00127	V\$GATA1_03	4	9165	(-)	RNSNNGATAANNGN	TTCCTTATCTGCTG
		0.97518				
M00128	V\$GATA1_04	4	9165	(-)	NNCWGATARNNNN	TTCCTTATCTGCT
		0.90177				
M00075	V\$GATA1_01	7	9167	(-)	SNNGATNNNN	CCTTATCTGC
		0.92151				
M00076	V\$GATA2_01	6	9167	(-)	NNNGATRNNN	CCTTATCTGC
		0.94860				
M00077	V\$GATA3_01	4	9167	(-)	NNGATARNG	CCTTATCTG
		0.81190				
M00076	V\$GATA2_01	8	9253	(+)	NNNGATRNNN	AGACATAGTG
		0.84406				
M00126	V\$GATA1_02	3	9287	(-)	NNNNNGATANKGNN	GCTAGTATCAGAAA
		0.82996				
M00128	V\$GATA1_04	3	9287	(-)	NNCWGATARNNNN	GCTAGTATCAGAA
		0.84649				
M00075	V\$GATA1_01	6	9289	(-)	SNNGATNNNN	TAGTATCAGA
		0.87280				
M00076	V\$GATA2_01	1	9289	(-)	NNNGATRNNN	TAGTATCAGA
		0.83168				
M00075	V\$GATA1_01	8	9298	(-)	SNNGATNNNN	AAACATCATT
		0.82228				
M00076	V\$GATA2_01	2	9298	(-)	NNNGATRNNN	AAACATCATT
		0.78430				
M00075	V\$GATA1_01	4	9313	(-)	SNNGATNNNN	CCTCATCCAA
		0.80333				
M00076	V\$GATA2_01	8	9313	(-)	NNNGATRNNN	CCTCATCCAA

M00077	V\$GATA3_01	0.83119 2	9313	(-)	NNGATARNG	CCTCATCCA
M00075	V\$GATA1_01	0.83711 7	9341	(-)	SNNGATNNNN	AAAAATCAGA
M00076	V\$GATA2_01	0.82679 3	9341	(-)	NNNGATRNNN	AAAAATCAGA
M00126	V\$GATA1_02	0.77312 5	9357	(+)	NNNNNGATANKGN	ATGGTGCTAGTGGT
M00127	V\$GATA1_03	0.81381 7	9357	(+)	RNSNNGATAANNGN	ATGGTGCTAGTGGT
M00075	V\$GATA1_01	0.81046 4	9359	(+)	SNNGATNNNN	GGTGCTAGTG
M00127	V\$GATA1_03	0.81136 7	9402	(+)	RNSNNGATAANNGN	GGCTTGATCACTGG
M00075	V\$GATA1_01	0.79516 3	9404	(+)	SNNGATNNNN	CTTGATCACT
M00075	V\$GATA1_01	0.83070 1	9421	(+)	SNNGATNNNN	GAAGATCCCC
M00075	V\$GATA1_01	0.83366 2	9421	(-)	SNNGATNNNN	GAAGATCCCC
M00076	V\$GATA2_01	0.87099 7	9421	(+)	NNNGATRNNN	GAAGATCCCC
M00076	V\$GATA2_01	0.86332 9	9421	(-)	NNNGATRNNN	GAAGATCCCC
M00076	V\$GATA2_01	0.82092 9	9438	(+)	NNNGATRNNN	GGGCATGGCA
M00076	V\$GATA2_01	0.78980 6	9438	(-)	NNNGATRNNN	GGGCATGGCA
M00127	V\$GATA1_03	0.79201 4	9498	(-)	RNSNNGATAANNGN	AGGGCTATATCCAT
M00203	V\$GATA_C	0.87635 9	9499	(-)	NGATAAGNMNN	GGGCTATATCC
M00075	V\$GATA1_01	0.80306 0.81867	9511	(-)	SNNGATNNNN	TAGGATCACA
M00076	V\$GATA2_01	4	9511	(+)	NNNGATRNNN	TAGGATCACA
M00076	V\$GATA2_01	0.8083 0.80552	9511	(-)	NNNGATRNNN	TAGGATCACA
M00075	V\$GATA1_01	8	9563	(-)	SNNGATNNNN	GCAAATCTGT
M00076	V\$GATA2_01	0.8083 0.84895	9563	(-)	NNNGATRNNN	GCAAATCTGT
M00128	V\$GATA1_04	8	9591	(+)	NNCWGATARNNNN	TTCTGATATAATG
M00075	V\$GATA1_01	0.78578 5	9592	(+)	SNNGATNNNN	TCTGATATAA
M00076	V\$GATA2_01	0.82138 0.78484	9592	(+)	NNNGATRNNN	TCTGATATAA
M00076	V\$GATA2_01	4	9655	(-)	NNNGATRNNN	AGTCATGTCC
M00075	V\$GATA1_01	0.80947 7	9699	(-)	SNNGATNNNN	GACCAACACC
M00076	V\$GATA2_01	0.78484 4	9723	(+)	NNNGATRNNN	GCTCATGTCC
M00075	V\$GATA1_01	0.84600 2	9737	(+)	SNNGATNNNN	AGTGATGCCA
M00076	V\$GATA2_01	0.83085 3	9737	(+)	NNNGATRNNN	AGTGATGCCA
M00075	V\$GATA1_01	0.79022 7	9742	(-)	SNNGATNNNN	TGCCATCCAA
M00076	V\$GATA2_01	0.82453 8	9742	(-)	NNNGATRNNN	TGCCATCCAA
M00075	V\$GATA1_01	0.82971 4	9755	(-)	SNNGATNNNN	TCTCATCCTC
M00076	V\$GATA2_01	0.85656 3	9755	(-)	NNNGATRNNN	TCTCATCCTC

M00077	V\$GATA3_01	0.82055 8	9755	(-)	NNGATARNG	TCTCATCCT
M00127	V\$GATA1_03	0.82753 6	9768	(-)	RNSNNGATAANNGN	CCTCTTCTCCTCTC
M00127	V\$GATA1_03	0.79715 8	9773	(-)	RNSNNGATAANNGN	TCTCCTCTCCTGCC
M00077	V\$GATA3_01	0.87328 3	9787	(-)	NNGATARNG	TTCAATCTT
M00075	V\$GATA1_01	0.77245 8	9796	(-)	SNNGATNNNN	TCCCAACATC
M00075	V\$GATA1_01	0.93287 3	9799	(-)	SNNGATNNNN	CAACATCAGG
M00076	V\$GATA2_01	0.88498 0.83415	9799	(-)	NNNGATRNNN	CAACATCAGG
M00075	V\$GATA1_01	6 0.80153	9819	(-)	SNNGATNNNN	ATGCATCAGT
M00076	V\$GATA2_01	4	9819	(-)	NNNGATRNNN	ATGCATCAGT
M00075	V\$GATA1_01	0.87463 0.81235	9832	(-)	SNNGATNNNN	TCAAATCAGG
M00076	V\$GATA2_01	9 0.82454	9832	(-)	NNNGATRNNN	TCAAATCAGG
M00077	V\$GATA3_01	6 0.82872	9832	(-)	NNGATARNG	TCAAATCAG
M00075	V\$GATA1_01	7 0.81326	9892	(+)	SNNGATNNNN	ACTGATTCT
M00076	V\$GATA2_01	1	9892	(+)	NNNGATRNNN	ACTGATTCT
M00075	V\$GATA1_01	0.78381 0.83716	9904	(+)	SNNGATNNNN	TAGGATTGAC
M00076	V\$GATA2_01	7 0.86672	9904	(+)	NNNGATRNNN	TAGGATTGAC
M00203	V\$GATA_C	9 0.89338	9922	(-)	NGATAAGNMNN	TATTTATATCT
M00128	V\$GATA1_04	2 0.83265	9923	(-)	NNCWGATARNNNN	ATTTATATCTGAC
M00076	V\$GATA2_01	7 0.84093	9925	(-)	NNNGATRNNN	TTATATCTGA
M00077	V\$GATA3_01	9 0.87857	9925	(-)	NNGATARNG	TTATATCTG
M00075	V\$GATA1_01	8 0.84212	10006	(+)	SNNGATNNNN	AATGATTGGG
M00076	V\$GATA2_01	9 0.92556	10006	(+)	NNNGATRNNN	AATGATTGGG
M00077	V\$GATA3_01	5 0.77739	10007	(+)	NNGATARNG	ATGATTGGG
M00075	V\$GATA1_01	4 0.81506	10053	(+)	SNNGATNNNN	TAAGATTATT
M00076	V\$GATA2_01	5 0.83296	10053	(+)	NNNGATRNNN	TAAGATTATT
M00077	V\$GATA3_01	4	10054	(+)	NNGATARNG	AAGATTATT
M00127	V\$GATA1_03	0.83072 0.82082	10087	(+)	RNSNNGATAANNGN	AAAGGGATACCATG
M00075	V\$GATA1_01	9	10089	(+)	SNNGATNNNN	AGGGATACCA
M00076	V\$GATA2_01	0.88498	10089	(+)	NNNGATRNNN	AGGGATACCA
M00126	V\$GATA1_02	0.8075 0.87604	10095	(+)	NNNNNGATANKGNN	ACCATGATAGATGG
M00127	V\$GATA1_03	1 0.82751	10095	(+)	RNSNNGATAANNGN	ACCATGATAGATGG
M00128	V\$GATA1_04	2 0.90819	10096	(+)	NNCWGATARNNNN	CCATGATAGATGG
M00075	V\$GATA1_01	3	10097	(+)	SNNGATNNNN	CATGATAGAT
M00076	V\$GATA2_01	0.88858	10097	(+)	NNNGATRNNN	CATGATAGAT

		8				
		0.85157				
M00077	V\$GATA3_01	3	10098	(+)	NNGATARNG	ATGATAGAT
		0.78627				
M00075	V\$GATA1_01	8	10101	(+)	SNNGATNNNN	ATAGATGGTA
		0.84891				
M00077	V\$GATA3_01	4	10102	(+)	NNGATARNG	TAGATGGTA
		0.82082				
M00075	V\$GATA1_01	9	10106	(-)	SNNGATNNNN	TGGTATCCAC
		0.84212				
M00076	V\$GATA2_01	9	10106	(-)	NNNGATRNNN	TGGTATCCAC
		0.79861				
M00075	V\$GATA1_01	8	10181	(-)	SNNGATNNNN	CCCCAGCTGG
		0.77591				
M00075	V\$GATA1_01	3	10267	(-)	SNNGATNNNN	CTACATCAAA
		0.85389				
M00075	V\$GATA1_01	9	10272	(-)	SNNGATNNNN	TCAAATCATG
M00076	V\$GATA2_01	0.80424	10272	(-)	NNNGATRNNN	TCAAATCATG
		0.83030				
M00077	V\$GATA3_01	6	10272	(-)	NNGATARNG	TCAAATCAT
		0.77196				
M00075	V\$GATA1_01	4	10278	(+)	SNNGATNNNN	CATGTTAGAG
		0.78973				
M00075	V\$GATA1_01	3	10295	(+)	SNNGATNNNN	AATGATTCAT
		0.80181				
M00127	V\$GATA1_03	3	10325	(-)	RNSNNGATAANNGN	GTATTATTTTCCC
		0.83958				
M00075	V\$GATA1_01	5	10337	(-)	SNNGATNNNN	CCAAATCCAG
		0.79115				
M00076	V\$GATA2_01	9	10337	(-)	NNNGATRNNN	CCAAATCCAG
		0.88696				
M00075	V\$GATA1_01	9	10355	(+)	SNNGATNNNN	GGTGATTCCA
		0.84167				
M00076	V\$GATA2_01	8	10355	(+)	NNNGATRNNN	GGTGATTCCA
		0.81957				
M00076	V\$GATA2_01	6	10366	(-)	NNNGATRNNN	ACCTATGCCT
		0.78833				
M00127	V\$GATA1_03	9	10386	(+)	RNSNNGATAANNGN	GCACAGATCATTGC
		0.79269				
M00075	V\$GATA1_01	5	10388	(-)	SNNGATNNNN	ACAGATCATT
		0.79070				
M00076	V\$GATA2_01	8	10388	(+)	NNNGATRNNN	ACAGATCATT
		0.79251				
M00076	V\$GATA2_01	2	10388	(-)	NNNGATRNNN	ACAGATCATT
		0.91905				
M00075	V\$GATA1_01	2	10442	(-)	SNNGATNNNN	AGGAATCAGG
		0.86603				
M00076	V\$GATA2_01	5	10442	(-)	NNNGATRNNN	AGGAATCAGG
		0.81342				
M00075	V\$GATA1_01	5	10449	(-)	SNNGATNNNN	AGGGATCCCA
		0.82047				
M00076	V\$GATA2_01	8	10449	(+)	NNNGATRNNN	AGGGATCCCA
		0.88272				
M00076	V\$GATA2_01	4	10449	(-)	NNNGATRNNN	AGGGATCCCA
		0.84402				
M00075	V\$GATA1_01	8	10506	(+)	SNNGATNNNN	GTTGATTGAT
M00076	V\$GATA2_01	0.78304	10510	(-)	NNNGATRNNN	ATTGATCTCA
		0.89406				
M00203	V\$GATA_C	6	10542	(-)	NGATAAGNMNN	TATAGTTATCT
		0.79812				
M00126	V\$GATA1_02	5	10543	(-)	NNNNNGATANKGN	ATAGTTATCTTCAC
		0.92087				
M00127	V\$GATA1_03	2	10543	(-)	RNSNNGATAANNGN	ATAGTTATCTTCAC

M00128	V\$GATA1_04	0.90042 9	10543	(-)	NNCWGATARNNNN	ATAGTTATCTTCA
M00075	V\$GATA1_01	0.85735 4	10545	(-)	SNNGATNNNN	AGTTATCTTC
M00076	V\$GATA2_01	0.91294 5	10545	(-)	NNNGATRNNN	AGTTATCTTC
M00077	V\$GATA3_01	0.85068 7	10545	(-)	NNGATARNG	AGTTATCTT
M00075	V\$GATA1_01	0.81589 3	10645	(-)	SNNGATNNNN	AAAAATCTCT
M00076	V\$GATA2_01	0.80559 3	10645	(-)	NNNGATRNNN	AAAAATCTCT
M00127	V\$GATA1_03	0.79470 8	10659	(-)	RNSNNGATAANNGN	CCCCTAATCCCTAG
M00075	V\$GATA1_01	0.81688 1	10661	(-)	SNNGATNNNN	CCTAATCCCT
M00076	V\$GATA2_01	0.82453 8	10661	(-)	NNNGATRNNN	CCTAATCCCT
M00077	V\$GATA3_01	0.89277 8	10661	(-)	NNGATARNG	CCTAATCCC
M00127	V\$GATA1_03	0.81014 2	10684	(-)	RNSNNGATAANNGN	TTTGCTATGTTTAT
M00076	V\$GATA2_01	0.82679 3	10686	(-)	NNNGATRNNN	TGCTATGTTC
M00077	V\$GATA3_01	0.83872 4	10728	(-)	NNGATARNG	TTTAATCAC
M00126	V\$GATA1_02	0.87656 3	10733	(+)	NNNNNGATANKGNN	TCACAGATAAGCTG
M00127	V\$GATA1_03	0.79617 8	10733	(+)	RNSNNGATAANNGN	TCACAGATAAGCTG
M00128	V\$GATA1_04	0.85018 4	10734	(+)	NNCWGATARNNNN	CACAGATAAGCTG
M00075	V\$GATA1_01	0.81095 8	10735	(+)	SNNGATNNNN	ACAGATAAGC
M00076	V\$GATA2_01	0.85791 6	10735	(+)	NNNGATRNNN	ACAGATAAGC
M00077	V\$GATA3_01	0.88170 1	10736	(+)	NNGATARNG	CAGATAAGC
M00203	V\$GATA_C	0.87325 3	10737	(+)	NGATAAGNMNN	AGATAAGCTGT
M00075	V\$GATA1_01	0.88104 6	10745	(+)	SNNGATNNNN	TGTGATGTGT
M00076	V\$GATA2_01	0.86919 3	10745	(+)	NNNGATRNNN	TGTGATGTGT
M00203	V\$GATA_C	0.90742 5	10767	(-)	NGATAAGNMNN	CATTTTATCT
M00126	V\$GATA1_02	0.83906 2	10768	(-)	NNNNNGATANKGNN	ATTTTATCTTGAA
M00127	V\$GATA1_03	0.79862 8	10768	(-)	RNSNNGATAANNGN	ATTTTATCTTGAA
M00128	V\$GATA1_04	0.91237 7	10768	(-)	NNCWGATARNNNN	ATTTTATCTTGA
M00075	V\$GATA1_01	0.78677 2	10770	(-)	SNNGATNNNN	TTTTATCTTG
M00076	V\$GATA2_01	0.81867 4	10770	(-)	NNNGATRNNN	TTTTATCTTG
M00077	V\$GATA3_01	0.8786 0.81985	10770	(-)	NNGATARNG	TTTTATCTT
M00128	V\$GATA1_04	3	10856	(+)	NNCWGATARNNNN	GTGAGATATATTT
M00075	V\$GATA1_01	0.80849 0.86242	10857	(+)	SNNGATNNNN	TGAGATATAT
M00076	V\$GATA2_01	7 0.83207	10857	(+)	NNNGATRNNN	TGAGATATAT
M00077	V\$GATA3_01	8	10858	(+)	NNGATARNG	GAGATATAT

		0.81688				
M00075	V\$GATA1_01	1	10898	(+)	SNNGATNNNN	TAAGATGTGC
		0.86874				
M00076	V\$GATA2_01	2	10898	(+)	NNNGATRNNN	TAAGATGTGC
		0.83562				
M00126	V\$GATA1_02	5	10926	(-)	NNNNNGATANKGNN	TAAACTATCTGCTG
M00127	V\$GATA1_03	0.83317	10926	(-)	RNSNNGATAANNGN	TAAACTATCTGCTG
M00128	V\$GATA1_04	0.85815	10926	(-)	NNCWGATARNNNN	TAAACTATCTGCT
		0.94323				
M00075	V\$GATA1_01	8	10928	(-)	SNNGATNNNN	AACTATCTGC
		0.95354				
M00076	V\$GATA2_01	1	10928	(-)	NNNGATRNNN	AACTATCTGC
		0.88923				
M00077	V\$GATA3_01	3	10928	(-)	NNGATARNG	AACTATCTG
		0.84031				
M00126	V\$GATA1_02	3	10934	(+)	NNNNNGATANKGNN	CTGCTGATAGTATG
		0.86501				
M00127	V\$GATA1_03	7	10934	(+)	RNSNNGATAANNGN	CTGCTGATAGTATG
		0.85937				
M00128	V\$GATA1_04	5	10935	(+)	NNCWGATARNNNN	TGCTGATAGTATG
M00075	V\$GATA1_01	0.92843	10936	(+)	SNNGATNNNN	GCTGATAGTA
		0.91249				
M00076	V\$GATA2_01	4	10936	(+)	NNNGATRNNN	GCTGATAGTA
		0.89765				
M00077	V\$GATA3_01	2	10937	(+)	NNGATARNG	CTGATAGTA
		0.80656				
M00126	V\$GATA1_02	2	10943	(+)	NNNNNGATANKGNN	GTATGGATAGATCA
		0.78172				
M00127	V\$GATA1_03	5	10943	(+)	RNSNNGATAANNGN	GTATGGATAGATCA
		0.77788				
M00075	V\$GATA1_01	7	10945	(+)	SNNGATNNNN	ATGGATAGAT
		0.79115				
M00076	V\$GATA2_01	9	10945	(+)	NNNGATRNNN	ATGGATAGAT
		0.89189				
M00203	V\$GATA_C	2	10947	(+)	NGATAAGNMNN	GGATAGATCAA
		0.85937				
M00126	V\$GATA1_02	5	10958	(-)	NNNNNGATANKGNN	AAAAGTATCTATTA
M00075	V\$GATA1_01	0.79615	10960	(-)	SNNGATNNNN	AAGTATCTAT
M00076	V\$GATA2_01	0.79161	10960	(-)	NNNGATRNNN	AAGTATCTAT
		0.87413				
M00075	V\$GATA1_01	6	10973	(-)	SNNGATNNNN	CACAATCCAG
M00076	V\$GATA2_01	0.82138	10973	(-)	NNNGATRNNN	CACAATCCAG
		0.85866				
M00077	V\$GATA3_01	2	10973	(-)	NNGATARNG	CACAATCCA
		0.78134				
M00075	V\$GATA1_01	3	10993	(-)	SNNGATNNNN	TAGCATCAAT
		0.79022				
M00075	V\$GATA1_01	7	10997	(-)	SNNGATNNNN	ATCAATCCTT
M00076	V\$GATA2_01	0.8083	10997	(-)	NNNGATRNNN	ATCAATCCTT
		0.84649				
M00075	V\$GATA1_01	6	11009	(-)	SNNGATNNNN	GAGTATCATA
		0.89084				
M00076	V\$GATA2_01	3	11009	(-)	NNNGATRNNN	GAGTATCATA
		0.81190				
M00076	V\$GATA2_01	8	11012	(+)	NNNGATRNNN	TATCATAGTT
		0.83514				
M00075	V\$GATA1_01	3	11069	(+)	SNNGATNNNN	CTTGATTAGT
M00203	V\$GATA_C	0.83908	11090	(+)	NGATAAGNMNN	GGAGAAGGACT
		0.90866				
M00203	V\$GATA_C	7	11095	(-)	NGATAAGNMNN	AGGACTTGCT

M00203	V\$GATA_C	0.86206 9	11257	(-)	NGATAAGNMNN	TAGATATATCA
M00126	V\$GATA1_02	0.7825 0.86090	11258	(-)	NNNNNGATANKGNN	AGATATATCAGTAC
M00128	V\$GATA1_04	7 0.84436	11258	(-)	NNCWGATARNNNN	AGATATATCAGTA
M00203	V\$GATA_C	2 0.81293	11258	(+)	NGATAAGNMNN	AGATATATCAG
M00075	V\$GATA1_01	2 0.81867	11260	(-)	SNNGATNNNN	ATATATCAGT
M00076	V\$GATA2_01	4 0.79911	11260	(-)	NNNGATRNNN	ATATATCAGT
M00075	V\$GATA1_01	2 0.86043	11272	(-)	SNNGATNNNN	CTCAATCAAA
M00077	V\$GATA3_01	4 0.85896	11272	(-)	NNGATARNG	CTCAATCAA
M00203	V\$GATA_C	2 0.84031	11278	(-)	NGATAAGNMNN	CAAATTTATCA
M00126	V\$GATA1_02	3 0.82141	11279	(-)	NNNNNGATANKGNN	AAATTTATCATTAC
M00127	V\$GATA1_03	1	11279	(-)	RNSNNGATAANNGN	AAATTTATCATTAC
M00128	V\$GATA1_04	0.85815 0.77393	11279	(-)	NNCWGATARNNNN	AAATTTATCATTA
M00075	V\$GATA1_01	9	11281	(-)	SNNGATNNNN	ATTTATCATT
M00076	V\$GATA2_01	0.79567 0.82321	11281	(-)	NNNGATRNNN	ATTTATCATT
M00077	V\$GATA3_01	7 0.83224	11281	(-)	NNGATARNG	ATTTATCAT
M00203	V\$GATA_C	6	11288	(-)	NGATAAGNMNN	ATTACTAATCT
M00077	V\$GATA3_01	0.82942 0.81906	11291	(-)	NNGATARNG	ACTAATCTA
M00126	V\$GATA1_02	3 0.84313	11334	(+)	NNNNNGATANKGNN	GTTATGATATGATT
M00128	V\$GATA1_04	7 0.81688	11335	(+)	NNCWGATARNNNN	TTATGATATGATT
M00075	V\$GATA1_01	1	11336	(+)	SNNGATNNNN	TATGATATGA
M00076	V\$GATA2_01	0.85972 0.86397	11336	(+)	NNNGATRNNN	TATGATATGA
M00077	V\$GATA3_01	9 0.84311	11337	(+)	NNGATARNG	ATGATATGA
M00203	V\$GATA_C	9 0.81740	11338	(+)	NGATAAGNMNN	TGATATGATTA
M00128	V\$GATA1_04	2 0.82181	11340	(+)	NNCWGATARNNNN	ATATGATTAGGCC
M00075	V\$GATA1_01	6 0.82318	11341	(+)	SNNGATNNNN	TATGATTAGG
M00076	V\$GATA2_01	4 0.89720	11341	(+)	NNNGATRNNN	TATGATTAGG
M00077	V\$GATA3_01	9 0.79431	11342	(+)	NNGATARNG	ATGATTAGG
M00076	V\$GATA2_01	7 0.84754	11351	(-)	NNNGATRNNN	CCGTAACCTC
M00076	V\$GATA2_01	2 0.80469	11387	(+)	NNNGATRNNN	GCTCATAGTG
M00076	V\$GATA2_01	1 0.80700	11419	(+)	NNNGATRNNN	GCTCATAGTA
M00075	V\$GATA1_01	9 0.78484	11447	(+)	SNNGATNNNN	ATAGATGGTC
M00076	V\$GATA2_01	4 0.79386	11447	(+)	NNNGATRNNN	ATAGATGGTC
M00076	V\$GATA2_01	6	11466	(+)	NNNGATRNNN	TAGCATAGAC

M00127	V\$GATA1_03	0.81136 7	11505	(-)	RNSNNGATAANNGN	TCTGTTATTCACAC
M00126	V\$GATA1_02	0.78906 2	11536	(+)	NNNNNGATANKGNN	ACTAAGATAAAGAG
M00127	V\$GATA1_03	0.81528 7	11536	(+)	RNSNNGATAANNGN	ACTAAGATAAAGAG
M00128	V\$GATA1_04	0.87622 5	11537	(+)	NNCWGATARNNNN	CTAAGATAAAGAG
M00075	V\$GATA1_01	0.77295 2	11538	(+)	SNNGATNNNN	TAAGATAAAG
M00076	V\$GATA2_01	0.85250 3	11538	(+)	NNNGATRNNN	TAAGATAAAG
M00077	V\$GATA3_01	0.91360 2	11539	(+)	NNGATARNG	AAGATAAAG
M00203	V\$GATA_C	0.89593 0.78825	11540	(+)	NGATAAGNMNN	AGATAAAGAGA
M00075	V\$GATA1_01	0.78825 3	11546	(+)	SNNGATNNNN	AGAGATCTCT
M00075	V\$GATA1_01	0.78825 3	11546	(-)	SNNGATNNNN	AGAGATCTCT
M00076	V\$GATA2_01	0.82453 8	11546	(+)	NNNGATRNNN	AGAGATCTCT
M00076	V\$GATA2_01	0.82453 8	11546	(-)	NNNGATRNNN	AGAGATCTCT
M00128	V\$GATA1_04	0.82628 7	11578	(+)	NNCWGATARNNNN	ACCATATAAGACT
M00075	V\$GATA1_01	0.79220 1	11596	(-)	SNNGATNNNN	CTAAATCTAG
M00077	V\$GATA3_01	0.82366 0.80454	11596	(-)	NNGATARNG	CTAAATCTA
M00075	V\$GATA1_01	0.89084 1	11605	(-)	SNNGATNNNN	GAATATCTTA
M00076	V\$GATA2_01	0.83473 3	11605	(-)	NNNGATRNNN	GAATATCTTA
M00077	V\$GATA3_01	0.86343 6	11605	(-)	NNGATARNG	GAATATCTT
M00126	V\$GATA1_02	0.86343 8	11710	(+)	NNNNNGATANKGNN	TATTTGATAATGTT
M00128	V\$GATA1_04	0.84038 0.79713	11711	(+)	NNCWGATARNNNN	ATTTGATAATGTT
M00075	V\$GATA1_01	0.79972 7	11712	(+)	SNNGATNNNN	TTTGATAATG
M00076	V\$GATA2_01	0.88568 9	11712	(+)	NNNGATRNNN	TTTGATAATG
M00077	V\$GATA3_01	0.85523 9	11713	(+)	NNGATARNG	TTGATAATG
M00203	V\$GATA_C	0.84718 5	11714	(+)	NGATAAGNMNN	TGATAATGTTT
M00126	V\$GATA1_02	0.88817 7	11738	(+)	NNNNNGATANKGNN	TAAAAGATAAAATG
M00128	V\$GATA1_04	0.8786 4	11739	(+)	NNCWGATARNNNN	AAAAGATAAAATG
M00077	V\$GATA3_01	0.85616 9	11741	(+)	NNGATARNG	AAGATAAAA
M00203	V\$GATA_C	0.77887 7	11742	(+)	NGATAAGNMNN	AGATAAAATGT
M00075	V\$GATA1_01	0.79318 5	11758	(+)	SNNGATNNNN	AGTGATTAAT
M00075	V\$GATA1_01	0.80181 9	11804	(+)	SNNGATNNNN	GTGGATTATT
M00127	V\$GATA1_03	0.79062 3	11805	(-)	RNSNNGATAANNGN	TGGATTATTTCCC
M00126	V\$GATA1_02	0.83088 5	11817	(+)	NNNNNGATANKGNN	CCCCAGATATGAAA
M00128	V\$GATA1_04	2	11818	(+)	NNCWGATARNNNN	CCCAGATATGAAA

		0.87759				
M00075	V\$GATA1_01	1	11819	(+)	SNNGATNNNN	CCAGATATGA
		0.88813				
M00076	V\$GATA2_01	7	11819	(+)	NNNGATRNNN	CCAGATATGA
		0.88170				
M00077	V\$GATA3_01	1	11820	(+)	NNGATARNG	CAGATATGA
M00203	V\$GATA_C	0.89096	11821	(+)	NGATAAGNMNN	AGATATGAAAC
		0.77245				
M00075	V\$GATA1_01	8	11834	(+)	SNNGATNNNN	ATAGATTCTT
		0.94066				
M00203	V\$GATA_C	5	11838	(-)	NGATAAGNMNN	ATTCTTTATCC
M00126	V\$GATA1_02	0.78375	11839	(-)	NNNNNGATANKGNN	TTCTTTATCCTTCC
		0.86550				
M00127	V\$GATA1_03	7	11839	(-)	RNSNNGATAANNGN	TTCTTTATCCTTCC
		0.84160				
M00128	V\$GATA1_04	5	11839	(-)	NNCWGATARNNNN	TTCTTTATCCTTC
		0.83446				
M00076	V\$GATA2_01	1	11841	(-)	NNNGATRNNN	CTTTATCCTT
		0.86840				
M00077	V\$GATA3_01	9	11841	(-)	NNGATARNG	CTTTATCCT
		0.82435				
M00127	V\$GATA1_03	1	11953	(-)	RNSNNGATAANNGN	ATACTAATCTTCAT
		0.84600				
M00075	V\$GATA1_01	2	11955	(-)	SNNGATNNNN	ACTAATCTTC
		0.83581				
M00076	V\$GATA2_01	4	11955	(-)	NNNGATRNNN	ACTAATCTTC
		0.85378				
M00077	V\$GATA3_01	8	11955	(-)	NNGATARNG	ACTAATCTT
		0.82055				
M00077	V\$GATA3_01	8	11966	(+)	NNGATARNG	TAGATGATA
		0.82230				
M00128	V\$GATA1_04	4	11967	(+)	NNCWGATARNNNN	AGATGATATATTC
		0.85686				
M00075	V\$GATA1_01	1	11968	(+)	SNNGATNNNN	GATGATATAT
		0.85746				
M00076	V\$GATA2_01	5	11968	(+)	NNNGATRNNN	GATGATATAT
		0.84094				
M00203	V\$GATA_C	4	11970	(+)	NGATAAGNMNN	TGATATATTCT
		0.78578				
M00075	V\$GATA1_01	5	12003	(-)	SNNGATNNNN	TTACATCAGA
		0.79296				
M00076	V\$GATA2_01	3	12003	(-)	NNNGATRNNN	TTACATCAGA
		0.80132				
M00127	V\$GATA1_03	3	12009	(+)	RNSNNGATAANNGN	CAGAAGATATCTAG
M00128	V\$GATA1_04	0.86152	12010	(+)	NNCWGATARNNNN	AGAAGATATCTAG
		0.87561				
M00075	V\$GATA1_01	7	12011	(+)	SNNGATNNNN	GAAGATATCT
M00076	V\$GATA2_01	0.92783	12011	(+)	NNNGATRNNN	GAAGATATCT
		0.84402				
M00075	V\$GATA1_01	8	12013	(-)	SNNGATNNNN	AGATATCTAG
		0.84077				
M00076	V\$GATA2_01	6	12013	(-)	NNNGATRNNN	AGATATCTAG
		0.78270				
M00127	V\$GATA1_03	5	12017	(+)	RNSNNGATAANNGN	ATCTAGGTAACCTA
		0.80108				
M00076	V\$GATA2_01	3	12031	(+)	NNNGATRNNN	GAACATATTT
		0.85562				
M00126	V\$GATA1_02	5	12119	(+)	NNNNNGATANKGNN	ATAATGATAATATG
		0.88853				
M00127	V\$GATA1_03	5	12119	(+)	RNSNNGATAANNGN	ATAATGATAATATG
		0.84528				
M00128	V\$GATA1_04	2	12120	(+)	NNCWGATARNNNN	TAATGATAATATG

M00075	V\$GATA1_01	0.77788 7	12121	(+)	SNNGATNNNN	AATGATAATA
M00076	V\$GATA2_01	0.80604 4	12121	(+)	NNNGATRNNN	AATGATAATA
M00077	V\$GATA3_01	0.87505 5	12122	(+)	NNGATARNG	ATGATAATA
M00075	V\$GATA1_01	0.77245 8	12191	(-)	SNNGATNNNN	TCCTCTCAGG
M00127	V\$GATA1_03	0.79152 4	12237	(-)	RNSNNGATAANNGN	GTAGTAATCAATCT
M00075	V\$GATA1_01	0.82379 1	12243	(-)	SNNGATNNNN	ATCAATCTGA
M00076	V\$GATA2_01	0.83446 1	12243	(-)	NNNGATRNNN	ATCAATCTGA
M00077	V\$GATA3_01	0.83562 3	12243	(-)	NNGATARNG	ATCAATCTG
M00128	V\$GATA1_04	0.81066 2	12247	(+)	NNCWGATARNNNN	ATCTGAGAAAGGA
M00075	V\$GATA1_01	0.78479 8	12306	(-)	SNNGATNNNN	CAGTCTCACC
M00075	V\$GATA1_01	0.78479 8	12319	(-)	SNNGATNNNN	CAGCAGCACC
M00076	V\$GATA2_01	0.7871	12366	(-)	NNNGATRNNN	GGTTATGTTA
M00076	V\$GATA2_01	0.7871	12384	(-)	NNNGATRNNN	GGTTATGTTA
M00128	V\$GATA1_04	0.8125 0.87542	12397	(-)	NNCWGATARNNNN	TCTCTTTTCAGGT
M00203	V\$GATA_C	7 0.78156	12418	(-)	NGATAAGNMNN	ATTTTATATCT
M00126	V\$GATA1_02	3 0.84252	12419	(-)	NNNNNGATANKGNN	TTTTATATCTTTAT
M00128	V\$GATA1_04	5 0.79206	12419	(-)	NNCWGATARNNNN	TTTTATATCTTTA
M00076	V\$GATA2_01	1 0.84669	12421	(-)	NNNGATRNNN	TTATATCTTT
M00077	V\$GATA3_01	9 0.80181	12421	(-)	NNGATARNG	TTATATCTT
M00127	V\$GATA1_03	3 0.85389	12425	(-)	RNSNNGATAANNGN	ATCTTTATGTCCAT
M00075	V\$GATA1_01	9	12436	(+)	SNNGATNNNN	CATGATTGA
M00076	V\$GATA2_01	0.80424 0.83030	12436	(+)	NNNGATRNNN	CATGATTGA
M00077	V\$GATA3_01	6 0.80157	12437	(+)	NNGATARNG	ATGATTGA
M00075	V\$GATA1_01	9 0.79152	12441	(+)	SNNGATNNNN	TTTGATTCTT
M00127	V\$GATA1_03	4 0.80063	12483	(-)	RNSNNGATAANNGN	ATAATTATGCTCTT
M00076	V\$GATA2_01	1 0.84106	12485	(-)	NNNGATRNNN	AATTATGCTC
M00075	V\$GATA1_01	6 0.81235	12512	(+)	SNNGATNNNN	GGAGATTTAT
M00076	V\$GATA2_01	9 0.83535	12512	(+)	NNNGATRNNN	GGAGATTTAT
M00203	V\$GATA_C	3 0.84437	12545	(-)	NGATAAGNMNN	AGAAACTATCT
M00126	V\$GATA1_02	5 0.84884	12546	(-)	NNNNNGATANKGNN	GAAACTATCTGGAG
M00127	V\$GATA1_03	9 0.85784	12546	(-)	RNSNNGATAANNGN	GAAACTATCTGGAG
M00128	V\$GATA1_04	3	12546	(-)	NNCWGATARNNNN	GAAACTATCTGGA
M00075	V\$GATA1_01	0.94768	12548	(-)	SNNGATNNNN	AACTATCTGG

M00076	V\$GATA2_01	0.94812 8	12548	(-)	NNNGATRNNN	AACTATCTGG
M00077	V\$GATA3_01	0.88923 3	12548	(-)	NNGATARNG	AACTATCTG
M00126	V\$GATA1_02	0.86156 3	12556	(+)	NNNNNGATANKGNN	GGAGAGATAGTAAA
M00127	V\$GATA1_03	0.87677 6	12556	(+)	RNSNNGATAANNGN	GGAGAGATAGTAAA
M00128	V\$GATA1_04	0.85661 8	12557	(+)	NNCWGATARNNNN	GAGAGATAGTAAA
M00075	V\$GATA1_01	0.85093 8	12558	(+)	SNNGATNNNN	AGAGATAGTA
M00076	V\$GATA2_01	0.87686 1	12558	(+)	NNNGATRNNN	AGAGATAGTA
M00077	V\$GATA3_01	0.94417 4	12559	(+)	NNGATARNG	GAGATAGTA
M00203	V\$GATA_C	0.85865 2	12560	(+)	NGATAAGNMNN	AGATAGTAAAT
M00127	V\$GATA1_03	0.78466 4	12588	(-)	RNSNNGATAANNGN	TTTCTGATCTGTTT
M00128	V\$GATA1_04	0.81617 6	12588	(-)	NNCWGATARNNNN	TTTCTGATCTGTT
M00075	V\$GATA1_01	0.82181 6	12590	(+)	SNNGATNNNN	TCTGATCTGT
M00076	V\$GATA2_01	0.83310 8	12590	(+)	NNNGATRNNN	TCTGATCTGT
M00127	V\$GATA1_03	0.78197 0.80355	12604	(-)	RNSNNGATAANNGN	CCTCCATCTGTAT
M00075	V\$GATA1_01	4	12606	(-)	SNNGATNNNN	TTCCATCTGT
M00076	V\$GATA2_01	0.8083 0.84758	12606	(-)	NNNGATRNNN	TTCCATCTGT
M00077	V\$GATA3_01	5	12606	(-)	NNGATARNG	TTCCATCTG
M00203	V\$GATA_C	0.95588 7	12620	(-)	NGATAAGNMNN	TGTTTTATCT
M00126	V\$GATA1_02	0.82062 5	12621	(-)	NNNNNGATANKGNN	GTTTTTATCTATAT
M00127	V\$GATA1_03	0.88216 6	12621	(-)	RNSNNGATAANNGN	GTTTTTATCTATAT
M00128	V\$GATA1_04	0.87561 3	12621	(-)	NNCWGATARNNNN	GTTTTTATCTATA
M00077	V\$GATA3_01	0.85423 1	12623	(-)	NNGATARNG	TTTTATCTA
M00127	V\$GATA1_03	0.81430 7	12627	(+)	RNSNNGATAANNGN	ATCTATATAATAGA
M00075	V\$GATA1_01	0.84995 1	12642	(+)	SNNGATNNNN	ACTGATTCTT
M00076	V\$GATA2_01	0.80559 3	12642	(+)	NNNGATRNNN	ACTGATTCTT
M00075	V\$GATA1_01	0.80157 9	12695	(+)	SNNGATNNNN	TCTGATTCA
M00076	V\$GATA2_01	0.81596 8	12695	(+)	NNNGATRNNN	TCTGATTCA
M00127	V\$GATA1_03	0.83072 0.85656	12710	(+)	RNSNNGATAANNGN	AAGGTGACAACCAG
M00126	V\$GATA1_02	3	12718	(+)	NNNNNGATANKGNN	AACCAGATACTGTG
M00127	V\$GATA1_03	0.84982 9	12718	(+)	RNSNNGATAANNGN	AACCAGATACTGTG
M00128	V\$GATA1_04	0.81556 4	12719	(+)	NNCWGATARNNNN	ACCAGATACTGTG
M00075	V\$GATA1_01	0.93336 6	12720	(+)	SNNGATNNNN	CCAGATACTG
M00076	V\$GATA2_01	0.93594 9	12720	(+)	NNNGATRNNN	CCAGATACTG

M00077	V\$GATA3_01	0.87682 8	12721	(+)	NNGATARNG	CAGATACTG
M00076	V\$GATA2_01	0.80920 2	12732	(-)	NNNGATRNNN	AAATATGTGC
M00075	V\$GATA1_01	0.85834 2	12754	(+)	SNNGATNNNN	TCTGATTCTT
M00076	V\$GATA2_01	0.85701 4	12754	(+)	NNNGATRNNN	TCTGATTCTT
M00203	V\$GATA_C	0.90680 3	12757	(-)	NGATAAGNMNN	GATTCTATCA
M00126	V\$GATA1_02	0.83687 5	12758	(-)	NNNNNGATANKGNN	ATTCCTATCAAAAAG
M00128	V\$GATA1_04	0.88449 8	12758	(-)	NNCWGATARNNNN	ATTCCTATCAAAA
M00075	V\$GATA1_01	0.82773 9	12760	(-)	SNNGATNNNN	TCCTATCAAA
M00076	V\$GATA2_01	0.81461 4	12760	(-)	NNNGATRNNN	TCCTATCAAA
M00077	V\$GATA3_01	0.89986 7	12760	(-)	NNGATARNG	TCCTATCAA
M00076	V\$GATA2_01	0.86468 2	12770	(-)	NNNGATRNNN	AGCTATGCCA
M00075	V\$GATA1_01	0.80849	12782	(-)	SNNGATNNNN	TTCAATCACT
M00077	V\$GATA3_01	0.86708 0.85958	12782	(-)	NNGATARNG	TTCAATCAC
M00203	V\$GATA_C	4	12849	(-)	NGATAAGNMNN	AAATATTATCT
M00126	V\$GATA1_02	0.87125 0.88216	12850	(-)	NNNNNGATANKGNN	AATATTATCTAGAT
M00127	V\$GATA1_03	6 0.81525	12850	(-)	RNSNNGATAANNGN	AATATTATCTAGAT
M00128	V\$GATA1_04	7 0.79022	12850	(-)	NNCWGATARNNNN	AATATTATCTAGA
M00075	V\$GATA1_01	7 0.87416	12852	(-)	SNNGATNNNN	TATTATCTAG
M00077	V\$GATA3_01	9 0.90187	12852	(-)	NNGATARNG	TATTATCTA
M00126	V\$GATA1_02	5 0.88216	12856	(+)	NNNNNGATANKGNN	ATCTAGATAATGCA
M00127	V\$GATA1_03	6 0.84957	12856	(+)	RNSNNGATAANNGN	ATCTAGATAATGCA
M00128	V\$GATA1_04	1 0.83711	12857	(+)	NNCWGATARNNNN	TCTAGATAATGCA
M00075	V\$GATA1_01	7 0.82002	12858	(+)	SNNGATNNNN	CTAGATAATG
M00076	V\$GATA2_01	7 0.90917	12858	(+)	NNNGATRNNN	CTAGATAATG
M00077	V\$GATA3_01	1 0.90711	12859	(+)	NNGATARNG	TAGATAATG
M00203	V\$GATA_C	4 0.84945	12860	(+)	NGATAAGNMNN	AGATAATGCAA
M00075	V\$GATA1_01	7 0.81194	12896	(+)	SNNGATNNNN	CCAGATCTCT
M00075	V\$GATA1_01	5 0.86603	12896	(-)	SNNGATNNNN	CCAGATCTCT
M00076	V\$GATA2_01	5 0.82498	12896	(+)	NNNGATRNNN	CCAGATCTCT
M00076	V\$GATA2_01	9 0.82410	12896	(-)	NNNGATRNNN	CCAGATCTCT
M00077	V\$GATA3_01	3 0.77196	12896	(-)	NNGATARNG	CCAGATCTC
M00075	V\$GATA1_01	4 0.87364	12902	(-)	SNNGATNNNN	CTCTAACATG
M00075	V\$GATA1_01	3	12965	(-)	SNNGATNNNN	AAAGATCACC

		0.79792				
M00076	V\$GATA2_01	5	12965	(+)	NNNGATRNNN	AAAGATCACC
		0.84122				
M00076	V\$GATA2_01	7	12965	(-)	NNNGATRNNN	AAAGATCACC
		0.77838				
M00075	V\$GATA1_01	1	12992	(-)	SNNGATNNNN	CAGAAACAGC
		0.81461				
M00076	V\$GATA2_01	4	13000	(-)	NNNGATRNNN	GCCTATGATA
		0.79437				
M00126	V\$GATA1_02	5	13001	(+)	NNNNNGATANKGNN	CCTATGATAGCAGT
		0.78515				
M00127	V\$GATA1_03	4	13001	(+)	RNSNNGATAANNGN	CCTATGATAGCAGT
		0.82812				
M00128	V\$GATA1_04	5	13002	(+)	NNCWGATARNNNN	CTATGATAGCAGT
		0.85143				
M00075	V\$GATA1_01	1	13003	(+)	SNNGATNNNN	TATGATAGCA
		0.90888				
M00076	V\$GATA2_01	6	13003	(+)	NNNGATRNNN	TATGATAGCA
		0.88746				
M00077	V\$GATA3_01	1	13004	(+)	NNGATARNG	ATGATAGCA
		0.86475				
M00075	V\$GATA1_01	8	13013	(-)	SNNGATNNNN	GTGAATCAGG
		0.80333				
M00076	V\$GATA2_01	8	13013	(-)	NNNGATRNNN	GTGAATCAGG
		0.83639				
M00128	V\$GATA1_04	7	13017	(+)	NNCWGATARNNNN	ATCAGGTAAGTGT
		0.85093				
M00126	V\$GATA1_02	8	13061	(-)	NNNNNGATANKGNN	CAAACATCTATTG
		0.80034				
M00127	V\$GATA1_03	3	13061	(-)	RNSNNGATAANNGN	CAAACATCTATTG
		0.82181				
M00075	V\$GATA1_01	6	13063	(-)	SNNGATNNNN	AACTATCTAT
M00076	V\$GATA2_01	0.81687	13063	(-)	NNNGATRNNN	AACTATCTAT
		0.87062				
M00077	V\$GATA3_01	5	13063	(-)	NNGATARNG	AACTATCTA
		0.84649				
M00075	V\$GATA1_01	6	13107	(-)	SNNGATNNNN	TTACATCAGG
		0.80198				
M00076	V\$GATA2_01	5	13107	(-)	NNNGATRNNN	TTACATCAGG
		0.78664				
M00076	V\$GATA2_01	9	13180	(+)	NNNGATRNNN	CAACATTGCT
		0.80947				
M00075	V\$GATA1_01	7	13193	(-)	SNNGATNNNN	AAAGATCAGA
		0.82679				
M00076	V\$GATA2_01	3	13193	(-)	NNNGATRNNN	AAAGATCAGA
		0.86722				
M00075	V\$GATA1_01	6	13239	(-)	SNNGATNNNN	GGCCATCCCT
		0.90798				
M00076	V\$GATA2_01	4	13239	(-)	NNNGATRNNN	GGCCATCCCT
		0.79201				
M00127	V\$GATA1_03	4	13251	(+)	RNSNNGATAANNGN	ATGAAGAGAGCTTC
		0.88195				
M00203	V\$GATA_C	1	13300	(-)	NGATAAGNMNN	TATTCATATCA
		0.79406				
M00126	V\$GATA1_02	3	13301	(-)	NNNNNGATANKGNN	ATTCATATCATTCA
		0.87193				
M00128	V\$GATA1_04	6	13301	(-)	NNCWGATARNNNN	ATTCATATCATTC
M00075	V\$GATA1_01	0.80849	13303	(-)	SNNGATNNNN	TCATATCATT
		0.82724				
M00076	V\$GATA2_01	4	13303	(-)	NNNGATRNNN	TCATATCATT
		0.86397				
M00077	V\$GATA3_01	9	13303	(-)	NNGATARNG	TCATATCAT
M00076	V\$GATA2_01	0.79161	13374	(-)	NNNGATRNNN	TCTAATCTTA

M00077	V\$GATA3_01	0.88568 9	13374	(-)	NNGATARNG	TCTAATCTT
M00127	V\$GATA1_03	0.78270 5	13377	(-)	RNSNNGATAANNGN	AATCTTATGACCTT
M00203	V\$GATA_C	0.84032 3	13401	(-)	NGATAAGNMNN	TGTTCTTCTCT
M00203	V\$GATA_C	0.83877 0.81371	13474	(-)	NGATAAGNMNN	CTCACATATCT
M00076	V\$GATA2_01	2 0.84593	13475	(+)	NNNGATRNNN	TCACATATCT
M00126	V\$GATA1_02	8 0.80499	13475	(-)	NNNNNGATANKGNN	TCACATATCTTGAG
M00127	V\$GATA1_03	8 0.86519	13475	(-)	RNSNNGATAANNGN	TCACATATCTTGAG
M00128	V\$GATA1_04	6 0.89239	13475	(-)	NNCWGATARNNNN	TCACATATCTTGA
M00075	V\$GATA1_01	9 0.90978	13477	(-)	SNNGATNNNN	ACATATCTTG
M00076	V\$GATA2_01	8	13477	(-)	NNNGATRNNN	ACATATCTTG
M00077	V\$GATA3_01	0.85556 0.83488	13477	(-)	NNGATARNG	ACATATCTT
M00127	V\$GATA1_03	5 0.84254	13521	(+)	RNSNNGATAANNGN	AAGGTGGTAACTGC
M00075	V\$GATA1_01	7 0.78258	13558	(+)	SNNGATNNNN	ATTGATGGTT
M00076	V\$GATA2_01	9 0.79812	13579	(-)	NNNGATRNNN	TAGTATGCTA
M00075	V\$GATA1_01	4 0.80920	13635	(-)	SNNGATNNNN	ATGAATCTGA
M00076	V\$GATA2_01	2	13635	(-)	NNNGATRNNN	ATGAATCTGA
M00126	V\$GATA1_02	0.8825 0.84149	13638	(+)	NNNNNGATANKGNN	AATCTGATAAGGGA
M00127	V\$GATA1_03	9	13638	(+)	RNSNNGATAANNGN	AATCTGATAAGGGA
M00128	V\$GATA1_04	0.97549 0.86623	13639	(+)	NNCWGATARNNNN	ATCTGATAAGGGA
M00075	V\$GATA1_01	9 0.89580	13640	(+)	SNNGATNNNN	TCTGATAAGG
M00076	V\$GATA2_01	5 0.92512	13640	(+)	NNNGATRNNN	TCTGATAAGG
M00077	V\$GATA3_01	2 0.94283	13641	(+)	NNGATARNG	CTGATAAGG
M00203	V\$GATA_C	9 0.80256	13642	(+)	NGATAAGNMNN	TGATAAGGGAT
M00075	V\$GATA1_01	7 0.78033	13657	(+)	SNNGATNNNN	CAAGATTCAA
M00076	V\$GATA2_01	4 0.77739	13657	(+)	NNNGATRNNN	CAAGATTCAA
M00075	V\$GATA1_01	4 0.77936	13675	(-)	SNNGATNNNN	AGTCATCAAT
M00075	V\$GATA1_01	8 0.81843	13679	(-)	SNNGATNNNN	ATCAATCAAT
M00126	V\$GATA1_02	8 0.87898	13689	(+)	NNNNNGATANKGNN	TTTATGATAATCAT
M00128	V\$GATA1_04	3 0.80700	13690	(+)	NNCWGATARNNNN	TTATGATAATCAT
M00075	V\$GATA1_01	9 0.86468	13691	(+)	SNNGATNNNN	TATGATAATC
M00076	V\$GATA2_01	2 0.84315	13691	(+)	NNNGATRNNN	TATGATAATC
M00077	V\$GATA3_01	5 0.78417	13692	(+)	NNGATARNG	ATGATAATC
M00127	V\$GATA1_03	4	13692	(-)	RNSNNGATAANNGN	ATGATAATCATTCC

		0.87791				
M00203	V\$GATA_C	2	13693	(+)	NGATAAGNMNN	TGATAATCATT
		0.77492				
M00075	V\$GATA1_01	6	13694	(-)	SNNGATNNNN	GATAATCATT
		0.78331				
M00075	V\$GATA1_01	7	13711	(-)	SNNGATNNNN	GTGAATCATA
		0.78619				
M00076	V\$GATA2_01	8	13711	(-)	NNNGATRNNN	GTGAATCATA
		0.77062				
M00126	V\$GATA1_02	5	13775	(+)	NNNNNGATANKGNN	GAAAAGAAAAGACA
		0.83131				
M00203	V\$GATA_C	4	13779	(+)	NGATAAGNMNN	AGAAAAGACAA
		0.86906				
M00126	V\$GATA1_02	2	13817	(-)	NNNNNGATANKGNN	TACACTATCCTCAC
		0.86501				
M00127	V\$GATA1_03	7	13817	(-)	RNSNNGATAANNGN	TACACTATCCTCAC
		0.92941				
M00075	V\$GATA1_01	8	13819	(-)	SNNGATNNNN	CACTATCCTC
		0.97293				
M00076	V\$GATA2_01	6	13819	(-)	NNNGATRNNN	CACTATCCTC
		0.91670				
M00077	V\$GATA3_01	4	13819	(-)	NNGATARNG	CACTATCCT
		0.80769				
M00127	V\$GATA1_03	2	13852	(+)	RNSNNGATAANNGN	AAGAGGGTAATCAT
		0.78270				
M00127	V\$GATA1_03	5	13855	(-)	RNSNNGATAANNGN	AGGGTAATCATTCT
		0.77492				
M00075	V\$GATA1_01	6	13857	(-)	SNNGATNNNN	GGTAATCATT
		0.78664				
M00076	V\$GATA2_01	9	13857	(-)	NNNGATRNNN	GGTAATCATT
		0.79161				
M00076	V\$GATA2_01	13866	(-)	NNNGATRNNN	TCTAATCTTA	
		0.88568				
M00077	V\$GATA3_01	9	13866	(-)	NNGATARNG	TCTAATCTT
		0.79617				
M00127	V\$GATA1_03	8	13913	(-)	RNSNNGATAANNGN	GCATTTAACTGGGT
		0.79121				
M00075	V\$GATA1_01	4	13927	(-)	SNNGATNNNN	TTGAATCACA
		0.84093				
M00077	V\$GATA3_01	9	13949	(-)	NNGATARNG	TCCTCTCTC
		0.78246				
M00127	V\$GATA1_03	13949	(-)	RNSNNGATAANNGN	TCCTCTCTCTCCTT	
		0.83517				
M00077	V\$GATA3_01	9	13951	(-)	NNGATARNG	CTCTCTCTC
		0.78035				
M00075	V\$GATA1_01	5	14000	(+)	SNNGATNNNN	TTTGATTTTT
		0.81136				
M00127	V\$GATA1_03	7	14017	(+)	RNSNNGATAANNGN	ATACTAATAAGAGA
		0.80947				
M00075	V\$GATA1_01	7	14029	(-)	SNNGATNNNN	GAAAATCTCA
		0.83446				
M00076	V\$GATA2_01	1	14029	(-)	NNNGATRNNN	GAAAATCTCA
		0.80454				
M00075	V\$GATA1_01	1	14036	(+)	SNNGATNNNN	TCAGATATCA
		0.89174				
M00076	V\$GATA2_01	6	14036	(+)	NNNGATRNNN	TCAGATATCA
		0.84558				
M00128	V\$GATA1_04	8	14036	(-)	NNCWGATARNNNN	TCAGATATCATAT
		0.84492				
M00077	V\$GATA3_01	7	14037	(+)	NNGATARNG	CAGATATCA
		0.84007				
M00075	V\$GATA1_01	9	14038	(-)	SNNGATNNNN	AGATATCATA
		0.90212				
M00076	V\$GATA2_01	14038	(-)	NNNGATRNNN	AGATATCATA	
		0.80083				
M00127	V\$GATA1_03	3	14048	(-)	RNSNNGATAANNGN	TTTATTATAATCGT

M00077	V\$GATA3_01	0.83517 9	14053	(-)	NNGATARNG	TATAATCGT
M00126	V\$GATA1_02	0.80781 3	14060	(+)	NNNNNGATANKGNN	GTTAGGATAGGCAA
M00127	V\$GATA1_03	0.80401 8	14060	(+)	RNSNNGATAANNGN	GTTAGGATAGGCAA
M00128	V\$GATA1_04	0.83455 9	14061	(+)	NNCWGATARNNNN	TTAGGATAGGCAA
M00075	V\$GATA1_01	0.85932 9	14062	(+)	SNNGATNNNN	TAGGATAGGC
M00076	V\$GATA2_01	0.94812 8	14062	(+)	NNNGATRNNN	TAGGATAGGC
M00077	V\$GATA3_01	0.87062 5	14063	(+)	NNGATARNG	AGGATAGGC
M00203	V\$GATA_C	0.89748 4	14064	(+)	NGATAAGNMNN	GGATAGGCAAC
M00075	V\$GATA1_01	0.77591 3	14113	(-)	SNNGATNNNN	TTCCATCAAA
M00127	V\$GATA1_03	0.78564 4	14128	(-)	RNSNNGATAANNGN	TATATTTCCACCT
M00127	V\$GATA1_03	0.78931 9	14172	(+)	RNSNNGATAANNGN	AAACAAATAAAAAGG
M00128	V\$GATA1_04	0.81096 8	14173	(+)	NNCWGATARNNNN	AACAAATAAAAAGG
M00076	V\$GATA2_01	0.79882 7	14184	(-)	NNNGATRNNN	GGCCATGATA
M00126	V\$GATA1_02	0.81718 7	14185	(+)	NNNNNGATANKGNN	GCCATGATAGATTA
M00127	V\$GATA1_03	0.79789 3	14185	(+)	RNSNNGATAANNGN	GCCATGATAGATTA
M00075	V\$GATA1_01	0.90819 3	14187	(+)	SNNGATNNNN	CATGATAGAT
M00076	V\$GATA2_01	0.88858 8	14187	(+)	NNNGATRNNN	CATGATAGAT
M00077	V\$GATA3_01	0.85157 3	14188	(+)	NNGATARNG	ATGATAGAT
M00203	V\$GATA_C	0.85088 5	14189	(+)	NGATAAGNMNN	TGATAGATTAA
M00128	V\$GATA1_04	0.81617 6	14221	(+)	NNCWGATARNNNN	TTCAGAAAAGAAA
M00203	V\$GATA_C	0.83224 6	14224	(+)	NGATAAGNMNN	AGAAAAGAAAT
M00126	V\$GATA1_02	0.78531 3	14227	(+)	NNNNNGATANKGNN	AAAGAAATAATGGT
M00127	V\$GATA1_03	0.79813 8	14227	(+)	RNSNNGATAANNGN	AAAGAAATAATGGT
M00126	V\$GATA1_02	0.79125 4	14251	(-)	NNNNNGATANKGNN	AACCTTATAGTTAC
M00127	V\$GATA1_03	0.78466 4	14293	(-)	RNSNNGATAANNGN	ATTCTTTTCTCTTT
M00127	V\$GATA1_03	0.78931 9	14295	(-)	RNSNNGATAANNGN	TCTTTTCTCTTTAT
M00075	V\$GATA1_01	0.77591 3	14321	(-)	SNNGATNNNN	TGAAATCCCT
M00076	V\$GATA2_01	0.80920 2	14321	(-)	NNNGATRNNN	TGAAATCCCT
M00126	V\$GATA1_02	0.78187 5	14353	(-)	NNNNNGATANKGNN	TTCCCTTTCTTTGA
M00077	V\$GATA3_01	0.82321 7	14355	(-)	NNGATARNG	CCCTTTCTT
M00076	V\$GATA2_01	0.78529 5	14367	(+)	NNNGATRNNN	GCTCATTGCC
M00127	V\$GATA1_03	0.80867 2	14491	(+)	RNSNNGATAANNGN	ACTTTGATAGCTGG
M00075	V\$GATA1_01	0.85093 8	14493	(+)	SNNGATNNNN	TTTGATAGCT

		0.85701				
M00076	V\$GATA2_01	4	14493	(+)	NNNGATRNNN	TTTGATAGCT
		0.83119				
M00077	V\$GATA3_01	2	14494	(+)	NNGATARNG	TTGATAGCT
		0.79713				
M00075	V\$GATA1_01	7	14561	(+)	SNNGATNNNN	AGTGATTAT
		0.80799				
M00075	V\$GATA1_01	6	14576	(-)	SNNGATNNNN	ACCCCTCAGG
		0.78282				
M00075	V\$GATA1_01	3	14595	(-)	SNNGATNNNN	AAAAATCCTT
		0.81190				
M00076	V\$GATA2_01	8	14595	(-)	NNNGATRNNN	AAAAATCCTT
		0.79072				
M00075	V\$GATA1_01	1	14621	(+)	SNNGATNNNN	TGTGATTAC
M00076	V\$GATA2_01	0.78304	14621	(+)	NNNGATRNNN	TGTGATTAC
		0.83942				
M00076	V\$GATA2_01	3	14628	(+)	NNNGATRNNN	TACCATAGGG
		0.82753				
M00127	V\$GATA1_03	6	14652	(-)	RNSNNGATAANNNGN	TCTGTTTTCTCAC
		0.83958				
M00075	V\$GATA1_01	5	14671	(-)	SNNGATNNNN	AAACATCTCT
		0.84167				
M00076	V\$GATA2_01	8	14671	(-)	NNNGATRNNN	AAACATCTCT
		0.86673				
M00075	V\$GATA1_01	2	14681	(+)	SNNGATNNNN	TGTGATGCGA
		0.85069				
M00076	V\$GATA2_01	9	14681	(+)	NNNGATRNNN	TGTGATGCGA
		0.80720				
M00127	V\$GATA1_03	2	14685	(+)	RNSNNGATAANNNGN	ATGCGAATAGCCAT
		0.78935				
M00076	V\$GATA2_01	5	14693	(-)	NNNGATRNNN	AGCCATGTCT
		0.78973				
M00075	V\$GATA1_01	3	14714	(+)	SNNGATNNNN	AATGATTCAT
		0.82872				
M00075	V\$GATA1_01	7	14739	(+)	SNNGATNNNN	ACTGATTCT
		0.81326				
M00076	V\$GATA2_01	1	14739	(+)	NNNGATRNNN	ACTGATTCT
		0.86766				
M00203	V\$GATA_C	1	14810	(-)	NGATAAGNMNN	GACGCCTATCC
		0.83062				
M00126	V\$GATA1_02	5	14811	(-)	NNNNNGATANKGNN	ACGCCTATCCATCT
		0.90151				
M00127	V\$GATA1_03	9	14811	(-)	RNSNNGATAANNNGN	ACGCCTATCCATCT
		0.81490				
M00075	V\$GATA1_01	6	14813	(-)	SNNGATNNNN	GCCTATCCAT
M00076	V\$GATA2_01	0.83401	14813	(-)	NNNGATRNNN	GCCTATCCAT
		0.84625				
M00077	V\$GATA3_01	6	14813	(-)	NNGATARNG	GCCTATCCA
		0.90819				
M00075	V\$GATA1_01	3	14817	(-)	SNNGATNNNN	ATCCATCTGG
		0.87956				
M00076	V\$GATA2_01	7	14817	(-)	NNNGATRNNN	ATCCATCTGG
		0.79568				
M00127	V\$GATA1_03	8	14829	(-)	RNSNNGATAANNNGN	CCTGGTATTACCTT
		0.85883				
M00075	V\$GATA1_01	5	14861	(+)	SNNGATNNNN	ACTGATGCCC
		0.85701				
M00076	V\$GATA2_01	4	14861	(+)	NNNGATRNNN	ACTGATGCCC
		0.79960				
M00075	V\$GATA1_01	5	14881	(-)	SNNGATNNNN	TGACATCCCT
		0.84528				
M00076	V\$GATA2_01	6	14881	(-)	NNNGATRNNN	TGACATCCCT
		0.82527				
M00075	V\$GATA1_01	1	14888	(-)	SNNGATNNNN	CCTAATCCCA

M00076	V\$GATA2_01	0.85701 4	14888	(-)	NNNGATRNNN	CCTAATCCCA
M00077	V\$GATA3_01	0.89277 8	14888	(-)	NNGATARNG	CCTAATCCC
M00076	V\$GATA2_01	0.81596 8	14923	(-)	NNNGATRNNN	TACTATGCCA
M00127	V\$GATA1_03	0.78907 4	14935	(+)	RNSNNGATAANNGN	GTGGTGGTAAGTTC
M00203	V\$GATA_C	0.87667 0.86937	14969	(-)	NGATAAGNMNN	CTGCCGTATCA
M00126	V\$GATA1_02	0.78172 5	14970	(-)	NNNNNGATANKGNN	TGCCGTATCAAGGG
M00127	V\$GATA1_03	0.90967 5	14970	(-)	RNSNNGATAANNGN	TGCCGTATCAAGGG
M00075	V\$GATA1_01	0.84122 4	14972	(-)	SNNGATNNNN	CCGTATCAAG
M00076	V\$GATA2_01	7	14972	(-)	NNNGATRNNN	CCGTATCAAG
M00077	V\$GATA3_01	0.85556 0.80842	14972	(-)	NNGATARNG	CCGTATCAA
M00127	V\$GATA1_03	0.81416 7	14980	(+)	RNSNNGATAANNGN	AGGGAAATAGAAGA
M00076	V\$GATA2_01	0.79593 3	15047	(-)	NNNGATRNNN	TCCTATGCTA
M00126	V\$GATA1_02	0.80303 8	15077	(+)	NNNNNGATANKGNN	TTGATGATAACTTT
M00127	V\$GATA1_03	0.85416 8	15077	(+)	RNSNNGATAANNGN	TTGATGATAACTTT
M00128	V\$GATA1_04	0.87808 7	15078	(+)	NNCWGATARNNNN	TGATGATAACTTT
M00075	V\$GATA1_01	0.90166 5	15079	(+)	SNNGATNNNN	GATGATAACT
M00076	V\$GATA2_01	0.82720 9	15079	(+)	NNNGATRNNN	GATGATAACT
M00077	V\$GATA3_01	4	15080	(+)	NNGATARNG	ATGATAACT
M00203	V\$GATA_C	0.83908 0.88357	15081	(+)	NGATAAGNMNN	TGATAACTTTC
M00128	V\$GATA1_04	0.82132 8	15089	(+)	NNCWGATARNNNN	TTCTGATATATGG
M00075	V\$GATA1_01	3	15090	(+)	SNNGATNNNN	TCTGATATAT
M00076	V\$GATA2_01	0.85115 0.79206	15090	(+)	NNNGATRNNN	TCTGATATAT
M00076	V\$GATA2_01	0.83218 1	15124	(+)	NNNGATRNNN	GAACATGTGG
M00126	V\$GATA1_02	8	15137	(-)	NNNNNGATANKGNN	AGTGCTATCTATTT
M00127	V\$GATA1_03	0.83317 0.85600	15137	(-)	RNSNNGATAANNGN	AGTGCTATCTATTT
M00128	V\$GATA1_04	0.78627 5	15137	(-)	NNCWGATARNNNN	AGTGCTATCTATT
M00075	V\$GATA1_01	0.80604 8	15139	(-)	SNNGATNNNN	TGCTATCTAT
M00076	V\$GATA2_01	0.88657 4	15139	(-)	NNNGATRNNN	TGCTATCTAT
M00077	V\$GATA3_01	5	15139	(-)	NNGATARNG	TGCTATCTA
M00126	V\$GATA1_02	0.85875 0.89705	15146	(+)	NNNNNGATANKGNN	TATTTGATAAGTGA
M00128	V\$GATA1_04	0.79812 9	15147	(+)	NNCWGATARNNNN	ATTTGATAAGTGA
M00075	V\$GATA1_01	0.79296 4	15148	(+)	SNNGATNNNN	TTTGATAAGT
M00076	V\$GATA2_01	3	15148	(+)	NNNGATRNNN	TTTGATAAGT
M00077	V\$GATA3_01	0.83961	15149	(+)	NNGATARNG	TTGATAAGT

M00203	V\$GATA_C	0.93755 8	15150	(+)	NGATAAGNMNN	TGATAAGTGAT
M00126	V\$GATA1_02	0.84531 3	15153	(+)	NNNNNGATANKGN	TAAGTGATAATCAT
M00127	V\$GATA1_03	0.78833 9	15153	(+)	RNSNNGATAANNGN	TAAGTGATAATCAT
M00128	V\$GATA1_04	0.87316 2	15154	(+)	NNCWGATARNNNN	AAGTGATAATCAT
M00075	V\$GATA1_01	0.82724 6	15155	(+)	SNNGATNNNN	AGTGATAATC
M00076	V\$GATA2_01	0.84032 5	15155	(+)	NNNGATRNNN	AGTGATAATC
M00077	V\$GATA3_01	0.86043 4	15156	(+)	NNGATARNG	GTGATAATC
M00127	V\$GATA1_03	0.81700 1	15156	(-)	RNSNNGATAANNGN	GTGATAATCATTCT
M00203	V\$GATA_C	0.87791 2	15157	(+)	NGATAAGNMNN	TGATAATCATT
M00075	V\$GATA1_01	0.77492 6	15158	(-)	SNNGATNNNN	GATAATCATT
M00127	V\$GATA1_03	0.82067 6	15168	(+)	RNSNNGATAANNGN	CTGATGAAAATAGG
M00127	V\$GATA1_03	0.84664 4	15171	(+)	RNSNNGATAANNGN	ATGAAAATAGGAGG
M00127	V\$GATA1_03	0.79250 4	15179	(+)	RNSNNGATAANNGN	AGGAGGAAAATTTT
M00203	V\$GATA_C	0.86144 8	15211	(-)	NGATAAGNMNN	CAACTTTATCC
M00127	V\$GATA1_03	0.89000 5	15212	(-)	RNSNNGATAANNGN	AACTTTATCCTCCT
M00128	V\$GATA1_04	0.82046 6	15212	(-)	NNCWGATARNNNN	AACTTTATCCTCC
M00075	V\$GATA1_01	0.82477 8	15214	(-)	SNNGATNNNN	CTTTATCCTC
M00076	V\$GATA2_01	0.88137 1	15214	(-)	NNNGATRNNN	CTTTATCCTC
M00077	V\$GATA3_01	0.86840 9	15214	(-)	NNGATARNG	CTTTATCCT
M00076	V\$GATA2_01	0.78529 5	15235	(-)	NNNGATRNNN	GCTAATCTTT
M00077	V\$GATA3_01	0.85378 8	15235	(-)	NNGATARNG	GCTAATCTT
M00127	V\$GATA1_03	0.79887 3	15258	(-)	RNSNNGATAANNGN	TGGATTATACCCAT
M00076	V\$GATA2_01	0.78980 6	15266	(-)	NNNGATRNNN	ACCCATGATA
M00075	V\$GATA1_01	0.84649 6	15269	(+)	SNNGATNNNN	CATGATATAC
M00076	V\$GATA2_01	0.84844 4	15269	(+)	NNNGATRNNN	CATGATATAC
M00203	V\$GATA_C	0.85212 8	15271	(+)	NGATAAGNMNN	TGATATACATT
M00127	V\$GATA1_03	0.81332 7	15293	(+)	RNSNNGATAANNGN	TGGGGGATAAACTG
M00075	V\$GATA1_01	0.82724 6	15295	(+)	SNNGATNNNN	GGGGATAAAC
M00076	V\$GATA2_01	0.87280 1	15295	(+)	NNNGATRNNN	GGGGATAAAC
M00075	V\$GATA1_01	0.88400 8	15306	(+)	SNNGATNNNN	GCAGATTTTG
M00076	V\$GATA2_01	0.86558 4	15306	(+)	NNNGATRNNN	GCAGATTTTG
M00077	V\$GATA3_01	0.86220 6	15307	(+)	NNGATARNG	CAGATTTTG
M00126	V\$GATA1_02	0.77812 5	15326	(-)	NNNNNGATANKGN	AGTCCTAACTTGAA

		0.81638				
M00075	V\$GATA1_01	7	15336	(-)	SNNGATNNNN	TGAAATCCTG
M00076	V\$GATA2_01	0.84258	15336	(-)	NNNGATRNNN	TGAAATCCTG
		0.83473				
M00203	V\$GATA_C	1	15339	(-)	NGATAAGNMNN	AATCCTGATCT
		0.78466				
M00127	V\$GATA1_03	4	15340	(-)	RNSNNGATAANNGN	ATCCTGATCTTTTT
		0.81556				
M00128	V\$GATA1_04	4	15340	(-)	NNCWGATARNNNN	ATCCTGATCTTTT
		0.87018				
M00075	V\$GATA1_01	8	15342	(+)	SNNGATNNNN	CCTGATCTTT
		0.83581				
M00076	V\$GATA2_01	4	15342	(+)	NNNGATRNNN	CCTGATCTTT
		0.80198				
M00076	V\$GATA2_01	5	15342	(-)	NNNGATRNNN	CCTGATCTTT
		0.83872				
M00077	V\$GATA3_01	4	15342	(-)	NNGATARNG	CCTGATCTT
		0.78515				
M00127	V\$GATA1_03	4	15348	(-)	RNSNNGATAANNGN	CTTTTATTTTCGC
		0.83168				
M00075	V\$GATA1_01	8	15378	(+)	SNNGATNNNN	AATGATGTTT
		0.82228				
M00076	V\$GATA2_01	2	15378	(+)	NNNGATRNNN	AATGATGTTT
		0.77196				
M00075	V\$GATA1_01	4	15381	(+)	SNNGATNNNN	GATGTTTGTT
		0.79201				
M00127	V\$GATA1_03	4	15388	(-)	RNSNNGATAANNGN	GTTTTATAACCTT
		0.80799				
M00075	V\$GATA1_01	6	15405	(+)	SNNGATNNNN	GGTGATTAAG
		0.83872				
M00077	V\$GATA3_01	4	15406	(+)	NNGATARNG	GTGATTAAG
		0.79296				
M00076	V\$GATA2_01	3	15429	(+)	NNNGATRNNN	AAGCATACTG
M00076	V\$GATA2_01	0.78304	15556	(-)	NNNGATRNNN	AATTATGGTC
		0.87884				
M00203	V\$GATA_C	4	15581	(-)	NGATAAGNMNN	ATTGCTGTCT
		0.82386				
M00127	V\$GATA1_03	1	15582	(-)	RNSNNGATAANNGN	TTGCTGTCTTGAT
		0.79201				
M00127	V\$GATA1_03	4	15588	(-)	RNSNNGATAANNGN	GTCTGATCCTCTT
		0.81984				
M00075	V\$GATA1_01	2	15590	(+)	SNNGATNNNN	CTTGATCCTC
		0.77344				
M00075	V\$GATA1_01	5	15590	(-)	SNNGATNNNN	CTTGATCCTC
M00076	V\$GATA2_01	0.81687	15590	(-)	NNNGATRNNN	CTTGATCCTC
		0.81341				
M00128	V\$GATA1_04	9	15596	(-)	NNCWGATARNNNN	CCTCTTTTCATAT
M00126	V\$GATA1_02	0.81125	15685	(+)	NNNNNGATANKGNN	ACTTAGATAATATC
		0.79911				
M00127	V\$GATA1_03	8	15685	(+)	RNSNNGATAANNGN	ACTTAGATAATATC
		0.87416				
M00077	V\$GATA3_01	9	15688	(+)	NNGATARNG	TAGATAATA
		0.87045				
M00203	V\$GATA_C	7	15689	(+)	NGATAAGNMNN	AGATAATATCA
M00126	V\$GATA1_02	0.825	15690	(-)	NNNNNGATANKGNN	GATAATATCAATAA
		0.77048				
M00075	V\$GATA1_01	4	15869	(+)	SNNGATNNNN	TATGATCACT
		0.82273				
M00076	V\$GATA2_01	3	15869	(+)	NNNGATRNNN	TATGATCACT
		0.83130				
M00076	V\$GATA2_01	4	15900	(+)	NNNGATRNNN	TCACATAGTT

M00203	V\$GATA_C	0.87729 1	15916	(-)	NGATAAGNMNN	AGTATTGTCT
M00128	V\$GATA1_04	0.8269 0.83782	15923	(+)	NNCWGATARNNNN	GTCTGTTAAGAAG
M00127	V\$GATA1_03	5 0.78726	15930	(+)	RNSNNGATAANNNGN	AAGAAGAAAACAGA
M00075	V\$GATA1_01	6 0.81235	15955	(+)	SNNGATNNNN	ATAGATGTGT
M00076	V\$GATA2_01	9	16080	(+)	NNNGATRNNN	TGACATACGT
M00076	V\$GATA2_01	0.79161 0.89782	16114	(+)	NNNGATRNNN	TGCCATATT
M00075	V\$GATA1_01	8 0.83581	16176	(-)	SNNGATNNNN	AAAAATCAGG
M00076	V\$GATA2_01	4 0.78890	16176	(-)	NNNGATRNNN	AAAAATCAGG
M00076	V\$GATA2_01	4 0.77295	16192	(-)	NNNGATRNNN	GGGTATGTGT
M00075	V\$GATA1_01	2 0.82408	16233	(-)	SNNGATNNNN	CTTCATCTTA
M00076	V\$GATA2_01	7 0.85999	16233	(-)	NNNGATRNNN	CTTCATCTTA
M00077	V\$GATA3_01	1 0.77295	16233	(-)	NNGATARNG	CTTCATCTT
M00075	V\$GATA1_01	2 0.82408	16241	(+)	SNNGATNNNN	TAAGATGAAG
M00076	V\$GATA2_01	7 0.85999	16241	(+)	NNNGATRNNN	TAAGATGAAG
M00077	V\$GATA3_01	1 0.79299	16242	(+)	NNGATARNG	AAGATGAAG
M00127	V\$GATA1_03	4 0.83628	16245	(+)	RNSNNGATAANNNGN	ATGAAGAGAAAATG
M00203	V\$GATA_C	5 0.81656	16265	(-)	NGATAAGNMNN	AAAGTGTATCT
M00126	V\$GATA1_02	2 0.78627	16266	(-)	NNNNNGATANKGNN	AAGTGTATCTTAAC
M00075	V\$GATA1_01	8 0.86197	16268	(-)	SNNGATNNNN	GTGTATCTTA
M00076	V\$GATA2_01	6 0.81416	16268	(-)	NNNGATRNNN	GTGTATCTTA
M00076	V\$GATA2_01	3 0.78593	16304	(+)	NNNGATRNNN	CAGCATAACT
M00126	V\$GATA1_02	7	16336	(+)	NNNNNGATANKGNN	TTACAGATGGGATT
M00075	V\$GATA1_01	0.85538 0.85475	16338	(+)	SNNGATNNNN	ACAGATGGGA
M00076	V\$GATA2_01	9 0.88834	16338	(+)	NNNGATRNNN	ACAGATGGGA
M00077	V\$GATA3_01	7 0.79170	16339	(+)	NNGATARNG	CAGATGGGA
M00075	V\$GATA1_01	8 0.81912	16343	(+)	SNNGATNNNN	TGGGATTGAA
M00076	V\$GATA2_01	5	16343	(+)	NNNGATRNNN	TGGGATTGAA
M00077	V\$GATA3_01	0.84537	16344	(+)	NNGATARNG	GGGATTGAA
M00203	V\$GATA_C	0.86269 0.85156	16375	(-)	NGATAAGNMNN	TTCATCTATCA
M00126	V\$GATA1_02	2 0.84321	16376	(-)	NNNNNGATANKGNN	TCATCTATCATGTC
M00127	V\$GATA1_03	4 0.88541	16376	(-)	RNSNNGATAANNNGN	TCATCTATCATGTC
M00128	V\$GATA1_04	7 0.90819	16376	(-)	NNCWGATARNNNN	TCATCTATCATGT
M00075	V\$GATA1_01	3	16378	(-)	SNNGATNNNN	ATCTATCATG

M00076	V\$GATA2_01	0.88858 8	16378	(-)	NNNGATRNNN	ATCTATCATG
M00077	V\$GATA3_01	0.85157 3	16378	(-)	NNGATARNG	ATCTATCAT
M00076	V\$GATA2_01	0.79386 6	16396	(-)	NNNGATRNNN	TTCTATCCAA
M00077	V\$GATA3_01	0.83739 5	16396	(-)	NNGATARNG	TTCTATCCA
M00075	V\$GATA1_01	0.85636 7	16432	(-)	SNNGATNNNN	GACAATCTCA
M00076	V\$GATA2_01	0.87099 7	16432	(-)	NNNGATRNNN	GACAATCTCA
M00077	V\$GATA3_01	0.8786 16432	16432	(-)	NNGATARNG	GACAATCTC
M00075	V\$GATA1_01	0.81786 8	16482	(+)	SNNGATNNNN	TTAGATTGTG
M00076	V\$GATA2_01	0.79792 5	16482	(+)	NNNGATRNNN	TTAGATTGTG
M00077	V\$GATA3_01	0.90385 5	16483	(+)	NNGATARNG	TAGATTGTG
M00075	V\$GATA1_01	0.77097 7	16492	(-)	SNNGATNNNN	TAACATCCTT
M00076	V\$GATA2_01	0.81822 3	16492	(-)	NNNGATRNNN	TAACATCCTT
M00126	V\$GATA1_02	0.8 16539	16539	(-)	NNNNNGATANKGN	AGTAGTATCATGCT
M00127	V\$GATA1_03	0.84982 9	16539	(-)	RNSNNGATAANNNGN	AGTAGTATCATGCT
M00075	V\$GATA1_01	0.88647 6	16541	(-)	SNNGATNNNN	TAGTATCATG
M00076	V\$GATA2_01	0.87370 3	16541	(-)	NNNGATRNNN	TAGTATCATG
M00077	V\$GATA3_01	0.82410 3	16541	(-)	NNGATARNG	TAGTATCAT
M00075	V\$GATA1_01	0.84748 3	16627	(-)	SNNGATNNNN	TTGAATCACC
M00076	V\$GATA2_01	0.78258 9	16627	(-)	NNNGATRNNN	TTGAATCACC
M00075	V\$GATA1_01	0.84304 16648	16648	(-)	SNNGATNNNN	TGCCATCATT
M00076	V\$GATA2_01	0.84799 3	16648	(-)	NNNGATRNNN	TGCCATCATT
M00077	V\$GATA3_01	0.83385 16648	16648	(-)	NNGATARNG	TGCCATCAT
M00075	V\$GATA1_01	0.83563 7	16680	(+)	SNNGATNNNN	TGAGATTTTG
M00076	V\$GATA2_01	0.85115 16680	16680	(+)	NNNGATRNNN	TGAGATTTTG
M00077	V\$GATA3_01	0.88524 6	16681	(+)	NNGATARNG	GAGATTTTG
M00203	V\$GATA_C	0.83690 6	16682	(-)	NGATAAGNMNN	AGATTTTGTCT
M00162	V\$OCT1_06	0.80078 1	34	(+)	CWNAWTKWSATRYN	CAGTCTTGGGTCA
M00138	V\$OCT1_04	0.78398 2	46	(-)	NNNNNNNNWATGCAAATNNNW	CAAGGTATTATGTATACATATAA
M00138	V\$OCT1_04	0.82057 7	47	(+)	NNNNNNNNWATGCAAATNNNW	AAGGTATTATGTATACATATAAA
M00136	V\$OCT1_02	0.77910 1	49	(+)	NNGAATATKCANNNN	GGTATTATGTATACA
M00138	V\$OCT1_04	0.86658 3	51	(+)	NNNNNNNNWATGCAAATNNNW	TATTATGTATACATATAAAAAAA
M00138	V\$OCT1_04	0.80175 7	53	(+)	NNNNNNNNWATGCAAATNNNW	TTATGTATACATATAAAAAAACT
M00138	V\$OCT1_04	0.79192 8	55	(+)	NNNNNNNNWATGCAAATNNNW	ATGTATACATATAAAAAAACTTA

M00138	V\$OCT1_04	0.80782 1	56	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGTATACATATAAAAAAACTTAT
M00138	V\$OCT1_04	0.81388 5	57	(+)	NNNNNNNNWATGCAAATNNNW NNW	GTATACATATAAAAAAACTTATT
M00162	V\$OCT1_06	0.81367 2	62	(-)	CWNAWTKWSATRYN	CATATAAAAAAACT
M00162	V\$OCT1_06	0.83203 1	74	(+)	CWNAWTKWSATRYN	CTTATTTTATTTTC
M00138	V\$OCT1_04	0.78962 8	75	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTATTTTATTTTCCTCTGTCTCA
M00162	V\$OCT1_06	0.82929 7	96	(-)	CWNAWTKWSATRYN	CATCTTAATTCTT
M00138	V\$OCT1_04	0.81012 1	98	(-)	NNNNNNNNWATGCAAATNNNW NNW	TCTTTAATTCTTCACTAATACGC
M00136	V\$OCT1_02	0.79967 5	111	(+)	NNGAATATKCANNNN	ACTAATACGCAGTTG
M00137	V\$OCT1_03	0.87672 9	136	(-)	NNNRTAATNANNN	ATGTGATTGCAAG
M00162	V\$OCT1_06	0.82148 4	139	(-)	CWNAWTKWSATRYN	TGATTGCAAGTATT
M00162	V\$OCT1_06	0.81367 2	153	(+)	CWNAWTKWSATRYN	GGTACTTTCCTATG
M00138	V\$OCT1_04	0.80405 7	173	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGTTAGCTTAAAAATATATTTGC
M00138	V\$OCT1_04	0.78816 4	183	(-)	NNNNNNNNWATGCAAATNNNW NNW	AAAAATATTTGCAAATGTTGAT
M00138	V\$OCT1_04	0.83772 5	184	(+)	NNNNNNNNWATGCAAATNNNW NNW	AAATATATTTGCAAATGTTGATA
M00135	V\$OCT1_01	0.84261 7	185	(-)	NNNNWTATGCAAATNTNNN	AATATATTTGCAAATGTTG
M00135	V\$OCT1_01	0.85864 2	186	(+)	NNNNWTATGCAAATNTNNN	ATATATTTGCAAATGTTGA
M00195	V\$OCT1_Q6	0.81468 3	188	(+)	NNNNATGCAAATNAN	ATATTTGCAAATGTT
M00162	V\$OCT1_06	0.83437 5	189	(-)	CWNAWTKWSATRYN	TATTTGCAAATGTT
M00138	V\$OCT1_04	0.80175 7	190	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATTTGCAAATGTTGATACTATCT
M00162	V\$OCT1_06	0.87851 6	195	(+)	CWNAWTKWSATRYN	CAAATGTTGATACT
M00162	V\$OCT1_06	0.80078 1	210	(-)	CWNAWTKWSATRYN	TCTATCTCAGAGCT
M00162	V\$OCT1_06	0.94531 2	231	(+)	CWNAWTKWSATRYN	AAAAATTAAATACT
M00162	V\$OCT1_06	0.81367 2	231	(-)	CWNAWTKWSATRYN	AAAAATTAAATACT
M00162	V\$OCT1_06	0.88554 7	232	(-)	CWNAWTKWSATRYN	AAAAATTAAATACTT
M00248	V\$OCT1_07	0.79330 1	233	(-)	TNTATGNTAATT	AAATTAAATACT
M00137	V\$OCT1_03	0.84077 4	245	(+)	NNNRTAATNANNN	TTTATAAAGACCA
M00138	V\$OCT1_04	0.83207 9	275	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAAAATAAATTCTTATATACTGA
M00162	V\$OCT1_06	0.82148 4	275	(-)	CWNAWTKWSATRYN	TAAAATAAATTCTT
M00162	V\$OCT1_06	0.84218 7	282	(+)	CWNAWTKWSATRYN	AATTCTTATATACT
M00138	V\$OCT1_04	0.78021 7	292	(+)	NNNNNNNNWATGCAAATNNNW NNW	TACTGAAAATGTAGATACATAAC
M00136	V\$OCT1_02	0.78884 7	294	(+)	NNGAATATKCANNNN	CTGAAAATGTAGATA
M00162	V\$OCT1_06	0.86015 6	297	(+)	CWNAWTKWSATRYN	AAAATGTAGATACA
M00138	V\$OCT1_04	0.78941 9	298	(+)	NNNNNNNNWATGCAAATNNNW NNW	AAATGTAGATACATAACTTCAGT

M00138	V\$OCT1_04	0.83375 2	321	(+)	NNNNNNNWATGCAAATNNNW NNW	ATAGATTTATGGTAAAAATAATTT
M00135	V\$OCT1_01	0.79435 3	323	(+)	NNNNWTATGCAAATNTNNN	AGATTTATGGTAAAAATAAT
M00248	V\$OCT1_07	0.79520 9	326	(+)	TNTATGNTAATT	TTTATGGTAAAA
M00138	V\$OCT1_04	0.85654 5	333	(-)	NNNNNNNWATGCAAATNNNW NNW	TAAAATAATTTGAATCATTTTTG
M00135	V\$OCT1_01	0.73616 9	335	(-)	NNNNWTATGCAAATNTNNN	AAATAATTTGAATCATTTT
M00162	V\$OCT1_06	0.84726 6	336	(+)	CWNAWTKWSATRYN	AATAATTTGAATCA
M00195	V\$OCT1_Q6	0.82287 1	337	(-)	NNNNATGCAAATNAN	ATAATTTGAATCATT
M00248	V\$OCT1_07	0.79796 5	339	(-)	TNTATGNTAATT	AATTTGAATCAT
M00162	V\$OCT1_06	0.82617 2	349	(+)	CWNAWTKWSATRYN	ATTTTTGTCAAATT
M00162	V\$OCT1_06	0.86796 9	369	(+)	CWNAWTKWSATRYN	AATGTTGTCATACA
M00138	V\$OCT1_04	0.79360 1	370	(+)	NNNNNNNWATGCAAATNNNW NNW	ATGTTGTCATACAGAATAATTTA
M00138	V\$OCT1_04	0.82496 9	380	(+)	NNNNNNNWATGCAAATNNNW NNW	ACAGAATAATTTATAATTTTTTT
M00138	V\$OCT1_04	0.81639 5	382	(-)	NNNNNNNWATGCAAATNNNW NNW	AGAATAATTTATAATTTTTTTGT
M00195	V\$OCT1_Q6	0.80922 5	385	(-)	NNNNATGCAAATNAN	ATAATTTATAATTTT
M00137	V\$OCT1_03	0.85894 9	389	(+)	NNNRTAATNANNN	TTTATAATTTTTT
M00138	V\$OCT1_04	0.78042 7	396	(-)	NNNNNNNWATGCAAATNNNW NNW	TTTTTTTGTTTCATGGTGAAGA
M00136	V\$OCT1_02	0.79832 2	425	(-)	NNGAATATKCANNNN	CTGTAGAATATTTTCG
M00162	V\$OCT1_06	0.80664 1	447	(+)	CWNAWTKWSATRYN	TTTTATTCCATGTA
M00162	V\$OCT1_06	0.84609 4	453	(-)	CWNAWTKWSATRYN	TCCATGTAATTAGG
M00137	V\$OCT1_03	0.93441 3	455	(+)	NNNRTAATNANNN	CATGTAATTAGGT
M00137	V\$OCT1_03	0.87119 7	456	(-)	NNNRTAATNANNN	ATGTAATTAGGTT
M00138	V\$OCT1_04	0.85110 8	456	(+)	NNNNNNNWATGCAAATNNNW NNW	ATGTAATTAGGTTAATAAAATTA
M00135	V\$OCT1_01	0.73655 1	458	(+)	NNNNWTATGCAAATNTNNN	GTAATTAGGTTAATAAAAT
M00162	V\$OCT1_06	0.82656 2	470	(+)	CWNAWTKWSATRYN	ATAAAATTAATTTT
M00162	V\$OCT1_06	0.82656 2	472	(-)	CWNAWTKWSATRYN	AAAATTAATTTTAT
M00137	V\$OCT1_03	0.86092 5	503	(+)	NNNRTAATNANNN	TAGACAATTAGAT
M00162	V\$OCT1_06	0.94531 2	505	(+)	CWNAWTKWSATRYN	GACAATTAGATATA
M00138	V\$OCT1_04	0.79694 7	506	(+)	NNNNNNNWATGCAAATNNNW NNW	ACAATTAGATATAAATGATTACT
M00138	V\$OCT1_04	0.81744 507	(-)	NNW	NNNNNNNWATGCAAATNNNW NNW	CAATTAGATATAAATGATTACTT
M00137	V\$OCT1_03	0.89450 8	518	(-)	NNNRTAATNANNN	AAATGATTACTTT
M00138	V\$OCT1_04	0.79339 2	524	(+)	NNNNNNNWATGCAAATNNNW NNW	TTACTTTTATAAAGATGATTAAA
M00138	V\$OCT1_04	0.78168 1	525	(-)	NNNNNNNWATGCAAATNNNW NNW	TACTTTTATAAAGATGATTAAAT
M00137	V\$OCT1_03	0.89371 8	529	(+)	NNNRTAATNANNN	TTTATAAAGATGA

M00138	V\$OCT1_04	0.81911 3	530	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTATAAAGATGATTAAATTTGGA
M00162	V\$OCT1_06	0.83710 9	537	(+)	CWNAWTKWSATRYN	GATGATTAAATTTG
M00138	V\$OCT1_04	0.90924 3	539	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGATTAAATTTGGATATTTATAA
M00138	V\$OCT1_04	0.79903 8	540	(+)	NNNNNNNNWATGCAAATNNNW NNW	GATTAAATTTGGATATTTATAAG
M00135	V\$OCT1_01	0.88706 6	541	(-)	NNNNWTATGCAAATNTNNN	ATTAAATTTGGATATTTAT
M00135	V\$OCT1_01	0.73006 5	542	(+)	NNNNWTATGCAAATNTNNN	TTAAATTTGGATATTTATA
M00162	V\$OCT1_06	0.87343 7	543	(+)	CWNAWTKWSATRYN	TAAATTTGGATATT
M00195	V\$OCT1_Q6	0.79121 2	543	(-)	NNNNATGCAAATNAN	TAAATTTGGATATTT
M00136	V\$OCT1_02	0.85977 3	545	(-)	NNGAATATKCANNNN NNNNNNNNWATGCAAATNNNW	AATTTGGATATTTAT
M00138	V\$OCT1_04	0.79339 2	545	(-)	NNW	AATTTGGATATTTATAAGGATAC
M00248	V\$OCT1_07	0.85499 3	545	(-)	TNTATGNTAATT	AATTTGGATATT
M00138	V\$OCT1_04	0.82036 8	546	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATTTGGATATTTATAAGGATACA
M00136	V\$OCT1_02	0.78586 9	548	(+)	NNGAATATKCANNNN NNNNNNNNWATGCAAATNNNW	TTGGATATTTATAAG
M00138	V\$OCT1_04	0.85173 6	556	(+)	NNW	TTATAAGGATACAAATATATGAA
M00135	V\$OCT1_01	0.77356 558	(+)	NNNNWTATGCAAATNTNNN NNNNNNNNWATGCAAATNNNW	ATAAGGATACAAATATATG	
M00138	V\$OCT1_04	0.85089 9	566	(+)	NNW	ACAAATATATGAAAATAATAAAC
M00135	V\$OCT1_01	0.81323 9	568	(+)	NNNNWTATGCAAATNTNNN	AAATATATGAAAATAATAA
M00195	V\$OCT1_Q6	0.90120 1	570	(+)	NNNNATGCAAATNAN	ATATATGAAAATAAT
M00162	V\$OCT1_06	0.94257 8	571	(-)	CWNAWTKWSATRYN	TATATGAAAATAAT
M00248	V\$OCT1_07	0.79478 5	571	(+)	TNTATGNTAATT	TATATGAAAATA
M00162	V\$OCT1_06	0.81210 9	597	(-)	CWNAWTKWSATRYN	GGCTTATAAATATG
M00137	V\$OCT1_03	0.88147 599	(+)	NNNRTAATNANNN NNNNNNNNWATGCAAATNNNW	CTTATAAATATGT	
M00138	V\$OCT1_04	0.78711 8	599	(-)	NNW	CTTATAAATATGTCTTTTTTAAC
M00138	V\$OCT1_04	0.79192 8	600	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTATAAATATGTCTTTTTTAACA
M00136	V\$OCT1_02	0.78343 3	602	(+)	NNGAATATKCANNNN	ATAAATATGTCTTTT
M00162	V\$OCT1_06	0.82890 6	604	(+)	CWNAWTKWSATRYN	AAATATGTCTTTTT
M00162	V\$OCT1_06	0.87578 1	605	(-)	CWNAWTKWSATRYN	AATATGTCTTTTTT
M00162	V\$OCT1_06	0.85507 8	662	(-)	CWNAWTKWSATRYN	TGTATAAAATAATC
M00137	V\$OCT1_03	0.85262 7	675	(-)	NNNRTAATNANNN NNNNNNNNWATGCAAATNNNW	CTGTCATTAGTCT
M00138	V\$OCT1_04	0.78189 688	(+)	NNW	GCTGACTAAGGTATAAACAAATT	
M00138	V\$OCT1_04	0.78105 4	694	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAAGGTATAAACAAATTTTCATGT
M00135	V\$OCT1_01	0.79168 3	696	(+)	NNNNWTATGCAAATNTNNN	AGGTATAAACAAATTTTCAT
M00137	V\$OCT1_03	0.85618 3	697	(+)	NNNRTAATNANNN	GGTATAAACAAAT

		0.88906				
M00162	V\$OCT1_06	2	704	(+)	CWNAWTKWSATRYN	ACAAATTCATGTA
		0.80782			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	705	(+)	NNW	CAAATTCATGTATAATCTAATT
		0.88554				
M00162	V\$OCT1_06	7	705	(-)	CWNAWTKWSATRYN	CAAATTCATGTAT
		0.78884				
M00136	V\$OCT1_02	7	710	(-)	NNGAATATKCANNNN	TTCATGTATAATCTA
		0.78293			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	711	(+)	NNW	TCATGTATAATCTAATTTTCTT
		0.75333				
M00135	V\$OCT1_01	8	713	(+)	NNNNWTATGCAAATNTNNN	ATGTATAATCTAATTTTTC
		0.85578				
M00137	V\$OCT1_03	8	714	(+)	NNNRTAATNANNN	TGTATAATCTAAT
		0.83845				
M00248	V\$OCT1_07	7	716	(+)	TNTATGNTAATT	TATAATCTAATT
		0.86835				
M00162	V\$OCT1_06	9	717	(-)	CWNAWTKWSATRYN	ATAATCTAATTTTT
		0.75314				
M00135	V\$OCT1_01	8	721	(-)	NNNNWTATGCAAATNTNNN	TCTAATTTTCTTATTTAT
		0.84196				
M00137	V\$OCT1_03	0.84218	730	(-)	NNNRTAATNANNN	TCTTATTTATCTG
		7				
M00162	V\$OCT1_06	0.82109	736	(+)	CWNAWTKWSATRYN	TTATCTGAAATGCA
		4				
M00162	V\$OCT1_06	0.84765	737	(-)	CWNAWTKWSATRYN	TATCTGAAATGCAT
		6				
M00162	V\$OCT1_06	0.80185	740	(+)	CWNAWTKWSATRYN	CTGAAATGCATTTT
		6				
M00195	V\$OCT1_Q6	0.82485	740	(-)	NNNNATGCAAATNAN	CTGAAATGCATTTTT
		1				
M00136	V\$OCT1_02	0.82929	742	(-)	NNGAATATKCANNNN	GAAATGCATTTTTTC
		7				
M00162	V\$OCT1_06	0.78168	742	(-)	CWNAWTKWSATRYN	GAAATGCATTTTTT
		1			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.81033	754	(+)	NNW	TTCAGCACATATAAAATTTATGTA
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04		755	(-)	NNW	TCAGCACATATAAAATTTATGTAT
		0.7314				
M00135	V\$OCT1_01	0.84765	756	(+)	NNNNWTATGCAAATNTNNN	CAGCACATATAAAATTTATG
		6				
M00162	V\$OCT1_06	0.81992	759	(+)	CWNAWTKWSATRYN	CACATATAAAATTTA
		2				
M00162	V\$OCT1_06	0.80429	759	(-)	CWNAWTKWSATRYN	CACATATAAAATTTA
		7				
M00162	V\$OCT1_06	0.82148	761	(-)	CWNAWTKWSATRYN	CATATAAAATTTATG
		4				
M00162	V\$OCT1_06	0.80039	765	(-)	CWNAWTKWSATRYN	TAAATTTATGTATT
		1				
M00162	V\$OCT1_06	0.81718	768	(+)	CWNAWTKWSATRYN	ATTTATGTATTTTA
		7				
M00162	V\$OCT1_06	0.80859	769	(-)	CWNAWTKWSATRYN	TTTATGTATTTTAG
		4				
M00162	V\$OCT1_06	0.80078	773	(-)	CWNAWTKWSATRYN	TGTATTTTAGGGTC
		1				
M00162	V\$OCT1_06	0.82109	783	(+)	CWNAWTKWSATRYN	GGTCTTGCAATTTA
		4				
M00162	V\$OCT1_06	0.80703	823	(+)	CWNAWTKWSATRYN	ATGTTTGACTTATA
		1				
M00162	V\$OCT1_06	0.77070	829	(-)	CWNAWTKWSATRYN	GACTTATAATTCTG
		9				
M00136	V\$OCT1_02	0.83945	846	(+)	NNGAATATKCANNNN	AATCATCTTCATACA
		3				
M00162	V\$OCT1_06	0.86835	847	(+)	CWNAWTKWSATRYN	ATCATCTTCATACA
		9				
M00162	V\$OCT1_06		855	(+)	CWNAWTKWSATRYN	CATACAGTCATGTC

M00162	V\$OCT1_06	0.84218 7	860	(+)	CWNAWTKWSATRYN	AGTCATGTCATGGA
M00162	V\$OCT1_06	0.83710 9	861	(-)	CWNAWTKWSATRYN	GTCATGTCATGGAT
M00162	V\$OCT1_06	0.80429 7	887	(+)	CWNAWTKWSATRYN	CAAAATTAAGTAAT
M00162	V\$OCT1_06	0.80078 1	887	(-)	CWNAWTKWSATRYN	CAAAATTAAGTAAT
M00162	V\$OCT1_06	0.86835 9	915	(+)	CWNAWTKWSATRYN	AAAAATTTAATGAA
M00138	V\$OCT1_04	0.80259 3	916	(+)	NNNNNNNNWATGCAAATNNNW NNW	AAAATTTAATGAAGGTTAATAGT
M00162	V\$OCT1_06	0.92460 9	916	(-)	CWNAWTKWSATRYN	AAAATTTAATGAAG
M00162	V\$OCT1_06	0.83437 5	959	(+)	CWNAWTKWSATRYN	ATGCTTTTCATGAA
M00195	V\$OCT1_Q6	0.82669 2	959	(-)	NNNNATGCAAATNAN	ATGCTTTTCATGAAG
M00162	V\$OCT1_06	0.85507 8	960	(-)	CWNAWTKWSATRYN	TGCTTTTCATGAAG
M00137	V\$OCT1_03	0.87356 8	994	(+)	NNNRTAATNANNN	AGGATAAAGACAT
M00162	V\$OCT1_06	0.80664 1	996	(+)	CWNAWTKWSATRYN	GATAAAGACATCTT
M00162	V\$OCT1_06	0.80039 1	1005	(+)	CWNAWTKWSATRYN	ATCTTTTAAAAATT
M00162	V\$OCT1_06	0.87578 1	1012	(+)	CWNAWTKWSATRYN	AAAAATTACAGATA
M00162	V\$OCT1_06	0.81367 2	1013	(-)	CWNAWTKWSATRYN	AAAATTACAGATAA
M00162	V\$OCT1_06	0.89687 5	1024	(+)	CWNAWTKWSATRYN	TAAAATTAAATGTA
M00162	V\$OCT1_06	0.83437 5	1025	(-)	CWNAWTKWSATRYN	AAAATTAAATGTAA
M00162	V\$OCT1_06	0.86054 7	1029	(+)	CWNAWTKWSATRYN	TTAAATGTAATTTA
M00195	V\$OCT1_Q6	0.83133 2	1029	(+)	NNNNATGCAAATNAN	TTAAATGTAATTTAC
M00162	V\$OCT1_06	0.94531 2	1030	(-)	CWNAWTKWSATRYN	TAAATGTAATTTAC
M00248	V\$OCT1_07	0.81238 1	1030	(+)	TNTATGNTAATT	TAAATGTAATTT
M00195	V\$OCT1_Q6	0.79093 9	1035	(-)	NNNNATGCAAATNAN	GTAATTTACCAGTTT
M00138	V\$OCT1_04	0.80447 5	1047	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTGTATTTATCAATTTTAACAA
M00138	V\$OCT1_04	0.78063 6	1052	(+)	NNNNNNNNWATGCAAATNNNW NNW	GTTTATCAATTTTAACAAATCCA
M00138	V\$OCT1_04	0.80071 1	1053	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTATCAATTTTAACAAATCCA
M00162	V\$OCT1_06	0.88554 7	1067	(-)	CWNAWTKWSATRYN	CAAATCCAATGATC
M00162	V\$OCT1_06	0.83437 5	1080	(+)	CWNAWTKWSATRYN	CTACAGGAAATTTT
M00162	V\$OCT1_06	0.87578 1	1081	(-)	CWNAWTKWSATRYN	TACAGGAAATTTTT
M00138	V\$OCT1_04	0.82455 0.82656	1087	(-)	NNNNNNNNWATGCAAATNNNW NNW	AAATTTTTTTTTAATTTTTATTG
M00162	V\$OCT1_06	0.83167 2	1091	(+)	CWNAWTKWSATRYN	TTTTTTTTAATTTT
M00248	V\$OCT1_07	0.86846 3	1091	(+)	TNTATGNTAATT	TTTTTTTTAATT
M00138	V\$OCT1_04	0.80485 5	1093	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTTTAATTTTTATTGTCATAT
M00195	V\$OCT1_Q6	0.80485 8	1097	(-)	NNNNATGCAAATNAN	TTAATTTTTATTGTC

M00138	V\$OCT1_04	0.84065 2	1099	(-)	NNNNNNNNWATGCAAATNNNW NNW	AATTTTATTGTCATATTTTAAA
M00135	V\$OCT1_01	0.74532 6	1101	(-)	NNNNWTATGCAAATNTNNN	TTTTATTGTCATATTTTA
M00162	V\$OCT1_06	0.88632 8	1103	(+)	CWNAWTKWSATRYN	TTTATTGTCATATT
M00195	V\$OCT1_Q6	0.81304 6	1103	(-)	NNNNATGCAAATNAN	TTTATTGTCATATT
M00138	V\$OCT1_04	0.79443 7	1107	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTGTCATATTTTAAAATTGTAA
M00162	V\$OCT1_06	0.86562 5	1111	(+)	CWNAWTKWSATRYN	CATATTTTAAAAATT
M00162	V\$OCT1_06	0.82148 4	1111	(-)	CWNAWTKWSATRYN	CATATTTTAAAAATT
M00162	V\$OCT1_06	0.80039 1	1112	(+)	CWNAWTKWSATRYN	ATATTTTAAAAATT
M00162	V\$OCT1_06	0.86562 5	1113	(-)	CWNAWTKWSATRYN	TATTTTAAAAATTTG
M00138	V\$OCT1_04	0.80761 2	1115	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTAAAAATTTGTAATATTTAAA
M00138	V\$OCT1_04	0.81681 3	1116	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTAAAAATTTGTAATATTTAAAT
M00162	V\$OCT1_06	0.90351 6	1120	(+)	CWNAWTKWSATRYN	AAATTTGTAATATT
M00138	V\$OCT1_04	0.7821 0.84960	1121	(+)	NNNNNNNNWATGCAAATNNNW NNW	AATTTGTAATATTTAAATATTGA
M00162	V\$OCT1_06	9	1121	(-)	CWNAWTKWSATRYN	AATTTGTAATATTT
M00137	V\$OCT1_03	0.85578 8	1123	(+)	NNNRTAATNANNN	TTTGTAATATTTA
M00138	V\$OCT1_04	0.84148 9	1123	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTTGTAATATTTAAATATTGATA
M00138	V\$OCT1_04	0.86825 6	1124	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTGTAATATTTAAATATTGATAC
M00135	V\$OCT1_01	0.80427 3	1125	(+)	NNNNWTATGCAAATNTNNN	TGTAATATTTAAATATTGA
M00136	V\$OCT1_02	0.81700 1	1125	(+)	NNGAATATKCANNNN	TGTAATATTTAAATA
M00135	V\$OCT1_01	0.82067 9	1126	(-)	NNNNWTATGCAAATNTNNN	GTAATATTTAAATATTGAT
M00162	V\$OCT1_06	0.9375	1128	(+)	CWNAWTKWSATRYN	AATATTTAAATATT
M00162	V\$OCT1_06	0.9375	1128	(-)	CWNAWTKWSATRYN	AATATTTAAATATT
M00136	V\$OCT1_02	0.85760 7	1130	(-)	NNGAATATKCANNNN	TATTTAAATATTGAT
M00138	V\$OCT1_04	0.81074 9	1130	(-)	NNNNNNNNWATGCAAATNNNW NNW	TATTTAAATATTGATACTTCTCT
M00138	V\$OCT1_04	0.78398 2	1131	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATTTAAATATTGATACTTCTCTA
M00136	V\$OCT1_02	0.77206 3	1133	(+)	NNGAATATKCANNNN	TTAAATATTGATACT
M00162	V\$OCT1_06	0.80703 1	1183	(+)	CWNAWTKWSATRYN	CAGGATCAAATGCT
M00162	V\$OCT1_06	0.84218 7	1184	(-)	CWNAWTKWSATRYN	AGGATCAAATGCTT
M00138	V\$OCT1_04	NNNNNNNNWATGCAAATNNNW	1193	(-)	NNW	TGCTTTACTTTGAAGTGTAGTAA
M00162	V\$OCT1_06	0.79151 0.83476 6	1216	(+)	CWNAWTKWSATRYN	GATATTGGTATTTT
M00135	V\$OCT1_01	0.77279 7	1242	(+)	NNNNWTATGCAAATNTNNN	AGCAGTAAGCAAAATAATT
M00138	V\$OCT1_04	NNNNNNNNWATGCAAATNNNW	1251	(-)	NNW	CAAAATAATTTGAATGGTAAATA
M00162	V\$OCT1_06	0.83187 0.83984 4	1255	(+)	CWNAWTKWSATRYN	ATAATTTGAATGGT

M00195	V\$OCT1_Q6	0.81905 0.80656	1255	(-)	NNNNATGCAAATNAN NNNNNNNNWATGCAAATNNNW	ATAATTTGAATGGTA
M00138	V\$OCT1_04	6 0.84396	1256	(+)	NNW	TAATTTGAATGGTAAATATTTAT
M00248	V\$OCT1_07	9 0.84396	1257	(-)	TNTATGNTAATT	AATTTGAATGGT
M00248	V\$OCT1_07	9 0.81591	1261	(+)	TNTATGNTAATT	TGAATGGTAAAT
M00136	V\$OCT1_02	8 0.86092	1264	(-)	NNGAATATKCANNNN	ATGGTAAATATTTAT
M00137	V\$OCT1_03	5	1264	(+)	NNNRTAATNANNN NNNNNNNNWATGCAAATNNNW	ATGGTAAATATTT
M00138	V\$OCT1_04	0.80343 0.82647	1265	(+)	NNW	TGGTAAATATTTATATTGAAGAG
M00136	V\$OCT1_02	5 0.80156	1267	(+)	NNGAATATKCANNNN	GTAAATATTTATATT
M00162	V\$OCT1_06	2 0.89414	1283	(-)	CWNAWTKWSATRYN	AAGAGCAAAATTAG
M00162	V\$OCT1_06	1 0.80405	1288	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CAAAATTAGAACT
M00138	V\$OCT1_04	7 0.79276	1296	(+)	NNW NNNNNNNNWATGCAAATNNNW	GAACTAAATGAATAAAAAATATT
M00138	V\$OCT1_04	5 0.82891	1300	(+)	NNW	CTAAATGAATAAAAAATATTACTT
M00136	V\$OCT1_02	2 0.83061	1301	(-)	NNGAATATKCANNNN NNNNNNNNWATGCAAATNNNW	TAAATGAATAAAAAAT
M00138	V\$OCT1_04	5 0.85736	1301	(-)	NNW	TAAATGAATAAAAAATATTACTTT
M00137	V\$OCT1_03	9 0.86054	1305	(+)	NNNRTAATNANNN	TGAATAAAAAATAT
M00162	V\$OCT1_06	7 0.78397	1305	(-)	CWNAWTKWSATRYN	TGAATAAAAAATATT
M00136	V\$OCT1_02	4 0.81238	1307	(-)	NNGAATATKCANNNN	AATAAAAAATATTACT
M00248	V\$OCT1_07	1 0.83671	1307	(-)	TNTATGNTAATT	AATAAAAAATATT
M00162	V\$OCT1_06	9 0.82656	1312	(+)	CWNAWTKWSATRYN	AAATATTACTTTCA
M00162	V\$OCT1_06	2 0.80859	1316	(+)	CWNAWTKWSATRYN	ATTACTTTCAAATG
M00162	V\$OCT1_06	4 0.73674	1324	(-)	CWNAWTKWSATRYN	CAAATGAAACAACT
M00135	V\$OCT1_01	2 0.81328	1333	(-)	NNNNWTATGCAAATNTNNN	CAACTTTTATCATAATATA
M00162	V\$OCT1_06	1 0.78126	1365	(-)	CWNAWTKWSATRYN	AAAATCAAGAATTT
M00136	V\$OCT1_02	7 0.85738	1368	(-)	NNGAATATKCANNNN NNNNNNNNWATGCAAATNNNW	ATCAAGAATTTTTTTT
M00138	V\$OCT1_04	2 0.82695	1372	(-)	NNW	AGAATTTTTTTTCATGAATCTAA
M00162	V\$OCT1_06	3 0.88906	1385	(+)	CWNAWTKWSATRYN	ATGAATCTAATTTT
M00162	V\$OCT1_06	2 0.85781	1386	(-)	CWNAWTKWSATRYN	TGAATCTAATTTTA
M00162	V\$OCT1_06	2 0.78941	1391	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CTAATTTTATTATA
M00138	V\$OCT1_04	9 0.90833	1392	(-)	NNW	TAATTTTATTATAAGACCTATT
M00137	V\$OCT1_03	7 0.79181	1394	(-)	NNNRTAATNANNN	ATTTTATTATAAG
M00248	V\$OCT1_07	7 0.79757	1408	(+)	TNTATGNTAATT NNNNNNNNWATGCAAATNNNW	CCTATTTTATTT
M00138	V\$OCT1_04	4 0.85618	1413	(-)	NNW	TTTATTTTCTTACATAGATCTTG
M00137	V\$OCT1_03	3	1452	(-)	NNNRTAATNANNN	TCATCCTTACCTG

M00162	V\$OCT1_06	0.85 0.78481	1453	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CATCCTTACCTGTC
M00138	V\$OCT1_04	8 0.82109	1493	(+)	NNW	GTGAGTACAGTAAAAAATTTAGA
M00162	V\$OCT1_06	4 0.80937	1498	(-)	CWNAWTKWSATRYN	TACAGTAAAAAAATT
M00162	V\$OCT1_06	5 0.78711	1501	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	AGTAAAAAATTTAG
M00138	V\$OCT1_04	8 0.80039	1503	(-)	NNW	TAAAAAATTTAGAAGATTCTAGA
M00162	V\$OCT1_06	1 0.75085	1516	(+)	CWNAWTKWSATRYN	AGATTCTAGATTCT
M00135	V\$OCT1_01	8 0.86835	1542	(+)	NNNNWTATGCAAATNTNNN	TCTCAAATGCAATTTGATG
M00162	V\$OCT1_06	9 0.80761	1549	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	TGCAATTTGATGCA
M00138	V\$OCT1_04	2 0.75524	1550	(+)	NNW	GCAATTTGATGCAAGTCTCATCA
M00135	V\$OCT1_01	6 0.89213	1552	(+)	NNNNWTATGCAAATNTNNN	AATTTGATGCAAGTCTCAT
M00137	V\$OCT1_03	7 0.86835	1589	(+)	NNNRTAATNANNN	GTCGTAAAGAATT
M00162	V\$OCT1_06	9 0.81640	1595	(+)	CWNAWTKWSATRYN	AAGAATTTGATGGT
M00162	V\$OCT1_06	6 0.81367	1596	(-)	CWNAWTKWSATRYN	AGAATTTGATGGTC
M00162	V\$OCT1_06	2 0.82148	1632	(-)	CWNAWTKWSATRYN	GATATTAAAGCTAT
M00162	V\$OCT1_06	4 0.81277	1650	(+)	CWNAWTKWSATRYN	ATCCTTCACATTTT
M00195	V\$OCT1_Q6	3 0.81718	1650	(-)	NNNNATGCAAATNAN	ATCCTTCACATTTTG
M00162	V\$OCT1_06	7 0.79130	1651	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	TCCTTCACATTTTG
M00138	V\$OCT1_04	1 0.80976	1652	(-)	NNW	CCTTCACATTTTGATCATTATTA
M00162	V\$OCT1_06	6 0.78941	1656	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CACATTTTGATCAT
M00138	V\$OCT1_04	9 0.88818	1660	(+)	NNW	TTTGATCATTATTATTTAGTTT
M00137	V\$OCT1_03	6 0.89845	1663	(-)	NNNRTAATNANNN	TGATCATTATTAT
M00137	V\$OCT1_03	9 0.78153	1666	(-)	NNNRTAATNANNN	TCATTATTATTTA
M00136	V\$OCT1_02	8 0.79297	1668	(+)	NNGAATATKCANNNN NNNNNNNNWATGCAAATNNNW	ATTATTATTTAGTTT
M00138	V\$OCT1_04	4 0.74895	1675	(+)	NNW	TTTAGTTTATTCAAAGACTTAAC
M00135	V\$OCT1_01	1 0.80671	1677	(+)	NNNNWTATGCAAATNTNNN	TAGTTTATTCAAAGACTTA
M00136	V\$OCT1_02	4 0.79039	1677	(+)	NNGAATATKCANNNN	TAGTTTATTCAAAGA
M00195	V\$OCT1_Q6	3 0.86093	1679	(+)	NNNNATGCAAATNAN	GTTTATTCAAAGACT
M00162	V\$OCT1_06	7 0.84765	1699	(+)	CWNAWTKWSATRYN	CTAAATAAAATTTCT
M00162	V\$OCT1_06	6 0.79527	1700	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	TAAATAAAATTTCT
M00138	V\$OCT1_04	4 0.79464	1708	(+)	NNW NNNNNNNNWATGCAAATNNNW	ATTCTAACTTAAATATAAACA
M00138	V\$OCT1_04	7 0.83167	1709	(-)	NNW	TTTCTAACTTAAATATAAACAC
M00248	V\$OCT1_07	3 0.86013	1715	(-)	TNTATGNTAATT	ACTTAAATATA
M00137	V\$OCT1_03	4	1732	(+)	NNNRTAATNANNN	CTCACAATAAAAA

M00162	V\$OCT1_06	0.80820 3	1734	(-)	CWNAWTKWSATRYN	CACAATAAAAAAATT
M00138	V\$OCT1_04	0.84713 5	1737	(+)	NNNNNNNNWATGCAAATNNNW NNW	AATAAAAAATTAAAAATTAAAAA
M00138	V\$OCT1_04	0.79715 6	1738	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATAAAAAATTAAAAATTAAAAAA
M00162	V\$OCT1_06	0.85507 8	1741	(+)	CWNAWTKWSATRYN	AAAAATTAAAAAATT
M00162	V\$OCT1_06	0.80820 3	1741	(-)	CWNAWTKWSATRYN	AAAAATTAAAAAATT
M00162	V\$OCT1_06	0.83437 5	1742	(-)	CWNAWTKWSATRYN	AAAATTAAAAATTA
M00138	V\$OCT1_04	0.83082 4	1744	(+)	NNNNNNNNWATGCAAATNNNW NNW	AATTAAAAATTAAAAAAGAAATA
M00162	V\$OCT1_06	0.82656 2	1748	(-)	CWNAWTKWSATRYN	AAAAATTAAAAAAG
M00248	V\$OCT1_07	0.83654 9	1751	(-)	TNTATGNTAATT	AATTAAAAAAGA
M00135	V\$OCT1_01	0.75562 8	1760	(+)	NNNNWTATGCAAATNTNNN	AGAAATAAGGTAATTAACA
M00248	V\$OCT1_07	0.87386 1	1763	(+)	TNTATGNTAATT	AATAAGGTAATT
M00137	V\$OCT1_03	0.84472 5	1766	(+)	NNNRTAATNANNN	AAGGTAATTAACA
M00248	V\$OCT1_07	0.80326 5	1771	(-)	TNTATGNTAATT	AATTAACAATAC
M00162	V\$OCT1_06	0.86054 7	1790	(-)	CWNAWTKWSATRYN	AGCATCAAAGAAGG
M00137	V\$OCT1_03	0.87001 2	1800	(+)	NNNRTAATNANNN	AAGGTAATTAGTC
M00138	V\$OCT1_04	0.81848 6	1829	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTATAGGCTTAACATATTTGTAA
M00135	V\$OCT1_01	0.77699 4	1831	(-)	NNNNWTATGCAAATNTNNN	ATAGGCTTAACATATTTGT
M00161	V\$OCT1_05	0.87365 1	1833	(+)	MKNATTTGCATAYY	AGGCTTAACATATT
M00162	V\$OCT1_06	0.82148 4	1833	(+)	CWNAWTKWSATRYN	AGGCTTAACATATT
M00195	V\$OCT1_Q6	0.82614 6	1833	(-)	NNNNATGCAAATNAN	AGGCTTAACATATTT
M00138	V\$OCT1_04	0.79506 5	1837	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTAACATATTTGTAAACATATAT
M00138	V\$OCT1_04	0.78084 5	1838	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAACATATTTGTAAACATATATA
M00135	V\$OCT1_01	0.75944 3	1839	(-)	NNNNWTATGCAAATNTNNN	AACATATTTGTAAACATAT
M00138	V\$OCT1_04	0.79213 7	1841	(-)	NNNNNNNNWATGCAAATNNNW NNW	CATATTTGTAAACATATATATGT
M00137	V\$OCT1_03	0.88897 7	1845	(+)	NNNRTAATNANNN	TTTGTAAACATAT
M00138	V\$OCT1_04	0.82141 4	1847	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGTAAACATATATATGTTCAATT
M00135	V\$OCT1_01	0.74112 9	1854	(+)	NNNNWTATGCAAATNTNNN	ATATATATGTTCAATTTTG
M00248	V\$OCT1_07	0.79245 3	1857	(+)	TNTATGNTAATT	TATATGTTCAAT
M00162	V\$OCT1_06	0.86054 7	1859	(-)	CWNAWTKWSATRYN	TATGTTCAATTTTG
M00138	V\$OCT1_04	0.85299 1861	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGTTCAATTTTGTATTACCAAAT	
M00135	V\$OCT1_01	0.75028 6	1863	(-)	NNNNWTATGCAAATNTNNN	TTCAATTTTGTATTACCAA
M00162	V\$OCT1_06	0.80039 1	1866	(+)	CWNAWTKWSATRYN	AATTTTGTATTACC
M00135	V\$OCT1_01	0.73884 1869	(-)	NNNNWTATGCAAATNTNNN	TTTGTATTACCAAATATAC	

M00248	V\$OCT1_07	0.79520 9	1873	(-)	TNTATGNTAATT	TATTACCAAATA
M00162	V\$OCT1_06	0.85703 1	1961	(+)	CWNAWTKWSATRYN	ATCCCTGGGATTCT
M00162	V\$OCT1_06	0.81953 1	2017	(-)	CWNAWTKWSATRYN	TGCATGAAATCAAA
M00162	V\$OCT1_06	0.90390 6	2022	(-)	CWNAWTKWSATRYN	GAAATCAAAAAGTG
M00162	V\$OCT1_06	0.80898 4	2035	(-)	CWNAWTKWSATRYN	GAAATTGAAGTCTC
M00162	V\$OCT1_06	0.82148 4	2073	(+)	CWNAWTKWSATRYN	CTCCATGGACTGCA
M00162	V\$OCT1_06	0.87773 4	2104	(+)	CWNAWTKWSATRYN	ATCCATGGGATTTT
M00195	V\$OCT1_Q6	0.79503 3	2162	(+)	NNNNATGCAAATNAN	AAATATACTATTAAG
M00162	V\$OCT1_06	0.80976 6	2163	(-)	CWNAWTKWSATRYN	AATATACTATTAAG
M00162	V\$OCT1_06	0.87343 7	2190	(-)	CWNAWTKWSATRYN	TGTATCCACTTTTG
M00162	V\$OCT1_06	0.84765 6	2209	(-)	CWNAWTKWSATRYN	TAAATCAAACCTCTC
M00162	V\$OCT1_06	0.86093 7	2214	(+)	CWNAWTKWSATRYN	CAAACCTCATTG
M00162	V\$OCT1_06	0.86289 1	2291	(-)	CWNAWTKWSATRYN	AAGATCTAATAATT
M00137	V\$OCT1_03	0.85499 8	2293	(+)	NNNRTAATNANNN	GATCTAATAATTT
M00137	V\$OCT1_03	0.88660 6	2296	(+)	NNNRTAATNANNN	CTAATAATTGGT
M00138	V\$OCT1_04	0.83124 2	2325	(+)	NNNNNNNWATGCAAATNNNW NNW	ACTAGATAATGTAAAGTAACTTA
M00137	V\$OCT1_03	0.85420 8	2327	(+)	NNNRTAATNANNN	TAGATAATGTAAA
M00162	V\$OCT1_06	0.85507 8	2329	(+)	CWNAWTKWSATRYN	GATAATGTAAAGTA
M00195	V\$OCT1_Q6	0.83651 7	2329	(+)	NNNNATGCAAATNAN	GATAATGTAAAGTAA
M00248	V\$OCT1_07	0.79308 9	2330	(+)	TNTATGNTAATT	ATAATGTAAAGT
M00162	V\$OCT1_06	0.80078 1	2340	(+)	CWNAWTKWSATRYN	GTAACCTAAGTTTC
M00162	V\$OCT1_06	0.85273 4	2360	(-)	CWNAWTKWSATRYN	AAAAACAAATTCAG
M00136	V\$OCT1_02	0.78668 1	2362	(+)	NNGAATATKCANNNN	AAACAAATTCAGTTA
M00162	V\$OCT1_06	0.80937 5	2365	(+)	CWNAWTKWSATRYN	CAAATTCAGTTATT
M00162	V\$OCT1_06	0.80859 4	2365	(-)	CWNAWTKWSATRYN	CAAATTCAGTTATT
M00162	V\$OCT1_06	0.82148 4	2371	(+)	CWNAWTKWSATRYN	CAGTTATTAATGTG
M00162	V\$OCT1_06	0.85234 4	2376	(+)	CWNAWTKWSATRYN	ATTAATGTGAAACA
M00162	V\$OCT1_06	0.80039 1	2383	(-)	CWNAWTKWSATRYN	TGAAACAAAAAGTT
M00162	V\$OCT1_06	0.80429 7	2388	(+)	CWNAWTKWSATRYN	CAAAAAGTTATTCT
M00138	V\$OCT1_04	0.84295 3	2416	(+)	NNNNNNNWATGCAAATNNNW NNW	TCTAGATAATGATAAATAAATAA
M00137	V\$OCT1_03	0.93046 2	2418	(+)	NNNRTAATNANNN	TAGATAATGATAA
M00138	V\$OCT1_04	0.79464 7	2418	(-)	NNNNNNNWATGCAAATNNNW NNW	TAGATAATGATAAATAAATAAAT
M00138	V\$OCT1_04	0.79151 2419	(+)	NNNNNNNWATGCAAATNNNW NNW	AGATAATGATAAATAAATAAATA	

M00137	V\$OCT1_03	0.84630 6	2424	(+)	NNNRTAATNANNN	ATGATAAATAAAT
M00137	V\$OCT1_03	0.85578 8	2432	(+)	NNNRTAATNANNN	TAAATAAATAGGA
M00195	V\$OCT1_Q6	0.79284 9	2455	(+)	NNNNATGCAAATNAN	AAGAAAGCAATTCAA
M00138	V\$OCT1_04	0.82266 8	2456	(+)	NNNNNNNNWATGCAAATNNNW	AGAAAGCAATTCAAATAAGATAA
M00195	V\$OCT1_Q6	0.87145 2	2460	(+)	NNNNATGCAAATNAN	AGCAATTCAAATAAG
M00162	V\$OCT1_06	0.83242 2	2461	(-)	CWNAWTKWSATRYN	GCAATTCAAATAAG
M00248	V\$OCT1_07	0.79266 5	2463	(-)	TNTATGNTAATT	AATTCAAATAAG
M00138	V\$OCT1_04	0.79924 7	2476	(+)	NNNNNNNNWATGCAAATNNNW	TAATAGTTTGGATATTTGGACA
M00135	V\$OCT1_01	0.79587 9	2477	(-)	NNNNWTATGCAAATNTNNN	AATAGTTTTGGATATTTGG
M00162	V\$OCT1_06	0.83437 5	2479	(+)	CWNAWTKWSATRYN	TAGTTTTGGATATT
M00136	V\$OCT1_02	0.79182 5	2481	(-)	NNGAATATKCANNNN	GTTTTGGATATTTGG
M00135	V\$OCT1_01	0.78634 1	2485	(-)	NNNNWTATGCAAATNTNNN	TGGATATTTGGACACTCAA
M00162	V\$OCT1_06	0.83945 3	2487	(+)	CWNAWTKWSATRYN	GATATTTGGACACT
M00162	V\$OCT1_06	0.80859 4	2503	(+)	CWNAWTKWSATRYN	AGCTATCAAATATA
M00162	V\$OCT1_06	0.85273 4	2504	(-)	CWNAWTKWSATRYN	GCTATCAAATATAG
M00162	V\$OCT1_06	0.89414 1	2509	(+)	CWNAWTKWSATRYN	CAAATATAGATGCA
M00138	V\$OCT1_04	0.84086 2	2510	(+)	NNNNNNNNWATGCAAATNNNW	AAATATAGATGCAAAAGTTTCTG
M00135	V\$OCT1_01	0.79645 2	2512	(+)	NNNNWTATGCAAATNTNNN	ATATAGATGCAAAAGTTTC
M00162	V\$OCT1_06	0.82929 7	2515	(-)	CWNAWTKWSATRYN	TAGATGCAAAAGTT
M00162	V\$OCT1_06	0.89843 7	2526	(+)	CWNAWTKWSATRYN	GTTTCTGAAATGCT
M00162	V\$OCT1_06	0.85507 8	2534	(+)	CWNAWTKWSATRYN	AATGCTGAGATATT
M00135	V\$OCT1_01	0.73826 8	2539	(+)	NNNNWTATGCAAATNTNNN	TGAGATATTCTATTGTAA
M00162	V\$OCT1_06	0.82187 5	2542	(-)	CWNAWTKWSATRYN	GATATTCTATTGTT
M00162	V\$OCT1_06	0.83437 5	2571	(-)	CWNAWTKWSATRYN	AAAGTGTAAGTAAT
M00162	V\$OCT1_06	0.80820 3	2574	(+)	CWNAWTKWSATRYN	GTGTAAGTAATGTA
M00162	V\$OCT1_06	0.86796 9	2575	(-)	CWNAWTKWSATRYN	TGTAAGTAATGTAG
M00195	V\$OCT1_Q6	0.79012 8	2643	(+)	NNNNATGCAAATNAN	AAGCATCAAAAGAAG
M00162	V\$OCT1_06	0.94257 8	2644	(-)	CWNAWTKWSATRYN	AGCATCAAAAGAAG
M00162	V\$OCT1_06	0.80859 4	2652	(+)	CWNAWTKWSATRYN	AAGAAGGGAATATC
M00162	V\$OCT1_06	0.86562 5	2662	(-)	CWNAWTKWSATRYN	TATCTGACAGTAAG
M00162	V\$OCT1_06	0.82148 4	2775	(+)	CWNAWTKWSATRYN	GATTCTTTAATCCT
M00138	V\$OCT1_04	0.80092 2801	(-)	NNNW	NNNNNNNNWATGCAAATNNNW	ACATCATTTTTTAATGCTAACAT
M00162	V\$OCT1_06	0.9375 2805	(+)	CWNAWTKWSATRYN		CATTTTTTAATGCT

M00135	V\$OCT1_01	0.74685 2	2808	(+)	NNNNWTATGCAAATNTNNN	TTTTAATGCTAACATTTA
M00162	V\$OCT1_06	0.84218 7	2819	(-)	CWNAWTKWSATRYN	AACATTTAACAAAC
M00138	V\$OCT1_04	0.80280 2	2820	(-)	NNNNNNNNWATGCAAATNNNW NNW	ACATTTAACAAACATAAATCTTG
M00248	V\$OCT1_07	0.79732 9	2822	(-)	TNTATGNTAATT	ATTTAACAAACA
M00248	V\$OCT1_07	0.79245 3	2826	(-)	TNTATGNTAATT	AACAAACATAAA
M00138	V\$OCT1_04	0.81534 9	2849	(+)	NNNNNNNNWATGCAAATNNNW NNW	CAGTTAAAATGCAGATTGAGTTA
M00135	V\$OCT1_01	0.75829 8	2851	(+)	NNNNWTATGCAAATNTNNN	GTAAAAATGCAGATTGAGT
M00136	V\$OCT1_02	0.84298 9	2851	(+)	NNGAATATKCANNNN	GTAAAAATGCAGATT
M00136	V\$OCT1_02	0.80265 3	2854	(-)	NNGAATATKCANNNN	AAAATGCAGATTGAG
M00248	V\$OCT1_07	0.79987 3	2854	(+)	TNTATGNTAATT	AAAATGCAGATT
M00138	V\$OCT1_04	0.79088 2	2859	(+)	NNNNNNNNWATGCAAATNNNW NNW	GCAGATTGAGTTAAAATTTTATA
M00162	V\$OCT1_06	0.82656 2	2865	(-)	CWNAWTKWSATRYN	TGAGTTAAAATTTT
M00138	V\$OCT1_04	0.79736 5	2868	(-)	NNNNNNNNWATGCAAATNNNW NNW	GTAAAAATTTTATATAATTTAAT
M00135	V\$OCT1_01	0.75486 5	2870	(-)	NNNNWTATGCAAATNTNNN	TAAAATTTTATATAATTTA
M00162	V\$OCT1_06	0.825 2870	(+)	CWNAWTKWSATRYN	TAAAATTTTATATA	
M00162	V\$OCT1_06	0.86835 9	2880	(+)	CWNAWTKWSATRYN	TATAATTTAATTTA
M00248	V\$OCT1_07	0.83167 3	2880	(+)	TNTATGNTAATT	TATAATTTAATT
M00138	V\$OCT1_04	0.78711 8	2881	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATAATTTAATTTATGATAAAAAA
M00162	V\$OCT1_06	0.84765 6	2881	(-)	CWNAWTKWSATRYN	ATAATTTAATTTAT
M00138	V\$OCT1_04	0.78105 4	2883	(-)	NNNNNNNNWATGCAAATNNNW NNW	AATTTAATTTATGATAAAAAATA
M00138	V\$OCT1_04	0.84776 2	2885	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTTAATTTATGATAAAAAATAAA
M00136	V\$OCT1_02	0.77666 5	2902	(+)	NNGAATATKCANNNN	AATAAAATCCAGACA
M00136	V\$OCT1_02	0.77585 3	2917	(+)	NNGAATATKCANNNN	AACAATATTTTCAGAT
M00162	V\$OCT1_06	0.86796 9	2919	(+)	CWNAWTKWSATRYN	CAATATTTTCAGATT
M00162	V\$OCT1_06	0.84218 7	2920	(-)	CWNAWTKWSATRYN	AATATTTTCAGATTA
M00137	V\$OCT1_03	0.84551 6	2925	(-)	NNNRTAATNANNN	TTCAGATTATTTT
M00138	V\$OCT1_04	0.80029 3	2935	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTGTCTTTTATATTTTCTC
M00162	V\$OCT1_06	0.83437 5	2978	(+)	CWNAWTKWSATRYN	GATAATTTACTTTT
M00162	V\$OCT1_06	0.83437 5	2979	(+)	CWNAWTKWSATRYN	ATAATTTACTTTTC
M00195	V\$OCT1_Q6	0.84033 8	2979	(-)	NNNNATGCAAATNAN	ATAATTTACTTTTCT
M00138	V\$OCT1_04	0.7844 2993	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTTTATTTTGTCAATAAATTTT	
M00162	V\$OCT1_06	0.86562 5	3038	(-)	CWNAWTKWSATRYN	GGTGTCAAATTTAG
M00162	V\$OCT1_06	0.81718 7	3043	(+)	CWNAWTKWSATRYN	CAAATTTAGCTCTT

M00162	V\$OCT1_06	0.86484 4	3050	(+)	CWNAWTKWSATRYN	AGCTCTTAAATACA
M00162	V\$OCT1_06	0.80390 6	3054	(+)	CWNAWTKWSATRYN	CTTAAATACAAACT
M00162	V\$OCT1_06	0.94023 4	3078	(+)	CWNAWTKWSATRYN	CACTATTAAATGTA
M00138	V\$OCT1_04	0.84943 5	3079	(+)	NNNNNNNNWATGCAAATNNNW NNW	ACTATTAAATGTATAATATTACA
M00162	V\$OCT1_06	0.82656 2	3079	(-)	CWNAWTKWSATRYN	ACTATTAAATGTAT
M00136	V\$OCT1_02	0.78884 7	3084	(-)	NNGAATATKCANNNN	TAAATGTATAATATT
M00162	V\$OCT1_06	0.82109 4	3084	(-)	CWNAWTKWSATRYN	TAAATGTATAATAT
M00137	V\$OCT1_03	0.85736 9	3091	(-)	NNNRTAATNANNN	ATAATATTACATG
M00162	V\$OCT1_06	0.87851 6	3092	(+)	CWNAWTKWSATRYN	TAATATTACATGTG
M00162	V\$OCT1_06	0.83437 5	3093	(-)	CWNAWTKWSATRYN	AATATTACATGTGC
M00162	V\$OCT1_06	0.82656 2	3104	(+)	CWNAWTKWSATRYN	TGCCTTGATATT
M00138	V\$OCT1_04	0.80489 3	3108	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTGTGATATTATTATTATTGTAT
M00138	V\$OCT1_04	0.79171 9	3111	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGATATTATTATTATTGTATTTT
M00137	V\$OCT1_03	0.90636 1	3113	(-)	NNNRTAATNANNN	ATATTATTATTAT
M00138	V\$OCT1_04	0.79109 2	3113	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATATTATTATTATTGTATTTTGA
M00137	V\$OCT1_03	0.87356 8	3116	(-)	NNNRTAATNANNN	TTATTATTATTGT
M00162	V\$OCT1_06	0.80585 9	3121	(+)	CWNAWTKWSATRYN	ATTATTGTATTTTG
M00248	V\$OCT1_07	0.81513 7	3121	(+)	TNTATGNTAATT	ATTATTGTATTT
M00138	V\$OCT1_04	0.80552 1	3123	(-)	NNNNNNNNWATGCAAATNNNW NNW	TATTGTATTTTGAGTGCTTTTGT
M00162	V\$OCT1_06	0.80039 1	3127	(+)	CWNAWTKWSATRYN	GTATTTTGAGTGCT
M00138	V\$OCT1_04	0.80092 0.74608	3148	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTACAGTCTTGCATTTTTTTTT
M00135	V\$OCT1_01	0.86484 9	3150	(-)	NNNNWTATGCAAATNTNNN	ACAGTCTTGCATTTTTTT
M00162	V\$OCT1_06	0.85056 4	3152	(+)	CWNAWTKWSATRYN	AGTTCCTGCATTTT
M00136	V\$OCT1_02	0.81430 8	3154	(-)	NNGAATATKCANNNN	TTCTTGCATTTTTTT
M00138	V\$OCT1_04	0.80429 4	3162	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTTTTTTAACAGAAACATCC
M00162	V\$OCT1_06	0.82496 7	3178	(-)	CWNAWTKWSATRYN	AACATCCTATCAAG
M00138	V\$OCT1_04	0.73845 9	3265	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATGATAAATTGCTAATATATAGA
M00135	V\$OCT1_01	0.84037 9	3267	(+)	NNNNWTATGCAAATNTNNN	GATAAATTGCTAATATATA
M00137	V\$OCT1_03	0.77585 9	3341	(+)	NNNRTAATNANNN	GGTATAATATCTT
M00136	V\$OCT1_02	3	3362	(-)	NNGAATATKCANNNN	GAGCTGACTATTGAT
M00195	V\$OCT1_Q6	0.80131 0.79025	3406	(-)	NNNNNATGCAAATNAN NNNNNNNNWATGCAAATNNNW	GGCATTTGGACTTAC
M00138	V\$OCT1_04	0.87791 5	3408	(-)	NNW	CATTTGGACTTACGTATTTATGA
M00137	V\$OCT1_03	4	3419	(-)	NNNRTAATNANNN	ACGTATTTATGAT

M00138	V\$OCT1_04	0.84232 5	3419	(+)	NNNNNNNNWATGCAAATNNNW NNW	ACGTATTTATGATTAATAAAAAAT
M00138	V\$OCT1_04	0.78523 6	3422	(+)	NNNNNNNNWATGCAAATNNNW NNW	TATTTATGATTAATAAAAAATTTT
M00137	V\$OCT1_03	0.87080 2	3425	(-)	NNNRTAATNANNN NNNNNNNNWATGCAAATNNNW	TTATGATTAATAA
M00138	V\$OCT1_04	0.82936 0.81974	3426	(+)	NNW NNNNNNNNWATGCAAATNNNW	TATGATTAATAAAAAATTTTATTA
M00138	V\$OCT1_04	1 0.85104	3427	(-)	NNW NNNNNNNNWATGCAAATNNNW	ATGATTAATAAAAAATTTTATTAT
M00137	V\$OCT1_03	7 0.82656	3431	(+)	NNNRTAATNANNN	TTAATAAAAAATTT
M00162	V\$OCT1_06	2 0.88164	3437	(+)	CWNAWTKWSATRYN	AAAATTTTATTATG
M00162	V\$OCT1_06	1 0.80029	3437	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	AAAATTTTATTATG
M00138	V\$OCT1_04	3	3439	(-)	NNW	AATTTTATTATGCAAGAGCAATA
M00137	V\$OCT1_03	0.92098 0.80677	3440	(-)	NNNRTAATNANNN NNNNNNNNWATGCAAATNNNW	ATTTTATTATGCA
M00138	V\$OCT1_04	5 0.79282	3440	(+)	NNW	ATTTTATTATGCAAGAGCAATAG
M00135	V\$OCT1_01	7 0.83811	3442	(+)	NNNNWTATGCAAATNTNNN	TTTATTATGCAAGAGCAAT
M00136	V\$OCT1_02	6 0.83437	3442	(+)	NNGAATATKCANNNN	TTTATTATGCAAGAG
M00162	V\$OCT1_06	5 0.80664	3457	(+)	CWNAWTKWSATRYN	CAATAGTTAATTCA
M00162	V\$OCT1_06	1 0.80677	3469	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CAATAGGATATGTA
M00138	V\$OCT1_04	5 0.73407	3470	(+)	NNW	AATAGGATATGTATATGTGGTCT
M00135	V\$OCT1_01	1	3471	(-)	NNNNWTATGCAAATNTNNN	ATAGGATATGTATATGTGG
M00135	V\$OCT1_01	0.78367 0.78965	3472	(+)	NNNNWTATGCAAATNTNNN	TAGGATATGTATATGTGGT
M00136	V\$OCT1_02	9 0.86835	3472	(+)	NNGAATATKCANNNN	TAGGATATGTATATG
M00162	V\$OCT1_06	9 0.74208	3475	(-)	CWNAWTKWSATRYN	GATATGTATATGTG
M00135	V\$OCT1_01	3 0.79297	3488	(-)	NNNNWTATGCAAATNTNNN NNNNNNNNWATGCAAATNNNW	GGTCTATTTTCATGTATTA
M00138	V\$OCT1_04	4	3490	(-)	NNW	TCTATTTTCATGTATTATTCTT
M00162	V\$OCT1_06	0.825 0.81359	3490	(+)	CWNAWTKWSATRYN	TCTATTTTCATGTA
M00195	V\$OCT1_Q6	2 0.83939	3490	(-)	NNNNATGCAAATNAN NNNNNNNNWATGCAAATNNNW	TCTATTTTCATGTAT
M00138	V\$OCT1_04	8 0.84407	3497	(-)	NNW	TCATGTATTATTCATTCTTTCTC
M00136	V\$OCT1_02	1 0.81328	3500	(+)	NNGAATATKCANNNN	TGTATTATTCATTCT
M00162	V\$OCT1_06	1 0.83437	3501	(+)	CWNAWTKWSATRYN	GTATTATTCATTCT
M00162	V\$OCT1_06	5 0.81210	3534	(+)	CWNAWTKWSATRYN	AAACATATGATTTA
M00162	V\$OCT1_06	9 0.83133	3535	(-)	CWNAWTKWSATRYN	AACATATGATTTAC
M00195	V\$OCT1_Q6	2 0.78500	3540	(-)	NNNNATGCAAATNAN	ATGATTTACAACCTTG
M00135	V\$OCT1_01	6 0.85202	3556	(-)	NNNNWTATGCAAATNTNNN	TCTCAATTTACACACTGAG
M00248	V\$OCT1_07	5 0.78586	3560	(-)	TNTATGNTAATT	AATTTACACACT
M00136	V\$OCT1_02	9	3567	(-)	NNGAATATKCANNNN	ACACTGAGTATTAAA

		0.77422					
M00136	V\$OCT1_02	8	3570	(+)	NNGAATATKCANNNN	CTGAGTATTAAATTA	
		0.80351					
M00162	V\$OCT1_06	6	3572	(+)	CWNAWTKWSATRYN	GAGTATTAAATTAG	
		0.80429					
M00162	V\$OCT1_06	7	3573	(-)	CWNAWTKWSATRYN	AGTATTAAATTAGA	
		0.89414					
M00162	V\$OCT1_06	1	3577	(+)	CWNAWTKWSATRYN	TTAAATTAGATACT	
		0.80859					
M00162	V\$OCT1_06	4	3578	(-)	CWNAWTKWSATRYN	TAAATTAGATACTC	
		0.84765					
M00162	V\$OCT1_06	6	3646	(+)	CWNAWTKWSATRYN	CATTTTTTAATCTG	
		0.85420					
M00137	V\$OCT1_03	8	3694	(-)	NNNRTAATNANNN	CTTCTTTACCCC	
		0.78063			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	6	3723	(+)	NNW	AGTTAGCTATGATAAACTGAA	
		0.79054					
M00248	V\$OCT1_07	5	3728	(+)	TNTATGNTAATT	GCTATGATAAAT	
		0.80312					
M00162	V\$OCT1_06	5	3736	(+)	CWNAWTKWSATRYN	AAATACTGAATGTC	
		0.80429					
M00162	V\$OCT1_06	7	3741	(+)	CWNAWTKWSATRYN	CTGAATGTCTTCTT	
					NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	0.84609	3749	(-)	NNW	CTTCTTCATTTCATTTCATT	
		0.78786					
M00135	V\$OCT1_01	7	3751	(-)	NNNNWTATGCAAATNTNNN	TCTTCATTTCATTTCAT	
		0.87863					
M00161	V\$OCT1_05	2	3753	(+)	MKNATTGTCATAYY	TTCATTTCATTTT	
		0.84525					
M00195	V\$OCT1_Q6	1	3753	(-)	NNNNATGCAAATNAN	TTCATTTCATTTTC	
		0.77287					
M00136	V\$OCT1_02	5	3755	(-)	NNGAATATKCANNNN	CATTTCATTTTCAT	
		0.84148			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	9	3755	(-)	NNW	CATTTCATTTTCATTGTATAC	
		0.79584					
M00248	V\$OCT1_07	5	3755	(-)	TNTATGNTAATT	CATTTCATTTT	
		0.76306					
M00135	V\$OCT1_01	8	3757	(-)	NNNNWTATGCAAATNTNNN	TTTCCATTTTCATTGTAT	
		0.82831			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	3761	(-)	NNW	CATTTTCATTGTATACATTCGT	
		0.76993					
M00135	V\$OCT1_01	5	3763	(-)	NNNNWTATGCAAATNTNNN	TTTTCATTGTATACATTC	
M00195	V\$OCT1_Q6	0.8619	3765	(-)	NNNNATGCAAATNAN	TTCATTGTATACAT	
		0.80585					
M00162	V\$OCT1_06	9	3790	(-)	CWNAWTKWSATRYN	TGTATCCAGGTACT	
		0.87633					
M00137	V\$OCT1_03	3	3809	(-)	NNNRTAATNANNN	AGTTGATTACCCT	
		0.89766					
M00137	V\$OCT1_03	9	3834	(-)	NNNRTAATNANNN	TTTTCATTACATT	
M00162	V\$OCT1_06	0.85	3835	(+)	CWNAWTKWSATRYN	TTTCATTACATTCC	
		0.83476					
M00162	V\$OCT1_06	6	3836	(-)	CWNAWTKWSATRYN	TTCATTACATTCTT	
		0.84670					
M00137	V\$OCT1_03	1	3871	(+)	NNNRTAATNANNN	TTGATAAGGAAGA	
		0.86250					
M00137	V\$OCT1_03	5	3903	(+)	NNNRTAATNANNN	CTGATAAAGAAGG	
		0.83984					
M00162	V\$OCT1_06	4	3931	(+)	CWNAWTKWSATRYN	CTCCTTCAGATTTT	
		0.85273					
M00162	V\$OCT1_06	4	3937	(+)	CWNAWTKWSATRYN	CAGATTTTAAAATA	
		0.80585					
M00162	V\$OCT1_06	9	3944	(-)	CWNAWTKWSATRYN	TAAAATAAAATCAT	
		0.80585					
M00162	V\$OCT1_06	9	3950	(-)	CWNAWTKWSATRYN	AAAATCATAAAACT	

		0.85507				
M00162	V\$OCT1_06	8	3963	(-)	CWNAWTKWSATRYN	TGAAACTAATTATC
		0.91228				
M00137	V\$OCT1_03	8	3966	(-)	NNNRTAATNANNN	AACTAATTATCTC
		0.84546			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	3975	(-)	NNW	TCTCTTATTTTACCTAAGAAATA
		0.83945				
M00162	V\$OCT1_06	3	3994	(+)	CWNAWTKWSATRYN	AATATTTTGGTTTA
		0.81116			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	3996	(-)	NNW	TATTTTGGTTTACCTAAATAAAT
		0.80280			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	3999	(+)	NNW	TTTGGTTTACCTAAATAAATGGA
		0.78042			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	4009	(+)	NNW	CTAAATAAATGGAGAATTTGTGT
		0.81367			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	4022	(+)	NNW	GAATTTGTGTTCAAATGGAAAAA
		0.82831			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	4028	(+)	NNW	GTGTTCAAATGGAAAAACATTCT
		0.78502			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	4048	(-)	NNW	TCTCCTTTTTTGACTGTGTTTTT
		0.81367				
M00162	V\$OCT1_06	2	4052	(+)	CWNAWTKWSATRYN	CTTTTTTGACTGTG
		0.80039				
M00162	V\$OCT1_06	1	4063	(+)	CWNAWTKWSATRYN	GTGTTTTTCACTTT
		0.80185				
M00195	V\$OCT1_Q6	6	4063	(-)	NNNNATGCAAATNAN	GTGTTTTTCACTTTT
		0.82929				
M00162	V\$OCT1_06	7	4071	(+)	CWNAWTKWSATRYN	CACTTTTACAATTC
M00162	V\$OCT1_06	0.925	4084	(+)	CWNAWTKWSATRYN	CACAATTTAATTCC
		0.82187				
M00162	V\$OCT1_06	5	4085	(-)	CWNAWTKWSATRYN	ACAATTTAATTCTT
		0.79297			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	4105	(+)	NNW	AGTCCTCAATGAAAATTTACTCA
		0.73674				
M00135	V\$OCT1_01	2	4107	(+)	NNNNWTATGCAAATNTNNN	TCCTCAATGAAAATTTACT
		0.84765				
M00162	V\$OCT1_06	6	4109	(+)	CWNAWTKWSATRYN	CTCAATGAAAATTT
		0.77964				
M00136	V\$OCT1_02	3	4110	(-)	NNGAATATKCANNNN	TCAATGAAAATTTAC
		0.80429				
M00162	V\$OCT1_06	7	4110	(-)	CWNAWTKWSATRYN	TCAATGAAAATTTA
		0.84354				
M00248	V\$OCT1_07	5	4110	(+)	TNTATGNTAATT	TCAATGAAAATT
		0.81591				
M00136	V\$OCT1_02	8	4113	(+)	NNGAATATKCANNNN	ATGAAAATTTACTCA
M00162	V\$OCT1_06	0.85	4171	(-)	CWNAWTKWSATRYN	CAAATGTATTTTTC
		0.81304			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	4176	(+)	NNW	GTATTTTCTGGAAAAATCAACT
		0.73502				
M00135	V\$OCT1_01	5	4178	(+)	NNNNWTATGCAAATNTNNN	ATTTTCTGGAAAAATCAA
		0.83945				
M00162	V\$OCT1_06	3	4189	(-)	CWNAWTKWSATRYN	AAAATCAACTTAAT
		0.81367				
M00162	V\$OCT1_06	2	4192	(+)	CWNAWTKWSATRYN	ATCAACTTAATTTT
		0.80656			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	4193	(+)	NNW	TCAACTTAATTTTATTTATAAA
		0.80217			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	4194	(-)	NNW	CAACTTAATTTTATTTATAAAT
		0.83145			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	4198	(-)	NNW	TTAATTTTATTTATAAAATATT
		0.82041				
M00195	V\$OCT1_Q6	5	4198	(-)	NNNNATGCAAATNAN	TTAATTTTATTTAT
		0.83605			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	4199	(+)	NNW	TAATTTTATTTATAAAATATTT

		0.78690			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	4200	(-)	NNW	AATTTTATTTATAAAATATTTTT
		0.85759			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	4202	(-)	NNW	TTTTATTTATAAAATATTTTTTC
		0.84551				
M00137	V\$OCT1_03	6	4203	(-)	NNNRTAATNANNN	TTTTATTTATAAA
		0.85194			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	4203	(+)	NNW	TTTTATTTATAAAATATTTTTTCA
		0.80154			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	4204	(-)	NNW	TTTATTTATAAAATATTTTTTCAC
		0.83324				
M00136	V\$OCT1_02	3	4208	(-)	NNGAATATKCANNNN	TTTATAAAATATTTTT
		0.85934				
M00137	V\$OCT1_03	4	4208	(+)	NNNRTAATNANNN	TTTATAAAATATTT
		0.78099				
M00136	V\$OCT1_02	6	4211	(+)	NNGAATATKCANNNN	ATAAATATTTTTTCA
		0.79109			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	4233	(-)	NNW	AAATTTTTCTTCATTGCTCAC
		0.83189			NNGAATATKCANNNN	ACAAAGAATATTGAA
		0.83688			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	4267	(+)	NNW	CAAAGAATATTGAAATTATATAT
		0.76726				
M00135	V\$OCT1_01	4	4269	(+)	NNNNWTATGCAAATNTNNN	AAGAATATTGAAATTATAT
		0.85652				
M00136	V\$OCT1_02	4	4269	(+)	NNGAATATKCANNNN	AAGAATATTGAAATT
		0.81495				
M00195	V\$OCT1_Q6	6	4271	(+)	NNNNATGCAAATNAN	GAATATTGAAATTAT
		0.89739				
M00161	V\$OCT1_05	3	4272	(-)	MKNATTGTCATAYY	AATATTGAAATTAT
		0.84765				
M00162	V\$OCT1_06	6	4272	(+)	CWNAWTKWSATRYN	AATATTGAAATTAT
		0.85273				
M00162	V\$OCT1_06	4	4272	(-)	CWNAWTKWSATRYN	AATATTGAAATTAT
		0.88912				
M00248	V\$OCT1_07	4	4272	(+)	TNTATGNTAATT	AATATTGAAATT
		0.81702			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	4279	(-)	NNW	AAATTATATATGCAAATATTA
		0.92869			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	4280	(+)	NNW	AATTATATATGCAAATATTA
		0.7562			NNNNWTATGCAAATNTNNN	
M00135	V\$OCT1_01	3	4281	(-)	NNNNWTATGCAAATNTNNN	ATTATATATGCAAATATTA
		0.95345				
M00135	V\$OCT1_01	3	4282	(+)	NNNNWTATGCAAATNTNNN	TTATATATGCAAATATTA
		0.83784				
M00136	V\$OCT1_02	5	4282	(+)	NNGAATATKCANNNN	TTATATATGCAAATA
		0.88946				
M00195	V\$OCT1_Q6	5	4284	(+)	NNNNATGCAAATNAN	ATATATGCAAATATT
		0.9375			CWNAWTKWSATRYN	
M00162	V\$OCT1_06	5	4285	(-)	CWNAWTKWSATRYN	TATATGCAAATATT
		0.87322				
M00248	V\$OCT1_07	5	4285	(+)	TNTATGNTAATT	TATATGCAAATA
		0.77585				
M00136	V\$OCT1_02	3	4287	(-)	NNGAATATKCANNNN	TATGCAAATATTA
		0.78628			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	4288	(+)	NNW	ATGCAAATATTAAGCTGCTT
		0.86992				
M00162	V\$OCT1_06	2	4293	(-)	CWNAWTKWSATRYN	AATATTAAGCT
		0.91679				
M00162	V\$OCT1_06	7	4305	(+)	CWNAWTKWSATRYN	CTGCTTTAAATATT
		0.80731				
M00195	V\$OCT1_Q6	4	4305	(-)	NNNNATGCAAATNAN	CTGCTTTAAATATTA
		0.82214				
M00136	V\$OCT1_02	4	4307	(-)	NNGAATATKCANNNN	GCTTTAAATATTAAT
		0.78105			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	4307	(-)	NNW	GCTTTAAATATTAATCTGTACCT

M00162	V\$OCT1_06	0.80468 7	4311	(-)	CWNAWTKWSATRYN	TAAATATTAATCTG
M00138	V\$OCT1_04	0.81639 5	4327	(-)	NNNNNNNNWATGCAAATNNNW NNW	CCTATACATTTGACTCTTTGTAA
M00162	V\$OCT1_06	0.81328 1	4330	(+)	CWNAWTKWSATRYN	ATACATTTGACTCT
M00162	V\$OCT1_06	0.81875 0.80363	4340	(+)	CWNAWTKWSATRYN	CTCTTTGTAAAACA
M00138	V\$OCT1_04	0.80363 9	4359	(+)	NNNNNNNNWATGCAAATNNNW NNW	GCTGTCTTGTGCATAATCTATGT
M00135	V\$OCT1_01	0.77737 5	4360	(-)	NNNNWTATGCAAATNTNNN	CTGTCTTGTGCATAATCTA
M00136	V\$OCT1_02	0.86599 9	4364	(-)	NNGAATATKCANNNN	CTTGTGCATAATCTA
M00138	V\$OCT1_04	0.85947 3	4370	(+)	NNNNNNNNWATGCAAATNNNW NNW	CATAATCTATGTAAATTTTATAA
M00135	V\$OCT1_01	0.83193 4	4372	(+)	NNNNWTATGCAAATNTNNN	TAATCTATGTAAATTTTAT
M00195	V\$OCT1_Q6	0.83979 3	4374	(+)	NNNNATGCAAATNAN	ATCTATGTAAATTTT
M00162	V\$OCT1_06	0.88125	4375	(-)	CWNAWTKWSATRYN	TCTATGTAAATTTT
M00248	V\$OCT1_07	0.96926 0.81890	4375	(+)	TNTATGNTAATT	TCTATGTAAATT
M00138	V\$OCT1_04	0.81890 4	4379	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGTAAATTTTATAATTTCCATTC
M00162	V\$OCT1_06	0.82929 7	4381	(-)	CWNAWTKWSATRYN	TAAATTTTATAATT
M00162	V\$OCT1_06	0.80078 1	4383	(+)	CWNAWTKWSATRYN	AATTTTATAATTTT
M00138	V\$OCT1_04	0.90171 5	4385	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTATAATTTCCATTCTCATTA
M00135	V\$OCT1_01	0.78901 2	4387	(-)	NNNNWTATGCAAATNTNNN	TTATAATTTCCATTCTCAT
M00161	V\$OCT1_05	0.93690 9	4389	(+)	MKNATTTGCATAYY	ATAATTTCCATTCT
M00162	V\$OCT1_06	0.86054 7	4389	(+)	CWNAWTKWSATRYN	ATAATTTCCATTCT
M00195	V\$OCT1_Q6	0.88318 8	4389	(-)	NNNNATGCAAATNAN	ATAATTTCCATTCTC
M00162	V\$OCT1_06	0.80859 4	4390	(-)	CWNAWTKWSATRYN	TAATTTCCATTCTC
M00248	V\$OCT1_07	0.89866 4	4391	(-)	TNTATGNTAATT	AATTTCCATTCT
M00137	V\$OCT1_03	0.96246 5	4399	(-)	NNNRTAATNANNN	TTCTCATTATGAT
M00162	V\$OCT1_06	0.80195 3	4401	(+)	CWNAWTKWSATRYN	CTCATTATGATGGA
M00136	V\$OCT1_02	0.81483 5	4408	(-)	NNGAATATKCANNNN	TGATGGAATGTTCTC
M00136	V\$OCT1_02	0.81781 3	4430	(+)	NNGAATATKCANNNN	TACAATATTCTGGAT
M00162	V\$OCT1_06	0.80039 1	4434	(+)	CWNAWTKWSATRYN	ATATTCTGGATGTG
M00137	V\$OCT1_03	0.84393 5	4456	(+)	NNNRTAATNANNN	TCTGTAATTTTAT
M00162	V\$OCT1_06	0.80859 4	4467	(+)	CWNAWTKWSATRYN	ATGACTGAATTGTC
M00136	V\$OCT1_02	0.78938 8	4468	(-)	NNGAATATKCANNNN	TGACTGAATTGTCAA
M00162	V\$OCT1_06	0.82148 4	4473	(-)	CWNAWTKWSATRYN	GAATTGTCAAACAG
M00138	V\$OCT1_04	0.80698 5	4486	(+)	NNNNNNNNWATGCAAATNNNW NNW	GAACACAAATAGAAATTTTATTT
M00135	V\$OCT1_01	0.7314	4488	(+)	NNNNWTATGCAAATNTNNN	ACACAAATAGAAATTTTAT

M00162	V\$OCT1_06	0.86054 7	4491	(+)	CWNAWTKWSATRYN	CAAATAGAAATTTT
M00162	V\$OCT1_06	0.83476 6	4496	(+)	CWNAWTKWSATRYN	AGAAATTTTATTTC
M00162	V\$OCT1_06	0.82656 2	4497	(+)	CWNAWTKWSATRYN	GAAATTTTATTTC
M00162	V\$OCT1_06	0.81367 2	4502	(-)	CWNAWTKWSATRYN	TTTATTTCAAGACC
M00162	V\$OCT1_06	0.89062 5	4516	(-)	CWNAWTKWSATRYN	AGTATTTAAAAGAT
M00138	V\$OCT1_04	0.83688 8	4553	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGAATGATTTTAAATATAATCTT
M00162	V\$OCT1_06	0.82656 2	4557	(+)	CWNAWTKWSATRYN	TGATTTTAAATATA
M00162	V\$OCT1_06	0.86835 9	4611	(-)	CWNAWTKWSATRYN	GGTAAGAAATTCTG
M00162	V\$OCT1_06	0.85312 5	4622	(+)	CWNAWTKWSATRYN	CTGAATAGAATATA
M00136	V\$OCT1_02	0.81212 8	4624	(-)	NNGAATATKCANNNN	GAATAGAATATACTG
M00138	V\$OCT1_04	0.79757 4	4628	(+)	NNNNNNNNWATGCAAATNNNW NNW	AGAATATACTGCAGAATTAACAA
M00248	V\$OCT1_07	0.86220 1	4642	(-)	TNTATGNTAATT	AATTAACAAAGC
M00136	V\$OCT1_02	0.78911 7	4647	(-)	NNGAATATKCANNNN	ACAAAGCATTTTATT
M00162	V\$OCT1_06	0.82929 7	4650	(+)	CWNAWTKWSATRYN	AAGCATTTTATTCT
M00162	V\$OCT1_06	0.80703 1	4651	(-)	CWNAWTKWSATRYN	AGCATTTTATTCTA
M00162	V\$OCT1_06	0.80429 7	4661	(-)	CWNAWTKWSATRYN	TCTATGTTATTTAT
M00248	V\$OCT1_07	0.89527 2	4661	(+)	TNTATGNTAATT	TCTATGTTATTT
M00135	V\$OCT1_01	0.75753 5	4667	(+)	NNNNWTATGCAAATNTNNN	TTATTTATGGTATTATACC
M00248	V\$OCT1_07	0.79520 9	4670	(+)	TNTATGNTAATT	TTTATGGTATTA
M00138	V\$OCT1_04	0.79903 8	4673	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATGGTATTATACCAATTCTTTAT
M00135	V\$OCT1_01	0.73731 4	4675	(+)	NNNNWTATGCAAATNTNNN	GGTATTATACCAATTCTTT
M00162	V\$OCT1_06	0.83437 5	4690	(+)	CWNAWTKWSATRYN	CTTTATGCTTTT
M00162	V\$OCT1_06	0.80039 1	4710	(-)	CWNAWTKWSATRYN	AAAATCACTTAGAT
M00162	V\$OCT1_06	0.82695 3	4713	(+)	CWNAWTKWSATRYN	ATCACTTAGATTAT
M00137	V\$OCT1_03	0.88542 1	4720	(-)	NNNRTAATNANNN	AGATTATTATTAG
M00135	V\$OCT1_01	0.73616 9	4723	(-)	NNNNWTATGCAAATNTNNN	TTATTATTAGATTATTGAA
M00137	V\$OCT1_03	0.84709 6	4723	(-)	NNNRTAATNANNN	TTATTATTAGATT
M00138	V\$OCT1_04	0.79109 2	4787	(-)	NNNNNNNNWATGCAAATNNNW NNW	ATGAAAGATAATAATAGTCAAAT
M00137	V\$OCT1_03	0.86764 1	4791	(+)	NNNRTAATNANNN	AAGATAATAATAG
M00138	V\$OCT1_04	0.82852 4	4794	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATAATAATAGTCAAATTTACTGG
M00135	V\$OCT1_01	0.76325 8	4796	(+)	NNNNWTATGCAAATNTNNN	AATAATAGTCAAATTTACT
M00136	V\$OCT1_02	0.81700 1	4796	(+)	NNGAATATKCANNNN	AATAATAGTCAAATT
M00248	V\$OCT1_07	0.79520 9	4799	(+)	TNTATGNTAATT	AATAGTCAAATT

M00138	V\$OCT1_04	0.81158 5	4818	(+)	NNNNNNNNWATGCAAATNNNW NNW	ACAAAATTTTTTAAATATTTTAA
M00138	V\$OCT1_04	0.83061 5	4819	(-)	NNNNNNNNWATGCAAATNNNW NNW	CAAAATTTTTTAAATATTTTAA
M00162	V\$OCT1_06	0.90351 6	4823	(+)	CWNAWTKWSATRYN	ATTTTTTAAATATT
M00136	V\$OCT1_02	0.83107 7	4825	(-)	NNGAATATKCANNNN	TTTTTAAATATTTTT
M00137	V\$OCT1_03	0.84275 4867	(+)	NNNRTAATNANNN	TAAATAAAGAAAA	
M00138	V\$OCT1_04	0.78356 3	4902	(+)	NNNNNNNNWATGCAAATNNNW NNW	AAATGATATTGCAAGAAATATTA
M00135	V\$OCT1_01	0.75333 8	4931	(-)	NNNNWTATGCAAATNTNNN	TCACAAAAAGCATATTTAT
M00136	V\$OCT1_02	0.87574 4	4935	(-)	NNGAATATKCANNNN	AAAAAGCATATTTAT
M00136	V\$OCT1_02	0.84163 5	4938	(+)	NNGAATATKCANNNN	AAGCATATTTATTTT
M00162	V\$OCT1_06	0.80429 7	4941	(+)	CWNAWTKWSATRYN	CATATTTATTTTTT
M00162	V\$OCT1_06	0.84218 7	4941	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CATATTTATTTTTT
M00138	V\$OCT1_04	0.78189 4943	(-)	NNW	TATTTATTTTTTAAATTGCAGCA	
M00162	V\$OCT1_06	0.82148 4	4947	(+)	CWNAWTKWSATRYN	TATTTTTTAATTG
M00248	V\$OCT1_07	0.83167 3	4947	(+)	TNTATGNTAATT	TATTTTTTAATT
M00138	V\$OCT1_04	0.86344 6	4949	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTTTAATTTGCAGCAGCAAAA
M00135	V\$OCT1_01	0.74418 2	4951	(-)	NNNNWTATGCAAATNTNNN	TTTAAATTTGCAGCAGCAA
M00162	V\$OCT1_06	0.87343 7	4967	(+)	CWNAWTKWSATRYN	CAAAATGTAAGATA
M00162	V\$OCT1_06	0.89843 7	4968	(-)	CWNAWTKWSATRYN	AAAATGTAAGATAC
M00162	V\$OCT1_06	0.83398 4	4978	(+)	CWNAWTKWSATRYN	ATACATTCTTACA
M00162	V\$OCT1_06	0.84218 7	4979	(-)	CWNAWTKWSATRYN	TACATTCTTACAG
M00162	V\$OCT1_06	0.82109 4	4982	(+)	CWNAWTKWSATRYN	ATTCTTACAGATA
M00136	V\$OCT1_02	0.77233 4	4989	(+)	NNGAATATKCANNNN	ACAGATATCCATCCA
M00162	V\$OCT1_06	0.85507 8	4998	(+)	CWNAWTKWSATRYN	CATCCATTCATGTT
M00162	V\$OCT1_06	0.80039 1	5039	(-)	CWNAWTKWSATRYN	AACATCAATGAACT
M00248	V\$OCT1_07	0.79245 3	5062	(-)	TNTATGNTAATT	AAGGAACATAAA
M00162	V\$OCT1_06	0.86835 9	5069	(+)	CWNAWTKWSATRYN	ATAAATGATATTTA
M00138	V\$OCT1_04	0.86072 8	5070	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAAATGATATTTAAATTATTTA
M00162	V\$OCT1_06	0.80429 7	5070	(-)	CWNAWTKWSATRYN	TAAATGATATTTAA
M00138	V\$OCT1_04	0.84671 7	5071	(-)	NNNNNNNNWATGCAAATNNNW NNW	AAATGATATTTAAATTATTTAA
M00135	V\$OCT1_01	0.73407 1	5072	(+)	NNNNWTATGCAAATNTNNN	AATGATATTTAAATTATTT
M00136	V\$OCT1_02	0.79453 2	5072	(+)	NNGAATATKCANNNN	AATGATATTTAAATT
M00135	V\$OCT1_01	0.7438 5073	(-)	NNNNWTATGCAAATNTNNN	ATGATATTTAAATTATTTT	
M00195	V\$OCT1_Q6	0.80431 2	5074	(+)	NNNNATGCAAATNAN	TGATATTTAAATTAT

M00162	V\$OCT1_06	0.84765 6	5075	(+)	CWNAWTKWSATRYN	GATATTTAAATTAT
M00162	V\$OCT1_06	0.91679 7	5075	(-)	CWNAWTKWSATRYN	GATATTTAAATTAT
M00248	V\$OCT1_07	0.87258 9	5075	(+)	TNTATGNTAATT	GATATTTAAATT
M00138	V\$OCT1_04	0.81200 3	5079	(+)	NNNNNNNNWATGCAAATNNNW	TTTAAATTATTTTAAAGTTACCT
M00138	V\$OCT1_04	0.78168 1	5081	(-)	NNW	TAAATTATTTTAAAGTTACCTCA
M00162	V\$OCT1_06	0.83945 3	5084	(+)	NNNNNNNNWATGCAAATNNNW	ATTATTTTAAAGTT
M00162	V\$OCT1_06	0.81875 0.83945	5086	(-)	CWNAWTKWSATRYN	TATTTTAAAGTTAC
M00162	V\$OCT1_06	3	5097	(-)	CWNAWTKWSATRYN	TACCTCAAAATCAT
M00162	V\$OCT1_06	0.87890 6	5103	(-)	CWNAWTKWSATRYN	AAAATCATAATTTG
M00137	V\$OCT1_03	0.84512 1	5106	(+)	NNNRTAATNANNN	ATCATAATTTGCA
M00136	V\$OCT1_02	0.78180 8	5108	(+)	NNGAATATKCANNNN	CATAATTTGCAACCT
M00195	V\$OCT1_Q6	0.82450 9	5109	(-)	NNNNATGCAAATNAN	ATAATTTGCAACCTA
M00137	V\$OCT1_03	0.84116 9	5137	(+)	NNNRTAATNANNN	TTGACAAAGAGAA
M00138	V\$OCT1_04	0.79171 9	5148	(+)	NNNNNNNNWATGCAAATNNNW	AATTTTAAAGGGAAAAACAGAGT
M00138	V\$OCT1_04	0.87683 0.77947	5178	(+)	NNW	TCAAGATAATGAAAATACGAAAA
M00135	V\$OCT1_01	3	5180	(+)	NNNNWTATGCAAATNTNNN	AAGATAATGAAAATACGAA
M00137	V\$OCT1_03	0.89766 9	5180	(+)	NNNRTAATNANNN	AAGATAATGAAAA
M00195	V\$OCT1_Q6	0.85207 4	5182	(+)	NNNNATGCAAATNAN	GATAATGAAAATACG
M00161	V\$OCT1_05	0.85837 6	5183	(-)	MKNATTTGCATAYY	ATAATGAAAATACG
M00162	V\$OCT1_06	0.86601 6	5183	(-)	CWNAWTKWSATRYN	ATAATGAAAATACG
M00248	V\$OCT1_07	0.79181 7	5185	(-)	TNTATGNTAATT	AATGAAAATACG
M00138	V\$OCT1_04	0.80593 9	5186	(+)	NNNNNNNNWATGCAAATNNNW	ATGAAAATACGAAAATTTTCTTT
M00135	V\$OCT1_01	0.76879 1	5188	(+)	NNW	GAAAATACGAAAATTTTCT
M00162	V\$OCT1_06	0.86015 6	5191	(-)	NNNNWTATGCAAATNTNNN	AATACGAAAATTTT
M00162	V\$OCT1_06	0.87578 1	5259	(+)	CWNAWTKWSATRYN	AAAAATTTCTCTGTA
M00162	V\$OCT1_06	0.82148 4	5290	(-)	CWNAWTKWSATRYN	GAACCTTCAAAATG
M00162	V\$OCT1_06	0.82109 4	5322	(+)	CWNAWTKWSATRYN	GAATTCTAAATATT
M00162	V\$OCT1_06	0.83437 5	5322	(-)	CWNAWTKWSATRYN	GAATTCTAAATATT
M00136	V\$OCT1_02	0.82674 6	5324	(-)	NNGAATATKCANNNN	ATTCTAAATATTGAT
M00136	V\$OCT1_02	0.77287 5	5327	(+)	NNGAATATKCANNNN	CTAAATATTGATTTT
M00135	V\$OCT1_01	0.74055 7	5348	(+)	NNNNWTATGCAAATNTNNN	TTAACTTTGCAACTGTGAA
M00138	V\$OCT1_04	0.80677 5	5370	(-)	NNNNNNNNWATGCAAATNNNW	ACAAGGCATTAGTATAAATGAAT
M00135	V\$OCT1_01	0.80255 6	5372	(-)	NNW	AAGGCATTAGTATAAATGA

M00248	V\$OCT1_07	0.80029 7	5376	(-)	TNTATGNTAATT	CATTAGTATAAA
M00162	V\$OCT1_06	0.83437 5	5384	(-)	CWNAWTKWSATRYN	TAAATGAATGAATG
M00162	V\$OCT1_06	0.84218 7	5404	(-)	CWNAWTKWSATRYN	AGAATGAATTAGTG
M00162	V\$OCT1_06	0.83945 3	5477	(-)	CWNAWTKWSATRYN	AGTACTACATAAAG
M00162	V\$OCT1_06	0.80429 7	5484	(+)	CWNAWTKWSATRYN	CATAAAGCAATATA
M00138	V\$OCT1_04	0.83019 7	5506	(-)	NNNNNNNNWATGCAAATNNNW NNW	AAGAATGTTTTACATGTCAATTT
M00162	V\$OCT1_06	0.90625	5510	(+)	CWNAWTKWSATRYN	ATGTTTTACATGTC
M00195	V\$OCT1_Q6	0.80786 0.80217	5510	(-)	NNNNNATGCAAATNAN NNNNNNNNWATGCAAATNNNW	ATGTTTTACATGTCA
M00138	V\$OCT1_04	0.74170 5	5511	(+)	NNW	TGTTTTACATGTCAATTTGATCA
M00135	V\$OCT1_01	0.99218 2	5513	(+)	NNNNWTATGCAAATNTNNN	TTTTACATGTCAATTTGAT
M00162	V\$OCT1_06	0.84206 8	5516	(-)	CWNAWTKWSATRYN	TACATGTCAATTTG
M00248	V\$OCT1_07	0.80820 1	5516	(+)	TNTATGNTAATT	TACATGTCAATT
M00162	V\$OCT1_06	0.81806 3	5538	(-)	CWNAWTKWSATRYN	TGTTTTTCAAAGTT
M00138	V\$OCT1_04	0.85262 8	5558	(+)	NNNNNNNNWATGCAAATNNNW NNW	GCTTTGTTATTAACAAAAAACATA
M00137	V\$OCT1_03	0.79732 7	5561	(-)	NNNRTAATNANNN	TTGTTATTAACAAA
M00248	V\$OCT1_07	0.89062 9	5571	(-)	TNTATGNTAATT	AAAAAACATACA
M00162	V\$OCT1_06	0.79732 5	5583	(-)	CWNAWTKWSATRYN	GGTATTTAAAAAAC
M00248	V\$OCT1_07	0.85236 9	5590	(-)	TNTATGNTAATT	AAAAAACATACA
M00138	V\$OCT1_04	0.82656 3	5597	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATACAGGTATTTAAAAATTACA
M00162	V\$OCT1_06	0.89843 2	5602	(+)	CWNAWTKWSATRYN	GGTATTTAAAAATT
M00162	V\$OCT1_06	0.83709 7	5602	(-)	CWNAWTKWSATRYN	GGTATTTAAAAATT
M00138	V\$OCT1_04	0.81375 7	5606	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTAAAAATTTACAGCTTCTTAA
M00136	V\$OCT1_02	0.84813 2	5621	(-)	NNGAATATKCANNNN	CTTCTTAATATTCTT
M00136	V\$OCT1_02	0.81328 2	5624	(+)	NNGAATATKCANNNN	CTTAATATTCTTCAT
M00162	V\$OCT1_06	0.78628 1	5628	(+)	CWNAWTKWSATRYN	ATATTCTTCATACC
M00138	V\$OCT1_04	0.80238 2	5694	(+)	NNNNNNNNWATGCAAATNNNW NNW	GATTCTTTATTTTAAAACTATTA
M00138	V\$OCT1_04	0.80238 4	5697	(-)	NNNNNNNNWATGCAAATNNNW NNW	TCTTTATTTTAAAACTATTAAAT
M00162	V\$OCT1_06	0.90625 0.80429	5709	(+)	CWNAWTKWSATRYN	AACTATTAAATATA
M00162	V\$OCT1_06	0.80363 7	5717	(-)	CWNAWTKWSATRYN	AATATAATATAATG
M00138	V\$OCT1_04	0.89016 9	5720	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATAATATAATGAAAAGAAAGAAG
M00137	V\$OCT1_03	0.81765 2	5722	(+)	NNNRTAATNANNN	AATATAATGAAAA
M00138	V\$OCT1_04	0.78920 0.81765	5743	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAAAAAATATCCTAATCAAATAT
M00135	V\$OCT1_01	0.78920 3	5745	(+)	NNNNWTATGCAAATNTNNN	AAAAATATCCTAATCAAAT

M00136	V\$OCT1_02	0.77693 6	5745	(+)	NNGAATATKCANNNN	AAAAATATCCTAATC
M00195	V\$OCT1_Q6	0.81222 7	5747	(+)	NNNNATGCAAATNAN	AAATATCCTAATCAA
M00137	V\$OCT1_03	0.89134 7	5751	(+)	NNNRTAATNANNN	ATCCTAATCAAAT
M00162	V\$OCT1_06	0.80468 7	5753	(+)	CWNAWTKWSATRYN	CCTAATCAAATATC
M00162	V\$OCT1_06	0.80078 1	5754	(-)	CWNAWTKWSATRYN	CTAATCAAATATCC
M00136	V\$OCT1_02	0.79074 2	5755	(-)	NNGAATATKCANNNN NNNNNNNNWATGCAAATNNNW	TAATCAAATATCCTT TCCTTTAAGTATCCTAATCAAGA
M00138	V\$OCT1_04	0.78921 0.79187	5765	(-)	NNW	
M00135	V\$OCT1_01	3	5769	(+)	NNNNWTATGCAAATNTNNN	TTAAGTATCCTAATCAAGA
M00195	V\$OCT1_Q6	0.80458 5	5771	(+)	NNNNATGCAAATNAN	AAGTATCCTAATCAA
M00137	V\$OCT1_03	0.89095 2	5775	(+)	NNNRTAATNANNN	ATCCTAATCAAGA
M00162	V\$OCT1_06	0.82109 4	5788	(-)	CWNAWTKWSATRYN	TGAATGAACAATTC
M00162	V\$OCT1_06	0.81367 2	5810	(-)	CWNAWTKWSATRYN	CAAAACTAAAACAG
M00162	V\$OCT1_06	0.82109 4	5823	(-)	CWNAWTKWSATRYN	GATATCTCTAATTC
M00138	V\$OCT1_04	0.82517 8	5825	(+)	NNNNNNNNWATGCAAATNNNW NNW	TATCTCTAATTCAAAGAAAAAAA
M00138	V\$OCT1_04	0.79276 5	5841	(+)	NNNNNNNNWATGCAAATNNNW NNW	AAAAAAAGATGCAACATGTATGT
M00136	V\$OCT1_02	0.78641 0.80429	5843	(+)	NNGAATATKCANNNN	AAAAAGATGCAACAT
M00162	V\$OCT1_06	7	5868	(+)	CWNAWTKWSATRYN	CAAAATTGGCTGGA
M00162	V\$OCT1_06	0.81367 2	5934	(+)	CWNAWTKWSATRYN	CTCTCTGTACTGCT
M00162	V\$OCT1_06	0.80078 1	5971	(-)	CWNAWTKWSATRYN	CAAACTACATGGAG
M00136	V\$OCT1_02	0.77801 8	5979	(-)	NNGAATATKCANNNN	ATGGAGAAAATTCAT
M00136	V\$OCT1_02	0.89171 6	5982	(+)	NNGAATATKCANNNN	GAGAAAATTCATTTT
M00162	V\$OCT1_06	0.83437 5	5983	(+)	CWNAWTKWSATRYN	AGAAAATTCATTTT
M00162	V\$OCT1_06	0.85546 9	5984	(-)	CWNAWTKWSATRYN	GAAAATTCATTTTG
M00138	V\$OCT1_04	0.80991 2	5986	(-)	NNNNNNNNWATGCAAATNNNW NNW	AAATTCATTTTGCTTAAATATT
M00135	V\$OCT1_01	0.77985 5	5988	(-)	NNNNWTATGCAAATNTNNN	ATTCATTTTGCTTAAATAT
M00138	V\$OCT1_04	0.80531 2	5990	(-)	NNNNNNNNWATGCAAATNNNW NNW	TCATTTTGCTTAAATATTATAC
M00136	V\$OCT1_02	0.84055 2	5996	(-)	NNGAATATKCANNNN	TGCTTAAATATTTAT
M00138	V\$OCT1_04	0.82434 1	5996	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGCTTAAATATTTATACATTATT
M00136	V\$OCT1_02	0.81023 3	5999	(+)	NNGAATATKCANNNN	TTAAATATTATACA
M00138	V\$OCT1_04	0.85445 4	6000	(-)	NNNNNNNNWATGCAAATNNNW NNW	TAAATATTATACATTATTGAAC
M00137	V\$OCT1_03	0.85341 8	6001	(-)	NNNRTAATNANNN	AAATATTATACA
M00136	V\$OCT1_02	0.77368 7	6044	(-)	NNGAATATKCANNNN	TTGTCACATAATCTT
M00137	V\$OCT1_03	0.86685 1	6048	(+)	NNNRTAATNANNN	CACATAATCTTTA

		0.80859				
M00162	V\$OCT1_06	4	6058	(-)	CWNAWTKWSATRYN	TTAATCCAATGCTC
		0.79067			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	6117	(+)	NNW	TTAGTTAAAGGAAAATGTAGAAT
		0.79067			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	6123	(+)	NNW	AAAGGAAAATGTAGAATATTTAC
		0.78532				
M00136	V\$OCT1_02	8	6125	(+)	NNGAATATKCANNNN	AGGAAAATGTAGAAT
		0.78941			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	6125	(-)	NNW	AGGAAAATGTAGAATATTTACAA
		0.82109				
M00162	V\$OCT1_06	4	6128	(-)	CWNAWTKWSATRYN	AAAATGTAGAATAT
		0.83622				
M00136	V\$OCT1_02	1	6131	(-)	NNGAATATKCANNNN	ATGTAGAATATTTAC
		0.84461				
M00136	V\$OCT1_02	3	6134	(+)	NNGAATATKCANNNN	TAGAATATTTACAAT
		0.79046			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	6134	(-)	NNW	TAGAATATTTACAATGATTTATC
		0.87475				
M00137	V\$OCT1_03	3	6141	(+)	NNNRTAATNANNN	TTTACAATGATTT
		0.75009				
M00135	V\$OCT1_01	5	6158	(+)	NNNNWTATGCAAATNTNNN	AAACATATAAAAATCTACA
		0.86289				
M00162	V\$OCT1_06	1	6159	(-)	CWNAWTKWSATRYN	AACATATAAAAATC
		0.78419			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	6163	(-)	NNW	TATAAAAATCTACAGCACTTTTT
		0.80039				
M00162	V\$OCT1_06	1	6167	(-)	CWNAWTKWSATRYN	AAAATCTACAGCAC
		0.87265				
M00162	V\$OCT1_06	6	6190	(+)	CWNAWTKWSATRYN	AGCTCTGAAATGCA
		0.81723			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	6191	(+)	NNW	GCTCTGAAATGCAGATTAAAGAG
		0.73845				
M00135	V\$OCT1_01	9	6193	(+)	NNNNWTATGCAAATNTNNN	TCTGAAATGCAGATTAAAG
		0.80649				
M00195	V\$OCT1_Q6	6	6195	(+)	NNNNATGCAAATNAN	TGAAATGCAGATTAA
		0.78289				
M00136	V\$OCT1_02	1	6196	(-)	NNGAATATKCANNNN	GAAATGCAGATTAAA
		0.79548			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	6204	(+)	NNW	GATTAAAGAGGAAAATTCTTCAG
		0.78478				
M00136	V\$OCT1_02	6	6209	(-)	NNGAATATKCANNNN	AAGAGGAAAATTCTT
		0.80265				
M00136	V\$OCT1_02	3	6212	(+)	NNGAATATKCANNNN	AGGAAAATTCTTCAG
		0.79046			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	6239	(+)	NNW	GTAGGCTTTTTTAAAATTTTCCT
		0.80384			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	6241	(-)	NNW	AGGCTTTTTTAAAATTTTCCTTA
		0.82656				
M00162	V\$OCT1_06	2	6244	(+)	CWNAWTKWSATRYN	CTTTTTTAAAATTT
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.81284	6247	(-)	NNW	TTTTAAAATTTTCCTTACCAGTT
		0.85144				
M00137	V\$OCT1_03	2	6255	(-)	NNNRTAATNANNN	TTTCCTTACCAG
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.78921	6289	(-)	NNW	TATTCCTTTGGCATCCATTTTA
		0.83437				
M00162	V\$OCT1_06	5	6299	(-)	CWNAWTKWSATRYN	GGCATCCATTTTAT
		0.80859				
M00162	V\$OCT1_06	4	6302	(+)	CWNAWTKWSATRYN	ATCCATTTTATTTG
		0.89315				
M00248	V\$OCT1_07	2	6310	(+)	TNTATGNTAATT	TATTTGGTAATT
		0.80384			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	6312	(-)	NNW	TTTGGTAATTATCATTTTATATT
		0.89845				
M00137	V\$OCT1_03	9	6313	(+)	NNNRTAATNANNN	TTGGTAATTATCA

		0.74399				
M00135	V\$OCT1_01	1	6314	(-)	NNNNWTATGCAAATNTNNN	TGGTAATTATCATTTTATA
		0.86882				
M00137	V\$OCT1_03	7	6314	(-)	NNNRTAATNANNN	TGGTAATTATCAT
		0.91565				
M00161	V\$OCT1_05	7	6316	(+)	MKNATTTGCATAYY	GTAATTATCATTTT
		0.85273				
M00162	V\$OCT1_06	4	6316	(+)	CWNAWTKWSATRYN	GTAATTATCATTTT
		0.81550				
M00195	V\$OCT1_Q6	2	6316	(-)	NNNNATGCAAATNAN	GTAATTATCATTTTA
		0.84333				
M00248	V\$OCT1_07	3	6318	(-)	TNTATGNTAATT	AATTATCATTTT
		0.78649			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	6319	(-)	NNW	ATTATCATTTTATATTGGAATGT
		0.80761			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	6325	(-)	NNW	ATTTTATATTGGAATGTTTGCA
		0.86835				
M00162	V\$OCT1_06	9	6329	(+)	CWNAWTKWSATRYN	TATATTGGAATGTT
		0.79652			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	6334	(-)	NNW	TGGAATGTTTGTTCATGAAAAATA
		0.83437				
M00162	V\$OCT1_06	5	6338	(+)	CWNAWTKWSATRYN	ATGTTTGTTCATGAA
		0.80844			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	6339	(+)	NNW	TGTTTGTTCATGAAAAATAAAGTT
		0.82656				
M00162	V\$OCT1_06	2	6354	(+)	CWNAWTKWSATRYN	ATAAAGTTAATTCT
		0.81704				
M00248	V\$OCT1_07	5	6354	(+)	TNTATGNTAATT	ATAAAGTTAATT
		0.82929				
M00162	V\$OCT1_06	7	6355	(-)	CWNAWTKWSATRYN	TAAAGTTAATTCTC
		0.78080				
M00135	V\$OCT1_01	9	6393	(+)	NNNNWTATGCAAATNTNNN	TGGAAGATGCTAAGGTAAG
		0.79569			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	6405	(-)	NNW	AGGTAAGATCTTTATTTTAATAA
		0.78586			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	6410	(+)	NNW	AGATCTTTATTTTAATAAACTCT
		0.80175			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	6411	(-)	NNW	GATCTTTATTTTAATAAACTCTA
		0.73235				
M00135	V\$OCT1_01	4	6412	(+)	NNNNWTATGCAAATNTNNN	ATCTTTATTTTAATAAACT
		0.83167				
M00248	V\$OCT1_07	3	6415	(+)	TNTATGNTAATT	TTTATTTTAATA
		0.85507				
M00162	V\$OCT1_06	8	6438	(-)	CWNAWTKWSATRYN	TATATATCATAAAC
		0.87040				
M00137	V\$OCT1_03	7	6443	(+)	NNNRTAATNANNN	ATCATAACAAGA
		0.81367				
M00162	V\$OCT1_06	2	6522	(-)	CWNAWTKWSATRYN	CATACCCAAGAATG
		0.83945				
M00162	V\$OCT1_06	3	6566	(+)	CWNAWTKWSATRYN	GGAAATTTGACATT
		0.91914				
M00162	V\$OCT1_06	1	6568	(+)	CWNAWTKWSATRYN	AAATTTGACATTTA
		0.86015				
M00162	V\$OCT1_06	6	6569	(-)	CWNAWTKWSATRYN	AATTTGACATTTAC
		0.82350			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	6570	(-)	NNW	ATTTGACATTTACATGATCAGGA
		0.83937				
M00135	V\$OCT1_01	4	6572	(-)	NNNNWTATGCAAATNTNNN	TTGACATTTACATGATCAG
		0.87617				
M00162	V\$OCT1_06	2	6574	(+)	CWNAWTKWSATRYN	GACATTTACATGAT
		0.82148				
M00162	V\$OCT1_06	4	6574	(-)	CWNAWTKWSATRYN	GACATTTACATGAT
		0.81086				
M00195	V\$OCT1_Q6	2	6574	(-)	NNNNATGCAAATNAN	GACATTTACATGATC
		0.79308				
M00248	V\$OCT1_07	9	6576	(-)	TNTATGNTAATT	CATTTACATGAT

M00135	V\$OCT1_01	0.73159 1	6592	(-)	NNNNWTATGCAAATNTNNN	AGAAACTTTGCTTCTTTAT
M00162	V\$OCT1_06	0.82656 2	6593	(+)	CWNAWTKWSATRYN	GAAACTTTGCTTCT
M00137	V\$OCT1_03	0.84037 9	6601	(-)	NNNRTAATNANNN	GCTTCTTTATTAA
M00138	V\$OCT1_04	0.82768 7	6601	(+)	NNNNNNNWTATGCAAATNNNW NNW	GCTTCTTTATTAATAAATCAAGAGT
M00162	V\$OCT1_06	0.83437 5	6605	(+)	CWNAWTKWSATRYN	CTTTATTAATAAATCA
M00162	V\$OCT1_06	0.85273 4	6625	(-)	CWNAWTKWSATRYN	AAAAGCAAAATGTG
M00138	V\$OCT1_04	0.78314 5	6627	(-)	NNNNNNNWTATGCAAATNNNW NNW	AAGCAAAATGTGCATGAGTGTTT
M00135	V\$OCT1_01	0.79053 8	6629	(-)	NNNNWTATGCAAATNTNNN	GCAAAATGTGCATGAGTGT
M00138	V\$OCT1_04	0.81095 8	6638	(+)	NNNNNNNWTATGCAAATNNNW NNW	GCATGAGTGTTTAAAAATGAACA
M00162	V\$OCT1_06	0.84726 6	6643	(-)	CWNAWTKWSATRYN	AGTGTTTAAAAATG
M00162	V\$OCT1_06	0.86054 7	6651	(-)	CWNAWTKWSATRYN	AAAATGAACATCTG
M00162	V\$OCT1_06	0.81328 1	6663	(-)	CWNAWTKWSATRYN	TGACTCAAAAAATT
M00162	V\$OCT1_06	0.80078 1	6671	(-)	CWNAWTKWSATRYN	AAAATTAATAACCT
M00162	V\$OCT1_06	0.82148 4	6685	(+)	CWNAWTKWSATRYN	GTTTCTGTCATCCC
M00162	V\$OCT1_06	0.84218 7	6747	(+)	CWNAWTKWSATRYN	AAGAATTTATTGCA
M00162	V\$OCT1_06	0.82148 4	6748	(-)	CWNAWTKWSATRYN	AGAATTTATTGCAG
M00137	V\$OCT1_03	0.84788 6	6758	(+)	NNNRTAATNANNN	GCAGCAATTATGT
M00162	V\$OCT1_06	0.81367 2	6774	(+)	CWNAWTKWSATRYN	ATCAATGGGCTATG
M00162	V\$OCT1_06	0.82929 7	6800	(+)	CWNAWTKWSATRYN	CACTCAGTCATGCC
M00162	V\$OCT1_06	0.89335 9	6838	(-)	CWNAWTKWSATRYN	AGCATGCCAGGCTT
M00162	V\$OCT1_06	0.83437 5	6899	(+)	CWNAWTKWSATRYN	CAGTCAGTGATGCT
M00162	V\$OCT1_06	0.80859 4	6933	(-)	CWNAWTKWSATRYN	GACATCCCTGTCTC
M00135	V\$OCT1_01	0.75600 9	6990	(-)	NNNNWTATGCAAATNTNNN	CGGTTCTTGCATCAGGTG
M00195	V\$OCT1_Q6	0.83597 2	6992	(-)	NNNNATGCAAATNAN	GTTCTTTGCATCAGG
M00162	V\$OCT1_06	0.80078 1	7014	(+)	CWNAWTKWSATRYN	AGTATTGAACTTC
M00248	V\$OCT1_07	0.79605 7	7014	(+)	TNTATGNTAATT	AGTATTGAACT
M00135	V\$OCT1_01	0.73292 6	7026	(-)	NNNNWTATGCAAATNTNNN	TCAGCTTTAGCATCAGTTC
M00136	V\$OCT1_02	0.93015 7	7047	(-)	NNGAATATKCANNNN	CCAATGAATATTCAG
M00136	V\$OCT1_02	0.96318 4	7050	(+)	NNGAATATKCANNNN	ATGAATATTCAGGAT
M00162	V\$OCT1_06	0.81367 2	7053	(-)	CWNAWTKWSATRYN	AATATTCAGGATTG
M00135	V\$OCT1_01	0.74284 6	7093	(-)	NNNNWTATGCAAATNTNNN	TCTCCAGTAGCATGTTGGG
M00162	V\$OCT1_06	0.80859 4	7133	(-)	CWNAWTKWSATRYN	CATCTTTCAGTGTC
M00135	V\$OCT1_01	0.75734 5	7154	(-)	NNNNWTATGCAAATNTNNN	TTAACGTTTTCATACTGTT

		0.85507				
M00162	V\$OCT1_06	8	7156	(+)	CWNAWTKWSATRYN	AACGTTTTCATACT
		0.82968				
M00162	V\$OCT1_06	7	7209	(-)	CWNAWTKWSATRYN	CCCATTCATTCTC
		0.81577				
M00195	V\$OCT1_Q6	5	7248	(+)	NNNNATGCAATNAN	AAACATGAAAAAAT
		0.92421				
M00162	V\$OCT1_06	9	7249	(-)	CWNAWTKWSATRYN	AACATGAAAAAAT
		0.82512				
M00136	V\$OCT1_02	2	7255	(+)	NNGAATATKCANNNN	AAAAAAATTCATTAG
		0.88463				
M00137	V\$OCT1_03	1	7260	(-)	NNNRTAATNANNN	AATTCATTAGCCC
		0.85578				
M00137	V\$OCT1_03	8	7277	(-)	NNNRTAATNANNN	TACTTTTTACTCA
		0.79318			NNNNNNNNWATGCAAAATNNNW	
M00138	V\$OCT1_04	3	7306	(-)	NNW	ACTATTTGCTGCATATTAGAAT
		0.86464				
M00136	V\$OCT1_02	5	7312	(-)	NNGAATATKCANNNN	TTGCTGCATATTAGA
		0.75276				
M00135	V\$OCT1_01	6	7316	(-)	NNNNWTATGCAAAATNTNNN	TGCATATTAGAATCAATAT
					NNNNNNNNWATGCAAAATNNNW	
M00138	V\$OCT1_04	0.78189	7319	(+)	NNW	ATATTAGAATCAATATCTTAGTA
		0.82656				
M00162	V\$OCT1_06	2	7324	(-)	CWNAWTKWSATRYN	AGAATCAATATCTT
M00135	V\$OCT1_01	0.73884	7327	(+)	NNNNWTATGCAAAATNTNNN	ATCAATATCTTAGTATGTA
		0.88671				
M00162	V\$OCT1_06	9	7330	(-)	CWNAWTKWSATRYN	AATATCTTAGTATG
		0.81210				
M00162	V\$OCT1_06	9	7338	(-)	CWNAWTKWSATRYN	AGTATGTACTTGGG
		0.78732			NNNNNNNNWATGCAAAATNNNW	
M00138	V\$OCT1_04	7	7356	(+)	NNW	GAAATCAGATCCATATGTAAATA
		0.85487			NNNNNNNNWATGCAAAATNNNW	
M00138	V\$OCT1_04	2	7362	(+)	NNW	AGATCCATATGTAAATATGAACA
		0.90995				
M00135	V\$OCT1_01	8	7364	(+)	NNNNWTATGCAAAATNTNNN	ATCCATATGTAAATATGAA
		0.81212				
M00136	V\$OCT1_02	8	7364	(+)	NNGAATATKCANNNN	ATCCATATGTAAATA
		0.82205				
M00195	V\$OCT1_Q6	2	7366	(+)	NNNNATGCAAAATNAN	CCATATGTAAATATG
		0.86054				
M00162	V\$OCT1_06	7	7367	(+)	CWNAWTKWSATRYN	CATATGTAAATATG
		0.97148				
M00162	V\$OCT1_06	4	7367	(-)	CWNAWTKWSATRYN	CATATGTAAATATG
		0.82170				
M00248	V\$OCT1_07	9	7367	(+)	TNTATGNTAATT	CATATGTAAATA
		0.79344				
M00136	V\$OCT1_02	9	7369	(-)	NNGAATATKCANNNN	TATGTAAATATGAAC
		0.85776				
M00137	V\$OCT1_03	4	7369	(+)	NNNRTAATNANNN	TATGTAAATATGA
		0.82141			NNNNNNNNWATGCAAAATNNNW	
M00138	V\$OCT1_04	4	7369	(-)	NNW	TATGTAAATATGAACATCTATGA
		0.76402				
M00135	V\$OCT1_01	1	7372	(+)	NNNNWTATGCAAAATNTNNN	GTAAATATGAACATCTATG
		0.77720				
M00136	V\$OCT1_02	6	7372	(+)	NNGAATATKCANNNN	GTAAATATGAACATC
		0.81601				
M00162	V\$OCT1_06	6	7381	(-)	CWNAWTKWSATRYN	AACATCTATGACTT
		0.79736			NNNNNNNNWATGCAAAATNNNW	
M00138	V\$OCT1_04	5	7387	(+)	NNW	TATGACTTAGGAAAAAACTAAA
		0.86289				
M00162	V\$OCT1_06	1	7400	(+)	CWNAWTKWSATRYN	AAAAACTAAATGTT
		0.83437				
M00162	V\$OCT1_06	5	7400	(-)	CWNAWTKWSATRYN	AAAAACTAAATGTT
		0.80820				
M00162	V\$OCT1_06	3	7401	(-)	CWNAWTKWSATRYN	AAAACTAAATGTTT

		0.80039				
M00162	V\$OCT1_06	1	7408	(-)	CWNAWTKWSATRYN	AATGTTTCAAAGAT
		0.78000			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	7413	(-)	NNW	TTCAAAGATTAGAACTTTTAAAA
		0.81601				
M00162	V\$OCT1_06	6	7425	(+)	CWNAWTKWSATRYN	AACTTTTAAAAAGCT
		0.82148				
M00162	V\$OCT1_06	4	7436	(+)	CWNAWTKWSATRYN	GCTCATGTAATTTT
		0.82773				
M00162	V\$OCT1_06	4	7437	(-)	CWNAWTKWSATRYN	CTCATGTAATTTTA
		0.80585				
M00162	V\$OCT1_06	9	7442	(+)	CWNAWTKWSATRYN	GTAATTTTAGTTCC
		0.83476				
M00162	V\$OCT1_06	6	7455	(+)	CWNAWTKWSATRYN	CATTCTGAAATTGA
		0.87829			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	7469	(-)	NNW	TTGTCTATTTTCATATTCCAA
		0.82659				
M00135	V\$OCT1_01	3	7471	(-)	NNNNWTATGCAAATNTNNN	GTTCTATTTTCATATTCC
		0.81718				
M00162	V\$OCT1_06	7	7473	(+)	CWNAWTKWSATRYN	TCTATTTTCATATT
		0.82805				
M00195	V\$OCT1_Q6	7	7473	(-)	NNNNATGCAAATNAN	TCTATTTTCATATT
		0.78911				
M00136	V\$OCT1_02	7	7475	(-)	NNGAATATKCANNNN	TATTTTCATATTTC
		0.78858			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	7477	(-)	NNW	TTTTCATATTTCGAATTATTTA
		0.80429				
M00162	V\$OCT1_06	7	7481	(+)	CWNAWTKWSATRYN	CATATTTCGAATTT
		0.80820				
M00162	V\$OCT1_06	3	7481	(-)	CWNAWTKWSATRYN	CATATTTCGAATTT
		0.83945				
M00162	V\$OCT1_06	3	7483	(-)	CWNAWTKWSATRYN	TATTTCGAATTTAT
		0.85361			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	7488	(-)	NNW	CCAATTTATTTACATCAAAATTG
		0.73502				
M00135	V\$OCT1_01	5	7490	(-)	NNNNWTATGCAAATNTNNN	AATTTATTTACATCAAAAT
		0.87343				
M00162	V\$OCT1_06	7	7498	(-)	CWNAWTKWSATRYN	TACATCAAAATTGC
M00136	V\$OCT1_02	0.79778	7522	(-)	NNGAATATKCANNNN	TGTGAGAATATAAAC
		0.85312				
M00162	V\$OCT1_06	5	7563	(+)	CWNAWTKWSATRYN	CTCAATAGGATTCT
		0.77693				
M00136	V\$OCT1_02	6	7569	(+)	NNGAATATKCANNNN	AGGATTCTTCATTCC
		0.80859				
M00162	V\$OCT1_06	4	7576	(-)	CWNAWTKWSATRYN	TTCATTCCAGGTTT
		0.87475				
M00137	V\$OCT1_03	3	7589	(-)	NNNRTAATNANNN	TCATTTTATCAC
		0.81618			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	7592	(+)	NNW	TTTTTATCACGAAAATTCATATG
		0.80887				
M00136	V\$OCT1_02	9	7597	(-)	NNGAATATKCANNNN	ATCACGAAAATTCAT
		0.82873			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	7598	(+)	NNW	TCACGAAAATTCATATGCATTG
		0.87114				
M00136	V\$OCT1_02	2	7600	(+)	NNGAATATKCANNNN	ACGAAAATTCATATG
		0.86054				
M00162	V\$OCT1_06	7	7601	(+)	CWNAWTKWSATRYN	CGAAAATTCATATG
		0.82024				
M00136	V\$OCT1_02	9	7603	(-)	NNGAATATKCANNNN	AAAATTCATATGCAT
		0.87703			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	7603	(-)	NNW	AAAATTCATATGCATTTCATTG
		0.81210				
M00162	V\$OCT1_06	9	7603	(+)	CWNAWTKWSATRYN	AAAATTCATATGCA
		0.78795			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	7604	(+)	NNW	AAATTCATATGCATTTCATTCT

M00135	V\$OCT1_01	0.74551 7 0.88738	7605	(-)	NNNNWTATGCAAATNTNNN	AATTCATATGCATTTCAT
M00136	V\$OCT1_02	5 0.85029	7606	(+)	NNGAATATKCANNNN	ATTCATATGCATTTCG
M00136	V\$OCT1_02	8 0.84044	7609	(-)	NNGAATATKCANNNN NNNNNNNWATGCAAATNNNW	CATATGCATTTCAT
M00138	V\$OCT1_04	3 0.82926	7609	(-)	NNW	CATATGCATTTCATTCTACTCA
M00135	V\$OCT1_01	4 0.81510	7611	(-)	NNNNWTATGCAAATNTNNN	TATGCATTTCATTCTACT
M00136	V\$OCT1_02	6 0.88859	7612	(+)	NNGAATATKCANNNN	ATGCATTTCATTCT
M00161	V\$OCT1_05	4 0.83476	7613	(+)	MKNATTTGCATAYY	TGCATTTCATTCT
M00162	V\$OCT1_06	6 0.84525	7613	(+)	CWNAWTKWSATRYN	TGCATTTCATTCT
M00195	V\$OCT1_Q6	1 0.77206	7613	(-)	NNNNATGCAAATNAN	TGCATTTCATTCTA
M00136	V\$OCT1_02	3 0.80474	7615	(-)	NNGAATATKCANNNN	CATTTCATTCTACT
M00248	V\$OCT1_07	9 0.79652	7615	(-)	TNTATGNTAATT NNNNNNNWATGCAAATNNNW	CATTTCATTCT
M00138	V\$OCT1_04	9 0.80937	7632	(-)	NNW	AGAAAGTATCTGTATTTGTTTAA
M00162	V\$OCT1_06	5 0.78314	7636	(-)	CWNAWTKWSATRYN NNNNNNNWATGCAAATNNNW	AGTATCTGTATTTG
M00138	V\$OCT1_04	5 0.82656	7641	(+)	NNW	CTGTATTTGTTTAAATAAAAAAGG
M00162	V\$OCT1_06	2 0.78879	7641	(+)	CWNAWTKWSATRYN NNNNNNNWATGCAAATNNNW	CTGTATTTGTTTAAATAAAAAAGG
M00138	V\$OCT1_04	1	7642	(-)	NNW	TGTATTTGTTTAAATAAAAAAGGT
M00137	V\$OCT1_03	0.84196 0.87949	7649	(+)	NNNRTAATNANNN	GTTTAAATAAAAA
M00137	V\$OCT1_03	4	7652	(+)	NNNRTAATNANNN	TTAATAAAAAAGGT
M00137	V\$OCT1_03	0.88384 0.80593	7680	(-)	NNNRTAATNANNN NNNNNNNWATGCAAATNNNW	AAGTTATTATACT
M00138	V\$OCT1_04	9 0.82656	7701	(-)	NNW	CAACATATTTAAATAAAATTGA
M00162	V\$OCT1_06	2 0.80771	7705	(+)	CWNAWTKWSATRYN	ATATTTTAAATAAA
M00248	V\$OCT1_07	7 0.84765	7707	(-)	TNTATGNTAATT	ATTTTAAATAAA
M00162	V\$OCT1_06	6 0.78168	7711	(-)	CWNAWTKWSATRYN NNNNNNNWATGCAAATNNNW	TAAATAAAATTGAC
M00138	V\$OCT1_04	1 0.84218	7712	(+)	NNW	AAATAAAATTGACAATCCAAAAA
M00162	V\$OCT1_06	7 0.81555	7716	(+)	CWNAWTKWSATRYN NNNNNNNWATGCAAATNNNW	AAAATTGACAATCC
M00138	V\$OCT1_04	8 0.74780	7718	(+)	NNW	AATTGACAATCCAAAAAAAAGTA
M00135	V\$OCT1_01	6 0.84218	7730	(+)	NNNNWTATGCAAATNTNNN	AAAAAAAAGTAAATTTTAT
M00162	V\$OCT1_06	7 0.85507	7733	(+)	CWNAWTKWSATRYN	AAAAAGTAAATTTT
M00162	V\$OCT1_06	8 0.79308	7733	(-)	CWNAWTKWSATRYN	AAAAAGTAAATTTT
M00248	V\$OCT1_07	9 0.83437	7733	(+)	TNTATGNTAATT	AAAAAGTAAATT
M00162	V\$OCT1_06	5 0.87159	7757	(+)	CWNAWTKWSATRYN	AATCTTTTATACC
M00137	V\$OCT1_03	2 0.83437	7758	(-)	NNNRTAATNANNN	ATCTTTTATACC
M00162	V\$OCT1_06	5	7765	(-)	CWNAWTKWSATRYN	TATACCCAATTGTT

M00162	V\$OCT1_06	0.84765 6	7796	(-)	CWNAWTKWSATRYN	AGCAATCCAGTATG
M00135	V\$OCT1_01	0.79053 8	7801	(+)	NNNNWTATGCAAATNTNNN	TCCAGTATGAAAGTGTGGA
M00162	V\$OCT1_06	0.95078 1	7804	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	AGTATGAAAGTGTG
M00138	V\$OCT1_04	0.79632 7820	(+)	NNW	ATAGTTTCCTTCTAATTCTAAAA	
M00162	V\$OCT1_06	0.80820 3	7832	(-)	CWNAWTKWSATRYN	TAATTCTAAAAGTC
M00138	V\$OCT1_04	0.79506 5	7868	(-)	NNNNNNNNWATGCAAATNNNW	TCTTTCTTTTAGCAAATGAAAGC
M00135	V\$OCT1_01	0.74685 2	7870	(-)	NNNNWTATGCAAATNTNNN	TTTCTTTTAGCAAATGAAA
M00135	V\$OCT1_01	0.76249 5	7909	(+)	NNNNWTATGCAAATNTNNN	TGAGGTATGCCATTTTTAT
M00162	V\$OCT1_06	0.81640 6	7911	(+)	CWNAWTKWSATRYN	AGGTATGCCATTTT
M00162	V\$OCT1_06	0.93242 2	7912	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	GGTATGCCATTTTT
M00138	V\$OCT1_04	0.84128 7918	(+)	NNW	CCATTTTATGTTAATTAAGTAT	
M00135	V\$OCT1_01	0.81610 1	7920	(+)	NNNNWTATGCAAATNTNNN	ATTTTATGTTAATTAAGT
M00248	V\$OCT1_07	0.98834 7923	(+)	TNTATGNTAATT	TTTATGTTAATT	
M00137	V\$OCT1_03	0.85302 3	7926	(+)	NNNRTAATNANNN	ATGTTAATTAAGT
M00162	V\$OCT1_06	0.83437 5	7928	(+)	CWNAWTKWSATRYN	GTTAATTAAGTATC
M00138	V\$OCT1_04	0.80991 2	7931	(+)	NNNNNNNNWATGCAAATNNNW	AATTAAGTATCCCAATTAGAAAA
M00135	V\$OCT1_01	0.76230 4	7933	(+)	NNNNWTATGCAAATNTNNN	TTAAGTATCCCAATTAGAA
M00195	V\$OCT1_Q6	0.83733 6	7935	(+)	NNNNATGCAAATNAN	AAGTATCCCAATTAG
M00162	V\$OCT1_06	0.94804 7	7936	(-)	CWNAWTKWSATRYN	AGTATCCCAATTAG
M00248	V\$OCT1_07	0.79160 5	7936	(+)	TNTATGNTAATT	AGTATCCCAATT
M00137	V\$OCT1_03	0.84037 9	7939	(+)	NNNRTAATNANNN	ATCCCAATTAGAA
M00135	V\$OCT1_01	0.73330 8	7940	(-)	NNNNWTATGCAAATNTNNN	TCCCAATTAGAAAATGTTT
M00137	V\$OCT1_03	0.84986 2	7940	(-)	NNNRTAATNANNN	TCCCAATTAGAAA
M00248	V\$OCT1_07	0.79372 5	7944	(-)	TNTATGNTAATT	AATTAGAAAATG
M00138	V\$OCT1_04	0.81074 9	7945	(+)	NNNNNNNNWATGCAAATNNNW	ATTAGAAAATGTTTATGAAAGTT
M00137	V\$OCT1_03	0.89134 7	7951	(-)	NNNRTAATNANNN	AAATGTTTATGAA
M00138	V\$OCT1_04	0.86344 6	7951	(+)	NNNNNNNNWATGCAAATNNNW	AAATGTTTATGAAAGTTTGTTGA
M00135	V\$OCT1_01	0.79874 1	7953	(+)	NNNNWTATGCAAATNTNNN	ATGTTTATGAAAGTTTGTT
M00162	V\$OCT1_06	0.80820 3	7955	(+)	CWNAWTKWSATRYN	GTTTATGAAAGTTT
M00162	V\$OCT1_06	0.88671 9	7956	(-)	CWNAWTKWSATRYN	TTTATGAAAGTTTG
M00248	V\$OCT1_07	0.79478 5	7956	(+)	TNTATGNTAATT	TTTATGAAAGTT
M00135	V\$OCT1_01	0.73483 4	7977	(-)	NNNNWTATGCAAATNTNNN	ATAAAGTTTACATGTCCCG
M00162	V\$OCT1_06	0.87070 3	7979	(+)	CWNAWTKWSATRYN	AAAGTTTACATGTC

M00162	V\$OCT1_06	0.86796 9	8021	(-)	CWNAWTKWSATRYN	TGTATCTAATCTAT
M00138	V\$OCT1_04	0.82413 2	8025	(+)	NNNNNNNNWATGCAAATNNNW NNW	TCTAATCTATCCTAATTTTAACA
M00135	V\$OCT1_01	0.78309 8	8027	(+)	NNNNWTATGCAAATNTNNN	TAATCTATCCTAATTTTAA
M00248	V\$OCT1_07	0.90311 6	8030	(+)	TNTATGNTAATT	TCTATCCTAATT
M00135	V\$OCT1_01	0.77699 4	8036	(-)	NNNNWTATGCAAATNTNNN	CTAATTTTAACATACAAGG
M00162	V\$OCT1_06	0.85781 2	8036	(+)	CWNAWTKWSATRYN	CTAATTTTAACATA
M00162	V\$OCT1_06	0.85507 8	8038	(+)	CWNAWTKWSATRYN	AATTTTAACATACA
M00248	V\$OCT1_07	0.79732 9	8040	(-)	TNTATGNTAATT	TTTAAACATACA
M00162	V\$OCT1_06	0.84218 7	8067	(-)	CWNAWTKWSATRYN	AAAATGTAAGAAAA
M00137	V\$OCT1_03	0.84235 5	8078	(-)	NNNRTAATNANNN	AAACAATTATTG
M00138	V\$OCT1_04	0.78105 4	8080	(-)	NNNNNNNNWATGCAAATNNNW NNW	ACAATTATTTGTCAGAGACAAAA
M00162	V\$OCT1_06	0.80820 3	8085	(-)	CWNAWTKWSATRYN	TATTTGTCAGAGAC
M00137	V\$OCT1_03	0.84314 5	8099	(+)	NNNRTAATNANNN	AAAATAAGATTT
M00135	V\$OCT1_01	0.73636 8127	(-)	NNNNWTATGCAAATNTNNN	ATCCTATCTGGATATCTGT	
M00135	V\$OCT1_01	0.73941 2	8143	(+)	NNNNWTATGCAAATNTNNN	TGTGGTATCCAAACATGAT
M00162	V\$OCT1_06	0.86054 7	8146	(-)	CWNAWTKWSATRYN	GGTATCCAAACATG
M00138	V\$OCT1_04	0.81263 1	8155	(+)	NNNNNNNNWATGCAAATNNNW NNW	ACATGATTTTCTAATTTTTTTT
M00135	V\$OCT1_01	0.76478 4	8157	(+)	NNNNWTATGCAAATNTNNN	ATGATTTTCTAATTTTTT
M00162	V\$OCT1_06	0.80585 9	8160	(+)	CWNAWTKWSATRYN	ATTTTCTAATTTT
M00248	V\$OCT1_07	0.81916 5	8160	(+)	TNTATGNTAATT NNNNNNNNWATGCAAATNNNW	ATTTTCTAATT
M00138	V\$OCT1_04	0.78189 8183	(-)	NNW	CCCAGATTTTGTAGAATTAAAT	
M00135	V\$OCT1_01	0.74685 2	8185	(-)	NNNNWTATGCAAATNTNNN	CAGATTTTGTAGAATTAA
M00162	V\$OCT1_06	0.80703 1	8195	(+)	CWNAWTKWSATRYN	TAGAATTAAATCTT
M00162	V\$OCT1_06	0.86835 9	8196	(-)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	AGAATTAAATCTTG
M00138	V\$OCT1_04	0.81765 8205	(+)	NNW	TCTTGTCAGTAAAAATTACAATA	
M00162	V\$OCT1_06	0.80078 1	8209	(+)	CWNAWTKWSATRYN	GTCAGTAAAAATTA
M00195	V\$OCT1_Q6	0.82123 4	8209	(+)	NNNNATGCAAATNAN	GTCAGTAAAAATTAC
M00138	V\$OCT1_04	0.78251 8	8212	(-)	NNNNNNNNWATGCAAATNNNW NNW	ACTGAAAATTACAATAATGGCTA
M00135	V\$OCT1_01	0.76840 9	8214	(-)	NNNNWTATGCAAATNTNNN	TGAAAATTACAATAATGGC
M00162	V\$OCT1_06	0.90898 4	8216	(-)	CWNAWTKWSATRYN	AAAATTACAATAAT
M00248	V\$OCT1_07	0.91308 8218	(-)	TNTATGNTAATT	AATTACAATAAT	
M00138	V\$OCT1_04	0.80154 7	8220	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTACAATAATGGCTATGCTTCTA
M00138	V\$OCT1_04	0.80740 3	8226	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAATGGCTATGCTTCTAAATTGT

M00136	V\$OCT1_02	0.79886 3	8228	(+)	NNGAATATKCANNNN	ATGGCTATGCTTCTA
M00162	V\$OCT1_06	0.84218 7	8243	(+)	CWNAWTKWSATRYN	AATTGTGAAATATA
M00137	V\$OCT1_03	0.84670 1	8251	(+)	NNNRTAATNANNN	AATATAAACATGA
M00162	V\$OCT1_06	0.85 0.84218	8256	(+)	CWNAWTKWSATRYN	AAACATGATATATC
M00162	V\$OCT1_06	7 0.79732	8257	(-)	CWNAWTKWSATRYN	AACATGATATATCC
M00248	V\$OCT1_07	9 0.80117	8290	(+)	TNTATGNTAATT	TCTATGTAAAG
M00162	V\$OCT1_06	2 0.81328	8303	(+)	CWNAWTKWSATRYN	GGCACTGGAATCCT
M00162	V\$OCT1_06	1 0.78649	8311	(+)	CWNAWTKWSATRYN NNNNNNNWWATGCAAATNNNW	AATCCTTTGCTATT
M00138	V\$OCT1_04	1 0.81210	8341	(+)	NNW	AAAAGAGAAGGCATACAAAGTGA
M00162	V\$OCT1_06	9 0.84156	8386	(+)	CWNAWTKWSATRYN	CAGAACTTCATCCA
M00137	V\$OCT1_03	5 0.78879	8396	(-)	NNNRTAATNANNN NNNNNNNWWATGCAAATNNNW	TCCAGTTTACAAA
M00138	V\$OCT1_04	1 0.77314	8455	(-)	NNW	TCCAACATTCTGAATAACTTCCC
M00136	V\$OCT1_02	6 0.78207	8461	(-)	NNGAATATKCANNNN	ATTCTGAATAACTTC
M00136	V\$OCT1_02	9 0.80039	8503	(+)	NNGAATATKCANNNN	GAGAACATGTACTTT
M00162	V\$OCT1_06	1	8511	(+)	CWNAWTKWSATRYN NNNNNNNWWATGCAAATNNNW	GTACTTIGATTGTT
M00138	V\$OCT1_04	0.7821 0.79422	8523	(+)	NNW NNNNNNNWWATGCAAATNNNW	TTCATCTTATCTAAATTTACCCA
M00138	V\$OCT1_04	8 0.76917	8524	(-)	NNW	TCATCTTATCTAAATTTACCCAG
M00135	V\$OCT1_01	2 0.85273	8525	(+)	NNNNWTATGCAAATNTNNN	CATCTTATCTAAATTTACC
M00162	V\$OCT1_06	4 0.80429	8528	(+)	CWNAWTKWSATRYN	CTTATCTAAATTTA
M00162	V\$OCT1_06	7 0.82276	8528	(-)	CWNAWTKWSATRYN	CTTATCTAAATTTA
M00248	V\$OCT1_07	9 0.78084	8528	(+)	TNTATGNTAATT NNNNNNNWWATGCAAATNNNW	CTTATCTAAATT
M00138	V\$OCT1_04	5 0.84946	8530	(-)	NNW	TATCTAAATTTACCCAGGAATTT
M00137	V\$OCT1_03	7	8562	(-)	NNNRTAATNANNN NNNNNNNWWATGCAAATNNNW	ATCAGTTTACCAC
M00138	V\$OCT1_04	0.84609 0.84261	8593	(-)	NNW	CTGGTTAATTAGCATTTTTATCT
M00135	V\$OCT1_01	7 0.89623	8595	(-)	NNNNWTATGCAAATNTNNN	GGTTAATTAGCATTTTTAT
M00161	V\$OCT1_05	1 0.87745	8597	(+)	MKNATTTGCATAYY	TTAATTAGCATTTT
M00195	V\$OCT1_Q6	6 0.79696	8597	(-)	NNNNATGCAAATNAN	TTAATTAGCATTTTTT
M00136	V\$OCT1_02	8 0.92177	8599	(-)	NNGAATATKCANNNN	AATTAGCATTTTTAT
M00248	V\$OCT1_07	2 0.80614	8599	(-)	TNTATGNTAATT NNNNNNNWWATGCAAATNNNW	AATTAGCATTTT
M00138	V\$OCT1_04	8 0.82148	8606	(-)	NNW	ATTTTTATCTTGAATGTAAATTA
M00162	V\$OCT1_06	4 0.81451	8610	(+)	CWNAWTKWSATRYN NNNNNNNWWATGCAAATNNNW	TTATCTTGAATGTA
M00138	V\$OCT1_04	3 0.77964	8611	(+)	NNW	TATCTTGAATGTAAATTAATGTC
M00136	V\$OCT1_02	3	8612	(-)	NNGAATATKCANNNN	ATCTTGAATGTAAAT

M00135	V\$OCT1_01	0.75066 8	8613	(+)	NNNNWTATGCAAATNTNNN	TCTGAATGTAAATTAATG
M00195	V\$OCT1_Q6	0.84798	8615	(+)	NNNNATGCAAATNAN	TTGAATGTAAATTAA
M00162	V\$OCT1_06	0.88125	8616	(-)	CWNAWTKWSATRYN	TGAATGTAAATTAA
M00248	V\$OCT1_07	0.9152 0.78753	8616	(+)	TNTATGNTAATT NNNNNNNNWATGCAAATNNNW	TGAATGTAAATT
M00138	V\$OCT1_04	7 0.87343	8617	(+)	NNW	GAATGTAAATTAATGTCATAAAA
M00162	V\$OCT1_06	7 0.85507	8625	(+)	CWNAWTKWSATRYN	ATTAATGTCATAAA
M00162	V\$OCT1_06	8 0.74208	8642	(-)	CWNAWTKWSATRYN	AACAATACATTTTT
M00135	V\$OCT1_01	3 0.86919	8657	(+)	NNNNWTATGCAAATNTNNN	TTTTTTAAGGAAATTGTTC
M00248	V\$OCT1_07	7 0.84217	8660	(+)	TNTATGNTAATT	TTTAAGGAAATT
M00136	V\$OCT1_02	7 0.80039	8693	(+)	NNGAATATKCANNNN	AGATATATTCACTAA
M00162	V\$OCT1_06	1 0.80820	8696	(-)	CWNAWTKWSATRYN	TATATTCACTAAAT
M00162	V\$OCT1_06	3 0.78105	8699	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	ATTCACTAAATTTA
M00138	V\$OCT1_04	4	8701	(+)	NNW NNNNNNNNWATGCAAATNNNW	TCACTAAATTTAAAAATATATTAA
M00138	V\$OCT1_04	0.81033 0.78314	8701	(-)	NNW NNNNNNNNWATGCAAATNNNW	TCACTAAATTTAAAAATATATTAA
M00138	V\$OCT1_04	5 0.73044	8702	(-)	NNW	CACTAAATTTAAAAATATATTAAC
M00135	V\$OCT1_01	6 0.86562	8704	(-)	NNNNWTATGCAAATNTNNN	CTAAATTTAAAAATATATTA
M00162	V\$OCT1_06	5 0.89062	8704	(+)	CWNAWTKWSATRYN	CTAAATTTAAAAATA
M00162	V\$OCT1_06	5 0.83437	8705	(-)	CWNAWTKWSATRYN	TAAATTTAAAAATAT
M00162	V\$OCT1_06	5 0.83167	8706	(+)	CWNAWTKWSATRYN	AAATTTAAAAATATA
M00248	V\$OCT1_07	3 0.80259	8708	(-)	TNTATGNTAATT NNNNNNNNWATGCAAATNNNW	ATTTAAAAATATA
M00138	V\$OCT1_04	3 0.77909	8712	(-)	NNW	AAAATATATTAACATCATCCAGG
M00135	V\$OCT1_01	2	8714	(-)	NNNNWTATGCAAATNTNNN	AATATATTAACATCATCCA
M00162	V\$OCT1_06	0.81875 0.83437	8716	(-)	CWNAWTKWSATRYN	TATATTAACATCAT
M00162	V\$OCT1_06	5 0.87773	8734	(-)	CWNAWTKWSATRYN	GATATCTTAAATTT
M00162	V\$OCT1_06	4 0.81639	8735	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	ATATCTTAAATTTT
M00138	V\$OCT1_04	5 0.77260	8736	(+)	NNW	TATCTTAAATTTTAAATTAACCTT
M00136	V\$OCT1_02	4 0.84148	8737	(-)	NNGAATATKCANNNN NNNNNNNNWATGCAAATNNNW	ATCTTAAATTTTAAAT
M00138	V\$OCT1_04	9 0.80196	8737	(-)	NNW NNNNNNNNWATGCAAATNNNW	ATCTTAAATTTTAAATTAACCTT
M00138	V\$OCT1_04	6 0.87555	8738	(-)	NNW	TCTTAAATTTTAAATTAACCTTT
M00248	V\$OCT1_07	6	8741	(+)	TNTATGNTAATT NNNNNNNNWATGCAAATNNNW	TAAATTTTAATT
M00138	V\$OCT1_04	0.789 0.82015	8742	(+)	NNW NNNNNNNNWATGCAAATNNNW	AAATTTTAATTAACCTTTTTATT
M00138	V\$OCT1_04	9 0.79736	8743	(-)	NNW NNNNNNNNWATGCAAATNNNW	AATTTTAATTAACCTTTTTATT
M00138	V\$OCT1_04	5	8748	(+)	NNW	TAATTAACCTTTTTATTTTTTGA

M00162	V\$OCT1_06	0.83437 5	8753	(+)	CWNAWTKWSATRYN	AAACTTTTTATTTT
M00138	V\$OCT1_04	0.85926 4	8758	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTATTTTTTGAATTTTTTAGC
M00162	V\$OCT1_06	0.86992 2	8762	(+)	CWNAWTKWSATRYN	ATTTTTTGAATTTT
M00195	V\$OCT1_Q6	0.80322 1	8762	(-)	NNNNATGCAAATNAN	ATTTTTTGAATTTTT
M00136	V\$OCT1_02	0.81429 3	8764	(-)	NNGAATATKCANNNN	TTTTTGAATTTTTTA
M00138	V\$OCT1_04	0.83542 5	8768	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGAATTTTTTAGCAGAAGTACAT
M00162	V\$OCT1_06	0.87617 2	8780	(+)	CWNAWTKWSATRYN	CAGAAGTACATTCA
M00136	V\$OCT1_02	0.79426 1	8783	(+)	NNGAATATKCANNNN	AAGTACATTCAAAAG
M00138	V\$OCT1_04	0.79130 1	8832	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGGTAAAATTTTATTAAGTTA
M00138	V\$OCT1_04	0.84295 3	8836	(+)	NNNNNNNNWATGCAAATNNNW NNW	AAAATTTTATTAAGTTAATCA
M00137	V\$OCT1_03	0.85223 2	8839	(-)	NNNRTAATNANNN	ATTTTATTAAG
M00138	V\$OCT1_04	0.79025 5	8907	(-)	NNNNNNNNWATGCAAATNNNW NNW	TCTCTCTTTTCAATATCTGCTA
M00135	V\$OCT1_01	0.73216 3	8918	(+)	NNNNWTATGCAAATNTNNN	CAATATCTGCTAAACGTGA
M00162	V\$OCT1_06	0.86289 1	8987	(+)	CWNAWTKWSATRYN	AAAAGTACAAGTT
M00162	V\$OCT1_06	0.82109 4	8988	(-)	CWNAWTKWSATRYN	AAACTGACAAGTTT
M00162	V\$OCT1_06	0.80078 1	8997	(+)	CWNAWTKWSATRYN	AGTTTTTAATCTC
M00162	V\$OCT1_06	0.81367 2	9003	(-)	CWNAWTKWSATRYN	TTAATCTCAGATAT
M00162	V\$OCT1_06	0.87773 4	9011	(+)	CWNAWTKWSATRYN	AGATATTTAATTCA
M00195	V\$OCT1_Q6	0.79066 6	9011	(+)	NNNNATGCAAATNAN	AGATATTTAATTCAT
M00162	V\$OCT1_06	0.91171 9	9012	(-)	CWNAWTKWSATRYN	GATATTTAATTCAT
M00162	V\$OCT1_06	0.83398 4	9015	(+)	CWNAWTKWSATRYN	ATTTAATTCATACT
M00136	V\$OCT1_02	0.77341 6	9017	(-)	NNGAATATKCANNNN	TTAATTCATACTCTC
M00162	V\$OCT1_06	0.86093 7	9023	(+)	CWNAWTKWSATRYN	CATACTCTCATTTG
M00138	V\$OCT1_04	0.85863 7	9025	(-)	NNNNNNNNWATGCAAATNNNW NNW	TACTCTCATTTGAATACTTGTT
M00135	V\$OCT1_01	0.81991 6	9027	(-)	NNNNWTATGCAAATNTNNN	CTCTCATTTGAATACTTGT
M00161	V\$OCT1_05	0.90536 3	9029	(+)	MKNATTGTCATAYY	CTCATTTGAATACT
M00162	V\$OCT1_06	0.92226 6	9029	(+)	CWNAWTKWSATRYN	CTCATTTGAATACT
M00195	V\$OCT1_Q6	0.88264 2	9029	(-)	NNNNATGCAAATNAN	CTCATTTGAATACTT
M00136	V\$OCT1_02	0.81591 8	9031	(-)	NNGAATATKCANNNN	CATTTGAATACTTGT
M00248	V\$OCT1_07	0.80008 5	9031	(-)	TNTATGNTAATT	CATTTGAATACT
M00138	V\$OCT1_04	0.78774 6	9064	(-)	NNNNNNNNWATGCAAATNNNW NNW	AGATCTGATTAGCACAGTATTGA
M00137	V\$OCT1_03	0.91939 9	9066	(-)	NNNRTAATNANNN	ATCTGATTAGCAC
M00195	V\$OCT1_Q6	0.82041 5	9068	(-)	NNNNATGCAAATNAN	CTGATTAGCACAGTA

M00135	V\$OCT1_01	0.75143 1	9076	(+)	NNNNWTATGCAAATNTNNN	CACAGTATTGAAATGGCAC
M00162	V\$OCT1_06	0.83476 6	9079	(+)	CWNAWTKWSATRYN	AGTATTGAAATGGC
M00248	V\$OCT1_07	0.79605 7	9079	(+)	TNTATGNTAATT	AGTATTGAAATG
M00162	V\$OCT1_06	0.80117 2	9109	(+)	CWNAWTKWSATRYN	CAGACTTGAGTTTG
M00162	V\$OCT1_06	0.91679 7	9144	(+)	CWNAWTKWSATRYN	CGGCATGTGATATT
M00162	V\$OCT1_06	0.80156 2	9145	(-)	CWNAWTKWSATRYN	GGCATGTGATATTA
M00162	V\$OCT1_06	0.80859 4	9152	(-)	CWNAWTKWSATRYN	GATATTAGATAGTT
M00162	V\$OCT1_06	0.81367 2	9173	(+)	CWNAWTKWSATRYN	CTGCTGTAAATTTA
M00162	V\$OCT1_06	0.80078 1	9186	(+)	CWNAWTKWSATRYN	ATAACTTAAGTTCC
M00162	V\$OCT1_06	0.80078 1	9192	(-)	CWNAWTKWSATRYN	TAAGTTCCAAAGTG
M00138	V\$OCT1_04	0.79485 6	9204	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGACAAAATAGTAATAATATTTA
M00137	V\$OCT1_03	0.91386 8	9211	(+)	NNNRTAATNANNN	ATAGTAATAATAT
M00137	V\$OCT1_03	0.84393 5	9214	(+)	NNNRTAATNANNN	GTAATAATATTTA
M00136	V\$OCT1_02	0.85056 8	9216	(+)	NNGAATATKCANNNN	AATAATATTTAAGCA
M00138	V\$OCT1_04	0.82434 1	9218	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAATATTTAAGCATATAAAGCAA
M00135	V\$OCT1_01	0.76192 3	9219	(-)	NNNNWTATGCAAATNTNNN	AATATTTAAGCATATAAAG
M00138	V\$OCT1_04	0.78377 2	9222	(+)	NNNNNNNNWATGCAAATNNNW NNW	ATTTAAGCATATAAAGCAATTAA
M00136	V\$OCT1_02	0.79859 2	9223	(-)	NNGAATATKCANNNN	TTTAAGCATATAAAG
M00195	V\$OCT1_Q6	0.81331 9	9226	(+)	NNNNATGCAAATNAN	AAGCATATAAAGCAA
M00162	V\$OCT1_06	0.86289 1	9249	(-)	CWNAWTKWSATRYN	AGCAAGACATAGTG
M00195	V\$OCT1_Q6	0.80513 1	9256	(+)	NNNNATGCAAATNAN	CATAGTGCAAAGTAA
M00162	V\$OCT1_06	0.81875 2	9290	(-)	CWNAWTKWSATRYN	AGTATCAGAAACAT
M00162	V\$OCT1_06	0.82929 7	9314	(-)	CWNAWTKWSATRYN	CTCATCCAATATTC
M00136	V\$OCT1_02	0.77098 7	9315	(-)	NNGAATATKCANNNN	TCATCCAATATTCTG
M00135	V\$OCT1_01	0.76783 7	9318	(+)	NNNNWTATGCAAATNTNNN	TCCAATATTCTGATTTAAT
M00136	V\$OCT1_02	0.80725 5	9318	(+)	NNGAATATKCANNNN	TCCAATATTCTGATT
M00162	V\$OCT1_06	0.85273 4	9321	(+)	CWNAWTKWSATRYN	AATATTCTGATTTA
M00248	V\$OCT1_07	0.81916 5	9321	(+)	TNTATGNTAATT	AATATTCTGATT
M00138	V\$OCT1_04	0.87369 3	9328	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGATTTAATTTGCAAAAATCAGA
M00138	V\$OCT1_04	0.80322 3	9329	(+)	NNNNNNNNWATGCAAATNNNW NNW	GATTTAATTTGCAAAAATCAGAA
M00135	V\$OCT1_01	0.81991 6	9330	(-)	NNNNWTATGCAAATNTNNN	ATTTAATTTGCAAAAATCA
M00135	V\$OCT1_01	0.83040 8	9331	(+)	NNNNWTATGCAAATNTNNN	TTTAATTTGCAAAAATCAG
M00136	V\$OCT1_02	0.79372 7	9331	(+)	NNGAATATKCANNNN	TTTAATTTGCAAAAA

M00195	V\$OCT1_Q6	0.84279 5	9332	(-)	NNNNATGCAAATNAN	TTAATTTGCAAAAAT
M00162	V\$OCT1_06	0.82109 4	9334	(-)	CWNAWTKWSATRYN	AATTTGCAAAAATC
M00248	V\$OCT1_07	0.87322 5	9334	(-)	TNTATGNTAATT	AATTTGCAAAAA
M00162	V\$OCT1_06	0.82148 4	9349	(-)	CWNAWTKWSATRYN	GAAAACAAATGGTG
M00137	V\$OCT1_03	0.84472 5	9366	(+)	NNNRTAATNANNN	GTGGTAAAGAGCC
M00135	V\$OCT1_01	0.74360 9	9469	(-)	NNNNWTATGCAAATNTNNN	TTGAGAATTCCATAGACAA
M00162	V\$OCT1_06	0.86484 4	9472	(-)	CWNAWTKWSATRYN	AGAATTCCATAGAC
M00162	V\$OCT1_06	0.83984 4	9512	(-)	CWNAWTKWSATRYN	AGGATCACAGAGAG
M00162	V\$OCT1_06	0.82656 2	9550	(-)	CWNAWTKWSATRYN	CACAGCACAGAAAG
M00135	V\$OCT1_01	0.7686 9555	(+)	NNNNWTATGCAAATNTNNN	CACAGAAAGCAAATCTGTT	
M00195	V\$OCT1_Q6	0.81441 0.84765	9557	(+)	NNNNATGCAAATNAN	CAGAAAGCAAATCTG
M00162	V\$OCT1_06	6 0.82695	9558	(-)	CWNAWTKWSATRYN	AGAAAGCAAATCTG
M00162	V\$OCT1_06	3 0.83437	9569	(+)	CWNAWTKWSATRYN	CTGTTTTCAATTTT
M00162	V\$OCT1_06	5 0.78776	9570	(-)	CWNAWTKWSATRYN	TGTTTTCAATTTTC
M00136	V\$OCT1_02	4 0.76554	9595	(+)	NNGAATATKCANNNN	GATATAATGCACACT
M00135	V\$OCT1_01	8 0.83437	9606	(+)	NNNNWTATGCAAATNTNNN	CACTGTAAGCAAACTGTC
M00162	V\$OCT1_06	5 0.82929	9609	(-)	CWNAWTKWSATRYN	TGTAAGCAAACTG
M00162	V\$OCT1_06	7 0.85025	9650	(+)	CWNAWTKWSATRYN	CACTCAGTCATGTC
M00137	V\$OCT1_03	7 0.83164	9665	(-)	NNNRTAATNANNN	AACTCTTTGTGAC
M00162	V\$OCT1_06	1 0.83437	9667	(+)	CWNAWTKWSATRYN	CTCTTTGTGACACA
M00162	V\$OCT1_06	5 0.79721	9732	(+)	CWNAWTKWSATRYN	CATTCAAGTGATGCC
M00195	V\$OCT1_Q6	6 0.92338	9826	(+)	NNNNATGCAAATNAN	AGTTCTTCAAATCAG
M00136	V\$OCT1_02	9 0.93421	9876	(-)	NNGAATATKCANNNN	CCAGTGAATATTCAG
M00136	V\$OCT1_02	8 0.80078	9879	(+)	NNGAATATKCANNNN	GTGAATATTCAGGAC
M00162	V\$OCT1_06	1 0.85814	9882	(-)	CWNAWTKWSATRYN	AATATTCAGGACTG
M00136	V\$OCT1_02	8 0.90557	9910	(-)	NNGAATATKCANNNN	TGACTGAATAATTAT
M00137	V\$OCT1_03	1 0.78481	9914	(+)	NNNRTAATNANNN	TGAATAATTATTT
M00138	V\$OCT1_04	8 0.85420	9914	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGAATAATTATTTATATCTGACT
M00137	V\$OCT1_03	8 0.83835	9915	(-)	NNNRTAATNANNN	GAATAATTATTTA
M00138	V\$OCT1_04	2	9915	(+)	NNNNNNNNWATGCAAATNNNW NNW	GAATAATTATTTATATCTGACTG
M00138	V\$OCT1_04	0.789 0.77043	9916	(-)	NNW	AATAATTATTTATATCTGACTGC
M00136	V\$OCT1_02	9 0.80238	9917	(+)	NNGAATATKCANNNN	ATAATTATTTATATC
M00136	V\$OCT1_02	2	9932	(-)	NNGAATATKCANNNN	TGACTGCATTATAAT

M00138	V\$OCT1_04	0.81095 8	9932	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGACTGCATTATAATATATTTTA
M00162	V\$OCT1_06	0.80429 7	9936	(-)	CWNAWTKWSATRYN	TGCATTATAATATA
M00162	V\$OCT1_06	0.81210 9	9938	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	CATTATAATATATT
M00138	V\$OCT1_04	0.81033 7	9941	(+)	NNW NNNNNNNNWATGCAAATNNNW	TATAATATATTTTAAAGTTAAAAA
M00138	V\$OCT1_04	0.78272 7	9942	(-)	NNW NNNNNNNNWATGCAAATNNNW	ATAATATATTTTAAAGTTAAAAA
M00138	V\$OCT1_04	0.80259 3	9943	(-)	NNW NNNNNNNNWATGCAAATNNNW	TAATATATTTTAAAGTTAAAAA
M00248	V\$OCT1_07	0.83167 3	9946	(+)	TNTATGNTAATT NNNNNNNNWATGCAAATNNNW	TATATTTTAAAGT
M00138	V\$OCT1_04	0.78858 2	9947	(+)	NNW NNNNNNNNWATGCAAATNNNW	ATATTTTAAAGTTAAAAAAATGC
M00138	V\$OCT1_04	0.78774 6	9958	(+)	NNW NNNNNNNNWATGCAAATNNNW	TAAAAAAATGCAACACAGTTGG
M00136	V\$OCT1_02	0.81889 6	9960	(+)	NNGAATATKCANNNN	AAAAAATGCAACAC
M00195	V\$OCT1_Q6	0.79503 3	9962	(+)	NNNNATGCAAATNAN	AAAAATGCAACACAG
M00162	V\$OCT1_06	0.83476 6	9963	(-)	CWNAWTKWSATRYN	AAAATGCAACACAG
M00162	V\$OCT1_06	0.81367 2	9979	(+)	CWNAWTKWSATRYN	GGTTTTCTAATGTT
M00137	V\$OCT1_03	0.84551 6	9982	(+)	NNNRTAATNANNN NNNNNNNNWATGCAAATNNNW	TTTCTAATGTTTT
M00138	V\$OCT1_04	0.78419 1	9986	(+)	NNW NNNNNNNNWATGCAAATNNNW	TAATGTTTTTTTAAAAAAGAAT
M00138	V\$OCT1_04	0.80092 4	10005	(+)	NNW NNNNNNNNWATGCAAATNNNW	GAATGATTGGGCTAATCCAAATT
M00138	V\$OCT1_04	0.80719 4	10011	(+)	NNW NNNNNNNNWATGCAAATNNNW	TTGGGCTAATCCAAATTCTCTGT
M00135	V\$OCT1_01	0.75810 8	10013	(+)	NNNNWTATGCAAATNTNNN	GGGCTAATCCAAATTCTCT
M00195	V\$OCT1_Q6	0.79366 8	10015	(+)	NNNNATGCAAATNAN	GCTAATCCAAATTCT
M00162	V\$OCT1_06	0.80625 4	10016	(-)	CWNAWTKWSATRYN	CTAATCCAAATTCT
M00162	V\$OCT1_06	0.85273 4	10043	(-)	CWNAWTKWSATRYN	AACACTAAAGTAAG
M00137	V\$OCT1_03	0.84393 5	10052	(-)	NNNRTAATNANNN	GTAAGATTATTAG
M00162	V\$OCT1_06	0.81601 6	10056	(+)	CWNAWTKWSATRYN	GATTATTAGTTTCC
M00162	V\$OCT1_06	0.83437 5	10063	(-)	CWNAWTKWSATRYN	AGTTTCCCATTTCTT
M00162	V\$OCT1_06	0.80078 1	10084	(+)	CWNAWTKWSATRYN NNNNNNNNWATGCAAATNNNW	GGGAAAGGGATACC
M00138	V\$OCT1_04	0.79234 6	10131	(-)	NNW NNNNNNNNWATGCAAATNNNW	TTTTTCTCTTTGAATAGGAACAG
M00136	V\$OCT1_02	0.79723 9	10137	(-)	NNGAATATKCANNNN	TCTTTGAATAGGAAC
M00162	V\$OCT1_06	0.84218 7	10152	(-)	CWNAWTKWSATRYN	AGCTTCTCAGACTG
M00162	V\$OCT1_06	0.83437 5	10184	(+)	CWNAWTKWSATRYN	CAGCTGGTAATGTT
M00137	V\$OCT1_03	0.90004 5	10187	(+)	NNNRTAATNANNN NNNNNNNNWATGCAAATNNNW	CTGGTAATGTTTT
M00138	V\$OCT1_04	0.81409 5	10192	(+)	NNW NNNNNNNNWATGCAAATNNNW	AATGTTTTATTATAATAATATAA

M00138	V\$OCT1_04	0.82517 8	10193	(-)	NNNNNNNNWATGCAAATNNNW NNW	ATGTTTATTATAATAATATAAA
M00137	V\$OCT1_03	0.85499 8	10195	(-)	NNNRTAATNANNN	GTTTATTATAAT
M00138	V\$OCT1_04	0.82015 9	10195	(+)	NNNNNNNNWATGCAAATNNNW NNW	GTTTATTATAATAATATAAAAT
M00138	V\$OCT1_04	0.81472 2	10196	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTTTATTATAATAATATAAAATT
M00135	V\$OCT1_01	0.74608 9	10197	(+)	NNNNWTATGCAAATNTNNN	TTTATTATAATAATATAAA
M00137	V\$OCT1_03	0.91070 7	10200	(+)	NNNRTAATNANNN	ATTATAATAATAT
M00138	V\$OCT1_04	0.81054 9	10201	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTATAATAATATAAAATTAAGTC
M00162	V\$OCT1_06	0.89960 9	10208	(-)	CWNAWTKWSATRYN	AATATAAAATTAAG
M00138	V\$OCT1_04	0.80823 9	10223	(-)	NNNNNNNNWATGCAAATNNNW NNW	CTACAGAATTAATAATTAAGT
M00135	V\$OCT1_01	0.78233 5	10225	(-)	NNNNWTATGCAAATNTNNN	ACAGAATTAATAATTAATTA
M00195	V\$OCT1_Q6	0.79421 4	10226	(+)	NNNNATGCAAATNAN	CAGAATTAATAAT
M00162	V\$OCT1_06	0.90898 4	10227	(-)	CWNAWTKWSATRYN	AGAATTAATAAT
M00248	V\$OCT1_07	0.91032 4	10229	(-)	TNTATGNTAATT	AATTAATAAT
M00137	V\$OCT1_03	0.87633 3	10233	(+)	NNNRTAATNANNN	AAAATAATTAAGT
M00137	V\$OCT1_03	0.86448 9	10234	(-)	NNNRTAATNANNN	AAATAATTAAGTG
M00162	V\$OCT1_06	0.84726 6	10241	(-)	CWNAWTKWSATRYN	TAAGTGAAATTAC
M00138	V\$OCT1_04	0.80071 1	10247	(-)	NNNNNNNNWATGCAAATNNNW NNW	AAATTTACTTTGACTAAATTCTA
M00248	V\$OCT1_07	0.81725 7	10248	(-)	TNTATGNTAATT	AATTTACTTTGA
M00162	V\$OCT1_06	0.90195 3	10268	(-)	CWNAWTKWSATRYN	TACATCAAATCATG
M00137	V\$OCT1_03	0.84828 1	10298	(-)	NNNRTAATNANNN	GATTCATTATATT
M00162	V\$OCT1_06	0.84218 9	10299	(+)	CWNAWTKWSATRYN	ATTCATTATATTCT

		7				
		0.80468				
M00162	V\$OCT1_06	7	10300	(-)	CWNAWTKWSATRYN	TTCATTATATTCTG
		0.80859				
M00162	V\$OCT1_06	4	10307	(+)	CWNAWTKWSATRYN	TATTCTGGAATTTA
		0.80078				
M00162	V\$OCT1_06	1	10323	(+)	CWNAWTKWSATRYN	CTGTATTTATTTTC
		0.78481			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	10324	(-)	NNW	TGTATTTATTTTCCCAAATCCAG
		0.83437				
M00162	V\$OCT1_06	5	10324	(-)	CWNAWTKWSATRYN	TGTATTTATTTTCC
		0.83476				
M00162	V\$OCT1_06	6	10338	(-)	CWNAWTKWSATRYN	CAAATCCAGTTCTG
		0.78168			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	10361	(-)	NNW	TCCATACCTATGCCTCCTTGTA
		0.86408				
M00137	V\$OCT1_03	5	10390	(-)	NNNRTAATNANNN	AGATCATTGCCAA
		0.789			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.789	10396	(-)	NNW	TTGCCAAATAAACATTCCATTTA
		0.80814				
M00248	V\$OCT1_07	1	10402	(-)	TNTATGNTAATT	AATAAACATTCC
		0.77883				
M00136	V\$OCT1_02	1	10403	(+)	NNGAATATKCANNNN	ATAAACATTCCATT
M00162	V\$OCT1_06	0.85	10405	(+)	CWNAWTKWSATRYN	AAACATTCCATTTA
		0.86835				
M00162	V\$OCT1_06	9	10406	(-)	CWNAWTKWSATRYN	AACATTCCATTTAA
		0.78607			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	10407	(-)	NNW	ACATTCCATTTAACAAATGT
		0.83437				
M00162	V\$OCT1_06	5	10411	(-)	CWNAWTKWSATRYN	TCCATTTAACAAAC
		0.80859				
M00162	V\$OCT1_06	4	10450	(-)	CWNAWTKWSATRYN	GGGATCCCATACAT
		0.77012				
M00135	V\$OCT1_01	6	10456	(+)	NNNNWTATGCAAATNTNNN	CCATACATTCAAATTGCTT
		0.84552				
M00195	V\$OCT1_Q6	4	10458	(+)	NNNNATGCAAATNAN	ATACATTCAAATTGC
		0.84765				
M00162	V\$OCT1_06	6	10459	(-)	CWNAWTKWSATRYN	TACATTCAAATTGC
		0.85838				
M00248	V\$OCT1_07	5	10459	(+)	TNTATGNTAATT	TACATTCAAATT

M00162	V\$OCT1_06	0.87343 7	10474	(-)	CWNAWTKWSATRYN	TTCATCAAAATTTT
M00162	V\$OCT1_06	0.83437 5	10495	(+)	CWNAWTKWSATRYN	AGAATTGGCAGGTT
M00137	V\$OCT1_03	0.88344 5	10514	(-)	NNNRTAATNANNN	ATCTCATTTGCTC
M00138	V\$OCT1_04	0.80782 1	10563	(+)	NNNNNNNNWATGCAAATNNNW NNW	ACGTTGTTTTGAATATTGAATGA
M00135	V\$OCT1_01	0.78004 6	10564	(-)	NNNNWTATGCAAATNTNNN	CGTTGTTTTGAATATTGAA
M00162	V\$OCT1_06	0.81367 2	10566	(+)	CWNAWTKWSATRYN	TTGTTTTGAATATT
M00136	V\$OCT1_02	0.89036 3	10568	(-)	NNGAATATKCANNNN	GTTTTGAATATTGAA
M00136	V\$OCT1_02	0.81700 1	10571	(+)	NNGAATATKCANNNN	TTGAATATTGAATGA
M00162	V\$OCT1_06	0.81640 6	10573	(+)	CWNAWTKWSATRYN	GAATATTGAATGAG
M00138	V\$OCT1_04	0.78314 5	10619	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTGTGGCAAGTCCAATAAAATGT
M00162	V\$OCT1_06	0.82187 5	10674	(+)	CWNAWTKWSATRYN	CTCTATAAAATTTG
M00137	V\$OCT1_03	0.89569 3	10708	(-)	NNNRTAATNANNN	ACAATATTATGAA
M00138	V\$OCT1_04	0.78272 7	10708	(+)	NNNNNNNNWATGCAAATNNNW NNW	ACAATATTATGAAGGTTTTTTTT
M00137	V\$OCT1_03	0.84354 10726	(+)	NNNRTAATNANNN		TTTTAATCACAG
M00138	V\$OCT1_04	0.84609 10755	(-)	NNNNNNNNWATGCAAATNNNW NNW		CTGGTTAATTAGCATTTTTATCT
M00135	V\$OCT1_01	0.84261 7	10757	(-)	NNNNWTATGCAAATNTNNN	GGTTAATTAGCATTTTTAT
M00161	V\$OCT1_05	0.89623 1	10759	(+)	MKNATTGCATAYY	TTAATTAGCATTTT
M00195	V\$OCT1_Q6	0.87745 6	10759	(-)	NNNNATGCAAATNAN	TTAATTAGCATTTTT
M00136	V\$OCT1_02	0.79696 8	10761	(-)	NNGAATATKCANNNN	AATTAGCATTTTTAT
M00248	V\$OCT1_07	0.92177 2	10761	(-)	TNTATGNTAATT	AATTAGCATTTT
M00138	V\$OCT1_04	0.80614 10768	(-)	NNNNNNNNWATGCAAATNNNW		ATTTTATCTTGAATGTAAATTA

		8			NNW	
		0.82148				
M00162	V\$OCT1_06	4	10772	(+)	CWNAWTKWSATRYN	TTATCTGAATGTA
		0.81451			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	10773	(+)	NNW	TATCTGAATGTAAATTAATGTC
		0.77964				
M00136	V\$OCT1_02	3	10774	(-)	NNGAATATKCANNNN	ATCTTGAATGTAAAT
		0.75066				
M00135	V\$OCT1_01	8	10775	(+)	NNNNWTATGCAAATNTNNN	TCTTGAATGTAAATTAATG
M00195	V\$OCT1_Q6	0.84798	10777	(+)	NNNNATGCAAATNAN	TTGAATGTAAATTAA
M00162	V\$OCT1_06	0.88125	10778	(-)	CWNAWTKWSATRYN	TGAATGTAAATTAA
M00248	V\$OCT1_07	0.9152	10778	(+)	TNTATGNTAATT	TGAATGTAAATT
		0.78753			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	10779	(+)	NNW	GAATGTAAATTAATGTCATAAAA
		0.87343				
M00162	V\$OCT1_06	7	10787	(+)	CWNAWTKWSATRYN	ATTAATGTCATAAA
		0.80117				
M00162	V\$OCT1_06	2	10803	(+)	CWNAWTKWSATRYN	TAATAATACATGTT
		0.82109				
M00162	V\$OCT1_06	4	10804	(-)	CWNAWTKWSATRYN	AATAATACATGTTT
		0.74208				
M00135	V\$OCT1_01	3	10823	(+)	NNNNWTATGCAAATNTNNN	TTTTTTAAGGAAATTGTTC
		0.86919				
M00248	V\$OCT1_07	7	10826	(+)	TNTATGNTAATT	TTTAAGGAAATT
		0.87475				
M00137	V\$OCT1_03	3	10861	(-)	NNNRTAATNANNN	ATATATTTACTAA
		0.82109				
M00162	V\$OCT1_06	4	10862	(-)	CWNAWTKWSATRYN	TATATTTACTAAAT
		0.80820				
M00162	V\$OCT1_06	3	10865	(+)	CWNAWTKWSATRYN	ATTTACTAAATTTA
		0.80280			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	10866	(+)	NNW	TTTACTAAATTTAAAATATATTA
		0.78419			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	10867	(+)	NNW	TTACTAAATTTAAAATATATTAA
		0.79004			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	10867	(-)	NNW	TTACTAAATTTAAAATATATTAA
		0.81095			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	10868	(-)	NNW	TACTAAATTTAAAATATATTAAA
M00135	V\$OCT1_01		10870	(-)	NNNNWTATGCAAATNTNNN	CTAAATTTAAAATATATTA
		0.73044				

		6				
		0.86562				
M00162	V\$OCT1_06	5	10870	(+)	CWNAWTKWSATRYN	CTAAATTAAAAATA
		0.89062				
M00162	V\$OCT1_06	5	10871	(-)	CWNAWTKWSATRYN	TAAATTAAAAATAT
		0.83437				
M00162	V\$OCT1_06	5	10872	(+)	CWNAWTKWSATRYN	AAATTAAAAATATA
		0.83167				
M00248	V\$OCT1_07	3	10874	(-)	TNTATGNTAATT	ATTTAAAAATATA
		0.91914				
M00162	V\$OCT1_06	1	10881	(+)	CWNAWTKWSATRYN	ATATATTAAATGCA
		0.89062				
M00162	V\$OCT1_06	5	10882	(-)	CWNAWTKWSATRYN	TATATTAAATGCAC
		0.86328				
M00162	V\$OCT1_06	1	10893	(+)	CWNAWTKWSATRYN	CACTATAAGATGTG
		0.75486				
M00135	V\$OCT1_01	5	10897	(-)	NNNNWTATGCAAATNTNNN	ATAAGATGTGCATTTGAAC
		0.80859				
M00162	V\$OCT1_06	4	10899	(+)	CWNAWTKWSATRYN	AAGATGTGCATTTG
		0.79290				
M00136	V\$OCT1_02	7	10901	(-)	NNGAATATKCANNNN	GATGTGCATTTGAAC
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.81765	10961	(-)	NNW	AGTATCTATTAGCACAAATCCAGC
		0.80942				
M00135	V\$OCT1_01	4	10963	(-)	NNNNWTATGCAAATNTNNN	TATCTATTAGCACAAATCCA
		0.81074			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	10984	(-)	NNW	TTCATCTTTAGCATCAATCCTT
		0.74360				
M00135	V\$OCT1_01	9	10986	(-)	NNNNWTATGCAAATNTNNN	CACTATTTAGCATCAATCC
		0.80199				
M00248	V\$OCT1_07	3	10990	(-)	TNTATGNTAATT	ATTTAGCATCAA
		0.78356			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	10998	(-)	NNW	TCAATCCTTTTGAGTATCATAGT
		0.78314			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	11003	(-)	NNW	CCTTTTGAGTATCATAGTTTTTC
		0.85273				
M00162	V\$OCT1_06	4	11010	(-)	CWNAWTKWSATRYN	AGTATCATAGTTTT
		0.81328				
M00162	V\$OCT1_06	1	11040	(+)	CWNAWTKWSATRYN	AAATTTTTGTTTTA
M00138	V\$OCT1_04		11049	(+)		TTTAGTTATACCAAATAAGCTT
		0.79109			NNNNNNNNWATGCAAATNNNW	

		2			NNW	
		0.79683				
M00135	V\$OCT1_01	3	11104	(-)	NNNNWTATGCAAATNTNNN	CTTAATTTAGCAAAAATTAC
		0.73998				
M00135	V\$OCT1_01	5	11105	(+)	NNNNWTATGCAAATNTNNN	TTAATTTAGCAAAAATTACA
		0.75257				
M00135	V\$OCT1_01	5	11112	(-)	NNNNWTATGCAAATNTNNN	AGCAAAATTACATTTTCAC
		0.97929				
M00162	V\$OCT1_06	7	11114	(+)	CWNAWTKWSATRYN	CAAAATTACATTTT
		0.80376				
M00195	V\$OCT1_Q6	6	11114	(-)	NNNNATGCAAATNAN	CAAAATTACATTTTC
		0.92460				
M00162	V\$OCT1_06	9	11115	(-)	CWNAWTKWSATRYN	AAAATTACATTTTC
		0.80806				
M00136	V\$OCT1_02	7	11116	(-)	NNGAATATKCANNNN	AAATTACATTTTCAC
		0.82329			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	11116	(-)	NNW	AAATTACATTTTCACATTTTAT
		0.79308				
M00248	V\$OCT1_07	9	11116	(-)	TNTATGNTAATT	AAATTACATTTT
		0.76650				
M00135	V\$OCT1_01	1	11118	(-)	NNNNWTATGCAAATNTNNN	ATTACATTTTCACATTTT
		0.86835				
M00162	V\$OCT1_06	9	11122	(+)	CWNAWTKWSATRYN	CATTTTCACATTTT
		0.87382				
M00162	V\$OCT1_06	8	11128	(+)	CWNAWTKWSATRYN	CACATTTTATTCT
		0.85025				
M00137	V\$OCT1_03	7	11129	(-)	NNNRTAATNANNN	ACATTTTATTCT
		0.80859				
M00162	V\$OCT1_06	4	11161	(-)	CWNAWTKWSATRYN	GGAAGTCAATAATG
		0.88858				
M00137	V\$OCT1_03	2	11166	(+)	NNNRTAATNANNN	TCAATAATGAATT
		0.82148				
M00162	V\$OCT1_06	4	11167	(+)	CWNAWTKWSATRYN	CAATAATGAATTTA
		0.78911				
M00136	V\$OCT1_02	7	11169	(-)	NNGAATATKCANNNN	ATAATGAATTTAATT
		0.89101				
M00162	V\$OCT1_06	6	11172	(+)	CWNAWTKWSATRYN	ATGAATTTAATTTG
		0.88164				
M00162	V\$OCT1_06	1	11173	(-)	CWNAWTKWSATRYN	TGAATTTAATTTGG
M00162	V\$OCT1_06		11209	(-)	CWNAWTKWSATRYN	AGTTTCCAATTTTG
		0.87343				

M00138	V\$OCT1_04	0.78126 3	11246	(+)	NNNNNNNNWATGCAAATNNNW NNW	CCAAATAAATTTAGATATATCAG
M00138	V\$OCT1_04	0.80761 2	11247	(-)	NNNNNNNNWATGCAAATNNNW NNW	CAAATAAATTTAGATATATCAGT
M00135	V\$OCT1_01	0.80236 6	11249	(-)	NNNNWTATGCAAATNTNNN	AATAAATTTAGATATATCA
M00162	V\$OCT1_06	0.89414 1	11251	(+)	CWNAWTKWSATRYN	TAAATTTAGATATA
M00248	V\$OCT1_07	0.86750 1	11253	(-)	TNTATGNTAATT	AATTTAGATATA
M00162	V\$OCT1_06	0.83476 6	11259	(-)	CWNAWTKWSATRYN	GATATATCAGTACC
M00162	V\$OCT1_06	0.86093 7	11272	(+)	CWNAWTKWSATRYN	CTCAATCAAATTTA
M00162	V\$OCT1_06	0.85273 4	11273	(-)	CWNAWTKWSATRYN	TCAATCAAATTTAT
M00138	V\$OCT1_04	0.80238 4	11275	(-)	NNNNNNNNWATGCAAATNNNW NNW	AATCAAATTTATCATTACTAATC
M00138	V\$OCT1_04	0.78523 6	11280	(+)	NNNNNNNNWATGCAAATNNNW NNW	AATTTATCATTACTAATCTAAGA
M00137	V\$OCT1_03	0.94705 6	11283	(-)	NNNRTAATNANNN	TTATCATTACTAA
M00162	V\$OCT1_06	0.80078 1	11292	(-)	CWNAWTKWSATRYN	CTAATCTAAGAAAT
M00138	V\$OCT1_04	0.81639 5	11296	(-)	NNNNNNNNWATGCAAATNNNW NNW	TCTAAGAAATTACATGAATAATA
M00137	V\$OCT1_03	0.84037 9	11299	(-)	NNNRTAATNANNN	AAGAAATTACATG
M00138	V\$OCT1_04	0.79736 5	11300	(-)	NNNNNNNNWATGCAAATNNNW NNW	AGAAATTACATGAATAATATATT
M00162	V\$OCT1_06	0.87617 2	11300	(+)	CWNAWTKWSATRYN	AGAAATTACATGAA
M00138	V\$OCT1_04	0.81304 9	11301	(+)	NNNNNNNNWATGCAAATNNNW NNW	GAAATTACATGAATAATATATTT
M00162	V\$OCT1_06	0.87773 4	11301	(-)	CWNAWTKWSATRYN	GAAATTACATGAAT
M00248	V\$OCT1_07	0.81238 1	11302	(-)	TNTATGNTAATT	AAATTACATGAA
M00136	V\$OCT1_02	0.86031	11306	(-)	NNGAATATKCANNNN	TACATGAATAATATA

		4				
		0.83398				
M00162	V\$OCT1_06	4	11306	(-)	CWNAWTKWSATRYN	TACATGAATAATAT
		0.91821				
M00137	V\$OCT1_03	4	11340	(-)	NNNRTAATNANNN	ATATGATTAGGCC
		0.79192			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	11419	(-)	NNW	GCTCATAGTATTCATTATTATT
		0.84136				
M00136	V\$OCT1_02	4	11422	(+)	NNGAATATKCANNNN	CATAGTATTCATTAT
		0.89450				
M00137	V\$OCT1_03	8	11427	(-)	NNNRTAATNANNN	TATTCATTATTAT
		0.89845				
M00137	V\$OCT1_03	9	11430	(-)	NNNRTAATNANNN	TCATTATTATTTA
		0.78749				
M00136	V\$OCT1_02	3	11432	(+)	NNGAATATKCANNNN	ATTATTATTTATTTC
		0.84726				
M00162	V\$OCT1_06	6	11438	(+)	CWNAWTKWSATRYN	ATTTATTTCATAGA
		0.82148				
M00162	V\$OCT1_06	4	11439	(-)	CWNAWTKWSATRYN	TTTATTTCATAGAT
		0.78941			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	11457	(-)	NNW	CCTAGCATTTAGCATAGACCCCC
		0.79320				
M00135	V\$OCT1_01	9	11459	(-)	NNNNWTATGCAAATNTNNN	TAGCATTTAGCATAGACCC
		0.90205				
M00248	V\$OCT1_07	6	11463	(-)	TNTATGNTAATT	ATTTAGCATAGA
		0.89101				
M00162	V\$OCT1_06	6	11482	(-)	CWNAWTKWSATRYN	TGAATGAAAGTGCC
		0.82148				
M00162	V\$OCT1_06	4	11499	(-)	CWNAWTKWSATRYN	CAAATGTCTGTTAT
		0.80078				
M00162	V\$OCT1_06	1	11502	(+)	CWNAWTKWSATRYN	ATGTCTGTATTCA
		0.77666				
M00136	V\$OCT1_02	5	11505	(+)	NNGAATATKCANNNN	TCTGTTATTCACACA
		0.80585				
M00162	V\$OCT1_06	9	11525	(-)	CWNAWTKWSATRYN	AAAATCAATGTACT
		0.87712				
M00137	V\$OCT1_03	4	11539	(+)	NNNRTAATNANNN	AAGATAAAGAGAT
		0.79520				
M00248	V\$OCT1_07	9	11574	(-)	TNTATGNTAATT	CATGACCATATA
M00138	V\$OCT1_04		11576	(-)		TGACCATATAAGACTATTTACTA
		0.78084			NNNNNNNNWATGCAAATNNNW	

		5			NNW	
		0.80996				
M00136	V\$OCT1_02	2	11585	(+)	NNGAATATKCANNNN	AAGACTATTTACTAA
		0.81328				
M00162	V\$OCT1_06	1	11597	(-)	CWNAWTKWSATRYN	TAAATCTAGAATAT
		0.86054				
M00162	V\$OCT1_06	7	11606	(-)	CWNAWTKWSATRYN	AATATCTTAGTATT
		0.78419			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	11629	(-)	NNW	TGTTGTTTTTATAATGTGTGTTT
		0.81367				
M00162	V\$OCT1_06	2	11633	(+)	CWNAWTKWSATRYN	GTTTTTATAATGTG
		0.86171				
M00137	V\$OCT1_03	5	11636	(+)	NNNRTAATNANNN	TTTATAATGTGTG
		0.79171			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	11653	(-)	NNW	TCITTCITTTTTAACAGAAATAA
		0.80133			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	11655	(-)	NNW	TTTCTTTTTTAACAGAAATAAAT
		0.78502			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	11659	(-)	NNW	TTTTTTAACAGAAATAAATAAAA
		0.88320				
M00162	V\$OCT1_06	3	11678	(-)	CWNAWTKWSATRYN	AAAATCCAAGGGAG
		0.85546				
M00162	V\$OCT1_06	9	11708	(-)	CWNAWTKWSATRYN	CATATTGATAATG
		0.88897				
M00137	V\$OCT1_03	7	11713	(+)	NNNRTAATNANNN	TTGATAATGTTTT
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.84128	11718	(+)	NNW	AATGTTTTATTTAAAATTTATAA
		0.80301			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	11719	(+)	NNW	ATGTTTTATTTAAAATTTATAAA
		0.73273				
M00135	V\$OCT1_01	6	11720	(+)	NNNNWTATGCAAATNTNNN	TGTTTTATTTAAAATTTAT
		0.85152			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	11720	(-)	NNW	TGTTTTATTTAAAATTTATAAAA
		0.83437				
M00162	V\$OCT1_06	5	11723	(-)	CWNAWTKWSATRYN	TTTATTTAAAATTT
		0.80771				
M00248	V\$OCT1_07	7	11723	(+)	TNTATGNTAATT	TTTATTTAAAAT
		0.80489			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	11725	(+)	NNW	TATTTAAAATTTATAAAAAGATAA
M00162	V\$OCT1_06		11730	(-)	CWNAWTKWSATRYN	AAAATTTATAAAAAG
		0.82656				

		2					
		0.81785			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	9	11741	(+)	NNW	AAGATAAAATGTAAATGAGTGAT	
		0.75791					
M00135	V\$OCT1_01	7	11743	(+)	NNNNWTATGCAAATNTNNN	GATAAAATGTAAATGAGTG	
		0.88373					
M00195	V\$OCT1_Q6	4	11745	(+)	NNNNATGCAAATNAN	TAAAATGTAAATGAG	
		0.89623					
M00161	V\$OCT1_05	1	11746	(-)	MKNATTTGCATAYY	AAAATGTAAATGAG	
		0.95078					
M00162	V\$OCT1_06	1	11746	(-)	CWNAWTKWSATRYN	AAAATGTAAATGAG	
		0.79308					
M00248	V\$OCT1_07	9	11746	(+)	TNTATGNTAATT	AAAATGTAAATG	
		0.82512					
M00136	V\$OCT1_02	2	11762	(+)	NNGAATATKCANNNN	ATTAATAGTCATGAA	
		0.73655					
M00135	V\$OCT1_01	1	11819	(+)	NNNNWTATGCAAATNTNNN	CCAGATATGAAACTTATAG	
		0.88610					
M00161	V\$OCT1_05	3	11822	(-)	MKNATTTGCATAYY	GATATGAAACTTAT	
		0.86054					
M00162	V\$OCT1_06	7	11822	(-)	CWNAWTKWSATRYN	GATATGAAACTTAT	
		0.80820					
M00162	V\$OCT1_06	3	11829	(+)	CWNAWTKWSATRYN	AACTTATAGATTCT	
		0.79530					
M00195	V\$OCT1_Q6	6	11845	(+)	NNNNATGCAAATNAN	ATCCTTCCAAATTAT	
		0.85460					
M00137	V\$OCT1_03	3	11850	(-)	NNNRTAATNANNN	TCCAAATTATAGC	
		0.80468			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	4	11869	(-)	NNW	AACATTGAGTTGAATATTTTTTC	
		0.89875					
M00136	V\$OCT1_02	5	11875	(-)	NNGAATATKCANNNN	GAGTTGAATATTTTT	
		0.79913					
M00136	V\$OCT1_02	4	11878	(+)	NNGAATATKCANNNN	TTGAATATTTTTTCT	
		0.83437					
M00162	V\$OCT1_06	5	11901	(-)	CWNAWTKWSATRYN	AAAATGAAAGCTAT	
					NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	0.7821	11908	(+)	NNW	AAGCTATATTGCTAATTTTCAAA	
		0.74952					
M00135	V\$OCT1_01	3	11910	(+)	NNNNWTATGCAAATNTNNN	GCTATATTGCTAATTTTCA	
M00248	V\$OCT1_07		11913	(+)	TNTATGNTAATT	ATATTGCTAATT	
		0.82382					

		9				
		0.74952				
M00135	V\$OCT1_01	3	11917	(-)	NNNNWTATGCAAATNTNNN	TGCTAATTTCAAAATTTT
		0.77693				
M00136	V\$OCT1_02	6	11918	(+)	NNGAATATKCANNNN	GCTAATTTTCAAAAT
		0.87514				
M00161	V\$OCT1_05	5	11919	(+)	MKNATTTGCATAYY	CTAATTTTCAAAAT
		0.80156				
M00162	V\$OCT1_06	2	11919	(+)	CWNAWTKWSATRYN	CTAATTTTCAAAAT
		0.82696				
M00195	V\$OCT1_Q6	5	11919	(-)	NNNNATGCAAATNAN	CTAATTTTCAAAATT
		0.80820				
M00162	V\$OCT1_06	3	11920	(-)	CWNAWTKWSATRYN	TAATTTTCAAAATT
		0.80039				
M00162	V\$OCT1_06	1	11921	(-)	CWNAWTKWSATRYN	AATTTTCAAAATTT
		0.80064				
M00135	V\$OCT1_01	9	11947	(+)	NNNNWTATGCAAATNTNNN	CAGTTTATACTAATCTTCA
		0.80029				
M00248	V\$OCT1_07	7	11950	(+)	TNTATGNTAATT	TTTATACTAATC
		0.82392			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	11952	(-)	NNW	TATACTAATCTTCATAGATGATA
		0.78695				
M00136	V\$OCT1_02	2	11955	(+)	NNGAATATKCANNNN	ACTAATCTTCATAGA
		0.80156				
M00162	V\$OCT1_06	2	11956	(+)	CWNAWTKWSATRYN	CTAATCTTCATAGA
		0.82123				
M00195	V\$OCT1_Q6	4	11956	(-)	NNNNATGCAAATNAN	CTAATCTTCATAGAT
		0.79966				
M00248	V\$OCT1_07	1	11958	(-)	TNTATGNTAATT	AATCTTCATAGA
		0.83909				
M00248	V\$OCT1_07	3	11977	(+)	TNTATGNTAATT	TTCTTGGTAATT
		0.88463				
M00137	V\$OCT1_03	1	11980	(+)	NNNRTAATNANNN	TTGGTAATTGTAA
		0.81875				
M00162	V\$OCT1_06		11983	(+)	CWNAWTKWSATRYN	GTAATTGTAAAATG
		0.82148				
M00162	V\$OCT1_06	4	11989	(+)	CWNAWTKWSATRYN	GTAAAATGAATGTG
		0.82148				
M00162	V\$OCT1_06	4	11991	(-)	CWNAWTKWSATRYN	AAAATGAATGTGTT
		0.83945				
M00162	V\$OCT1_06	3	11994	(+)	CWNAWTKWSATRYN	ATGAATGTGTTACA

		0.82656					
M00162	V\$OCT1_06	2	12014	(-)	CWNAWTKWSATRYN	GATATCTAGGTAAC	
		0.86092					
M00137	V\$OCT1_03	5	12043	(-)	NNNRTAATNANNN	TTCTATTTAGGAA	
		0.84765					
M00162	V\$OCT1_06	6	12065	(-)	CWNAWTKWSATRYN	AGTATGAAAGAGGG	
		0.83437					
M00162	V\$OCT1_06	5	12089	(+)	CWNAWTKWSATRYN	CACCAGGTAATATT	
		0.85262					
M00137	V\$OCT1_03	7	12092	(+)	NNNRTAATNANNN	CAGGTAATATTTT	
		0.79987			NNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	12095	(+)	NNW	GTAATATTTTGCTAAATGAATTA	
		0.74227					
M00135	V\$OCT1_01	4	12097	(+)	NNNNWTATGCAAATNTNNN	AATATTTTGCTAAATGAAT	
		0.87343					
M00162	V\$OCT1_06	7	12106	(+)	CWNAWTKWSATRYN	CTAAATGAATTACA	
		0.80820					
M00162	V\$OCT1_06	3	12107	(-)	CWNAWTKWSATRYN	TAAATGAATTACAT	
		0.76020					
M00135	V\$OCT1_01	6	12108	(-)	NNNNWTATGCAAATNTNNN	AAATGAATTACATAATGAT	
		0.86835					
M00162	V\$OCT1_06	9	12110	(+)	CWNAWTKWSATRYN	ATGAATTACATAAT	
M00195	V\$OCT1_Q6	0.8256	12110	(-)	NNNNATGCAAATNAN	ATGAATTACATAATG	
		0.92460					
M00162	V\$OCT1_06	9	12111	(-)	CWNAWTKWSATRYN	TGAATTACATAATG	
		0.78451					
M00136	V\$OCT1_02	5	12112	(-)	NNGAATATKCANNNN	GAATTACATAATGAT	
		0.77165					
M00135	V\$OCT1_01	2	12116	(+)	NNNNWTATGCAAATNTNNN	TACATAATGATAATATGTT	
		0.94508					
M00137	V\$OCT1_03	1	12116	(+)	NNNRTAATNANNN	TACATAATGATAA	
		0.80976					
M00162	V\$OCT1_06	6	12119	(-)	CWNAWTKWSATRYN	ATAATGATAATATG	
		0.85894					
M00137	V\$OCT1_03	9	12122	(+)	NNNRTAATNANNN	ATGATAATATGTT	
		0.79255			NNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	12133	(-)	NNW	TTGCAAAGTTTAAATATGTTTGC	
		0.84218					
M00162	V\$OCT1_06	7	12137	(+)	CWNAWTKWSATRYN	AAAGTTTAAATATG	
M00162	V\$OCT1_06		12137	(-)	CWNAWTKWSATRYN	AAAGTTTAAATATG	
		0.86054					

		7					
		0.77828					
M00136	V\$OCT1_02	9	12139	(-)	NNGAATATKCANNNN	AGTTTAAATATGTTT	
		0.82747			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	8	12149	(-)	NNW	TGTTTGCTTTTAAATAGCTTCAC	
		0.86015					
M00162	V\$OCT1_06	6	12164	(-)	CWNAWTKWSATRYN	AGCTTCACAATTTT	
		0.79673			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	8	12226	(-)	NNW	TGAAACAATTTGTAGTAATCAAT	
		0.87317					
M00137	V\$OCT1_03	3	12237	(+)	NNNRTAATNANNN	GTAGTAATCAATC	
		0.79485			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	6	12259	(-)	NNW	AGAACTATTTGTCATTCTTCTT	
		0.92968					
M00162	V\$OCT1_06	8	12263	(+)	CWNAWTKWSATRYN	CTATTGTCATTCT	
		0.86289					
M00162	V\$OCT1_06	1	12264	(-)	CWNAWTKWSATRYN	TATTTGTCATTCTT	
		0.80078					
M00162	V\$OCT1_06	1	12326	(+)	CWNAWTKWSATRYN	ACCTTTGTAATTCT	
M00162	V\$OCT1_06	0.85	12343	(+)	CWNAWTKWSATRYN	CACTATGAAGTGTT	
		0.80326					
M00248	V\$OCT1_07	5	12349	(+)	TNTATGNTAATT	GAAGTGTTAATT	
		0.86302			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	8	12351	(-)	NNW	AGTGTTAATTTCCATGGTTATGT	
		0.74837					
M00135	V\$OCT1_01	8	12353	(-)	NNNNWTATGCAAATNTNNN	TGTTAATTTCCATGGTTAT	
		0.83842					
M00195	V\$OCT1_Q6	8	12355	(-)	NNNNATGCAAATNAN	TTAATTTCCATGGTT	
		0.78251			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	8	12356	(+)	NNW	TAATTTCCATGGTTATGTTAATT	
		0.89866					
M00248	V\$OCT1_07	4	12357	(-)	TNTATGNTAATT	AATTTCCATGGT	
		0.80698			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	12362	(+)	NNW	CCATGGTTATGTTAATTTCCATG	
		0.87981					
M00135	V\$OCT1_01	7	12364	(+)	NNNNWTATGCAAATNTNNN	ATGGTTATGTTAATTTCCA	
		0.80585					
M00162	V\$OCT1_06	9	12367	(+)	CWNAWTKWSATRYN	GTTATGTTAATTTT	
		0.95526					
M00248	V\$OCT1_07	8	12367	(+)	TNTATGNTAATT	GTTATGTTAATT	

M00138	V\$OCT1_04	0.86595 6	12369	(-)	NNNNNNNNWATGCAAATNNNW NNW	TATGTAAATTTCCATGGTTATGT
M00135	V\$OCT1_01	0.74837 8	12371	(-)	NNNNWTATGCAAATNTNNN	TGTAAATTTCCATGGTTAT
M00195	V\$OCT1_Q6	0.83842 8	12373	(-)	NNNNATGCAAATNAN	TTAATTTCCATGGTT
M00138	V\$OCT1_04	0.78251 8	12374	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAATTTCCATGGTTATGTAAATT
M00248	V\$OCT1_07	0.89866 4	12375	(-)	TNTATGNTAATT	AATTTCCATGGT
M00138	V\$OCT1_04	0.84420 7	12380	(+)	NNNNNNNNWATGCAAATNNNW NNW	CCATGGTTATGTAAATTTCTCTT
M00135	V\$OCT1_01	0.87275 8	12382	(+)	NNNNWTATGCAAATNTNNN	ATGGTTATGTAAATTTCTC
M00162	V\$OCT1_06	0.80585 9	12385	(+)	CWNAWTKWSATRYN	GTTATGTAAATTTTC
M00248	V\$OCT1_07	0.95526 8	12385	(+)	TNTATGNTAATT	GTTATGTAAATT
M00138	V\$OCT1_04	0.83898 8	12412	(-)	NNNNNNNNWATGCAAATNNNW NNW	TCCTAAATTTTATATCTTTATGT
M00162	V\$OCT1_06	0.88671 9	12414	(+)	CWNAWTKWSATRYN	CTAAATTTTATATC
M00195	V\$OCT1_Q6	0.79830 8	12414	(-)	NNNNATGCAAATNAN	CTAAATTTTATATCT
M00162	V\$OCT1_06	0.80859 4	12415	(-)	CWNAWTKWSATRYN	TAAATTTTATATCT
M00138	V\$OCT1_04	0.78711 8	12418	(-)	NNNNNNNNWATGCAAATNNNW NNW	ATTTTATATCTTTATGTCCATGA
M00137	V\$OCT1_03	0.89529 8	12423	(-)	NNNRTAATNANNN	ATATCTTTATGTC
M00162	V\$OCT1_06	0.88125 7	12436	(+)	CWNAWTKWSATRYN	CATGATTGATTCT
M00162	V\$OCT1_06	0.88554 7	12444	(+)	CWNAWTKWSATRYN	GATTCTTAAATTCA
M00138	V\$OCT1_04	0.80531 2	12450	(+)	NNNNNNNNWATGCAAATNNNW NNW	TAAATTC AATTTATATTTAGGAA
M00162	V\$OCT1_06	0.90390 6	12450	(-)	CWNAWTKWSATRYN	TAAATTC AATTTAT
M00248	V\$OCT1_07	0.81344 1	12457	(-)	TNTATGNTAATT	AATTTATATTTA
M00137	V\$OCT1_03	0.85104	12460	(-)	NNNRTAATNANNN	TTATATTTAGGAA

		0.80039					
M00162	V\$OCT1_06	1	12461	(-)	CWNAWTKWSATRYN	TATATTAGGAAAT	
		0.80820					
M00162	V\$OCT1_06	3	12464	(+)	CWNAWTKWSATRYN	ATTAGGAAATTCA	
		0.80029			NNNNNNN	WATGCAAATNNNW	
M00138	V\$OCT1_04	3	12465	(+)	NNW	TTTAGGAAATTCAA	ACTCATAAT
		0.81266					
M00136	V\$OCT1_02	9	12467	(+)	NNGAATATKCANN	TAGGAAATTCAA	ACT
		0.79548			NNNNNNN	WATGCAAATNNNW	
M00138	V\$OCT1_04	3	12471	(+)	NNW	AAATTCAA	ACTCATAATTATGCT
		0.92374					
M00137	V\$OCT1_03	6	12480	(+)	NNNR	AATNANNN	CTCATAATTATGC
		0.93046					
M00137	V\$OCT1_03	2	12481	(-)	NNNR	AATNANNN	TCATAATTATGCT
		0.75543					
M00135	V\$OCT1_01	7	12483	(+)	NNNN	WTATGCAAATNTNN	ATAATTATGCTCTTTCAAG
		0.81212					
M00136	V\$OCT1_02	8	12483	(+)	NNGAATATKCANN	ATAATTATGCTCTTT	
		0.81210					
M00162	V\$OCT1_06	9	12500	(-)	CWNAWTKWSATRYN	AGCAAGCCATTG	
		0.76154					
M00135	V\$OCT1_01	1	12503	(-)	NNNN	WTATGCAAATNTNN	AAGCCATTGGAGATTAT
		0.84726					
M00162	V\$OCT1_06	6	12507	(+)	CWNAWTKWSATRYN	CATTGGAGATT	
		0.79109			NNNNNNN	WATGCAAATNNNW	
M00138	V\$OCT1_04	2	12511	(-)	NNW	TGGAGATT	TATTAATTCTAATTG
		0.80039					
M00162	V\$OCT1_06	1	12515	(+)	CWNAWTKWSATRYN	GATT	TATTAATTCT
		0.82768			NNNNNNN	WATGCAAATNNNW	
M00138	V\$OCT1_04	7	12516	(+)	NNW	ATT	TATTAATTCTAATTGAAACC
		0.74475					
M00135	V\$OCT1_01	4	12518	(+)	NNNN	WTATGCAAATNTNN	TTATTAATTCTAATTGAAA
M00248	V\$OCT1_07		12521	(+)	TNTATGNTAATT	TTAATTCTAATT	
		0.79548			NNNNNNN	WATGCAAATNNNW	
M00138	V\$OCT1_04	3	12522	(+)	NNW	TAATTCTAATTGAA	ACCTTTAGA
		0.81601					
M00162	V\$OCT1_06	6	12560	(+)	CWNAWTKWSATRYN	AGATAGTAAATGTT	
		0.80820					
M00162	V\$OCT1_06	3	12561	(-)	CWNAWTKWSATRYN	GATAGTAAATGTTT	

M00138	V\$OCT1_04	0.80928 5	12619	(+)	NNNNNNNNWATGCAAATNNNW NNW	GTGTTTTATCTATATAATAGAA
M00138	V\$OCT1_04	0.83187	12620	(-)	NNNNNNNNWATGCAAATNNNW NNW	TGTTTTATCTATATAATAGAAA
M00162	V\$OCT1_06	0.87812 5	12655	(+)	CWNAWTKWSATRYN	CTGCCTTGCATTCC
M00195	V\$OCT1_Q6	0.8256	12655	(-)	NNNNATGCAAATNAN	CTGCCTTGCATTCCA
M00162	V\$OCT1_06	0.91171 9	12661	(-)	CWNAWTKWSATRYN	TGCATTCCATTGAT
M00162	V\$OCT1_06	0.83945 3	12723	(+)	CWNAWTKWSATRYN	GATACTGTGAAATA
M00162	V\$OCT1_06	0.84179 7	12732	(+)	CWNAWTKWSATRYN	AAATATGTGCTGCT
M00162	V\$OCT1_06	0.81914 1	12743	(-)	CWNAWTKWSATRYN	GCTATTACAATTCT
M00138	V\$OCT1_04	0.78189	12766	(+)	NNNNNNNNWATGCAAATNNNW NNW	CAAAAGCTATGCCAATTCAATC
M00135	V\$OCT1_01	0.81953 5	12768	(+)	NNNNWTATGCAAATNTNNN	AAAGCTATGCCAATTCAA
M00195	V\$OCT1_Q6	0.82833	12770	(+)	NNNNATGCAAATNAN	AGCTATGCCAATTTC
M00162	V\$OCT1_06	0.84765 6	12771	(-)	CWNAWTKWSATRYN	GCTATGCCAATTTC
M00248	V\$OCT1_07	0.87470 9	12771	(+)	TNTATGNTAATT	GCTATGCCAATT
M00162	V\$OCT1_06	0.81406 2	12777	(-)	CWNAWTKWSATRYN	CCAATTCAATCAC
M00162	V\$OCT1_06	0.84765 6	12789	(+)	CWNAWTKWSATRYN	ACTACTGTCATTTA
M00136	V\$OCT1_02	0.77016 8	12819	(-)	NNGAATATKCANNNN	TTGTTGAGTATGTTT
M00138	V\$OCT1_04	0.78795 5	12822	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTGAGTATGTTTCATATGTCTTA
M00162	V\$OCT1_06	0.83437 5	12826	(+)	CWNAWTKWSATRYN	GTATGTTTCATATG
M00136	V\$OCT1_02	0.77016 8	12844	(-)	NNGAATATKCANNNN	AGAAGAAATATTATC
M00135	V\$OCT1_01	0.76592 9	12859	(+)	NNNNWTATGCAAATNTNNN	TAGATAATGCAATTGGCAA
M00136	V\$OCT1_02	0.80102 9	12859	(+)	NNGAATATKCANNNN	TAGATAATGCAATTG

M00195	V\$OCT1_Q6	0.81413 8	12861	(+)	NNNNATGCAAATNAN	GATAATGCAATTGGC
M00138	V\$OCT1_04	0.80280 2	12863	(-)	NNNNNNNNWATGCAAATNNNW NNW	TAATGCAATTGGCAAAATTATTA
M00135	V\$OCT1_01	0.78138 1	12865	(-)	NNNNWTATGCAAATNTNNN	ATGCAATTGGCAAAATTAT
M00135	V\$OCT1_01	0.73979 4	12866	(+)	NNNNWTATGCAAATNTNNN	TGCAATTGGCAAAATTATT
M00137	V\$OCT1_03	0.84037 9	12874	(-)	NNNRTAATNANNN	GCAAAATTATTAG
M00136	V\$OCT1_02	0.82539 3	12885	(-)	NNGAATATKCANNNN	AGTGTGAATTTCCAG
M00138	V\$OCT1_04	0.81367 6	12885	(-)	NNNNNNNNWATGCAAATNNNW NNW	AGTGTGAATTTCCAGATCTCTAA
M00135	V\$OCT1_01	0.77375 12887	(-)	NNNNWTATGCAAATNTNNN	TGTGAATTTCCAGATCTCT	
M00162	V\$OCT1_06	0.80820 3	12889	(-)	CWNAWTKWSATRYN	TGAATTTCCAGATC
M00248	V\$OCT1_07	0.83612 5	12891	(-)	TNTATGNTAATT	AATTTCCAGATC
M00162	V\$OCT1_06	0.82929 7	12900	(+)	CWNAWTKWSATRYN	ATCTCTAACATGCA
M00138	V\$OCT1_04	0.83207 9	12901	(+)	NNNNNNNNWATGCAAATNNNW NNW	TCTCTAACATGCAAAGCATTCA
M00135	V\$OCT1_01	0.75009 5	12903	(+)	NNNNWTATGCAAATNTNNN	TCTAACATGCAAAGCATTT
M00136	V\$OCT1_02	0.77016 8	12903	(+)	NNGAATATKCANNNN	TCTAACATGCAAAGC
M00195	V\$OCT1_Q6	0.89983 6	12905	(+)	NNNNATGCAAATNAN	TAACATGCAAAGCAT
M00161	V\$OCT1_05	0.93856 9	12906	(-)	MKNATTTGCATAYY	AACATGCAAAGCAT
M00162	V\$OCT1_06	0.89843 7	12906	(-)	CWNAWTKWSATRYN	AACATGCAAAGCAT
M00162	V\$OCT1_06	0.9375 12915	(-)	CWNAWTKWSATRYN	AGCATTTCAAAAAG	
M00162	V\$OCT1_06	0.80039 1	12917	(-)	CWNAWTKWSATRYN	CATTTCAAAAAGTT
M00162	V\$OCT1_06	0.82929 7	12932	(+)	CWNAWTKWSATRYN	GCTTCTTACATTTT
M00136	V\$OCT1_02	0.79263 7	12934	(-)	NNGAATATKCANNNN	TTCTTACATTTTCTG

M00162	V\$OCT1_06	0.82109 4	12958	(-)	CWNAWTKWSATRYN	AGCCTTAAAAGATC
M00162	V\$OCT1_06	0.81367 2	12979	(+)	CWNAWTKWSATRYN	CTCTTTTCTTTCC
M00162	V\$OCT1_06	0.82656 2	13038	(+)	CWNAWTKWSATRYN	CTGTTGAGTTTTA
M00162	V\$OCT1_06	0.81601 6	13132	(-)	CWNAWTKWSATRYN	AGTATTTCTTAGTT
M00162	V\$OCT1_06	0.82109 4	13135	(+)	CWNAWTKWSATRYN	ATTTCTTAGTTGTT
M00162	V\$OCT1_06	0.80859 4	13218	(-)	CWNAWTKWSATRYN	GAAATGAAAGAACA
M00162	V\$OCT1_06	0.82656 2	13269	(+)	CWNAWTKWSATRYN	CAACTTTTAAGTTA
M00162	V\$OCT1_06	0.86054 7	13270	(-)	CWNAWTKWSATRYN	AACTTTTAAGTTAG
M00138	V\$OCT1_04	0.81514	13293	(+)	NNNNNNNNWATGCAAATNNNW NNW	AACCAACTATTCATATCATTCAA
M00136	V\$OCT1_02	0.79967 5	13295	(+)	NNGAATATKCANNNN	CCAACTATTCATATC
M00162	V\$OCT1_06	0.84726 6	13296	(+)	CWNAWTKWSATRYN	CAACTATTCATATC
M00162	V\$OCT1_06	0.83437 5	13301	(+)	CWNAWTKWSATRYN	ATTCATATCATTCA
M00138	V\$OCT1_04	0.81325 8	13302	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTCATATCATTCAAATTTGACTT
M00135	V\$OCT1_01	0.78500 6	13304	(+)	NNNNWTATGCAAATNTNNN	CATATCATTCAAATTTGAC
M00136	V\$OCT1_02	0.77152 1	13304	(+)	NNGAATATKCANNNN	CATATCATTCAAATT
M00162	V\$OCT1_06	0.81406 2	13307	(+)	CWNAWTKWSATRYN	ATCATTCAAATTTG
M00162	V\$OCT1_06	0.87382 8	13307	(-)	CWNAWTKWSATRYN	ATCATTCAAATTTG
M00248	V\$OCT1_07	0.83909 3	13307	(+)	TNTATGNTAATT	ATCATTCAAATT
M00138	V\$OCT1_04	0.83207 9	13309	(-)	NNNNNNNNWATGCAAATNNNW NNW	CATTCAAATTTGACTTTTTTATTA
M00135	V\$OCT1_01	0.74475 4	13311	(-)	NNNNWTATGCAAATNTNNN	TTCAAATTTGACTTTTTAT

M00162	V\$OCT1_06	0.83984 4	13313	(+)	CWNAWTKWSATRYN	CAAATTTGACTTTT
M00162	V\$OCT1_06	0.82890 6	13314	(+)	CWNAWTKWSATRYN	AAATTTGACTTTTT
M00138	V\$OCT1_04	0.79966 5	13315	(-)	NNNNNNNNWATGCAAATNNNW NNW	AATTTGACTTTTTATTAATCTAT
M00162	V\$OCT1_06	0.82656 2	13351	(+)	CWNAWTKWSATRYN	CTTCTTGAGTTTTC
M00136	V\$OCT1_02	0.79588 5	13352	(-)	NNGAATATKCANNNN	TTCTTGAGTTTTCAG
M00162	V\$OCT1_06	0.85546 9	13364	(+)	CWNAWTKWSATRYN	CAGTCTTAGATCTA
M00138	V\$OCT1_04	0.80238 4	13430	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTTGTGAAATTAATATGAATCTA
M00138	V\$OCT1_04	0.80782 1	13431	(-)	NNNNNNNNWATGCAAATNNNW NNW	TTGTGAAATTAATATGAATCTAT
M00162	V\$OCT1_06	0.81367 2	13433	(+)	CWNAWTKWSATRYN	GTGAAATTAATATG
M00138	V\$OCT1_04	0.78272 7	13436	(+)	NNNNNNNNWATGCAAATNNNW NNW	AAATTAATATGAATCTATTGATT
M00248	V\$OCT1_07	0.83739 7	13437	(-)	TNTATGNTAATT	AATTAATATGAA
M00136	V\$OCT1_02	0.82431 13438	(+)	NNGAATATKCANNNN	ATTAATATGAATCTA	
M00162	V\$OCT1_06	0.82890 6	13445	(-)	CWNAWTKWSATRYN	TGAATCTATTGATT
M00162	V\$OCT1_06	0.81328 1	13447	(+)	CWNAWTKWSATRYN	AATCTATTGATTTA
M00135	V\$OCT1_01	0.73445 2	13468	(-)	NNNNWTATGCAAATNTNNN	CTAAAACTCACATATCTTG
M00162	V\$OCT1_06	0.85546 9	13470	(+)	CWNAWTKWSATRYN	AAAACTCACATATC
M00162	V\$OCT1_06	0.80039 1	13471	(-)	CWNAWTKWSATRYN	AAACTCACATATCT
M00138	V\$OCT1_04	0.83082 4	13482	(-)	NNNNNNNNWATGCAAATNNNW NNW	TCTTGAGTTTTGCAGTGTTTTTT
M00162	V\$OCT1_06	0.82929 7	13513	(+)	CWNAWTKWSATRYN	CAGTTTTAAAGGTG
M00162	V\$OCT1_06	0.80859 4	13526	(+)	CWNAWTKWSATRYN	GGTAACTGCATTGCG
M00138	V\$OCT1_04	0.79862 13563	(-)	NNNNNNNNWATGCAAATNNNW	TGGTTGAACTTACATATAGTATG	

NNW

		0.79587					
M00135	V\$OCT1_01	9	13565	(-)	NNNNWTATGCAAATNTNNN	GTTGAACTTACATATAGTA	
		0.86835					
M00162	V\$OCT1_06	9	13567	(+)	CWNAWTKWSATRYN	TGAACTTACATATA	
		0.81367					
M00162	V\$OCT1_06	2	13568	(-)	CWNAWTKWSATRYN	GAACTTACATATAG	
		0.86644					
M00248	V\$OCT1_07	1	13569	(-)	TNTATGNTAATT	AACTTACATATA	
		0.86804			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	13575	(+)	NNW	CATATAGTATGCTAATTTAAAAA	
		0.90614					
M00135	V\$OCT1_01	3	13577	(+)	NNNNWTATGCAAATNTNNN	TATAGTATGCTAATTTAAA	
		0.77801					
M00136	V\$OCT1_02	8	13577	(+)	NNGAATATKCANNNN	TATAGTATGCTAATT	
		0.80429					
M00162	V\$OCT1_06	7	13580	(-)	CWNAWTKWSATRYN	AGTATGCTAATTTA	
		0.98070					
M00248	V\$OCT1_07	8	13580	(+)	TNTATGNTAATT	AGTATGCTAATT	
		0.80071			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	1	13581	(+)	NNW	GTATGCTAATTTAAAAAAGAAAC	
		0.82695					
M00162	V\$OCT1_06	3	13586	(-)	CWNAWTKWSATRYN	CTAATTTAAAAAAG	
		0.86790					
M00195	V\$OCT1_Q6	4	13601	(+)	NNNNATGCAAATNAN	AACCGTGCAAAGAAG	
		0.78105			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	4	13616	(-)	NNW	ACCATGGAGTTTATAAATATGA	
		0.80907			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	6	13620	(-)	NNW	TGGAGTTTATAAATATGAATCT	
		0.80039					
M00162	V\$OCT1_06	1	13624	(+)	CWNAWTKWSATRYN	GTTTATAAATATG	
		0.80806					
M00136	V\$OCT1_02	7	13626	(-)	NNGAATATKCANNNN	TTTATAAATATGAAT	
		0.87119					
M00137	V\$OCT1_03	7	13626	(+)	NNNRTAATNANNN	TTTATAAATATGA	
		0.81221			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	2	13626	(-)	NNW	TTTATAAATATGAATCTGATAAG	
		0.81618			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	6	13627	(+)	NNW	TTATAAATATGAATCTGATAAGG	
M00136	V\$OCT1_02		13629	(+)	NNGAATATKCANNNN	ATAAATATGAATCTG	
		0.78343					

		3					
		0.80468					
M00162	V\$OCT1_06	7	13630	(-)	CWNAWTKWSATRYN	TAAATATGAATCTG	
		0.79213			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	13653	(+)	NNW	TAAACAAGATTCAAAACATAGTA	
		0.79263					
M00136	V\$OCT1_02	7	13655	(+)	NNGAATATKCANNNN	AACAAGATTCAAAAC	
		0.80078					
M00162	V\$OCT1_06	1	13658	(-)	CWNAWTKWSATRYN	AAGATTCAAAACAT	
		0.84588			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	1	13684	(+)	NNW	TCAATTTTATGATAATCATTCT	
		0.74322					
M00135	V\$OCT1_01	8	13686	(+)	NNNNWTATGCAAATNTNNN	AATTTTATGATAATCATTC	
		0.80071			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	1	13688	(-)	NNW	TTTTATGATAATCATTCTTAAT	
		0.86269					
M00161	V\$OCT1_05	3	13689	(-)	MKNATTTGCATAYY	TTTATGATAATCAT	
		0.81874					
M00248	V\$OCT1_07	1	13689	(+)	TNTATGNTAATT	TTTATGATAATC	
		0.88344					
M00137	V\$OCT1_03	5	13692	(+)	NNNRTAATNANNN	ATGATAATCATTC	
		0.82148					
M00162	V\$OCT1_06	4	13700	(+)	CWNAWTKWSATRYN	CATTCTTAATGTG	
		0.86562					
M00162	V\$OCT1_06	5	13705	(+)	CWNAWTKWSATRYN	CTTAATGTGAATCA	
		0.83187					
M00195	V\$OCT1_Q6	8	13705	(+)	NNNNATGCAAATNAN	CTTAATGTGAATCAT	
		0.88671					
M00162	V\$OCT1_06	9	13712	(-)	CWNAWTKWSATRYN	TGAATCATATTTTG	
		0.80429					
M00162	V\$OCT1_06	7	13728	(+)	CWNAWTKWSATRYN	CTCAATTCTTCTA	
		0.82656					
M00162	V\$OCT1_06	2	13780	(-)	CWNAWTKWSATRYN	GAAAAGACAATTAC	
		0.84709					
M00137	V\$OCT1_03	6	13784	(-)	NNNRTAATNANNN	AGACAATTACGTA	
		0.86289					
M00162	V\$OCT1_06	1	13785	(+)	CWNAWTKWSATRYN	GACAATTACGTACT	
		0.84765					
M00162	V\$OCT1_06	6	13793	(-)	CWNAWTKWSATRYN	CGTACTTCATTGAG	
		0.84314					
M00137	V\$OCT1_03		13806	(+)	NNNRTAATNANNN	GGTCTAAAGAGTA	

		5					
		0.78816			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	4	13824	(-)	NNW	TCCTCACCTTTCATGTAATTTT	
		0.87617					
M00162	V\$OCT1_06	2	13828	(+)	CWNAWTKWSATRYN	CACCTTTCATGTA	
		0.82148					
M00162	V\$OCT1_06	4	13833	(+)	CWNAWTKWSATRYN	TTCCATGTAATTTT	
		0.89687					
M00162	V\$OCT1_06	5	13834	(-)	CWNAWTKWSATRYN	TCCATGTAATTTTT	
		0.81725					
M00248	V\$OCT1_07	7	13834	(+)	TNTATGNTAATT	TCCATGTAATTT	
		0.84907					
M00137	V\$OCT1_03	2	13836	(+)	NNNRTAATNANNN	CATGTAATTTTTT	
		0.88502					
M00137	V\$OCT1_03	6	13855	(+)	NNNRTAATNANNN	AGGGTAATCATTC	
		0.80112			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	9	13856	(+)	NNW	GGGTAATCATTCTAATCTTAATG	
		0.75753					
M00135	V\$OCT1_01	5	13858	(+)	NNNNWTATGCAAATNTNNN	GTAATCATTCTAATCTTAA	
		0.88344					
M00137	V\$OCT1_03	5	13870	(+)	NNNRTAATNANNN	ATCTTAATGAGAG	
		0.88281					
M00162	V\$OCT1_06	2	13928	(-)	CWNAWTKWSATRYN	TGAATCACAAAAC	
		0.81367					
M00162	V\$OCT1_06	2	13966	(+)	CWNAWTKWSATRYN	GGAAGTGGCCTACT	
		0.83019			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	13992	(-)	NNW	TGAATTTATTTGATTTTTTATAT	
		0.82148					
M00162	V\$OCT1_06	4	13992	(-)	CWNAWTKWSATRYN	TGAATTTATTTGAT	
		0.90351					
M00162	V\$OCT1_06	6	13995	(+)	CWNAWTKWSATRYN	ATTTATTTGATTTT	
		0.8555			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04		13998	(-)	NNW	TATTTGATTTTTTATATTAATAC	
		0.82538			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	13999	(+)	NNW	ATTTGATTTTTTATATTAATACT	
		0.80384			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	8	14000	(-)	NNW	TTTGATTTTTTATATTAATACTA	
		0.81911			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	3	14003	(+)	NNW	GATTTTTTATATTAATACTAATA	
		0.85654			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04		14004	(-)		ATTTTTTATATTAATACTAATAA	

		5			NNW	
		0.73998				
M00135	V\$OCT1_01	5	14005	(+)	NNNNWTATGCAAATNTNNN	TTTTTATATTAATACTAA
		0.79351				
M00248	V\$OCT1_07	3	14008	(+)	TNTATGNTAATT	TTTATATTAATA
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.83187	14009	(+)	NNW	TTATATTAATACTAATAAGAGAA
		0.74055				
M00135	V\$OCT1_01	7	14011	(+)	NNNNWTATGCAAATNTNNN	ATATTAATACTAATAAGAG
		0.81877				
M00195	V\$OCT1_Q6	7	14013	(+)	NNNNATGCAAATNAN	ATTAATACTAATAAG
		0.85065				
M00137	V\$OCT1_03	2	14017	(+)	NNNRTAATNANNN	ATACTAATAAGAG
		0.89062				
M00162	V\$OCT1_06	5	14030	(-)	CWNAWTKWSATRYN	AAAATCTCAGATAT
		0.82148				
M00162	V\$OCT1_06	4	14031	(+)	CWNAWTKWSATRYN	AAATCTCAGATATC
		0.85273				
M00162	V\$OCT1_06	4	14039	(-)	CWNAWTKWSATRYN	GATATCATATTTAT
		0.79757			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	14041	(-)	NNW	TATCATATTTATTATAATCGTTA
		0.85341				
M00137	V\$OCT1_03	8	14043	(-)	NNNRTAATNANNN	TCATATTTATTAT
		0.81953			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	14043	(+)	NNW	TCATATTTATTATAATCGTTAGG
		0.87238				
M00137	V\$OCT1_03	2	14046	(-)	NNNRTAATNANNN	TATTTATTATAAT
		0.85381				
M00137	V\$OCT1_03	3	14051	(+)	NNNRTAATNANNN	ATTATAATCGTTA
		0.91914				
M00162	V\$OCT1_06	1	14082	(+)	CWNAWTKWSATRYN	AAACTTGAAATGCT
		0.83671				
M00162	V\$OCT1_06	9	14083	(-)	CWNAWTKWSATRYN	AACTTGAAATGCTT
M00162	V\$OCT1_06	0.81875	14094	(+)	CWNAWTKWSATRYN	CTTCTTTGGTTTT
		0.74151				
M00135	V\$OCT1_01	1	14100	(+)	NNNNWTATGCAAATNTNNN	TTGGTTTTTCTAATTCCAT
		0.80538				
M00248	V\$OCT1_07	5	14103	(+)	TNTATGNTAATT	GTTTTTCTAATT
		0.79245				
M00248	V\$OCT1_07	3	14120	(-)	TNTATGNTAATT	AAAGAACATATA

M00138	V\$OCT1_04	0.78272 7	14125	(-)	NNNNNNNNWATGCAAATNNNW NNW	ACATATATTTTCCACCTGAATAT
M00138	V\$OCT1_04	0.79464 7	14132	(+)	NNNNNNNNWATGCAAATNNNW NNW	TTTCCACCTGAATATATAAAGA
M00136	V\$OCT1_02	0.79236 6	14137	(-)	NNGAATATKCANNNN	CACCTGAATATATAA
M00138	V\$OCT1_04	0.79778 3	14138	(+)	NNNNNNNNWATGCAAATNNNW NNW	ACCTGAATATATAAAGAATTACA
M00138	V\$OCT1_04	0.79151	14139	(-)	NNNNNNNNWATGCAAATNNNW NNW	CCTGAATATATAAAGAATTACAT
M00195	V\$OCT1_Q6	0.84197 6	14142	(+)	NNNNATGCAAATNAN	GAATATATAAAGAAT
M00162	V\$OCT1_06	0.84726 6	14143	(-)	CWNAWTKWSATRYN	AATATATAAAGAAT
M00137	V\$OCT1_03	0.84156 5	14145	(+)	NNNRTAATNANNN	TATATAAAGAATT
M00138	V\$OCT1_04	0.78126 3	14147	(-)	NNNNNNNNWATGCAAATNNNW NNW	TATAAAGAATTACATTAATGCAC
M00162	V\$OCT1_06	0.86328 1	14151	(+)	CWNAWTKWSATRYN	AAGAATTACATTAA
M00162	V\$OCT1_06	0.91679 7	14152	(-)	CWNAWTKWSATRYN	AGAATTACATTAAT
M00248	V\$OCT1_07	0.81513 7	14154	(-)	TNTATGNTAATT	AATTACATTAAT
M00162	V\$OCT1_06	0.82656 2	14155	(+)	CWNAWTKWSATRYN	ATTACATTAATGCA
M00162	V\$OCT1_06	0.80078 1	14208	(-)	CWNAWTKWSATRYN	CCTATTCCAAAATT
M00162	V\$OCT1_06	0.81718 7	14215	(+)	CWNAWTKWSATRYN	CAAAATTTCAGAAA
M00162	V\$OCT1_06	0.82148 4	14216	(-)	CWNAWTKWSATRYN	AAAATTTCAGAAAA
M00162	V\$OCT1_06	0.84218 7	14225	(-)	CWNAWTKWSATRYN	GAAAAGAAATAATG
M00137	V\$OCT1_03	0.86132	14230	(+)	NNNRTAATNANNN	GAAATAATGGTTT
M00137	V\$OCT1_03	0.87712 4	14255	(-)	NNNRTAATNANNN	TTATAGTTACGAA
M00137	V\$OCT1_03	0.87356 8	14299	(-)	NNNRTAATNANNN	TTCTCTTTATTCT
M00162	V\$OCT1_06	0.87773	14307	(+)	CWNAWTKWSATRYN	ATTCTTGGCATTTC

		4				
		0.86244				
M00195	V\$OCT1_Q6	5	14307	(-)	NNNNATGCAAATNAN	ATTCTTGGCATTCT
		0.80859				
M00162	V\$OCT1_06	4	14316	(+)	CWNAWTKWSATRYN	ATTTCTGAAATCCC
		0.80078				
M00162	V\$OCT1_06	1	14322	(-)	CWNAWTKWSATRYN	GAAATCCCTGTATT
		0.80907			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	14372	(+)	NNW	TTGCCTTCATGAAAACTAACT
		0.84726				
M00162	V\$OCT1_06	6	14376	(+)	CWNAWTKWSATRYN	CTTCATGAAAACT
		0.81890			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	4	14398	(+)	NNW	GAACAGAAAGGCAAAAATGACCT
M00135	V\$OCT1_01	0.73388	14400	(+)	NNNNWTATGCAAATNTNNN	ACAGAAAGGCAAAAATGAC
		0.82148				
M00162	V\$OCT1_06	4	14403	(-)	CWNAWTKWSATRYN	GAAAGGCAAAAATG
		0.86289				
M00162	V\$OCT1_06	1	14410	(+)	CWNAWTKWSATRYN	AAAAATGACCTTCT
		0.84218				
M00162	V\$OCT1_06	7	14411	(-)	CWNAWTKWSATRYN	AAAATGACCTTCTC
		0.77012				
M00135	V\$OCT1_01	6	14421	(+)	NNNNWTATGCAAATNTNNN	TCTCTAATCCAAATGTCCA
		0.81406				
M00162	V\$OCT1_06	2	14424	(-)	CWNAWTKWSATRYN	CTAATCCAAATGTC
		0.73120				
M00135	V\$OCT1_01	9	14428	(-)	NNNNWTATGCAAATNTNNN	TCCAAATGTCCATGAGTTT
		0.84765				
M00162	V\$OCT1_06	6	14430	(-)	CWNAWTKWSATRYN	CAAATGTCCATGAG
		0.78523			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	14437	(+)	NNW	CCATGAGTTTATAAATTATATAA
		0.80676				
M00195	V\$OCT1_Q6	9	14441	(+)	NNNNATGCAAATNAN	GAGTTTATAAATTAT
		0.80429				
M00162	V\$OCT1_06	7	14447	(+)	CWNAWTKWSATRYN	ATAAATTATATAAT
		0.88423				
M00137	V\$OCT1_03	5	14453	(+)	NNNRTAATNANNN	TATATAATAATTA
		0.81980				
M00248	V\$OCT1_07	1	14453	(+)	TNTATGNTAATT	TATATAATAATT
		0.89095				
M00137	V\$OCT1_03	2	14456	(+)	NNNRTAATNANNN	ATAATAATTAAAT

		0.93242					
M00162	V\$OCT1_06	2	14458	(+)	CWNAWTKWSATRYN	AATAATTAAATTCA	
		0.82695					
M00162	V\$OCT1_06	3	14459	(-)	CWNAWTKWSATRYN	ATAATTAAATTCAC	
		0.78478					
M00136	V\$OCT1_02	6	14461	(+)	NNGAATATKCANNNN	AATTAAATTCACACT	
		0.80039					
M00162	V\$OCT1_06	1	14509	(+)	CWNAWTKWSATRYN	GTGTTAGTAATGCA	
		0.79506			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	14510	(+)	NNW	TGTTAGTAATGCAGGTTCTTGGA	
		0.79778			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	3	14560	(-)	NNW	AAGTGATTATTCATTACCCCTC	
		0.92137					
M00137	V\$OCT1_03	5	14568	(-)	NNNRTAATNANNN	TATTCATTACCCC	
		0.79549					
M00135	V\$OCT1_01	8	14606	(-)	NNNNWTATGCAAATNTNNN	CCAAAATTCCTTACTGTG	
		0.82148					
M00162	V\$OCT1_06	4	14608	(-)	CWNAWTKWSATRYN	AAAATTCCTTACT	
		0.85478					
M00248	V\$OCT1_07	1	14610	(-)	TNTATGNTAATT	AATTCCTTACT	
		0.93515					
M00162	V\$OCT1_06	6	14616	(+)	CWNAWTKWSATRYN	CTTACTGTGATTTA	
		0.74933					
M00135	V\$OCT1_01	2	14621	(-)	NNNNWTATGCAAATNTNNN	TGTGATTACCATAGGGAA	
		0.85329					
M00248	V\$OCT1_07	7	14625	(-)	TNTATGNTAATT	ATTACCATAGG	
		0.7314			NNNNWTATGCAAATNTNNN	CTTGTGATGCGAATAGCCA	
		0.79236					
M00136	V\$OCT1_02	6	14684	(-)	NNGAATATKCANNNN	GATGCGAATAGCCAT	
		0.80859					
M00162	V\$OCT1_06	4	14697	(+)	CWNAWTKWSATRYN	ATGTCTGAAATGAA	
		0.83398					
M00162	V\$OCT1_06	4	14698	(-)	CWNAWTKWSATRYN	TGTCTGAAATGAAT	
		0.84765					
M00162	V\$OCT1_06	6	14701	(+)	CWNAWTKWSATRYN	CTGAAATGAATGCA	
		0.90625			CWNAWTKWSATRYN	TGAATGCAATGATT	
		0.80008			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	4	14715	(-)	NNW	ATGATTCATTTTCAGAGATTCAA	
		0.82187					
M00162	V\$OCT1_06	5	14729	(-)	CWNAWTKWSATRYN	GAGATTCAAAACTG	

		0.80820				
M00162	V\$OCT1_06	3	14742	(-)	CWNAWTKWSATRYN	GATTTCTCATACAC
		0.78523			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	14756	(-)	NNW	TGTTGCTTTTTCAATGGTCTTTC
		0.80468				
M00162	V\$OCT1_06	7	14924	(-)	CWNAWTKWSATRYN	ACTATGCCACTGTG
		0.83437				
M00162	V\$OCT1_06	5	14940	(+)	CWNAWTKWSATRYN	GGTAAGTTCATTTA
		0.83291			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	14941	(+)	NNW	GTAAGTTCATTTAAATGACTGCA
		0.80405			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	14942	(-)	NNW	TAAGTTCATTTAAATGACTGCAT
		0.80076				
M00195	V\$OCT1_Q6	4	14945	(+)	NNNNATGCAAATNAN	GTTCATTTAAATGAC
		0.84765				
M00162	V\$OCT1_06	6	14946	(-)	CWNAWTKWSATRYN	TTCATTTAAATGAC
		0.91851				
M00136	V\$OCT1_02	7	14956	(-)	NNGAATATKCANNNN	TGACTGCATATTGCT
		0.79715			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	14993	(+)	NNW	AAAACATAATATAAAAAATAAATT
		0.79673			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	14995	(+)	NNW	AACATAATATAAAAAATAAATTTA
		0.81806			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	14996	(-)	NNW	ACATAATATAAAAAATAAATTTAG
		0.80937				
M00162	V\$OCT1_06	5	15000	(-)	CWNAWTKWSATRYN	AATATAAAAAATAAA
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.7867	15005	(+)	NNW	AAAAATAAATTTAGAATAAGCAT
		0.85273				
M00162	V\$OCT1_06	4	15005	(-)	CWNAWTKWSATRYN	AAAAATAAATTTAG
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.84839	15007	(-)	NNW	AAATAAATTTAGAATAAGCATGA
		0.79397				
M00135	V\$OCT1_01	2	15009	(-)	NNNNWTATGCAAATNTNNN	ATAAATTTAGAATAAGCAT
		0.81321				
M00136	V\$OCT1_02	1	15013	(-)	NNGAATATKCANNNN	ATTTAGAATAAGCAT
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.83187	15013	(-)	NNW	ATTTAGAATAAGCATGACACTTA
		0.79372				
M00248	V\$OCT1_07	5	15013	(-)	TNTATGNTAATT	ATTTAGAATAAG

M00135	V\$OCT1_01	0.7314	15015	(-)	NNNNWTATGCAAATNTNNN	TTAGAATAAGCATGACACT
		0.80887				
M00136	V\$OCT1_02	9	15016	(+)	NNGAATATKCANNNN	TAGAATAAGCATGAC
		0.81004				
M00248	V\$OCT1_07	9	15019	(-)	TNTATGNTAATT	AATAAGCATGAC
		0.82382				
M00162	V\$OCT1_06	8	15022	(+)	CWNAWTKWSATRYN	AAGCATGACACTTA
M00162	V\$OCT1_06	0.825	15023	(-)	CWNAWTKWSATRYN	AGCATGACACTTAA
		0.91953				
M00162	V\$OCT1_06	1	15028	(+)	CWNAWTKWSATRYN	GACACTTAAATGCT
		0.80859				
M00162	V\$OCT1_06	4	15028	(-)	CWNAWTKWSATRYN	GACACTTAAATGCT
		0.73254				
M00135	V\$OCT1_01	5	15045	(+)	NNNNWTATGCAAATNTNNN	TGTCCTATGCTAGAATTTT
		0.82187				
M00136	V\$OCT1_02	3	15052	(-)	NNGAATATKCANNNN	TGCTAGAATTTTCTG
		0.83207			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	9	15061	(+)	NNW	TTTCTGAAATGGAAAATTGATGA
		0.74914				
M00135	V\$OCT1_01	2	15063	(+)	NNNNWTATGCAAATNTNNN	TCTGAAATGGAAAATTGAT
		0.85546				
M00162	V\$OCT1_06	9	15066	(-)	CWNAWTKWSATRYN	GAAATGGAAAATTG
		0.82656				
M00162	V\$OCT1_06	2	15085	(+)	CWNAWTKWSATRYN	AACTTTCTGATATA
		0.84765				
M00162	V\$OCT1_06	6	15087	(+)	CWNAWTKWSATRYN	CTTTCTGATATATG
		0.78126			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	3	15097	(+)	NNW	TATGGCTAATGTTAATCCATTAC
		0.75410				
M00135	V\$OCT1_01	1	15099	(+)	NNNNWTATGCAAATNTNNN	TGGCTAATGTTAATCCATT
		0.85262				
M00137	V\$OCT1_03	7	15099	(+)	NNNRTAATNANNN	TGGCTAATGTAA
		0.79160				
M00248	V\$OCT1_07	5	15102	(+)	TNTATGNTAATT	CTAATGTTAATC
M00137	V\$OCT1_03	0.86448	15110	(-)	NNNRTAATNANNN	AATCCATTACTCA
		0.81367				
M00162	V\$OCT1_06	2	15143	(+)	CWNAWTKWSATRYN	ATCTATTGATAAG
		0.78084			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	15147	(+)	NNW	ATTGATAAGTGATAATCATTCT

		0.79639					
M00195	V\$OCT1_Q6	7	15152	(+)	NNNNATGCAAATNAN	ATAAGTGATAATCAT	
		0.89687					
M00137	V\$OCT1_03	9	15156	(+)	NNNRTAATNANNN	GTGATAATCATTC	
		0.81116			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	15157	(+)	NNW	TGATAATCATCTCTGATGAAAATA	
		0.83291			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	15163	(+)	NNW	TCATTCTGATGAAAATAGGAGGA	
		0.73922					
M00135	V\$OCT1_01	2	15165	(+)	NNNNWTATGCAAATNTNNN	ATTCTGATGAAAATAGGAG	
		0.83479			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	15200	(+)	NNW	AAGTAAAAATTCAACTTTATCCT	
M00136	V\$OCT1_02	0.82837	15202	(+)	NNGAATATKCANNNN	GTAAAAATTCAACTT	
		0.80071			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	1	15225	(+)	NNW	TTGCACTTTTGCTAATCTTTAAA	
		0.79797					
M00135	V\$OCT1_01	8	15227	(+)	NNNNWTATGCAAATNTNNN	GCACTTTTGCTAATCTTTA	
M00162	V\$OCT1_06	0.90625	15238	(+)	CWNAWTKWSATRYN	AATCTTTAAATGCC	
		0.81367					
M00162	V\$OCT1_06	2	15238	(-)	CWNAWTKWSATRYN	AATCTTTAAATGCC	
		0.82929					
M00162	V\$OCT1_06	7	15244	(-)	CWNAWTKWSATRYN	TAAATGCCTTTCTT	
		0.83772			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	15266	(-)	NNW	ACCCATGATATACATTAGAATGC	
M00136	V\$OCT1_02	0.78262	15279	(+)	NNGAATATKCANNNN	ATTAGAATGCAATGT	
		0.85546					
M00162	V\$OCT1_06	9	15282	(-)	CWNAWTKWSATRYN	AGAATGCAATGTGG	
		0.86562					
M00162	V\$OCT1_06	5	15307	(+)	CWNAWTKWSATRYN	CAGATTTTGACATT	
M00162	V\$OCT1_06	0.90625	15309	(+)	CWNAWTKWSATRYN	GATTTTGACATTCC	
M00162	V\$OCT1_06	0.80625	15330	(+)	CWNAWTKWSATRYN	CTAACTTGAAATCC	
		0.80664					
M00162	V\$OCT1_06	1	15332	(-)	CWNAWTKWSATRYN	AACTTGAAATCCTG	
		0.83437					
M00162	V\$OCT1_06	5	15345	(+)	CWNAWTKWSATRYN	GATCTTTTATTTT	
		0.81095			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	8	15347	(-)	NNW	TCITTTTATTTTCGCTTACTTGA	
		0.79234			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	6	15358	(-)	NNW	TCGCTTACTTGAAATAATATAAT	

M00137	V\$OCT1_03	0.92256	15373	(+)	NNNRTAATNANNN	AATATAATGATGT
		0.80217			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	15374	(+)	NNW	ATATAATGATGTTTGTITTTTATA
		0.85223				
M00137	V\$OCT1_03	2	15386	(-)	NNNRTAATNANNN	TTGTTTTTATAAC
		0.84218				
M00162	V\$OCT1_06	7	15405	(+)	CWNAWTKWSATRYN	GGTGATTAAATATA
		0.81555			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	15408	(+)	NNW	GATTAAATATAATAATCTATTAA
		0.75028				
M00135	V\$OCT1_01	6	15410	(+)	NNNNWTATGCAAATNTNNN	TTAAATATAATAATCTATT
M00162	V\$OCT1_06	0.85	15411	(-)	CWNAWTKWSATRYN	TAAATATAATAATC
		0.85183				
M00137	V\$OCT1_03	7	15413	(+)	NNNRTAATNANNN	AATATAATAATCT
		0.78962			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	15420	(-)	NNW	TAATCTATTAAGCATACTGCTGG
		0.76535				
M00135	V\$OCT1_01	7	15422	(-)	NNNNWTATGCAAATNTNNN	ATCTATTAAGCATACTGCT
		0.79534				
M00136	V\$OCT1_02	4	15426	(-)	NNGAATATKCANNNN	ATTAAGCATACTGCT
		0.92968				
M00162	V\$OCT1_06	8	15456	(+)	CWNAWTKWSATRYN	CATTTTTTGATTTA
		0.83479			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	15459	(-)	NNW	TTTTGATTTAGCAAAATTTTAT
M00135	V\$OCT1_01	0.77356	15461	(-)	NNNNWTATGCAAATNTNNN	TTTGATTTAGCAAAATTTT
		0.78251			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	15461	(+)	NNW	TTTGATTTAGCAAAATTTTATTA
		0.73903				
M00135	V\$OCT1_01	1	15462	(+)	NNNNWTATGCAAATNTNNN	TTGATTTAGCAAAATTTTA
		0.80468				
M00162	V\$OCT1_06	7	15471	(+)	CWNAWTKWSATRYN	CAAAATTTTATTAC
		0.83945				
M00162	V\$OCT1_06	3	15472	(+)	CWNAWTKWSATRYN	AAAATTTTATTACT
		0.83476				
M00162	V\$OCT1_06	6	15472	(-)	CWNAWTKWSATRYN	AAAATTTTATTACT
		0.88186				
M00137	V\$OCT1_03	5	15475	(-)	NNNRTAATNANNN	ATTTTATTACTGA
		0.80008				
M00248	V\$OCT1_07	5	15564	(+)	TNTATGNTAATT	TCITTGGTAAGT

		0.82929					
M00162	V\$OCT1_06	7	15577	(+)	CWNAWTKWSATRYN	GGAAATTGCTTGTC	
		0.79448					
M00195	V\$OCT1_Q6	7	15577	(-)	NNNNATGCAAATNAN	GGAAATTGCTTGCT	
		0.81869			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	15592	(-)	NNW	TGATCCTCTTTTCATATGAATAC	
M00135	V\$OCT1_01	0.76116	15594	(-)	NNNNWTATGCAAATNTNNN	ATCCTCTTTTCATATGAAT	
		0.86054					
M00162	V\$OCT1_06	7	15596	(+)	CWNAWTKWSATRYN	CCTCTTTTCATATG	
		0.85131			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	15598	(-)	NNW	TCTTTTCATATGAATACAAAGGT	
		0.80390					
M00162	V\$OCT1_06	6	15667	(+)	CWNAWTKWSATRYN	TATATTAGACACA	
		0.84314					
M00137	V\$OCT1_03	5	15675	(-)	NNNRTAATNANNN	GACACATTACACT	
		0.87382					
M00162	V\$OCT1_06	8	15677	(-)	CWNAWTKWSATRYN	CACATTACACTTAG	
		0.83667			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	9	15687	(-)	NNW	TTAGATAATATCAATAATTAAAT	
		0.79118					
M00248	V\$OCT1_07	1	15693	(-)	TNTATGNTAATT	AATATCAATAAT	
		0.87830					
M00137	V\$OCT1_03	9	15697	(+)	NNNRTAATNANNN	TCAATAATTAAAT	
		0.84257					
M00162	V\$OCT1_06	8	15699	(+)	CWNAWTKWSATRYN	AATAATTAAATTGG	
		0.78335			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	4	15701	(-)	NNW	TAATTAAATTGGCTTCAACATTT	
		0.80656			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	6	15716	(-)	NNW	CAACATTTTTTTGTATTATAATAA	
		0.82977			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	8	15721	(+)	NNW	TTTTTTGTATTATAATAATATCA	
		0.83396			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	1	15722	(-)	NNW	TTTTTGATTATAATAATATCAA	
		0.78147			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	2	15724	(+)	NNW	TTTGATTATAATAATATCAAAT	
		0.80343			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	15725	(-)	NNW	TTGTATTATAATAATATCAAATT		
		0.75753					
M00135	V\$OCT1_01	5	15726	(+)	NNNNWTATGCAAATNTNNN	TGTATTATAATAATATCAA	
		0.84492					
M00162	V\$OCT1_06	15726	(-)	CWNAWTKWSATRYN	TGTATTATAATAAT		

		2					
		0.91070					
M00137	V\$OCT1_03	7	15729	(+)	NNNRTAATNANNN	ATTATAATAATAT	
		0.82204			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	1	15730	(+)	NNW	TTATAATAATATCAAATTTAAGT	
		0.88632					
M00162	V\$OCT1_06	8	15737	(-)	CWNAWTKWSATRYN	AATATCAAATTTAA	
		0.81367			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	6	15738	(-)	NNW	ATATCAAATTTAAGTAACAATAA	
		0.89101					
M00162	V\$OCT1_06	6	15742	(-)	CWNAWTKWSATRYN	CAAATTTAAGTAAC	
		0.83709			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	7	15762	(+)	NNW	ACTAGCTAATTTTAATTAATATA	
		0.81451			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	3	15763	(-)	NNW	CTAGCTAATTTTAATTAATATAA	
		0.85820					
M00162	V\$OCT1_06	3	15767	(+)	CWNAWTKWSATRYN	CTAATTTTAATTAA	
		0.80240					
M00195	V\$OCT1_Q6	2	15767	(-)	NNNNATGCAAATNAN	CTAATTTTAATTAAT	
		0.83082					
M00248	V\$OCT1_07	5	15767	(+)	TNTATGNTAATT	CTAATTTTAATT	
		0.82643			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	2	15768	(+)	NNW	TAATTTTAATTAATATAATTIAT	
		0.83437					
M00162	V\$OCT1_06	5	15768	(-)	CWNAWTKWSATRYN	TAATTTTAATTAAT	
					NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	0.83417	15769	(-)	NNW	AATTTTAATTAATATAATTTATT	
		0.74914					
M00135	V\$OCT1_01	2	15771	(-)	NNNNWTATGCAAATNTNNN	TTTAAATTAATATAAATTA	
		0.79778			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	3	15773	(-)	NNW	TTAATTAATATAATTTATTATAT	
		0.87216					
M00248	V\$OCT1_07	5	15775	(-)	TNTATGNTAATT	AATTAATATAAT	
		0.83984					
M00162	V\$OCT1_06	4	15776	(+)	CWNAWTKWSATRYN	ATTAATATAATTTA	
		0.85815					
M00137	V\$OCT1_03	9	15784	(-)	NNNRTAATNANNN	AATTTATTATATT	
		0.84483			NNNNNNNNWATGCAAATNNNW		
M00138	V\$OCT1_04	5	15786	(+)	NNW	TTTATTATATTGAAATTTCTACA	
M00138	V\$OCT1_04		15787	(-)		TTATTATATTGAAATTTCTACAC	
		0.81451			NNNNNNNNWATGCAAATNNNW		

		3			NNW	
		0.78405				
M00135	V\$OCT1_01	2	15788	(+)	NNNNWTATGCAAATNTNNN	TATTATATTGAAATTTCTA
		0.85546				
M00162	V\$OCT1_06	9	15791	(+)	CWNAWTKWSATRYN	TATATTGAAATTTTC
		0.86054				
M00162	V\$OCT1_06	7	15791	(-)	CWNAWTKWSATRYN	TATATTGAAATTTTC
		0.90841				
M00248	V\$OCT1_07	6	15791	(+)	TNTATGNTAATT	TATATTGAAATT
M00137	V\$OCT1_03	0.86448	15862	(-)	NNNRTAATNANNN	TATTCTTTATGAT
M00162	V\$OCT1_06	0.80625	15873	(+)	CWNAWTKWSATRYN	ATCACTGGAATAGA
		0.79088			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	15874	(+)	NNW	TCACTGGAATAGAAATACTTAAA
		0.82656				
M00162	V\$OCT1_06	2	15879	(+)	CWNAWTKWSATRYN	GGAATAGAAATACT
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.79381	15880	(+)	NNW	GAATAGAAATACTTAAAAAGTCA
		0.78293			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	15882	(+)	NNW	ATAGAAATACTTAAAAAGTCACA
		0.80820				
M00162	V\$OCT1_06	3	15896	(-)	CWNAWTKWSATRYN	AAAGTCACATAGTT
		0.82109				
M00162	V\$OCT1_06	4	15909	(-)	CWNAWTKWSATRYN	TAAATCAAGTATTT
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.78189	15935	(+)	NNW	GAAAACAGATTTAAATGTCCATA
					NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	0.79611	15936	(-)	NNW	AAAACAGATTTAAATGTCCATAG
		0.94570				
M00162	V\$OCT1_06	3	15940	(+)	CWNAWTKWSATRYN	CAGATTTAAATGTC
		0.84257				
M00162	V\$OCT1_06	8	15940	(-)	CWNAWTKWSATRYN	CAGATTTAAATGTC
		0.74093				
M00135	V\$OCT1_01	9	15944	(-)	NNNNWTATGCAAATNTNNN	TTTAAATGTCCATAGATGT
		0.87407				
M00248	V\$OCT1_07	3	15948	(-)	TNTATGNTAATT	AATGTCCATAGA
		0.78523			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	6	15957	(-)	NNW	AGATGTGTTTTGAGTACTTCAGT
		0.80664				
M00162	V\$OCT1_06	1	15992	(-)	CWNAWTKWSATRYN	AGCTTGTAGTTGTG

		0.85273				
M00162	V\$OCT1_06	4	16053	(-)	CWNAWTKWSATRYN	CAGATCAAAAGAAG
		0.80312				
M00162	V\$OCT1_06	5	16066	(-)	CWNAWTKWSATRYN	GGAAAGTAAAAGTC
		0.89335				
M00162	V\$OCT1_06	9	16075	(+)	CWNAWTKWSATRYN	AAGTCTGACATACG
		0.82768			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	7	16094	(-)	NNW	GTTTTACTTTGAATTATTTTGC
		0.79448				
M00195	V\$OCT1_Q6	7	16098	(-)	NNNNATGCAAATNAN	TTACTTTGAATTATT
M00136	V\$OCT1_02	0.77098	16100	(-)	NNGAATATKCANNNN	ACTTTGAATTATTTT
		0.78879			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	16104	(-)	NNW	TGAATTATTTTGCCATATTTTCT
		0.73292				
M00135	V\$OCT1_01	6	16107	(-)	NNNNWTATGCAAATNTNNN	ATTATTTTGCCATATTTTC
		0.85507				
M00162	V\$OCT1_06	8	16156	(+)	CWNAWTKWSATRYN	ATAAATTGCCTGTA
		0.78168			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	16157	(+)	NNW	TAAATTGCCTGTAAAACTTAAAA
		0.83671				
M00162	V\$OCT1_06	9	16162	(-)	CWNAWTKWSATRYN	TGCCTGTAAAACTT
		0.82148				
M00162	V\$OCT1_06	4	16169	(+)	CWNAWTKWSATRYN	AAAACCTAAAAATC
		0.80820				
M00162	V\$OCT1_06	3	16169	(-)	CWNAWTKWSATRYN	AAAACCTAAAAATC
		0.80622				
M00195	V\$OCT1_Q6	3	16170	(+)	NNNNATGCAAATNAN	AAACTTAAAAATCAG
		0.83320				
M00162	V\$OCT1_06	3	16215	(-)	CWNAWTKWSATRYN	CACATATAACTTTG
		0.80429				
M00162	V\$OCT1_06	7	16234	(-)	CWNAWTKWSATRYN	TTCATCTTAAGATG
		0.80429				
M00162	V\$OCT1_06	7	16236	(+)	CWNAWTKWSATRYN	CATCTTAAGATGAA
		0.78711			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	8	16248	(+)	NNW	AAGAGAAAATGACTATTAAAGTG
M00136	V\$OCT1_02	0.79372	16253	(-)	NNGAATATKCANNNN	AAAATGACTATTAAA
		0.79590			NNNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	1	16254	(+)	NNW	AAATGACTATTAAAGTGATCTT
		0.77260				
M00136	V\$OCT1_02	4	16256	(+)	NNGAATATKCANNNN	ATGACTATTAAAGTG

M00136	V\$OCT1_02	0.77856	16295	(+)	NNGAATATKCANNNN	CAAAACATGCAGCAT
		0.81835				
M00136	V\$OCT1_02	4	16313	(-)	NNGAATATKCANNNN	TAACTACATATTTCT
		0.84218				
M00162	V\$OCT1_06	7	16319	(-)	CWNAWTKWSATRYN	CATATTCTTTTTT
		0.79966			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	5	16327	(-)	NNW	TTTTTGATTACAGATGGGATT
M00135	V\$OCT1_01	0.75124	16329	(-)	NNNNWTATGCAAATNTNNN	TTTGATTACAGATGGGA
		0.79066				
M00195	V\$OCT1_Q6	6	16331	(-)	NNNNATGCAAATNAN	TTGATTACAGATGG
		0.81795				
M00195	V\$OCT1_Q6	9	16344	(+)	NNNNATGCAAATNAN	GGGATTGAAAATTCC
		0.79913				
M00136	V\$OCT1_02	4	16345	(-)	NNGAATATKCANNNN	GGATTGAAAATTCCA
		0.81367				
M00162	V\$OCT1_06	2	16345	(-)	CWNAWTKWSATRYN	GGATTGAAAATTCC
		0.73712				
M00135	V\$OCT1_01	3	16348	(-)	NNNNWTATGCAAATNTNNN	TTGAAAATTCCATGCTCTA
		0.78316				
M00136	V\$OCT1_02	2	16348	(+)	NNGAATATKCANNNN	TTGAAAATTCCATGC
		0.89687				
M00162	V\$OCT1_06	5	16350	(+)	CWNAWTKWSATRYN	GAAAATTCCATGCT
		0.87265				
M00162	V\$OCT1_06	6	16351	(-)	CWNAWTKWSATRYN	AAAATTCCATGCTC
		0.80072				
M00248	V\$OCT1_07	1	16352	(-)	TNTATGNTAATT	AAATTCCATGCT
		0.81601				
M00162	V\$OCT1_06	6	16359	(+)	CWNAWTKWSATRYN	ATGCTCTACATGTC
		0.81331				
M00195	V\$OCT1_Q6	9	16359	(-)	NNNNATGCAAATNAN	ATGCTCTACATGTCT
		0.83437				
M00162	V\$OCT1_06	5	16364	(+)	CWNAWTKWSATRYN	CTACATGTCTTTTC
		0.80664				
M00162	V\$OCT1_06	1	16365	(-)	CWNAWTKWSATRYN	TACATGTCTTTTCA
		0.78147			NNNNNNNWATGCAAATNNNW	
M00138	V\$OCT1_04	2	16415	(-)	NNW	TTGCTGTTTTAGAATAGGACAAT
		0.84726				
M00162	V\$OCT1_06	6	16427	(-)	CWNAWTKWSATRYN	AATAGGACAATCTC
		0.86054				
M00162	V\$OCT1_06	7	16433	(-)	CWNAWTKWSATRYN	ACAATCTCAAATTG

M00162	V\$OCT1_06	0.83476 6	16470	(+)	CWNAWTKWSATRYN	CTCTATTGTATTTT
M00248	V\$OCT1_07	0.83930 5	16471	(+)	TNTATGNTAATT	TCTATTGTATTT
M00162	V\$OCT1_06	0.84765 6	16476	(-)	CWNAWTKWSATRYN	TGTATTTTAGATTG
M00162	V\$OCT1_06	0.82656 2	16477	(+)	CWNAWTKWSATRYN	GTATTTTAGATTGT
M00162	V\$OCT1_06	0.84218 7	16501	(-)	CWNAWTKWSATRYN	TAAGTGAAATTGTC
M00162	V\$OCT1_06	0.80078 1	16525	(+)	CWNAWTKWSATRYN	GTTACCTAAATTCC
M00162	V\$OCT1_06	0.81406 2	16531	(-)	CWNAWTKWSATRYN	TAAATTCCAGTAGT
M00162	V\$OCT1_06	0.82929 7	16576	(+)	CWNAWTKWSATRYN	GGGAATTACAGTCT
M00162	V\$OCT1_06	0.87812 5	16577	(-)	CWNAWTKWSATRYN	GGAATTACAGTCTT
M00137	V\$OCT1_03	0.84037 9	16587	(-)	NNNRTAATNANNN	TCTTCATTAAATT
M00162	V\$OCT1_06	0.91171 9	16588	(+)	CWNAWTKWSATRYN	CTTCATTAAATTTT
M00162	V\$OCT1_06	0.84765 6	16589	(-)	CWNAWTKWSATRYN	TTCATTAAATTTCT
M00138	V\$OCT1_04	0.83375 2	16590	(-)	NNNNNNNWATGCAAATNNNW NNW	TCATTAAATTTCTATATGGAAAA
M00135	V\$OCT1_01	0.80885 2	16592	(-)	NNNNWTATGCAAATNTNNN	ATTAAATTTCTATATGGAA
M00162	V\$OCT1_06	0.86054 7	16594	(-)	CWNAWTKWSATRYN	TAAATTTCTATATG
M00248	V\$OCT1_07	0.82552 5	16596	(-)	TNTATGNTAATT	AATTTCTATATG
M00138	V\$OCT1_04	0.80008 4	16597	(+)	NNNNNNNWATGCAAATNNNW NNW	ATTTCTATATGGAAAATGTTTTT
M00135	V\$OCT1_01	0.80713 5	16599	(+)	NNNNWTATGCAAATNTNNN	TTCTATATGGAAAATGTTT
M00162	V\$OCT1_06	0.81367 2	16601	(+)	CWNAWTKWSATRYN	CTATATGGAAAATG
M00248	V\$OCT1_07	0.86919 7	16602	(+)	TNTATGNTAATT	TATATGGAAAAT

M00162	V\$OCT1_06	0.86796 9	16651	(+)	CWNAWTKWSATRYN	CATCATTTCAAATA
M00195	V\$OCT1_Q6	0.81004 4	16652	(+)	NNNNATGCAAATNAN	ATCATTTCAAATAAC
M00162	V\$OCT1_06	0.80039 1	16654	(-)	CWNAWTKWSATRYN	CATTTCAAATAACT
M00162	V\$OCT1_06	0.91679 7	16675	(+)	CWNAWTKWSATRYN	GTAAGTGAATTTT
M00162	V\$OCT1_06	0.80429 7	16676	(-)	CWNAWTKWSATRYN	TAACTGAGATTTTG
M00162	V\$OCT1_06	0.82109 4	16683	(+)	CWNAWTKWSATRYN	GATTTTGTCTTTCT
M00138	V\$OCT1_04	0.7867	16692	(-)	NNNNNNNWATGCAAATNNNW NNW	TTTCTTCTTTTCAATAAATTACA
M00162	V\$OCT1_06	0.94531 2	16705	(+)	CWNAWTKWSATRYN	ATAAATTACATTTT
M00195	V\$OCT1_Q6	0.81823 1	16705	(-)	NNNNATGCAAATNAN	ATAAATTACATTTTA
M00162	V\$OCT1_06	0.86835 9	16706	(-)	CWNAWTKWSATRYN	TAAATTACATTTTA
M00248	V\$OCT1_07	0.79308 9	16707	(-)	TNTATGNTAATT	AAATTACATTTT
M00059	V\$YY1_01	0.79783 7	56	(+)	NNNNNCCATNTWNNNWN	TGTATACATATAAAAAA
M00059	V\$YY1_01	0.80963 3	190	(-)	NNNNNCCATNTWNNNWN	ATTTGCAAATGTTGATA
M00059	V\$YY1_01	0.88466 6	263	(+)	NNNNNCCATNTWNNNWN	CCTGATCATTTTTAAAA
M00059	V\$YY1_01	0.84895 2	292	(-)	NNNNNCCATNTWNNNWN	TACTGAAAATGTAGATA
M00059	V\$YY1_01	0.80111 4	362	(-)	NNNNNCCATNTWNNNWN	TCTGTAAAATGTTGTCA
M00059	V\$YY1_01	0.85550 5	414	(+)	NNNNNCCATNTWNNNWN	GAAGATCATTTCTGTAG
M00069	V\$YY1_02	0.85505 2	437	(+)	NNNCGGCCATCTGNCTSNW	TCGAGGCCATTTTTATTCCA
M00059	V\$YY1_01	0.88695 9	438	(+)	NNNNNCCATNTWNNNWN	CGAGGCCATTTTTATTC
M00059	V\$YY1_01	0.79456 1	449	(+)	NNNNNCCATNTWNNNWN	TTATTCCATGTAATTAG

		0.77457					
M00059	V\$YY1_01	4	512	(-)	NNNNNCCATNTWNNNWN	AGATATAAATGATTACT	
		0.79030					
M00059	V\$YY1_01	1	566	(-)	NNNNNCCATNTWNNNWN	ACAAATATATGAAAATA	
		0.78079					
M00059	V\$YY1_01	9	600	(-)	NNNNNCCATNTWNNNWN	TTATAAATATGTCITTTT	
M00059	V\$YY1_01	0.79194	616	(-)	NNNNNCCATNTWNNNWN	TTTAACAAATGCAGGTA	
		0.83387					
M00059	V\$YY1_01	9	706	(+)	NNNNNCCATNTWNNNWN	AAATTTTCATGTATAATC	
		0.86304					
M00059	V\$YY1_01	1	742	(+)	NNNNNCCATNTWNNNWN	GAAATGCATTTTTTCAG	
		0.81356					
M00059	V\$YY1_01	5	849	(+)	NNNNNCCATNTWNNNWN	CATCTTCATACAGTCAT	
		0.78047					
M00059	V\$YY1_01	2	861	(-)	NNNNNCCATNTWNNNWN	GTCATGTCATGGATATA	
		0.79783					
M00059	V\$YY1_01	7	951	(-)	NNNNNCCATNTWNNNWN	CACAAACAATGCTTTTC	
		0.81487					
M00059	V\$YY1_01	5	998	(+)	NNNNNCCATNTWNNNWN	TAAAGACATCTTTTAAA	
		0.78276					
M00059	V\$YY1_01	5	1038	(+)	NNNNNCCATNTWNNNWN	ATTTACCAGTTTITAGTT	
		0.86304					
M00059	V\$YY1_01	1	1105	(+)	NNNNNCCATNTWNNNWN	TATTGTCATATTTTAAA	
		0.77719					
M00059	V\$YY1_01	5	1296	(-)	NNNNNCCATNTWNNNWN	GAAACTAAATGAATAAA	
		0.79030					
M00059	V\$YY1_01	1	1821	(+)	NNNNNCCATNTWNNNWN	TGGGTCCATTATAGGCT	
		0.81716					
M00059	V\$YY1_01	9	1835	(+)	NNNNNCCATNTWNNNWN	GCTTAACATATTTGTAA	
		0.83158					
M00059	V\$YY1_01	6	1927	(+)	NNNNNCCATNTWNNNWN	CAACACCATAGACAGCC	
		0.78014					
M00059	V\$YY1_01	4	1980	(-)	NNNNNCCATNTWNNNWN	CAAGAACACTGGAGTGG	
		0.78309					
M00059	V\$YY1_01	3	1996	(+)	NNNNNCCATNTWNNNWN	GGTTGCCATTTCCTTCT	
		0.80111					
M00059	V\$YY1_01	4	2069	(-)	NNNNNCCATNTWNNNWN	GCGACTCCATGGACTGC	
		0.78342					
M00059	V\$YY1_01	1	2070	(+)	NNNNNCCATNTWNNNWN	CGACTCCATGGACTGCA	
M00059	V\$YY1_01		2100	(-)	NNNNNCCATNTWNNNWN	CTCCATCCATGGGATTT	
		0.81323					

M00059	V\$YY1_01	0.78768	2190	(+)	NNNNNCCATNTWNNNWN	TGTATCCACTTTTGGA
		0.80996				
M00059	V\$YY1_01	1	2365	(+)	NNNNNCCATNTWNNNWN	CAAATTCAGTTATTAAT
		0.81389				
M00059	V\$YY1_01	3	2527	(-)	NNNNNCCATNTWNNNWN	TTTCTGAAATGCTGAGA
		0.80635				
M00059	V\$YY1_01	6	2719	(+)	NNNNNCCATNTWNNNWN	GTAGTCCATATCTTTTC
		0.90629				
M00059	V\$YY1_01	1	2799	(+)	NNNNNCCATNTWNNNWN	AAACATCATTTTTAAAT
		0.78702				
M00059	V\$YY1_01	5	2815	(+)	NNNNNCCATNTWNNNWN	TGCTAACATTTAACAAA
		0.82732				
M00059	V\$YY1_01	6	2849	(-)	NNNNNCCATNTWNNNWN	CAGTTAAAATGCAGATT
		0.79521				
M00059	V\$YY1_01	6	3202	(+)	NNNNNCCATNTWNNNWN	TCTCTCCAGTGAGTGTT
		0.80078				
M00059	V\$YY1_01	6	3317	(+)	NNNNNCCATNTWNNNWN	AACAGCCAGTTTCACAT
		0.77543				
M00069	V\$YY1_02	7	3394	(-)	NNNCGGCCATCTTGNCTSNW	TTTAGAGAAGAGGGCATTG
		0.83682				
M00059	V\$YY1_01	8	3492	(+)	NNNNNCCATNTWNNNWN	TATTTTCATGTATTATT
		0.79718				
M00059	V\$YY1_01	2	3554	(+)	NNNNNCCATNTWNNNWN	GATCTCAATTTACACAC
		0.85222				
M00059	V\$YY1_01	8	3640	(+)	NNNNNCCATNTWNNNWN	TTAGTTCATTTTTTAAT
		0.86926				
M00059	V\$YY1_01	6	3755	(+)	NNNNNCCATNTWNNNWN	CATTTCATTTTCATT
		0.80013				
M00059	V\$YY1_01	1	3761	(+)	NNNNNCCATNTWNNNWN	CATTTTCATTGTATAC
		0.80733				
M00059	V\$YY1_01	9	3790	(+)	NNNNNCCATNTWNNNWN	TGTATCCAGGTACTCAG
M00059	V\$YY1_01	0.90924	3916	(-)	NNNNNCCATNTWNNNWN	AACCAAACATGGTGTCT
		0.75312				
M00069	V\$YY1_02	4	3916	(+)	NNNCGGCCATCTTGNCTSNW	AACCAAACATGGTGTCTCCT
		0.85353				
M00059	V\$YY1_01	9	4009	(-)	NNNNNCCATNTWNNNWN	CTAAATAAATGGAGAAT
		0.79423				
M00059	V\$YY1_01	3	4028	(-)	NNNNNCCATNTWNNNWN	GTGTTCAAATGGAAAAA

		0.77981					
M00059	V\$YY1_01	7	4045	(+)	NNNNNCCATNTWNNNWN	CATTCTCCTTTTTTGAC	
		0.79685					
M00059	V\$YY1_01	5	4093	(-)	NNNNNCCATNTWNNNWN	ATTCCTACAGGAAGTCC	
		0.78309					
M00059	V\$YY1_01	3	4239	(+)	NNNNNCCATNTWNNNWN	TTTCTTCATTGCTCAC	
		0.82011					
M00059	V\$YY1_01	8	4280	(-)	NNNNNCCATNTWNNNWN	AATTATATATGCAAATA	
		0.79259					
M00059	V\$YY1_01	5	4391	(+)	NNNNNCCATNTWNNNWN	AATTTCCATTCTCATTA	
M00059	V\$YY1_01	0.79751	4509	(+)	NNNNNCCATNTWNNNWN	CAAGACCAGTATTTAAA	
		0.78309					
M00059	V\$YY1_01	3	4665	(-)	NNNNNCCATNTWNNNWN	TGTTATTTATGGTATTA	
		0.78964					
M00059	V\$YY1_01	6	4856	(+)	NNNNNCCATNTWNNNWN	ACTGACCAGCTTAAATA	
		0.80111					
M00059	V\$YY1_01	4	4896	(-)	NNNNNCCATNTWNNNWN	CGCAAGAAATGATATTG	
		0.78342					
M00059	V\$YY1_01	1	4935	(+)	NNNNNCCATNTWNNNWN	AAAAAGCATATTTATTT	
		0.83650					
M00059	V\$YY1_01	1	4992	(+)	NNNNNCCATNTWNNNWN	GATATCCATCCATTCAT	
		0.79718					
M00059	V\$YY1_01	2	4996	(+)	NNNNNCCATNTWNNNWN	TCCATCCATTCATGTTT	
		0.78079					
M00059	V\$YY1_01	9	5035	(+)	NNNNNCCATNTWNNNWN	GGAGAACATCAATGAAC	
		0.80078					
M00059	V\$YY1_01	6	5038	(-)	NNNNNCCATNTWNNNWN	GAACATCAATGAACTGA	
		0.83912					
M00059	V\$YY1_01	2	5065	(-)	NNNNNCCATNTWNNNWN	GAACATAAATGATATTT	
		0.84927					
M00059	V\$YY1_01	9	5218	(-)	NNNNNCCATNTWNNNWN	GTCGAAAAATGCTTTGT	
M00059	V\$YY1_01	0.82962	5242	(+)	NNNNNCCATNTWNNNWN	AAAAAACATTTTAGAAA	
		0.75258					
M00069	V\$YY1_02	8	5291	(-)	NNNCGGCCATCTTGNCSTNW	AACTTTCAAAATGACTGATG	
		0.78735					
M00059	V\$YY1_01	3	5293	(-)	NNNNNCCATNTWNNNWN	CTTTCAAAATGACTGAT	
		0.77686					
M00059	V\$YY1_01	8	5325	(-)	NNNNNCCATNTWNNNWN	TTCTAAATATTGATTTC	
		0.79816					
M00059	V\$YY1_01	5	5387	(-)	NNNNNCCATNTWNNNWN	ATGAATGAATGGATAAA	

		0.86992					
M00059	V\$YY1_01	1	5415	(-)	NNNNNCCATNTWNNNWN	GTGCAATTATGGACTGA	
		0.77064					
M00059	V\$YY1_01	2	5502	(-)	NNNNNCCATNTWNNNWN	CTCCAAGAATGTTTTAC	
		0.78702					
M00059	V\$YY1_01	5	5848	(-)	NNNNNCCATNTWNNNWN	GATGCAACATGTATGTT	
		0.81454					
M00059	V\$YY1_01	8	5940	(-)	NNNNNCCATNTWNNNWN	GTACTGCTATGGTGATG	
		0.81585					
M00059	V\$YY1_01	8	5953	(-)	NNNNNCCATNTWNNNWN	GATGGAAACTGAACACA	
		0.81782					
M00059	V\$YY1_01	4	5971	(-)	NNNNNCCATNTWNNNWN	CAAACATCATGGAGAAA	
		0.81192					
M00059	V\$YY1_01	7	5985	(+)	NNNNNCCATNTWNNNWN	AAAATTCATTTTGCTTA	
		0.80668					
M00059	V\$YY1_01	4	6155	(+)	NNNNNCCATNTWNNNWN	TCAAAACATATAAAAAT	
		0.78342					
M00059	V\$YY1_01	1	6191	(-)	NNNNNCCATNTWNNNWN	GCTCTGAAATGCAGATT	
		0.77752					
M00059	V\$YY1_01	3	6259	(+)	NNNNNCCATNTWNNNWN	CCTTACCAGTTCTCTAT	
		0.78112					
M00059	V\$YY1_01	7	6277	(+)	NNNNNCCATNTWNNNWN	GCCACCCATTCTATTT	
		0.84764					
M00059	V\$YY1_01	1	6299	(+)	NNNNNCCATNTWNNNWN	GGCATCCATTTTATTTG	
		0.83912					
M00059	V\$YY1_01	2	6318	(+)	NNNNNCCATNTWNNNWN	AATTATCATTTTATATT	
		0.79882					
M00059	V\$YY1_01		6385	(+)	NNNNNCCATNTWNNNWN	TCAAGCCATGGAAGATG	
		0.79390					
M00059	V\$YY1_01	6	6391	(-)	NNNNNCCATNTWNNNWN	CATGGAAGATGCTAAGG	
		0.77883					
M00059	V\$YY1_01	4	6626	(-)	NNNNNCCATNTWNNNWN	AAAGCAAAATGTGCATG	
		0.92988					
M00059	V\$YY1_01	2	6646	(-)	NNNNNCCATNTWNNNWN	GTTTAAAAATGAACATC	
		0.86697					
M00059	V\$YY1_01	2	6889	(+)	NNNNNCCATNTWNNNWN	CATGTCCATTCAAGTCAG	
		0.77817					
M00059	V\$YY1_01	8	7065	(+)	NNNNNCCATNTWNNNWN	TGACTTCCTGTAGTGAT	
		0.83256					
M00059	V\$YY1_01	9	7127	(+)	NNNNNCCATNTWNNNWN	GGAGTTCATCTTTCAGT	
M00059	V\$YY1_01		7166	(-)	NNNNNCCATNTWNNNWN	TACTGTTCATGGGGTTC	
		0.78112					

		0.85255					
M00059	V\$YY1_01	6	7210	(+)	NNNNNCCATNTWNNNWN	CCATTCCATTCTCCAAT	
		0.81684					
M00059	V\$YY1_01	1	7244	(-)	NNNNNCCATNTWNNNWN	CTCAAAACATGAAAAAA	
		0.78931					
M00059	V\$YY1_01	8	7312	(+)	NNNNNCCATNTWNNNWN	TTGCTGCATATTAGAAT	
		0.78047					
M00059	V\$YY1_01	2	7333	(-)	NNNNNCCATNTWNNNWN	ATCTTAGTATGTACTTG	
		0.83551					
M00059	V\$YY1_01	8	7361	(+)	NNNNNCCATNTWNNNWN	CAGATCCATATGTAAAT	
		0.89351					
M00059	V\$YY1_01	2	7370	(-)	NNNNNCCATNTWNNNWN	ATGTAAATATGAACATC	
		0.80471					
M00059	V\$YY1_01	8	7377	(+)	NNNNNCCATNTWNNNWN	TATGAACATCTATGACT	
		0.85550					
M00059	V\$YY1_01	5	7449	(+)	NNNNNCCATNTWNNNWN	TAGTTCATTCTGAAAT	
		0.86304					
M00059	V\$YY1_01	1	7475	(+)	NNNNNCCATNTWNNNWN	TATTTTCATATTTCCAA	
		0.82011					
M00059	V\$YY1_01	8	7577	(+)	NNNNNCCATNTWNNNWN	TCATTCCAGGTTTCATT	
		0.78243					
M00059	V\$YY1_01	8	7698	(+)	NNNNNCCATNTWNNNWN	CTCCAACATATTTTAAA	
		0.79357					
M00059	V\$YY1_01	8	7797	(+)	NNNNNCCATNTWNNNWN	GCAATCCAGTATGAAAG	
		0.78505					
M00059	V\$YY1_01	9	7799	(-)	NNNNNCCATNTWNNNWN	AATCCAGTATGAAAGTG	
		0.79587					
M00059	V\$YY1_01	2	7853	(-)	NNNNNCCATNTWNNNWN	CAGTAACAATGATTCTC	
		0.79849					
M00059	V\$YY1_01	3	7882	(-)	NNNNNCCATNTWNNNWN	AATGAAAGCTGGAAGCA	
		0.79488					
M00059	V\$YY1_01	9	7913	(+)	NNNNNCCATNTWNNNWN	GTATGCCATTTTATGT	
		0.84338					
M00059	V\$YY1_01	1	7945	(-)	NNNNNCCATNTWNNNWN	ATTAGAAAATGTTTATG	
		0.84633					
M00059	V\$YY1_01		8126	(-)	NNNNNCCATNTWNNNWN	AATCCTATCTGGATATC	
		0.86599					
M00059	V\$YY1_01		8149	(-)	NNNNNCCATNTWNNNWN	ATCCAAACATGATTTTT	
		0.81323					
M00059	V\$YY1_01	7	8220	(-)	NNNNNCCATNTWNNNWN	TTACAATAATGGCTATG	

		0.77031				
M00059	V\$YY1_01	5	8410	(+)	NNNNNCCATNTWNNNWN	TAAACCCAGTTCCAATG
M00059	V\$YY1_01	0.79194	8501	(-)	NNNNNCCATNTWNNNWN	AAGAGAACATGTACTTT
		0.80832				
M00059	V\$YY1_01	2	8558	(+)	NNNNNCCATNTWNNNWN	TAAAATCAGTTTACCAC
M00059	V\$YY1_01	0.77228	8576	(-)	NNNNNCCATNTWNNNWN	GATAAGCTATGATGTGT
		0.78342				
M00059	V\$YY1_01	1	8643	(+)	NNNNNCCATNTWNNNWN	ACAATACATTTTTTTTT
		0.80242				
M00059	V\$YY1_01	5	8721	(+)	NNNNNCCATNTWNNNWN	TAACATCATCCAGGATA
		0.80963				
M00059	V\$YY1_01	3	8788	(-)	NNNNNCCATNTWNNNWN	CATTCAAAAGGAAGATG
		0.79783				
M00059	V\$YY1_01	7	8880	(-)	NNNNNCCATNTWNNNWN	GAGCAAGAATGTTGTGT
		0.81258				
M00059	V\$YY1_01	2	9080	(-)	NNNNNCCATNTWNNNWN	GTATTGAAATGGCACGC
		0.78473				
M00059	V\$YY1_01	1	9203	(-)	NNNNNCCATNTWNNNWN	GTGACAAAATAGTAATA
		0.81487				
M00059	V\$YY1_01	5	9274	(-)	NNNNNCCATNTWNNNWN	CTCGGTAAATGTGGCTA
		0.85910				
M00059	V\$YY1_01	9	9298	(+)	NNNNNCCATNTWNNNWN	AAACATCATTTTTTCCC
		0.76722				
M00069	V\$YY1_02	6	9347	(-)	NNNCGGCCATCTTGNCTSNW	CAGAAAACAAATGGTGCTAG
M00059	V\$YY1_01	0.83945	9349	(-)	NNNNNCCATNTWNNNWN	GAAAACAAATGGTGCTA
		0.85910				
M00059	V\$YY1_01	9	9473	(+)	NNNNNCCATNTWNNNWN	GAATTCCATAGACAAAG
		0.78342				
M00059	V\$YY1_01	1	9503	(+)	NNNNNCCATNTWNNNWN	TATATCCATAGGATCAC
M00059	V\$YY1_01	0.87287	9726	(+)	NNNNNCCATNTWNNNWN	CATGTCCATTCACTGAT
		0.81061				
M00059	V\$YY1_01	6	10091	(+)	NNNNNCCATNTWNNNWN	GGATACCATGATAGATG
		0.81078				
M00069	V\$YY1_02	2	10095	(-)	NNNCGGCCATCTTGNCTSNW	ACCATGATAGATGGTATCCA
		0.88532				
M00059	V\$YY1_01	1	10097	(-)	NNNNNCCATNTWNNNWN	CATGATAGATGGTATCC
		0.80209				
M00059	V\$YY1_01	7	10138	(-)	NNNNNCCATNTWNNNWN	CTTTGAATAGGAACAGC
M00059	V\$YY1_01		10272	(+)	NNNNNCCATNTWNNNWN	TCAAATCATGTTAGAGC
		0.81487				

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		0.78800					
M00059	V\$YY1_01	8	10338	(+)	NNNNNCCATNTWNNNWN	CAAATCCAGTTCTGAGT	
		0.87188					
M00059	V\$YY1_01	7	10407	(+)	NNNNNCCATNTWNNNWN	ACATTCCATTAAAAAA	
		0.79849					
M00059	V\$YY1_01	3	10451	(+)	NNNNNCCATNTWNNNWN	GGATCCCATACATTCAA	
		0.78866					
M00059	V\$YY1_01	3	10804	(-)	NNNNNCCATNTWNNNWN	AATAATACATGTTTTT	
		0.83256					
M00059	V\$YY1_01	9	10909	(-)	NNNNNCCATNTWNNNWN	TTTGAACATGAAGTCA	
		0.83387					
M00059	V\$YY1_01	9	10937	(-)	NNNNNCCATNTWNNNWN	CTGATAGTATGGATAGA	
		0.78407					
M00059	V\$YY1_01	6	11031	(+)	NNNNNCCATNTWNNNWN	GGAGGCCATAAATTTTT	
		0.82175					
M00059	V\$YY1_01	6	11116	(+)	NNNNNCCATNTWNNNWN	AAATTACATTTTCACAT	
		0.78211					
M00059	V\$YY1_01	11164	(-)	NNNNNCCATNTWNNNWN	AGTCAATAATGAATTTA		
		0.81094					
M00059	V\$YY1_01	4	11334	(-)	NNNNNCCATNTWNNNWN	GTTATGATATGATTAGG	
		0.81815					
M00059	V\$YY1_01	2	11371	(-)	NNNNNCCATNTWNNNWN	AGAACTATATGGTCCTG	
		0.78473					
M00059	V\$YY1_01	1	11396	(+)	NNNNNCCATNTWNNNWN	GTTCATCATTCATAGTG	
		0.78668					
M00069	V\$YY1_02	3	11441	(-)	NNNCGGCCATCTTGNCTSNW	TATTCATAGATGGTCCCTA	
		0.87385					
M00059	V\$YY1_01	3	11443	(-)	NNNNNCCATNTWNNNWN	TTTCATAGATGGTCCCT	
		0.77686					
M00059	V\$YY1_01	8	11456	(+)	NNNNNCCATNTWNNNWN	CCCTAGCATTTAGCATA	
		0.87090					
M00059	V\$YY1_01	4	11574	(+)	NNNNNCCATNTWNNNWN	CATGACCATATAAGACT	
		0.77162					
M00059	V\$YY1_01	5	11584	(+)	NNNNNCCATNTWNNNWN	TAAGACTATTTACTAAA	
		0.85550					
M00059	V\$YY1_01	5	11702	(+)	NNNNNCCATNTWNNNWN	ACTACCCATATTTGATA	
		0.80275					
M00059	V\$YY1_01	2	11741	(-)	NNNNNCCATNTWNNNWN	AAGATAAAATGTAAATG	
		0.77260					
M00059	V\$YY1_01	8	11817	(-)	NNNNNCCATNTWNNNWN	CCCCAGATATGAAACTT	

		0.84731					
M00059	V\$YY1_01	3	11896	(-)	NNNNNCCATNTWNNNWN	GTTAGAAAATGAAAGCT	
		0.80832					
M00059	V\$YY1_01	2	11958	(+)	NNNNNCCATNTWNNNWN	AATCTTCATAGATGATA	
		0.80078					
M00059	V\$YY1_01	6	11961	(-)	NNNNNCCATNTWNNNWN	CTTCATAGATGATATAT	
		0.84534					
M00059	V\$YY1_01	7	11986	(-)	NNNNNCCATNTWNNNWN	ATTGTAAAATGAATGTG	
		0.77031					
M00059	V\$YY1_01	5	12028	(+)	NNNNNCCATNTWNNNWN	CTAGAACATATTTCTT	
		0.81487					
M00059	V\$YY1_01	5	12056	(+)	NNNNNCCATNTWNNNWN	CAACTTCATAGTATGAA	
		0.79521					
M00059	V\$YY1_01	6	12067	(-)	NNNNNCCATNTWNNNWN	TATGAAAGAGGGAAACC	
		0.79619					
M00059	V\$YY1_01	9	12086	(+)	NNNNNCCATNTWNNNWN	GCCCACCAGGTAATATT	
		0.81454					
M00059	V\$YY1_01	8	12102	(-)	NNNNNCCATNTWNNNWN	TTTGCTAAATGAATTAC	
		0.81061					
M00059	V\$YY1_01	6	12114	(-)	NNNNNCCATNTWNNNWN	ATTACATAATGATAATA	
		0.81684					
M00059	V\$YY1_01	1	12140	(-)	NNNNNCCATNTWNNNWN	GTTTAAATATGTTTGCT	
		0.85222					
M00059	V\$YY1_01	8	12430	(+)	NNNNNCCATNTWNNNWN	TATGTCCATGATTTGAT	
		0.85124					
M00059	V\$YY1_01	5	12501	(+)	NNNNNCCATNTWNNNWN	GCAAGCCATTTGGAGAT	
		0.82208					
M00059	V\$YY1_01	4	12546	(-)	NNNNNCCATNTWNNNWN	GAAACTATCTGGAGAGA	
		0.80242					
M00059	V\$YY1_01	5	12561	(-)	NNNNNCCATNTWNNNWN	GATAGTAAATGTTTCTG	
		0.78178					
M00059	V\$YY1_01	2	12603	(+)	NNNNNCCATNTWNNNWN	CCCTTCATCTGTATAG	
		0.83781					
M00059	V\$YY1_01	1	12662	(+)	NNNNNCCATNTWNNNWN	GCATTCCATTGATTAG	
		0.84436					
M00059	V\$YY1_01	4	12697	(+)	NNNNNCCATNTWNNNWN	TGATTTCATTTTAAGG	
		0.81192					
M00059	V\$YY1_01	7	12715	(+)	NNNNNCCATNTWNNNWN	GACAACCAGATACTGTG	
		0.77293					
M00059	V\$YY1_01	6	12728	(-)	NNNNNCCATNTWNNNWN	TGTGAAATATGTGCTGC	

		0.83322					
M00059	V\$YY1_01	4	12791	(+)	NNNNNCCATNTWNNNWN	TACTGTCATTTAACGAG	
		0.78047					
M00059	V\$YY1_01	2	12911	(+)	NNNNNCCATNTWNNNWN	GCAAAGCATTTCAAAAA	
		0.81520					
M00059	V\$YY1_01	3	13143	(-)	NNNNNCCATNTWNNNWN	GTTGTTGACTGGTGTG	
		0.82503					
M00059	V\$YY1_01	3	13236	(+)	NNNNNCCATNTWNNNWN	TATGGCCATCCCTGAAT	
		0.84600					
M00059	V\$YY1_01	3	13243	(-)	NNNNNCCATNTWNNNWN	ATCCCTGAATGAAGAGA	
		0.78833					
M00059	V\$YY1_01	6	13436	(-)	NNNNNCCATNTWNNNWN	AAATTAATATGAATCTA	
		0.85255					
M00059	V\$YY1_01	6	13507	(+)	NNNNNCCATNTWNNNWN	TGTCTTCAGTTTTAAAG	
M00059	V\$YY1_01	0.79882	13551	(+)	NNNNNCCATNTWNNNWN	TTGGTCCATTGATGGTT	
		0.78374					
M00059	V\$YY1_01	8	13569	(+)	NNNNNCCATNTWNNNWN	AACTTACATATAGTATG	
		0.77326					
M00059	V\$YY1_01	3	13611	(-)	NNNNNCCATNTWNNNWN	AGAAGACCATGGAGTTT	
		0.75705					
M00069	V\$YY1_02	1	13611	(+)	NNNCGGCCATCTGNCTSNW	AGAAGACCATGGAGTTTTAT	
		0.80602					
M00059	V\$YY1_01	9	13612	(+)	NNNNNCCATNTWNNNWN	GAAGACCATGGAGTTTT	
		0.81323					
M00059	V\$YY1_01	7	13627	(-)	NNNNNCCATNTWNNNWN	TTATAAATATGAATCTG	
		0.79521					
M00059	V\$YY1_01	6	13694	(+)	NNNNNCCATNTWNNNWN	GATAATCATTCCCTTAAT	
		0.80996					
M00059	V\$YY1_01	1	13830	(+)	NNNNNCCATNTWNNNWN	CCTTTCCATGTAATTTT	
		0.79095					
M00059	V\$YY1_01	7	13847	(-)	NNNNNCCATNTWNNNWN	TTAAAAAGAGGGTAATC	
		0.79619					
M00059	V\$YY1_01	9	14038	(+)	NNNNNCCATNTWNNNWN	AGATATCATATTTATTA	
		0.82732					
M00059	V\$YY1_01	6	14110	(+)	NNNNNCCATNTWNNNWN	TAATTCATCAAAGAAC	
M00059	V\$YY1_01	0.79882	14120	(+)	NNNNNCCATNTWNNNWN	AAAGAACATATATTTTC	
		0.78964					
M00059	V\$YY1_01	6	14153	(+)	NNNNNCCATNTWNNNWN	GAATTACATTAATGCAC	
		0.79587					
M00059	V\$YY1_01	2	14181	(+)	NNNNNCCATNTWNNNWN	AAAGGCCATGATAGATT	

		0.82437					
M00059	V\$YY1_01	7	14228	(-)	NNNNNCCATNTWNNNWN	AAGAAATAATGGTTTTG	
		0.79619					
M00059	V\$YY1_01	9	14309	(+)	NNNNNCCATNTWNNNWN	TCTGGCATTCTGAAA	
		0.80176					
M00059	V\$YY1_01	9	14322	(+)	NNNNNCCATNTWNNNWN	GAAATCCCTGTATTATT	
		0.85714					
M00059	V\$YY1_01	3	14406	(-)	NNNNNCCATNTWNNNWN	AGGCAAAAATGACCTTC	
		0.81520					
M00059	V\$YY1_01	3	14493	(-)	NNNNNCCATNTWNNNWN	TTTGATAGCTGGACCTG	
		0.79456					
M00059	V\$YY1_01	1	14533	(-)	NNNNNCCATNTWNNNWN	GTTCAATACTGGCTATT	
		0.84370					
M00059	V\$YY1_01	9	14690	(+)	NNNNNCCATNTWNNNWN	AATAGCCATGTCTGAAA	
M00059	V\$YY1_01	0.79325	14715	(+)	NNNNNCCATNTWNNNWN	ATGATTCATTTTCAGAG	
		0.81618					
M00059	V\$YY1_01	6	14732	(-)	NNNNNCCATNTWNNNWN	ATTCAAACTGATTCT	
		0.85517					
M00059	V\$YY1_01	7	14761	(-)	NNNNNCCATNTWNNNWN	CTTTTCAATGGTCTTT	
		0.76704					
M00069	V\$YY1_02	7	14797	(+)	NNNCGGCCATCTGNCTSNW	ATTCTACCAGCTGGACGCCT	
		0.79030					
M00059	V\$YY1_01	1	14814	(+)	NNNNNCCATNTWNNNWN	CCTATCCATCTGGTGCC	
		0.78964					
M00059	V\$YY1_01	6	14868	(+)	NNNNNCCATNTWNNNWN	CCCCCTCATTCTCTGAC	
M00059	V\$YY1_01	0.78637	14942	(+)	NNNNNCCATNTWNNNWN	TAAGTTCATTAAATGA	
		0.79357					
M00059	V\$YY1_01	8	14956	(+)	NNNNNCCATNTWNNNWN	TGACTGCATATTGCTGC	
		0.80242					
M00059	V\$YY1_01	5	15061	(-)	NNNNNCCATNTWNNNWN	TTTCTGAAATGGAAAAT	
		0.77457					
M00059	V\$YY1_01	4	15090	(-)	NNNNNCCATNTWNNNWN	TCTGATATATGGCTAAT	
		0.82142					
M00059	V\$YY1_01	9	15239	(-)	NNNNNCCATNTWNNNWN	ATCTTTAAATGCCTTTC	
		0.81028					
M00059	V\$YY1_01	8	15301	(+)	NNNNNCCATNTWNNNWN	AAACTGCAGATTTTGAC	
		0.77162					
M00059	V\$YY1_01	5	15371	(-)	NNNNNCCATNTWNNNWN	ATAATATAATGATGTTT	
M00059	V\$YY1_01	0.85059	15450	(+)	NNNNNCCATNTWNNNWN	AGTGCTCATTTTTGAT	

		0.79062					
M00059	V\$YY1_01	9	15552	(-)	NNNNNCCATNTWNNNWN	CCACAATTATGGTCTTT	
M00059	V\$YY1_01	0.79194	15599	(-)	NNNNNCCATNTWNNNWN	CTTTTCATATGAATACA	
		0.79587					
M00059	V\$YY1_01	2	15713	(+)	NNNNNCCATNTWNNNWN	CTTCAACATTTTTTGTA	
		0.78047					
M00059	V\$YY1_01	2	15830	(-)	NNNNNCCATNTWNNNWN	TACTAATTCTGGTGACC	
		0.79062					
M00059	V\$YY1_01	9	15948	(+)	NNNNNCCATNTWNNNWN	AATGTCCATAGATGTGT	
		0.79914					
M00059	V\$YY1_01	8	15951	(-)	NNNNNCCATNTWNNNWN	GTCCATAGATGTGTTTT	
		0.83453					
M00059	V\$YY1_01	5	16111	(+)	NNNNNCCATNTWNNNWN	TTTGGCCATATTTTCTG	
		0.87975					
M00059	V\$YY1_01	1	16230	(+)	NNNNNCCATNTWNNNWN	GAACTTCATCTTAAGAT	
		0.86304					
M00059	V\$YY1_01	1	16237	(-)	NNNNNCCATNTWNNNWN	ATCTTAAGATGAAGAGA	
		0.82241					
M00059	V\$YY1_01	2	16248	(-)	NNNNNCCATNTWNNNWN	AAGAGAAAATGACTATT	
		0.82568					
M00059	V\$YY1_01	8	16313	(+)	NNNNNCCATNTWNNNWN	TAACTACATATTTCTTT	
		0.80733					
M00059	V\$YY1_01	9	16334	(-)	NNNNNCCATNTWNNNWN	ATTACAGATGGGATTG	
		0.77195					
M00059	V\$YY1_01	3	16352	(+)	NNNNNCCATNTWNNNWN	AAATTCCATGCTCTACA	
		0.77064					
M00059	V\$YY1_01	2	16361	(+)	NNNNNCCATNTWNNNWN	GCTCTACATGCTTTTC	
		0.83289					
M00059	V\$YY1_01	6	16371	(+)	NNNNNCCATNTWNNNWN	TCTTTTCATCTATCATG	
		0.78178					
M00059	V\$YY1_01	2	16388	(+)	NNNNNCCATNTWNNNWN	TCAAACCATTCTATCCA	
		0.83748					
M00059	V\$YY1_01	4	16597	(-)	NNNNNCCATNTWNNNWN	ATTCTATATGGAAAAT	
		0.82241					
M00059	V\$YY1_01	2	16604	(-)	NNNNNCCATNTWNNNWN	TATGGAAAATGTTTTTA	
		0.78561					
M00069	V\$YY1_02	2	16644	(+)	NNNCGGCCATCTTGNCTSNW	TAAGTGCCATCATTTCAAAT	
		0.79292					
M00059	V\$YY1_01	3	16648	(+)	NNNNNCCATNTWNNNWN	TGCCATCATTTCAAATA	
M00059	V\$YY1_01		16707	(+)	NNNNNCCATNTWNNNWN	AAATTACATTTTAAGGC	
		0.79128					

CSN1S2 *Ovis Aries*

M0021		0.7795				
6	V\$TATA_C	09	120	(+)	NCTATAAAAR	TTTTTTAAAG
M0025		0.7782				
2	V\$TATA_01	29	120	(+)	STATAAAWRNNNNNN	TTTTTTAAAGAACT
M0021		0.7681				
6	V\$TATA_C	54	121	(+)	NCTATAAAAR	TTTTTAAAGA
M0021		0.7890				
6	V\$TATA_C	15	146	(+)	NCTATAAAAR	ACCTTAAGAT
M0021		0.7441				
6	V\$TATA_C	25	177	(+)	NCTATAAAAR	GCTAACAAAG
M0021		0.8626				
6	V\$TATA_C	88	213	(+)	NCTATAAAAR	TTCTTAAAAA
M0021		0.8410				
6	V\$TATA_C	35	214	(+)	NCTATAAAAR	TCTTAAAAAA
M0021		0.7932				
6	V\$TATA_C	4	215	(+)	NCTATAAAAR	CTTAAAAAAA
M0025		0.7751				
2	V\$TATA_01	84	282	(+)	STATAAAWRNNNNNN	GTTTAAAGGATGAGC
M0021		0.7681				
6	V\$TATA_C	54	311	(+)	NCTATAAAAR	TTTTTGAAAA
M0021		0.7507				
6	V\$TATA_C	26	312	(+)	NCTATAAAAR	TTTTGAAAAT
M0025		0.7777				
2	V\$TATA_01	21	312	(+)	STATAAAWRNNNNNN	TTTTGAAAATCCAGG
M0021		0.7531				
6	V\$TATA_C	03	505	(+)	NCTATAAAAR	AAGATAAAAA
M0025						
2	V\$TATA_01	0.8102	506	(+)	STATAAAWRNNNNNN	AGATAAAAAACATTTA
M0025		0.7769				
2	V\$TATA_01	6	518	(+)	STATAAAWRNNNNNN	TTATTTAACTCTCAG
M0021		0.7686				
6	V\$TATA_C	82	571	(+)	NCTATAAAAR	AAAATAAAAAT
M0025		0.7774				
2	V\$TATA_01	68	607	(+)	STATAAAWRNNNNNN	CTATACATAATGAAC
M0021		0.7491				
6	V\$TATA_C	42	637	(+)	NCTATAAAAR	AACTTATAAA
M0021		0.8978				
6	V\$TATA_C	08	639	(+)	NCTATAAAAR	CTTATAAAAAT
M0025		0.8200				
2	V\$TATA_01	96	640	(+)	STATAAAWRNNNNNN	TTATAAAATTTAATA
M0025		0.8629				
2	V\$TATA_01	79	652	(+)	STATAAAWRNNNNNN	ATATATATATCATCT
M0025		0.8038				
2	V\$TATA_01	57	654	(+)	STATAAAWRNNNNNN	ATATATATCATCTTA
M0021		0.8566				
6	V\$TATA_C	15	668	(+)	NCTATAAAAR	ATTTTAAAC
M0025		0.7764				
2	V\$TATA_01	53	668	(+)	STATAAAWRNNNNNN	ATTTTAAACATTGT
M0021		0.7692				
6	V\$TATA_C	1	684	(+)	NCTATAAAAR	ATTATGAAAT
M0021		0.8365				
6	V\$TATA_C	46	693	(+)	NCTATAAAAR	TGCTTATAAA
M0025		0.8066				
2	V\$TATA_01	48	694	(+)	STATAAAWRNNNNNN	GCTTATAAAGTGAAT
M0021		0.7758				
6	V\$TATA_C	12	695	(+)	NCTATAAAAR	CTTATAAAGT
M0025		0.8134				
2	V\$TATA_01	99	696	(+)	STATAAAWRNNNNNN	TTATAAAGTGAATGT
M0021		0.9994				
6	V\$TATA_C	72	723	(+)	NCTATAAAAR	CCTATAAAAG
M0025		0.9441				
2	V\$TATA_01	77	724	(+)	STATAAAWRNNNNNN	CTATAAAAGGAAACA

M0021		0.7449				
6	V\$TATA_C	17	798	(+)	NCTATAAAAR	ATCTTAAGAG
M0021		0.7752				
6	V\$TATA_C	84	883	(+)	NCTATAAAAR	CAAATAAAAT
M0025		0.7741				
2	V\$TATA_01	69	884	(+)	STATAAAWRNNNNNN	AAATAAAATCTTGCC
M0021		0.7628				
6	V\$TATA_C	73	896	(+)	NCTATAAAAR	GCCATTTAAA
M0021		0.7599				
6	V\$TATA_C	68	897	(+)	NCTATAAAAR	CCATTTAAAA
M0025		0.7751				
2	V\$TATA_01	84	897	(+)	STATAAAWRNNNNNN	CCATTTAAAAATAAT
M0021		0.8476				
6	V\$TATA_C	37	898	(+)	NCTATAAAAR	CATTTAAAAA
M0021		0.7435				
6	V\$TATA_C	97	899	(+)	NCTATAAAAR	ATTTAAAAAT
M0025		0.8228				
2	V\$TATA_01	88	899	(+)	STATAAAWRNNNNNN	ATTTAAAAATAATTG
M0025		0.7703				
2	V\$TATA_01	63	1075	(+)	STATAAAWRNNNNNN	TTATATGTCAAAAAG
M0021		0.8159				
6	V\$TATA_C	49	1223	(+)	NCTATAAAAR	TGCATGAAAAG
M0025		0.7784				
2	V\$TATA_01	83	1224	(+)	STATAAAWRNNNNNN	GCATGAAAGTGAAAA
M0021		0.7628				
6	V\$TATA_C	73	1233	(+)	NCTATAAAAR	TGAAAAAAAG
M0021		0.7528				
6	V\$TATA_C	39	1358	(+)	NCTATAAAAR	TCTGCAAAAA
M0021		0.8159				
6	V\$TATA_C	49	1360	(+)	NCTATAAAAR	TGCAAAAAAG
M0021		0.7974				
6	V\$TATA_C	65	1368	(+)	NCTATAAAAR	AGCATTAAAA
M0021		0.8531				
6	V\$TATA_C	82	1369	(+)	NCTATAAAAR	GCATTAAAAAT
M0025		0.7934				
2	V\$TATA_01	53	1369	(+)	STATAAAWRNNNNNN	GCATTAAAAATAACTT
M0021		0.7570				
6	V\$TATA_C	64	1413	(+)	NCTATAAAAR	ACTGGAAAAAG
M0025		0.7863				
2	V\$TATA_01	49	1429	(+)	STATAAAWRNNNNNN	CGATATGTAGTCAGC
M0025		0.8013				
2	V\$TATA_01	19	1457	(+)	STATAAAWRNNNNNN	TTATATGTGGTCATA
M0021		0.7818				
6	V\$TATA_C	85	1504	(+)	NCTATAAAAR	AGTTAAAAAT
M0025		0.7706				
2	V\$TATA_01	17	1504	(+)	STATAAAWRNNNNNN	AGTTAAAAATCTCGT
M0021		0.8819				
6	V\$TATA_C	65	1628	(+)	NCTATAAAAR	CCCTTATAAG
M0025		0.8327				
2	V\$TATA_01	84	1629	(+)	STATAAAWRNNNNNN	CCTTATAAGGGAGGC
M0025		0.7921				
2	V\$TATA_01	85	1631	(+)	STATAAAWRNNNNNN	TTATAAGGGAGGCAG
M0021		0.8830				
6	V\$TATA_C	21	1668	(+)	NCTATAAAAR	ATTTTAAAAA
M0021		0.7795				
6	V\$TATA_C	09	1669	(+)	NCTATAAAAR	TTTTAAAAAG
M0025		0.8119				
2	V\$TATA_01	77	1669	(+)	STATAAAWRNNNNNN	TTTTAAAAAGATTTC
M0025		0.7802				
2	V\$TATA_01	59	1719	(+)	STATAAAWRNNNNNN	ATTTAAGAAGAATTG
M0021		0.7948				
6	V\$TATA_C	24	1730	(+)	NCTATAAAAR	ATTGTAAAAA
M0021		0.8320				
6	V\$TATA_C	57	1732	(+)	NCTATAAAAR	TGTAAAAAAA
M0025		0.8107				
2	V\$TATA_01	08	1733	(+)	STATAAAWRNNNNNN	GTAAAAAAAATATG

M0021		0.8249				
6	V\$TATA_C	27	1756	(+)	NCTATAAAAR	AGTATAAACA
M0025		0.8236				
2	V\$TATA_01	49	1757	(+)	STATAAAWRNNNNNN	GTATAAACATCACTA
M0025		0.7883				
2	V\$TATA_01	79	1829	(+)	STATAAAWRNNNNNN	GAATAAGTGGGTAAA
M0025		0.7751				
2	V\$TATA_01	84	1849	(+)	STATAAAWRNNNNNN	AAATAAATTAGCCAT
M0025		0.8226				
2	V\$TATA_01	34	1860	(+)	STATAAAWRNNNNNN	CCATTTATACATAGG
M0025		0.7761				
2	V\$TATA_01	99	1864	(+)	STATAAAWRNNNNNN	TTATACATAGGGTCA
M0025		0.7820				
2	V\$TATA_01	35	1866	(+)	STATAAAWRNNNNNN	ATACATAGGGTCAGT
M0025		0.7797				
2	V\$TATA_01	51	1917	(+)	STATAAAWRNNNNNN	CTATTTAGAACTAA
M0025		0.7833				
2	V\$TATA_01	04	1999	(+)	STATAAAWRNNNNNN	GTATTCAAATCCATG
M0021		0.7414				
6	V\$TATA_C	84	2014	(+)	NCTATAAAAR	CGTTTATCAA
M0021		0.7948				
6	V\$TATA_C	24	2107	(+)	NCTATAAAAR	TGATTATAAG
M0025		0.8223				
2	V\$TATA_01	8	2108	(+)	STATAAAWRNNNNNN	GATTATAAGGAGAGT
M0025		0.7746				
2	V\$TATA_01	76	2110	(+)	STATAAAWRNNNNNN	TTATAAGGAGAGTAA
M0025						
2	V\$TATA_01	0.7729	2130	(+)	STATAAAWRNNNNNN	TTATTAATTAGCTTC
M0021		0.7443				
6	V\$TATA_C	89	2218	(+)	NCTATAAAAR	AGCATGTAAG
M0021		0.8249				
6	V\$TATA_C	27	2226	(+)	NCTATAAAAR	AGTATAATAA
M0025		0.8497				
2	V\$TATA_01	84	2227	(+)	STATAAAWRNNNNNN	GTATAATAAGATACA
M0025		0.7703				
2	V\$TATA_01	63	2254	(+)	STATAAAWRNNNNNN	TTATGTAAATATAAG
M0025		0.7924				
2	V\$TATA_01	38	2258	(+)	STATAAAWRNNNNNN	GTAAATATAAGAATA
M0021		0.7401				
6	V\$TATA_C	64	2259	(+)	NCTATAAAAR	TAAATATAAG
M0025		0.7959				
2	V\$TATA_01	91	2260	(+)	STATAAAWRNNNNNN	AAATATAAGAAATT
M0021		0.7446				
6	V\$TATA_C	53	2261	(+)	NCTATAAAAR	AATATAAGAA
M0025		0.7840				
2	V\$TATA_01	65	2262	(+)	STATAAAWRNNNNNN	ATATAAGAATATTAA
M0025		0.7731				
2	V\$TATA_01	54	2270	(+)	STATAAAWRNNNNNN	ATATTAAATTGTTTA
M0021		0.7533				
6	V\$TATA_C	67	2279	(+)	NCTATAAAAR	TGTTTATGAG
M0025		0.7929				
2	V\$TATA_01	46	2280	(+)	STATAAAWRNNNNNN	GTTTATGAGGATAAT
M0021		0.7686				
6	V\$TATA_C	82	2326	(+)	NCTATAAAAR	AGTGTATAAA
M0021		0.8146				
6	V\$TATA_C	29	2328	(+)	NCTATAAAAR	TGTATAAATT
M0025		0.8604				
2	V\$TATA_01	42	2329	(+)	STATAAAWRNNNNNN	GTATAAATTTTGAAA
M0021		0.7441				
6	V\$TATA_C	25	2344	(+)	NCTATAAAAR	CCTATAATCA
M0021		0.7401				
6	V\$TATA_C	64	2373	(+)	NCTATAAAAR	CTTATGTAAG
M0025		0.7736				
2	V\$TATA_01	62	2383	(+)	STATAAAWRNNNNNN	TTATGAAGATGGACA
M0021		0.8106				
6	V\$TATA_C	68	2453	(+)	NCTATAAAAR	AGTAAAAAAG

M0025		0.7886				
2	V\$TATA_01	32	2453	(+)	STATAAAWRNNNNNNN	AGTAAAAAGCGTAC
M0025		0.7779				
2	V\$TATA_01	75	2454	(+)	STATAAAWRNNNNNNN	GTAAAAAGCGTACA
M0021		0.8391				
6	V\$TATA_C	87	2475	(+)	NCTATAAAAR	TCCATAAACA
M0021		0.8740				
6	V\$TATA_C	43	2525	(+)	NCTATAAAAR	TTCTTAAAG
M0021		0.8320				
6	V\$TATA_C	57	2548	(+)	NCTATAAAAR	ACCATAACAA
M0025		0.7772				
2	V\$TATA_01	14	2549	(+)	STATAAAWRNNNNNNN	CCATAACAAGGACTT
M0021		0.8523				
6	V\$TATA_C	9	2563	(+)	NCTATAAAAR	TCTTTTAAAG
M0021		0.7501				
6	V\$TATA_C	98	2564	(+)	NCTATAAAAR	CTTTTAAAGT
M0025		0.8142				
2	V\$TATA_01	6	2564	(+)	STATAAAWRNNNNNNN	CTTTTAAAGTTCAGG
M0021		0.8135				
6	V\$TATA_C	73	2850	(+)	NCTATAAAAR	TCCTTAAACA
M0021		0.8339				
6	V\$TATA_C	05	2930	(+)	NCTATAAAAR	ACTTTGAAAA
M0021		0.7501				
6	V\$TATA_C	98	2931	(+)	NCTATAAAAR	CTTTGAAAAT
M0025		0.8008				
2	V\$TATA_01	12	3034	(+)	STATAAAWRNNNNNNN	TGATAAGAAGGACT
M0020		0.8369				
3	V\$GATA_C	06	14	(-)	NGATAAGNMNN	ACTACTTGCTCT
M0012		0.8503				
7	V\$GATA1_03	18	15	(-)	RNSNNGATAANNNGN	CTACTTGCTTCCT
M0020		0.9164				
3	V\$GATA_C	34	50	(-)	NGATAAGNMNN	TTCATTTATCT
M0012		0.8462				
6	V\$GATA1_02	5	51	(-)	NNNNNGATANKGNN	TCATTTATCTTTTT
M0012		0.8770				
7	V\$GATA1_03	21	51	(-)	RNSNNGATAANNNGN	TCATTTATCTTTTT
M0012		0.9065				
8	V\$GATA1_04	56	51	(-)	NNCWGATARNNNN	TCATTTATCTTTTT
M0007		0.8069				
6	V\$GATA2_01	46	53	(-)	NNNGATRNNN	ATTTATCTTT
M0007		0.8466				
7	V\$GATA3_01	99	53	(-)	NNGATARNG	ATTTATCTT
M0012		0.8168				
6	V\$GATA1_02	75	132	(-)	NNNNNGATANKGNN	ACTAATATCAGTGT
M0012		0.7981				
7	V\$GATA1_03	38	132	(-)	RNSNNGATAANNNGN	ACTAATATCAGTGT
M0007		0.8168				
5	V\$GATA1_01	81	134	(-)	SNNGATNNNN	TAATATCAGT
M0007		0.8290				
6	V\$GATA2_01	48	134	(-)	NNNGATRNNN	TAATATCAGT
M0007		0.8373				
7	V\$GATA3_01	95	134	(-)	NNGATARNG	TAATATCAG
M0007		0.8168				
5	V\$GATA1_01	81	150	(+)	SNNGATNNNN	TAAGATTCTT
M0007		0.8412				
6	V\$GATA2_01	27	150	(+)	NNNGATRNNN	TAAGATTCTT
M0012		0.8379				
8	V\$GATA1_04	29	169	(+)	NNCWGATARNNNN	GTTTGATAGCTAA
M0007		0.8509				
5	V\$GATA1_01	38	170	(+)	SNNGATNNNN	TTTGATAGCT
M0007		0.8570				
6	V\$GATA2_01	14	170	(+)	NNNGATRNNN	TTTGATAGCT
M0007		0.8311				
7	V\$GATA3_01	92	171	(+)	NNGATARNG	TTGATAGCT
M0020		0.8381				
3	V\$GATA_C	48	172	(+)	NGATAAGNMNN	TGATAGCTAAC

M0007		0.7892				
5	V\$GATA1_01	4	189	(+)	SNNGATNNNN	ACTGATTTAT
M0020		0.9167				
3	V\$GATA_C	44	190	(-)	NGATAAGNMNN	CTGATTTATCT
M0012						
6	V\$GATA1_02	0.7975	191	(-)	NNNNNGATANKGNN	TGATTTATCTCCTT
M0012		0.8645				
7	V\$GATA1_03	27	191	(-)	RNSNNGATAANNNGN	TGATTTATCTCCTT
M0012		0.8998				
8	V\$GATA1_04	16	191	(-)	NNCWGATARNNNN	TGATTTATCTCCT
M0007		0.8464				
5	V\$GATA1_01	96	193	(-)	SNNGATNNNN	ATTTATCTCC
M0007		0.8619				
6	V\$GATA2_01	76	193	(-)	NNNGATRNNN	ATTTATCTCC
M0007		0.8639				
7	V\$GATA3_01	79	193	(-)	NNGATARNG	ATTTATCTC
M0012		0.8170				
7	V\$GATA1_03	01	245	(-)	RNSNNGATAANNNGN	ATTGTTATACTGCT
M0020		0.8794				
3	V\$GATA_C	66	254	(-)	NGATAAGNMNN	CTGCTCTATCT
M0012		0.8403				
6	V\$GATA1_02	13	255	(-)	NNNNNGATANKGNN	TGCTCTATCTTATG
M0012		0.9142				
8	V\$GATA1_04	16	255	(-)	NNCWGATARNNNN	TGCTCTATCTTAT
M0007		0.8381				
5	V\$GATA1_01	05	257	(-)	SNNGATNNNN	CTCTATCTTA
M0007		0.9039				
6	V\$GATA2_01	24	257	(-)	NNNGATRNNN	CTCTATCTTA
M0007		0.9419				
7	V\$GATA3_01	58	257	(-)	NNGATARNG	CTCTATCTT
M0007		0.7857				
5	V\$GATA1_01	85	287	(+)	SNNGATNNNN	AAGGATGAGC
M0007		0.8358				
6	V\$GATA2_01	14	287	(+)	NNNGATRNNN	AAGGATGAGC
M0007		0.7956				
5	V\$GATA1_01	56	295	(-)	SNNGATNNNN	GCTAATCATA
M0007		0.8064				
6	V\$GATA2_01	95	295	(-)	NNNGATRNNN	GCTAATCATA
M0007		0.8303				
7	V\$GATA3_01	06	295	(-)	NNGATARNG	GCTAATCAT
M0007		0.8010				
5	V\$GATA1_01	86	316	(-)	SNNGATNNNN	GAAAATCCAG
M0007		0.8020				
5	V\$GATA1_01	73	353	(-)	SNNGATNNNN	CTGGATCACT
M0012		0.8032				
7	V\$GATA1_03	83	357	(-)	RNSNNGATAANNNGN	ATCACTTTCTTCAT
M0007		0.7852				
5	V\$GATA1_01	91	365	(-)	SNNGATNNNN	CTTCATCTGT
M0007		0.7997				
6	V\$GATA2_01	29	365	(-)	NNNGATRNNN	CTTCATCTGT
M0007		0.8542				
7	V\$GATA3_01	31	365	(-)	NNGATARNG	CTTCATCTG
M0007		0.8258				
6	V\$GATA2_01	91	428	(+)	NNNGATRNNN	CAACATACCT
M0007		0.9131				
5	V\$GATA1_01	29	457	(+)	SNNGATNNNN	GCGGATGCTT
M0007		0.9142				
6	V\$GATA2_01	99	457	(+)	NNNGATRNNN	GCGGATGCTT
M0012		0.7814				
7	V\$GATA1_03	8	474	(-)	RNSNNGATAANNNGN	ACAACTATTTCTAT
M0020		0.8735				
3	V\$GATA_C	63	492	(-)	NGATAAGNMNN	CTCATTTATCA
M0012						
6	V\$GATA1_02	0.8425	493	(-)	NNNNNGATANKGNN	TCATTTATCAACAA
M0012		0.8003				
7	V\$GATA1_03	43	493	(-)	RNSNNGATAANNNGN	TCATTTATCAACAA

M0012		0.8550				
8	V\$GATA1_04	86	493	(-)	NNCWGATARNNNN	TCATTTATCAACA
M0007		0.8025				
5	V\$GATA1_01	67	495	(-)	SNNGATNNNN	ATTTATCAAC
M0012		0.7918				
6	V\$GATA1_02	75	502	(+)	NNNNNGATANKGNN	AACAAGATAAAAAAC
M0012		0.8983				
7	V\$GATA1_03	34	502	(+)	RNSNNGATAANNNGN	AACAAGATAAAAAAC
M0012		0.9267				
8	V\$GATA1_04	77	503	(+)	NNCWGATARNNNN	ACAAGATAAAAAAC
M0007		0.7867				
5	V\$GATA1_01	72	504	(+)	SNNGATNNNN	CAAGATAAAAA
M0007		0.8186				
6	V\$GATA2_01	74	504	(+)	NNNGATRNNN	CAAGATAAAAA
M0007						
7	V\$GATA3_01	0.8786	505	(+)	NNGATARNG	AAGATAAAAA
M0020		0.9558				
3	V\$GATA_C	87	506	(+)	NGATAAGNMNN	AGATAAAAAACA
M0020		0.8465				
3	V\$GATA_C	36	535	(-)	NGATAAGNMNN	AATATTTGTCC
M0012		0.7728				
6	V\$GATA1_02	13	575	(-)	NNNNNGATANKGNN	TAAAATATCTTAAG
M0007		0.8193				
5	V\$GATA1_01	48	577	(-)	SNNGATNNNN	AAATATCTTA
M0007		0.8944				
6	V\$GATA2_01	52	577	(-)	NNNGATRNNN	AAATATCTTA
M0007		0.8347				
7	V\$GATA3_01	36	577	(-)	NNGATARNG	AAATATCTT
M0020		0.8570				
3	V\$GATA_C	98	653	(-)	NGATAAGNMNN	TATATATATCA
M0012		0.8578				
8	V\$GATA1_04	43	654	(-)	NNCWGATARNNNN	ATATATATCATCT
M0007		0.8568				
5	V\$GATA1_01	61	656	(-)	SNNGATNNNN	ATATATCATC
M0007		0.8574				
6	V\$GATA2_01	65	656	(-)	NNNGATRNNN	ATATATCATC
M0007		0.8213				
6	V\$GATA2_01	8	659	(-)	NNNGATRNNN	TATCATCTTA
M0007		0.8449				
7	V\$GATA3_01	27	659	(-)	NNGATARNG	TATCATCTT
M0012		0.7831				
7	V\$GATA1_03	95	692	(+)	RNSNNGATAANNNGN	ATGCTTATAAAGTG
M0020		0.8881				
3	V\$GATA_C	64	714	(-)	NGATAAGNMNN	GTGCATTATCC
M0012						
6	V\$GATA1_02	0.8175	715	(-)	NNNNNGATANKGNN	TGCATTATCCTATA
M0012		0.8357				
8	V\$GATA1_04	84	715	(-)	NNCWGATARNNNN	TGCATTATCCTAT
M0007		0.8079				
5	V\$GATA1_01	96	717	(-)	SNNGATNNNN	CATTATCCTA
M0007		0.9070				
6	V\$GATA2_01	82	717	(-)	NNNGATRNNN	CATTATCCTA
M0007		0.8883				
7	V\$GATA3_01	47	717	(-)	NNGATARNG	CATTATCCT
M0012		0.8046				
6	V\$GATA1_02	88	738	(-)	NNNNNGATANKGNN	AAGAATATCTGGGA
M0007		0.8859				
5	V\$GATA1_01	82	740	(-)	SNNGATNNNN	GAATATCTGG
M0007		0.9079				
6	V\$GATA2_01	84	740	(-)	NNNGATRNNN	GAATATCTGG
M0007		0.8289				
7	V\$GATA3_01	77	740	(-)	NNGATARNG	GAATATCTG
M0007		0.8410				
5	V\$GATA1_01	66	747	(+)	SNNGATNNNN	TGGGATTCTT
M0007		0.8637				
6	V\$GATA2_01	8	747	(+)	NNNGATRNNN	TGGGATTCTT

M0012		0.8259				
6	V\$GATA1_02	37	762	(+)	NNNNNGATANKGNN	GAAATGATAAATTA
M0012		0.8052				
7	V\$GATA1_03	43	762	(+)	RNSNNGATAANNGN	GAAATGATAAATTA
M0012		0.8584				
8	V\$GATA1_04	56	763	(+)	NNCWGATARNNNN	AAATGATAAATTA
M0007		0.7739				
5	V\$GATA1_01	39	764	(+)	SNNGATNNNN	AATGATAAAT
M0007		0.7956				
6	V\$GATA2_01	7	764	(+)	NNNGATRNNN	AATGATAAAT
M0007		0.8232				
7	V\$GATA3_01	17	765	(+)	NNGATARNG	ATGATAAAT
M0020		0.8934				
3	V\$GATA_C	45	766	(+)	NGATAAGNMNN	TGATAAATTA
M0007		0.7884				
6	V\$GATA2_01	53	788	(-)	NNNGATRNNN	GGCAATGCTA
M0007		0.7749				
5	V\$GATA1_01	26	794	(-)	SNNGATNNNN	GCTAATCTTA
M0007		0.8177				
6	V\$GATA2_01	72	794	(-)	NNNGATRNNN	GCTAATCTTA
M0007		0.8537				
7	V\$GATA3_01	88	794	(-)	NNGATARNG	GCTAATCTT
M0012		0.7910				
7	V\$GATA1_03	34	849	(+)	RNSNNGATAANNGN	GCAAAGATCACCAG
M0007		0.8736				
5	V\$GATA1_01	43	851	(-)	SNNGATNNNN	AAAGATCACC
M0007		0.7979				
6	V\$GATA2_01	25	851	(+)	NNNGATRNNN	AAAGATCACC
M0007		0.8412				
6	V\$GATA2_01	27	851	(-)	NNNGATRNNN	AAAGATCACC
M0007		0.8208				
5	V\$GATA1_01	29	887	(-)	SNNGATNNNN	TAAAATCTTG
M0007		0.8092				
6	V\$GATA2_01	02	887	(-)	NNNGATRNNN	TAAAATCTTG
M0007		0.8329				
7	V\$GATA3_01	64	887	(-)	NNGATARNG	TAAAATCTT
M0012		0.7915				
7	V\$GATA1_03	24	1002	(-)	RNSNNGATAANNGN	CAGCCTACCAGGCT
M0007		0.7892				
5	V\$GATA1_01	4	1017	(-)	SNNGATNNNN	CTCCATCCAT
M0007		0.7773				
5	V\$GATA1_01	94	1026	(+)	SNNGATNNNN	TGGGATCTTC
M0007		0.8099				
5	V\$GATA1_01	7	1026	(-)	SNNGATNNNN	TGGGATCTTC
M0007		0.8488				
6	V\$GATA2_01	95	1026	(+)	NNNGATRNNN	TGGGATCTTC
M0007		0.8448				
6	V\$GATA2_01	35	1026	(-)	NNNGATRNNN	TGGGATCTTC
M0007						
5	V\$GATA1_01	0.7769	1095	(+)	SNNGATNNNN	GCTGCTGCTG
M0007		0.8262				
5	V\$GATA1_01	59	1172	(+)	SNNGATNNNN	TGGGATTCTC
M0007		0.8601				
6	V\$GATA2_01	71	1172	(+)	NNNGATRNNN	TGGGATTCTC
M0012		0.7841				
7	V\$GATA1_03	74	1179	(+)	RNSNNGATAANNGN	CTCCAGACAAGAAT
M0012		0.8186				
8	V\$GATA1_04	27	1180	(+)	NNCWGATARNNNN	TCCAGACAAGAAT
M0020		0.8794				
3	V\$GATA_C	66	1183	(+)	NGATAAGNMNN	AGACAAGAATA
M0007		0.7862				
5	V\$GATA1_01	78	1225	(+)	SNNGATNNNN	CATGAAAGTG
M0012		0.7915				
7	V\$GATA1_03	24	1288	(-)	RNSNNGATAANNGN	CAGCCTACCAGGCT
M0007		0.7892				
5	V\$GATA1_01	4	1303	(-)	SNNGATNNNN	CTCCATCCAT

M0007		0.8050				
5	V\$GATA1_01	35	1312	(+)	SNNGATNNNN	TGGGATTTTC
M0007		0.8488				
6	V\$GATA2_01	95	1312	(+)	NNNGATRNNN	TGGGATTTTC
M0020		0.8381				
3	V\$GATA_C	48	1350	(-)	NGATAAGNMNN	TTGCCTTCTCT
M0012		0.7834				
6	V\$GATA1_02	38	1351	(-)	NNNNNGATANKGNN	TGCCTTCTCTGCAA
M0012		0.8174				
8	V\$GATA1_04	02	1351	(-)	NNCWGATARNNNN	TGCCTTCTCTGCA
M0007		0.8245				
7	V\$GATA3_01	46	1353	(-)	NNGATARNG	CCTTCTCTG
M0012		0.7956				
7	V\$GATA1_03	88	1395	(-)	RNSNNGATAANNNGN	TCAGTTATTTGTTT
M0012						
6	V\$GATA1_02	0.78	1425	(+)	NNNNNGATANKGNN	GCATCGATATGTAG
M0007		0.8020				
5	V\$GATA1_01	73	1427	(+)	SNNGATNNNN	ATCGATATGT
M0007		0.7834				
6	V\$GATA2_01	91	1427	(+)	NNNGATRNNN	ATCGATATGT
M0020		0.8403				
3	V\$GATA_C	23	1452	(-)	NGATAAGNMNN	GGGACTTATAT
M0007		0.8046				
6	V\$GATA2_01	91	1465	(+)	NNNGATRNNN	GGTCATAGTA
M0012		0.7721				
6	V\$GATA1_02	88	1475	(+)	NNNNNGATANKGNN	TTAGAGATTGAGCT
M0007		0.8346				
5	V\$GATA1_01	5	1477	(+)	SNNGATNNNN	AGAGATTGAG
M0007		0.8150				
6	V\$GATA2_01	65	1477	(+)	NNNGATRNNN	AGAGATTGAG
M0007		0.9255				
7	V\$GATA3_01	65	1478	(+)	NNGATARNG	GAGATTGAG
M0007		0.8336				
5	V\$GATA1_01	62	1492	(+)	SNNGATNNNN	GGGGATCTTC
M0007		0.8307				
5	V\$GATA1_01	01	1492	(-)	SNNGATNNNN	GGGGATCTTC
M0007		0.8633				
6	V\$GATA2_01	29	1492	(+)	NNNGATRNNN	GGGGATCTTC
M0007		0.8709				
6	V\$GATA2_01	97	1492	(-)	NNNGATRNNN	GGGGATCTTC
M0007		0.8849				
5	V\$GATA1_01	95	1508	(-)	SNNGATNNNN	AAAAATCTCG
M0007		0.8470				
6	V\$GATA2_01	91	1508	(-)	NNNGATRNNN	AAAAATCTCG
M0012		0.7974				
7	V\$GATA1_03	03	1522	(-)	RNSNNGATAANNNGN	GTGGTTATTCTGTC
M0007		0.8455				
5	V\$GATA1_01	08	1542	(+)	SNNGATNNNN	AGTGATGTTC
M0007		0.8267				
6	V\$GATA2_01	93	1542	(+)	NNNGATRNNN	AGTGATGTTC
M0007		0.8667				
5	V\$GATA1_01	32	1552	(+)	SNNGATNNNN	AGTGATGCTC
M0007		0.8380				
6	V\$GATA2_01	69	1552	(+)	NNNGATRNNN	AGTGATGCTC
M0007		0.7714				
5	V\$GATA1_01	71	1572	(+)	SNNGATNNNN	TGGGATCAGC
M0007		0.8514				
5	V\$GATA1_01	31	1572	(-)	SNNGATNNNN	TGGGATCAGC
M0007		0.8403				
6	V\$GATA2_01	25	1572	(+)	NNNGATRNNN	TGGGATCAGC
M0007		0.8416				
6	V\$GATA2_01	78	1572	(-)	NNNGATRNNN	TGGGATCAGC
M0012		0.8072				
7	V\$GATA1_03	02	1585	(-)	RNSNNGATAANNNGN	CTTCTGTCCCCAG
M0012		0.7920				
7	V\$GATA1_03	14	1602	(-)	RNSNNGATAANNNGN	AGTGTTATTTTCAC

M0012		0.7841				
7	V\$GATA1_03	74	1605	(-)	RNSNNGATAANNGN	GTTATTTTCACCTG
M0012		0.8280				
7	V\$GATA1_03	25	1619	(-)	RNSNNGATAANNGN	CCAATTCTCCCCTT
M0007		0.8055				
5	V\$GATA1_01	28	1664	(+)	SNNGATNNNN	CTTGATTTTA
M0007		0.7872				
5	V\$GATA1_01	66	1675	(+)	SNNGATNNNN	AAAGATTTCT
M0007		0.8164				
6	V\$GATA2_01	19	1675	(+)	NNNGATRNNN	AAAGATTTCT
M0007		0.8425				
5	V\$GATA1_01	47	1700	(+)	SNNGATNNNN	TCTGATGATT
M0007		0.8479				
6	V\$GATA2_01	93	1700	(+)	NNNGATRNNN	TCTGATGATT
M0007		0.8578				
5	V\$GATA1_01	48	1703	(+)	SNNGATNNNN	GATGATTTTC
M0007		0.8294				
6	V\$GATA2_01	99	1703	(+)	NNNGATRNNN	GATGATTTTC
M0007		0.7813				
5	V\$GATA1_01	43	1715	(+)	SNNGATNNNN	CAAGATTTAA
M0007		0.7916				
6	V\$GATA2_01	1	1741	(-)	NNNGATRNNN	AAATATGGCA
M0007		0.8603				
5	V\$GATA1_01	16	1761	(-)	SNNGATNNNN	AAACATCACT
M0007		0.8304				
6	V\$GATA2_01	01	1761	(-)	NNNGATRNNN	AAACATCACT
M0012		0.7822				
7	V\$GATA1_03	15	1769	(-)	RNSNNGATAANNGN	CTATTTTTCATCAC
M0012						
6	V\$GATA1_02	0.845	1780	(-)	NNNNNGATANKGNN	CACTGTATCTTGAT
M0012		0.8410				
7	V\$GATA1_03	09	1780	(-)	RNSNNGATAANNGN	CACTGTATCTTGAT
M0007		0.8731				
5	V\$GATA1_01	49	1782	(-)	SNNGATNNNN	CTGTATCTTG
M0007		0.8876				
6	V\$GATA2_01	86	1782	(-)	NNNGATRNNN	CTGTATCTTG
M0007		0.8626				
7	V\$GATA3_01	5	1782	(-)	NNGATARNG	CTGTATCTT
M0007		0.8647				
5	V\$GATA1_01	58	1788	(+)	SNNGATNNNN	CTTGATGTCT
M0007		0.8010				
6	V\$GATA2_01	83	1788	(+)	NNNGATRNNN	CTTGATGTCT
M0007		0.8204				
6	V\$GATA2_01	78	1809	(+)	NNNGATRNNN	TGACATAGCA
M0012		0.8109				
6	V\$GATA1_02	37	1864	(+)	NNNNNGATANKGNN	TTATACATAGGGTC
M0007		0.8132				
6	V\$GATA2_01	61	1878	(-)	NNNGATRNNN	AGTTATGCCA
M0007		0.8240				
6	V\$GATA2_01	87	1894	(-)	NNNGATRNNN	TGGTATGCCC
M0012		0.8181				
6	V\$GATA1_02	25	1913	(-)	NNNNNGATANKGNN	TCCACTATTTAGAA
M0007		0.8191				
6	V\$GATA2_01	25	1929	(+)	NNNGATRNNN	TAAGATTTCA
M0012		0.7910				
7	V\$GATA1_03	34	1942	(-)	RNSNNGATAANNGN	TTCCTTCTCCAGAT
M0007		0.8415				
5	V\$GATA1_01	6	1950	(+)	SNNGATNNNN	CCAGATTTTA
M0007		0.8173				
6	V\$GATA2_01	21	1950	(+)	NNNGATRNNN	CCAGATTTTA
M0007		0.8272				
7	V\$GATA3_01	04	1951	(+)	NNGATARNG	CAGATTTTA
M0007		0.7938				
6	V\$GATA2_01	66	1960	(-)	NNNGATRNNN	CATTATGTTG
M0020		0.9083				
3	V\$GATA_C	57	2012	(-)	NGATAAGNMNN	TGCGTTTATCA

M0012		0.8421				
6	V\$GATA1_02	87	2013	(-)	NNNNNGATANKGNN	GCGTTTATCAATGA
M0012		0.7836				
7	V\$GATA1_03	84	2013	(-)	RNSNNGATAANNNGN	GCGTTTATCAATGA
M0007		0.7976				
5	V\$GATA1_01	31	2023	(-)	SNNGATNNNN	ATGAATCTAC
M0020		0.9009				
3	V\$GATA_C	01	2030	(-)	NGATAAGNMNN	TACTTTTATCA
M0012		0.8153				
6	V\$GATA1_02	13	2031	(-)	NNNNNGATANKGNN	ACTTTTATCAGTCT
M0012		0.9024				
7	V\$GATA1_03	99	2031	(-)	RNSNNGATAANNNGN	ACTTTTATCAGTCT
M0012		0.9304				
8	V\$GATA1_04	53	2031	(-)	NNCWGATARNNNN	ACTTTTATCAGTC
M0007		0.8493				
7	V\$GATA3_01	58	2033	(-)	NNGATARNG	TTTTATCAG
M0020		0.8328				
3	V\$GATA_C	67	2057	(-)	NGATAAGNMNN	TCTAATTATCA
M0012		0.7796				
6	V\$GATA1_02	87	2058	(-)	NNNNNGATANKGNN	CTAATTATCATCTG
M0012		0.8880				
7	V\$GATA1_03	45	2058	(-)	RNSNNGATAANNNGN	CTAATTATCATCTG
M0012		0.8952				
8	V\$GATA1_04	21	2058	(-)	NNCWGATARNNNN	CTAATTATCATCT
M0007		0.8780				
5	V\$GATA1_01	85	2060	(-)	SNNGATNNNN	AATTATCATC
M0007		0.8827				
6	V\$GATA2_01	24	2060	(-)	NNNGATRNNN	AATTATCATC
M0007		0.8431				
7	V\$GATA3_01	55	2060	(-)	NNGATARNG	AATTATCAT
M0007		0.7862				
5	V\$GATA1_01	78	2063	(-)	SNNGATNNNN	TATCATCTGA
M0007		0.8294				
6	V\$GATA2_01	99	2063	(-)	NNNGATRNNN	TATCATCTGA
M0007		0.8391				
7	V\$GATA3_01	67	2063	(-)	NNGATARNG	TATCATCTG
M0012		0.8443				
6	V\$GATA1_02	75	2069	(+)	NNNNNGATANKGNN	CTGAAGATAATTTA
M0012		0.8728				
7	V\$GATA1_03	56	2069	(+)	RNSNNGATAANNNGN	CTGAAGATAATTTA
M0012		0.8373				
8	V\$GATA1_04	16	2070	(+)	NNCWGATARNNNN	TGAAGATAATTTA
M0007		0.8573				
5	V\$GATA1_01	54	2071	(+)	SNNGATNNNN	GAAGATAATT
M0007		0.8940				
6	V\$GATA2_01	01	2071	(+)	NNNGATRNNN	GAAGATAATT
M0007		0.8666				
7	V\$GATA3_01	37	2072	(+)	NNGATARNG	AAGATAATT
M0020		0.8580				
3	V\$GATA_C	3	2073	(+)	NGATAAGNMNN	AGATAATTTAA
M0007		0.7947				
6	V\$GATA2_01	68	2100	(-)	NNNGATRNNN	AAATATGTGA
M0007		0.7912				
5	V\$GATA1_01	14	2105	(+)	SNNGATNNNN	TGTGATTATA
M0007		0.7821				
6	V\$GATA2_01	38	2105	(+)	NNNGATRNNN	TGTGATTATA
M0007		0.8586				
7	V\$GATA3_01	62	2106	(+)	NNGATARNG	GTGATTATA
M0012		0.8233				
7	V\$GATA1_03	71	2106	(+)	RNSNNGATAANNNGN	GTGATTATAAGGAG
M0012		0.7905				
7	V\$GATA1_03	44	2106	(-)	RNSNNGATAANNNGN	GTGATTATAAGGAG
M0012		0.8013				
7	V\$GATA1_03	23	2133	(-)	RNSNNGATAANNNGN	TTAATTAGCTTCTT
M0020		0.9105				
3	V\$GATA_C	31	2140	(-)	NGATAAGNMNN	GCTTCTTATCT

M0012		0.8571				
6	V\$GATA1_02	87	2141	(-)	NNNNNGATANKGNN	CTTCTTATCTATTT
M0012		0.8978				
7	V\$GATA1_03	44	2141	(-)	RNSNNGATAANNNGN	CTTCTTATCTATTT
M0012		0.9129				
8	V\$GATA1_04	9	2141	(-)	NNCWGATARNNNN	CTTCTTATCTATT
M0007		0.8949				
7	V\$GATA3_01	93	2143	(-)	NNGATARNG	TCTTATCTA
M0007		0.7778				
5	V\$GATA1_01	87	2157	(+)	SNNGATNNNN	CAGGATCAAG
M0007		0.8460				
5	V\$GATA1_01	02	2157	(-)	SNNGATNNNN	CAGGATCAAG
M0007		0.8114				
6	V\$GATA2_01	57	2157	(+)	NNNGATRNNN	CAGGATCAAG
M0012		0.8116				
7	V\$GATA1_03	12	2184	(-)	RNSNNGATAANNNGN	ATTTTTACCTGCCT
M0012		0.7836				
7	V\$GATA1_03	84	2223	(+)	RNSNNGATAANNNGN	GTAAGTATAATAAG
M0012		0.7956				
6	V\$GATA1_02	25	2231	(+)	NNNNNGATANKGNN	AATAAGATACAGAT
M0012		0.8563				
8	V\$GATA1_04	11	2232	(+)	NNCWGATARNNNN	ATAAGATACAGAT
M0007		0.8124				
5	V\$GATA1_01	38	2233	(+)	SNNGATNNNN	TAAGATACAG
M0007		0.8786				
6	V\$GATA2_01	65	2233	(+)	NNNGATRNNN	TAAGATACAG
M0007		0.8626				
7	V\$GATA3_01	5	2234	(+)	NNGATARNG	AAGATACAG
M0020		0.8536				
3	V\$GATA_C	81	2235	(+)	NGATAAGNMNN	AGATACAGATG
M0012		0.7939				
7	V\$GATA1_03	74	2237	(+)	RNSNNGATAANNNGN	ATACAGATGATAAT
M0007		0.7778				
5	V\$GATA1_01	87	2239	(+)	SNNGATNNNN	ACAGATGATA
M0007		0.7970				
6	V\$GATA2_01	23	2239	(+)	NNNGATRNNN	ACAGATGATA
M0007		0.8391				
7	V\$GATA3_01	67	2240	(+)	NNGATARNG	CAGATGATA
M0012						
6	V\$GATA1_02	0.8325	2240	(+)	NNNNNGATANKGNN	CAGATGATAATATA
M0012		0.8561				
7	V\$GATA1_03	98	2240	(+)	RNSNNGATAANNNGN	CAGATGATAATATA
M0012		0.8462				
8	V\$GATA1_04	01	2241	(+)	NNCWGATARNNNN	AGATGATAATATA
M0007		0.8425				
5	V\$GATA1_01	47	2242	(+)	SNNGATNNNN	GATGATAATA
M0007		0.8529				
6	V\$GATA2_01	54	2242	(+)	NNNGATRNNN	GATGATAATA
M0007		0.8750				
7	V\$GATA3_01	55	2243	(+)	NNGATARNG	ATGATAATA
M0020		0.8511				
3	V\$GATA_C	96	2244	(+)	NGATAAGNMNN	TGATAATATAT
M0012		0.7841				
7	V\$GATA1_03	74	2258	(+)	RNSNNGATAANNNGN	GTAAATATAAGAAT
M0012		0.7822				
7	V\$GATA1_03	15	2278	(-)	RNSNNGATAANNNGN	TTGTTTATGAGGAT
M0012		0.8193				
6	V\$GATA1_02	75	2284	(+)	NNNNNGATANKGNN	ATGAGGATAATGTC
M0012		0.9213				
7	V\$GATA1_03	62	2284	(+)	RNSNNGATAANNNGN	ATGAGGATAATGTC
M0007		0.8642				
5	V\$GATA1_01	65	2286	(+)	SNNGATNNNN	GAGGATAATG
M0007		0.9215				
6	V\$GATA2_01	16	2286	(+)	NNNGATRNNN	GAGGATAATG
M0007		0.8883				
7	V\$GATA3_01	47	2287	(+)	NNGATARNG	AGGATAATG

M0020		0.8633				
3	V\$GATA_C	12	2288	(+)	NGATAAGNMNN	GGATAATGTCA
M0012		0.8236				
7	V\$GATA1_03	16	2300	(+)	RNSNNGATAANNNGN	GGGTAGACAGCAGG
M0007		0.8430				
5	V\$GATA1_01	4	2353	(+)	SNNGATNNNN	AAAGATGGCC
M0007		0.8854				
6	V\$GATA2_01	31	2353	(+)	NNNGATRNNN	AAAGATGGCC
M0007		0.8254				
7	V\$GATA3_01	32	2354	(+)	NNGATARNG	AAGATGGCC
M0012		0.7851				
7	V\$GATA1_03	54	2385	(+)	RNSNNGATAANNNGN	ATGAAGATGGACAA
M0007		0.8682				
5	V\$GATA1_01	13	2387	(+)	SNNGATNNNN	GAAGATGGAC
M0007		0.8732				
6	V\$GATA2_01	52	2387	(+)	NNNGATRNNN	GAAGATGGAC
M0007		0.8214				
7	V\$GATA3_01	44	2388	(+)	NNGATARNG	AAGATGGAC
M0020		0.8390				
3	V\$GATA_C	8	2393	(+)	NGATAAGNMNN	GGACAAAAATA
M0007		0.8149				
5	V\$GATA1_01	06	2427	(+)	SNNGATNNNN	TAGGATTGGA
M0007		0.8574				
6	V\$GATA2_01	65	2427	(+)	NNNGATRNNN	TAGGATTGGA
M0007		0.8688				
7	V\$GATA3_01	52	2428	(+)	NNGATARNG	AGGATTGGA
M0007		0.7872				
5	V\$GATA1_01	66	2436	(+)	SNNGATNNNN	AAAGATTTTT
M0007		0.7974				
6	V\$GATA2_01	74	2436	(+)	NNNGATRNNN	AAAGATTTTT
M0007		0.8430				
5	V\$GATA1_01	4	2516	(-)	SNNGATNNNN	GAGAATCACT
M0007		0.8019				
6	V\$GATA2_01	85	2516	(-)	NNNGATRNNN	GAGAATCACT
M0007		0.8223				
5	V\$GATA1_01	1	2596	(+)	SNNGATNNNN	GTAGATTCCC
M0007		0.7893				
6	V\$GATA2_01	55	2596	(+)	NNNGATRNNN	GTAGATTCCC
M0007		0.8864				
5	V\$GATA1_01	76	2607	(-)	SNNGATNNNN	AACCATCTCT
M0007		0.8782				
6	V\$GATA2_01	14	2607	(-)	NNNGATRNNN	AACCATCTCT
M0007		0.8586				
7	V\$GATA3_01	62	2607	(-)	NNGATARNG	AACCATCTC
M0007		0.7974				
6	V\$GATA2_01	74	2620	(-)	NNNGATRNNN	GCATATGTCA
M0012		0.8159				
6	V\$GATA1_02	37	2672	(+)	NNNNNGATANKGNN	ACTTTGATAGGAAA
M0012		0.7814				
7	V\$GATA1_03	8	2672	(+)	RNSNNGATAANNNGN	ACTTTGATAGGAAA
M0012		0.8106				
8	V\$GATA1_04	62	2673	(+)	NNCWGATARNNNN	CTTTGATAGGAAA
M0007		0.8277				
5	V\$GATA1_01	39	2674	(+)	SNNGATNNNN	TTTGATAGGA
M0007		0.8146				
6	V\$GATA2_01	14	2674	(+)	NNNGATRNNN	TTTGATAGGA
M0007		0.8998				
7	V\$GATA3_01	67	2675	(+)	NNGATARNG	TTGATAGGA
M0020		0.9095				
3	V\$GATA_C	99	2676	(+)	NGATAAGNMNN	TGATAGGAAAC
M0007		0.7714				
5	V\$GATA1_01	71	2680	(-)	SNNGATNNNN	AGGAAACAGG
M0007		0.8474				
5	V\$GATA1_01	83	2687	(+)	SNNGATNNNN	AGGGATGTGT
M0007		0.8624				
6	V\$GATA2_01	27	2687	(+)	NNNGATRNNN	AGGGATGTGT

M0007		0.8010				
5	V\$GATA1_01	86	2715	(+)	SNNGATNNNN	GGAGTTGGGC
M0007		0.8326				
5	V\$GATA1_01	75	2746	(-)	SNNGATNNNN	AAGAATCCAC
M0007		0.7884				
6	V\$GATA2_01	53	2746	(-)	NNNGATRNNN	AAGAATCCAC
M0007		0.8070				
5	V\$GATA1_01	09	2777	(-)	SNNGATNNNN	TTCCATCCCT
M0007		0.8227				
6	V\$GATA2_01	33	2777	(-)	NNNGATRNNN	TTCCATCCCT
M0007		0.8254				
7	V\$GATA3_01	32	2777	(-)	NNGATARNG	TTCCATCCC
M0012		0.7861				
7	V\$GATA1_03	34	2792	(+)	RNSNNGATAANNNGN	AGGAAGATCCCATG
M0007		0.8099				
5	V\$GATA1_01	7	2794	(+)	SNNGATNNNN	GAAGATCCCA
M0007		0.7773				
5	V\$GATA1_01	94	2794	(-)	SNNGATNNNN	GAAGATCCCA
M0007		0.8448				
6	V\$GATA2_01	35	2794	(+)	NNNGATRNNN	GAAGATCCCA
M0007		0.8488				
6	V\$GATA2_01	95	2794	(-)	NNNGATRNNN	GAAGATCCCA
M0012		0.7843				
6	V\$GATA1_02	75	2945	(+)	NNNNNGATANKGNN	TGCCAGATAACCTA
M0012		0.8221				
7	V\$GATA1_03	46	2945	(+)	RNSNNGATAANNNGN	TGCCAGATAACCTA
M0012		0.8691				
8	V\$GATA1_04	79	2946	(+)	NNCWGATARNNNN	GCCAGATAACCTA
M0007		0.8677				
5	V\$GATA1_01	2	2947	(+)	SNNGATNNNN	CCAGATAACC
M0007		0.9120				
6	V\$GATA2_01	43	2947	(+)	NNNGATRNNN	CCAGATAACC
M0007		0.8449				
7	V\$GATA3_01	27	2948	(+)	NNGATARNG	CAGATAACC
M0020		0.8471				
3	V\$GATA_C	58	2949	(+)	NGATAAGNMNN	AGATAACCTAA
M0007		0.8869				
5	V\$GATA1_01	69	2988	(-)	SNNGATNNNN	CAACATCTTC
M0007		0.8935				
6	V\$GATA2_01	5	2988	(-)	NNNGATRNNN	CAACATCTTC
M0007		0.8480				
7	V\$GATA3_01	28	2988	(-)	NNGATARNG	CAACATCTT
M0020		0.8819				
3	V\$GATA_C	51	3018	(-)	NGATAAGNMNN	TATTCATATCA
M0012		0.8838				
8	V\$GATA1_04	85	3019	(-)	NNCWGATARNNNN	ATTCATATCATAC
M0007		0.8168				
5	V\$GATA1_01	81	3021	(-)	SNNGATNNNN	TCATATCATA
M0007		0.8597				
6	V\$GATA2_01	2	3021	(-)	NNNGATRNNN	TCATATCATA
M0007		0.8639				
7	V\$GATA3_01	79	3021	(-)	NNGATARNG	TCATATCAT
M0012		0.8246				
6	V\$GATA1_02	88	3030	(+)	NNNNNGATANKGNN	ACAGTGATAAAGAA
M0012		0.8561				
7	V\$GATA1_03	98	3030	(+)	RNSNNGATAANNNGN	ACAGTGATAAAGAA
M0012		0.8339				
8	V\$GATA1_04	46	3031	(+)	NNCWGATARNNNN	CAGTGATAAAGAA
M0007		0.8139				
5	V\$GATA1_01	19	3032	(+)	SNNGATNNNN	AGTGATAAAG
M0007		0.8168				
6	V\$GATA2_01	7	3032	(+)	NNNGATRNNN	AGTGATAAAG
M0007		0.9073				
7	V\$GATA3_01	99	3033	(+)	NNGATARNG	GTGATAAAG
M0020		0.9058				
3	V\$GATA_C	71	3034	(+)	NGATAAGNMNN	TGATAAAGAAG

M0007		0.8652				
5	V\$GATA1_01	52	3047	(+)	SNNGATNNNN	CTAGATGCTT
M0007		0.8046				
6	V\$GATA2_01	91	3047	(+)	NNNGATRNNN	CTAGATGCTT
M0012		0.8868				
6	V\$GATA1_02	75	3070	(+)	NNNNNGATANKGNN	TTGAAGATACAGGC
M0012		0.8032				
7	V\$GATA1_03	83	3070	(+)	RNSNNGATAANNNGN	TTGAAGATACAGGC
M0012		0.8419				
8	V\$GATA1_04	12	3071	(+)	NNCWGATARNNNN	TGAAGATACAGGC
M0007		0.8687				
5	V\$GATA1_01	07	3072	(+)	SNNGATNNNN	GAAGATACAG
M0007		0.8930				
6	V\$GATA2_01	99	3072	(+)	NNNGATRNNN	GAAGATACAG
M0007		0.8626				
7	V\$GATA3_01	5	3073	(+)	NNGATARNG	AAGATACAG
M0020		0.8810				
3	V\$GATA_C	19	3074	(+)	NGATAAGNMNN	AGATACAGGCT
M0007		0.8193				
5	V\$GATA1_01	48	3085	(-)	SNNGATNNNN	TGCAATCTGT
M0007		0.8313				
6	V\$GATA2_01	04	3085	(-)	NNNGATRNNN	TGCAATCTGT
M0007		0.8715				
7	V\$GATA3_01	11	3085	(-)	NNGATARNG	TGCAATCTG
M0007						
6	V\$GATA2_01	0.7871	3090	(+)	NNNGATRNNN	TCTGTTAGCT
M0012		0.8637				
7	V\$GATA1_03	92	3090	(-)	RNSNNGATAANNNGN	TCTGTTAGCTCCCT
M0020		0.9341				
3	V\$GATA_C	41	3122	(-)	NGATAAGNMNN	TTCCCTTATCC
M0012		0.8637				
6	V\$GATA1_02	5	3123	(-)	NNNNNGATANKGNN	TCCCTTATCCTGCA
M0012		0.8508				
7	V\$GATA1_03	08	3123	(-)	RNSNNGATAANNNGN	TCCCTTATCCTGCA
M0012		0.8694				
8	V\$GATA1_04	85	3123	(-)	NNCWGATARNNNN	TCCCTTATCCTGC
M0007		0.8810				
5	V\$GATA1_01	46	3125	(-)	SNNGATNNNN	CCTTATCCTG
M0007		0.9224				
6	V\$GATA2_01	18	3125	(-)	NNNGATRNNN	CCTTATCCTG
M0007		0.9091				
7	V\$GATA3_01	71	3125	(-)	NNGATARNG	CCTTATCCT
M0007		0.7887				
5	V\$GATA1_01	46	3145	(-)	SNNGATNNNN	TGCCAACACC
M0012						
6	V\$GATA1_02	0.78	3179	(+)	NNNNNGATANKGNN	GTCAGATTGGGCT
M0012		0.8201				
8	V\$GATA1_04	59	3180	(+)	NNCWGATARNNNN	TTGAGATTGGGCT
M0007		0.8869				
5	V\$GATA1_01	69	3181	(+)	SNNGATNNNN	TCAGATTGGG
M0007		0.8940				
6	V\$GATA2_01	01	3181	(+)	NNNGATRNNN	TCAGATTGGG
M0007		0.9432				
7	V\$GATA3_01	88	3182	(+)	NNGATARNG	CAGATTGGG
M0020		0.8359				
3	V\$GATA_C	74	3187	(-)	NGATAAGNMNN	TGGGCTTCTCT
M0020		0.8403				
3	V\$GATA_C	23	3209	(+)	NGATAAGNMNN	TGCTAAGGACT
M0007		0.7875				
6	V\$GATA2_01	51	3225	(+)	NNNGATRNNN	TGCCATGCTG
M0007		0.8073				
6	V\$GATA2_01	97	3225	(-)	NNNGATRNNN	TGCCATGCTG
M0012		0.8023				
7	V\$GATA1_03	03	3243	(+)	RNSNNGATAANNNGN	GGTTTGATACCAGG
M0007		0.7897				
5	V\$GATA1_01	33	3245	(+)	SNNGATNNNN	TTTGATACCA

M0007		0.8019				
6	V\$GATA2_01	85	3245	(+)	NNNGATRNNN	TTTGATACCA
M0007		0.8307				
5	V\$GATA1_01	01	3262	(+)	SNNGATNNNN	GAAGATCCCC
M0007		0.8336				
5	V\$GATA1_01	62	3262	(-)	SNNGATNNNN	GAAGATCCCC
M0007		0.8709				
6	V\$GATA2_01	97	3262	(+)	NNNGATRNNN	GAAGATCCCC
M0007		0.8633				
6	V\$GATA2_01	29	3262	(-)	NNNGATRNNN	GAAGATCCCC
M0007		0.7749				
5	V\$GATA1_01	26	3335	(+)	SNNGATNNNN	CCAGAGGGTT
M0012		0.7834				
7	V\$GATA1_03	39	3351	(+)	RNSNNGATAANNNGN	AGTCAGATACTTTC
M0007		0.8613				
5	V\$GATA1_01	03	3353	(+)	SNNGATNNNN	TCAGATACTT
M0007		0.9138				
6	V\$GATA2_01	48	3353	(+)	NNNGATRNNN	TCAGATACTT
M0012		0.8164				
8	V\$GATA1_04	83	3373	(-)	NNCWGATARNNNN	TCACCTTTCAGAT
M0022		0.7204				CTTCCTTTTAGGAAAA-
4	V\$STAT1_01	02	23	(+)	NNNSANTTCCGGAANTGNSN	GAGGT
M0022		0.8535				
3	V\$STAT_01	42	28	(-)	TTCCCRKAA	TTTTAGGAA
M0022		0.8026				
3	V\$STAT_01	22	30	(-)	TTCCCRKAA	TTAGGAAAA
M0022		0.8167				
3	V\$STAT_01	38	108	(-)	TTCCCRKAA	TTCCAAAAA
M0022		0.8096				
3	V\$STAT_01	8	213	(+)	TTCCCRKAA	TTCTTAAAA
M0022		0.7958				
3	V\$STAT_01	15	236	(+)	TTCCCRKAA	ATACTAGAA
M0022		0.8326				
3	V\$STAT_01	19	721	(+)	TTCCCRKAA	ATCCTATAA
M0022		0.7995				
3	V\$STAT_01	97	756	(+)	TTCCCRKAA	TTAGTAGAA
M0022		0.8099				
3	V\$STAT_01	32	756	(-)	TTCCCRKAA	TTAGTAGAA
M0022		0.8328				
3	V\$STAT_01	71	1033	(+)	TTCCCRKAA	TTCCAGGCA
M0022		0.8568				
3	V\$STAT_01	19	1033	(-)	TTCCCRKAA	TTCCAGGCA
M0022		0.7783				
4	V\$STAT1_01	63	1162	(-)	NNNSANTTCCGGAANTGNSN	CCTCTGTTCTGGGATTCTCC
M0022		0.8585				
3	V\$STAT_01	83	1168	(+)	TTCCCRKAA	TTCTGGGA
M0022		0.8328				
3	V\$STAT_01	71	1319	(+)	TTCCCRKAA	TTCCAGGCA
M0022		0.8568				
3	V\$STAT_01	19	1319	(-)	TTCCCRKAA	TTCCAGGCA
M0022		0.7917				
3	V\$STAT_01	82	1355	(+)	TTCCCRKAA	TTCTCTGCA
M0022		0.8046				
3	V\$STAT_01	38	1592	(+)	TTCCCRKAA	TCCCCAGCA
M0022		0.7925				
3	V\$STAT_01	38	1754	(+)	TTCCCRKAA	TTAGTATAA
M0022		0.9223				
3	V\$STAT_01	59	1980	(+)	TTCCCRKAA	TTCTTGTA
M0022		0.8336				
3	V\$STAT_01	27	1980	(-)	TTCCCRKAA	TTCTTGTA
M0022		0.8154				
3	V\$STAT_01	78	2282	(-)	TTCCCRKAA	TTATGAGGA
M0022		0.8096				
3	V\$STAT_01	8	2285	(-)	TTCCCRKAA	TGAGGATAA
M0022		0.8396				
3	V\$STAT_01	77	2424	(-)	TTCCCRKAA	TTCTAGGAT

M0022		0.8298				
3	V\$STAT_01	46	2512	(+)	TTCCCRKAA	CTCCGAGAA
M0022		0.8396				
3	V\$STAT_01	77	2512	(-)	TTCCCRKAA	CTCCGAGAA
M0022		0.8096				
3	V\$STAT_01	8	2525	(+)	TTCCCRKAA	TTCTTAAAA
M0022		0.8197				
3	V\$STAT_01	63	2562	(+)	TTCCCRKAA	TTCTTTTAA
M0022		0.8873				
3	V\$STAT_01	2	2676	(-)	TTCCCRKAA	TGATAGGAA
M0022		0.7958				
3	V\$STAT_01	15	2995	(-)	TTCCCRKAA	TTCTAGTGA
M0022		0.8535				
3	V\$STAT_01	42	3009	(-)	TTCCCRKAA	TTACAGAAA
M0013		0.8490				
7	V\$OCT1_03	72	39	(+)	NNNRTAATNANNN	GAGGTAATATTTT
M0013		0.8787				AGGTAA-
8	V\$OCT1_04	12	40	(-)	NNNNNNNWATGCAAATNNNWNW	TATTTTCATTTATCTTT
M0013		0.7888				
5	V\$OCT1_01	21	42	(-)	NNNNWTATGCAAATNTNNN	GTAATATTTTCATTTATCT
M0016						
2	V\$OCT1_06	0.9375	44	(+)	CWNAWTKWSATRYN	AATATTTTCATTTA
M0019		0.8223				
5	V\$OCT1_Q6	25	44	(-)	NNNNATGCAAATNAN	AATATTTTCATTTAT
M0024		0.8123				
8	V\$OCT1_07	81	44	(+)	TNTATGNTAATT	AATATTTTCATT
M0013		0.7917				TATTTTCATTTATCTTTTGC-
8	V\$OCT1_04	19	46	(-)	NNNNNNNWATGCAAATNNNWNW	TA
M0013		0.7321				
5	V\$OCT1_01	63	57	(+)	NNNNWTATGCAAATNTNNN	ATCTTTTTGCTATTCTATG
M0016		0.8054				
2	V\$OCT1_06	69	57	(+)	CWNAWTKWSATRYN	ATCTTTTTGCTATT
M0016		0.8343				
2	V\$OCT1_06	75	76	(+)	CWNAWTKWSATRYN	TACCTTGTAATATT
M0016		0.8066				
2	V\$OCT1_06	41	77	(-)	CWNAWTKWSATRYN	ACCTTGTAATATTG
M0013		0.8846				
7	V\$OCT1_03	31	79	(+)	NNNRTAATNANNN	CTTGTAATATTGT
M0013		0.7869				AAGTATTTTTTAAA-
8	V\$OCT1_04	09	115	(-)	NNNNNNNWATGCAAATNNNWNW	GAAACTAAT
M0013		0.8858				TAAAAAAATTAACATA-
8	V\$OCT1_04	22	217	(-)	NNNNNNNWATGCAAATNNNWNW	CACATAC
M0013		0.8557				
5	V\$OCT1_01	8	219	(-)	NNNNWTATGCAAATNTNNN	AAAAAATTAACATACACAT
M0016		0.8812				
2	V\$OCT1_06	5	221	(+)	CWNAWTKWSATRYN	AAAATTAACATACA
M0024		0.9932				
8	V\$OCT1_07	16	223	(-)	TNTATGNTAATT	AATTAACATACA
M0016		0.8734				
2	V\$OCT1_06	37	242	(+)	CWNAWTKWSATRYN	GAAATGTTATACT
M0016		0.8042				
2	V\$OCT1_06	97	258	(-)	CWNAWTKWSATRYN	TCTATCTTATGATG
M0016		0.8015				
2	V\$OCT1_06	62	265	(+)	CWNAWTKWSATRYN	TATGATGAAATGCC
M0016		0.8035				
2	V\$OCT1_06	16	271	(-)	CWNAWTKWSATRYN	GAAATGCCACAGTT
M0013		0.8818				
7	V\$OCT1_03	65	293	(+)	NNNRTAATNANNN	GAGCTAATCATAA
M0013		0.9755				
7	V\$OCT1_03	04	299	(+)	NNNRTAATNANNN	ATCATAATGAGGT
M0016		0.8812				
2	V\$OCT1_06	5	301	(+)	CWNAWTKWSATRYN	CATAATGAGGTTTT
M0013		0.7340				
5	V\$OCT1_01	71	308	(+)	NNNNWTATGCAAATNTNNN	AGGTTTTTGAAAATCCAGG
M0013		0.7850				
6	V\$OCT1_02	57	311	(-)	NNGAATATKCANNNN	TTTTTGAAAATCCAG

M0016		0.8628				
2	V\$OCT1_06	91	332	(+)	CWNAWKWSATRYN	GCACATTAGATGTA
M0016		0.8214				
2	V\$OCT1_06	84	333	(-)	CWNAWKWSATRYN	CACATTAGATGTAT
M0013		0.8664				
7	V\$OCT1_03	56	371	(+)	NNNRATAATNANNN	CTGTAAATCAGAC
M0013		0.8609				
7	V\$OCT1_03	25	465	(+)	NNNRATAATNANNN	TTCATAACTACAA
M0016		0.8136				
2	V\$OCT1_06	72	486	(+)	CWNAWKWSATRYN	ATGTTTCTCATTTA
M0016		0.8601				
2	V\$OCT1_06	56	487	(-)	CWNAWKWSATRYN	TGTTTCTCATTTAT
M0016		0.8550				
2	V\$OCT1_06	78	513	(-)	CWNAWKWSATRYN	AACATTTATTTAAC
M0016		0.8003				
2	V\$OCT1_06	91	516	(+)	CWNAWKWSATRYN	ATTTATTTAACTCT
M0013		0.7839				
6	V\$OCT1_02	74	532	(+)	NNGAATATKCANNNN	GTTAATATTTGTCCA
M0016		0.8007				
2	V\$OCT1_06	81	545	(-)	CWNAWKWSATRYN	CATGTTCCAGTTTC
M0016		0.8343				
2	V\$OCT1_06	75	554	(+)	CWNAWKWSATRYN	GTTTCTTTTCATCCA
M0013		0.8402				
8	V\$OCT1_04	34	559	(+)	NNNNNNNWATGCAAATNNWNWNW	TTTCATCCATGGAAAA-TAAAATA
M0024		0.8200				
8	V\$OCT1_07	13	564	(+)	TNTATGNTAATT	TCCATGGAAAAAT
M0016		0.8554				
2	V\$OCT1_06	69	570	(+)	CWNAWKWSATRYN	GAAAAATAAAATATC
M0016		0.8136				
2	V\$OCT1_06	72	570	(-)	CWNAWKWSATRYN	GAAAAATAAAATATC
M0016		0.8214				
2	V\$OCT1_06	84	571	(-)	CWNAWKWSATRYN	AAAATAAAATATCT
M0024		0.7986				
8	V\$OCT1_07	01	572	(-)	TNTATGNTAATT	AAATAAAATATC
M0013		0.8005				
8	V\$OCT1_04	02	601	(+)	NNNNNNNWATGCAAATNNWNWNW	AAGTGCGTATA-CATAATGAACCT
M0013		0.8945				
7	V\$OCT1_03	08	610	(+)	NNNRATAATNANNN	TACATAATGAACCT
M0013		0.7936				
8	V\$OCT1_04	01	616	(+)	NNNNNNNWATGCAAATNNWNWNW	ATGAACCTTATTTCAAATTTTTAA
M0016		0.8214				
2	V\$OCT1_06	84	621	(-)	CWNAWKWSATRYN	CTTATTTCAAATTT
M0016		0.8601				
2	V\$OCT1_06	56	623	(-)	CWNAWKWSATRYN	TATTTCAAATTTTT
M0013		0.7860				
8	V\$OCT1_04	73	626	(-)	NNNNNNNWATGCAAATNNWNWNW	TTCAAATTTTTAACTTATAAAAT
M0016		0.8003				
2	V\$OCT1_06	91	629	(+)	CWNAWKWSATRYN	AAATTTTTAACTTA
M0013		0.7823				
8	V\$OCT1_04	09	639	(-)	NNNNNNNWATGCAAATNNWNWNW	CTTATAAAATTTAATATATATATATATATA
M0013		0.8076				
8	V\$OCT1_04	12	641	(-)	NNNNNNNWATGCAAATNNWNWNW	TATATA- TAAAATTTAATATATATATCA A
M0013		0.7384				
5	V\$OCT1_01	59	643	(-)	NNNNWTATGCAAAATNTNNN	TAAAATTTAATATATATAT
M0016		0.8812				
2	V\$OCT1_06	5	643	(+)	CWNAWKWSATRYN	TAAAATTTAATATA
M0013		0.7990				
8	V\$OCT1_04	38	644	(+)	NNNNNNNWATGCAAATNNWNWNW	AAAATTTAATATATATATCATCT
M0016		0.8984				
2	V\$OCT1_06	37	644	(-)	CWNAWKWSATRYN	AAAATTTAATATAT
M0013		0.8071				
8	V\$OCT1_04	94	645	(-)	NNNNNNNWATGCAAATNNWNWNW	AAATTTAATATATATATCATCTT
M0013		0.7944				
8	V\$OCT1_04	37	646	(+)	NNNNNNNWATGCAAATNNWNWNW	AATTTAATATATATATCATCTTA

M0013		0.8088				ATTTAATATATATATCATCTT
8	V\$OCT1_04	67	647	(-)	NNNNNNNWATGCAAATNNNWNW	AT
M0024		0.7935				
8	V\$OCT1_07	13	647	(-)	TNTATGNTAATT	ATTTAATATATA
M0016		0.8578				
2	V\$OCT1_06	12	665	(+)	CWNAWTKWSATRYN	CTTATTTTAAAAACA
M0013		0.7927				TAAAAACATT-
8	V\$OCT1_04	65	671	(-)	NNNNNNNWATGCAAATNNNWNW	GTCATTATGAAAT
M0016		0.8476				
2	V\$OCT1_06	56	675	(+)	CWNAWTKWSATRYN	AACATTGTCATTAT
M0016		0.8121				
2	V\$OCT1_06	09	676	(-)	CWNAWTKWSATRYN	ACATTGTCATTATG
M0013		0.9573				
7	V\$OCT1_03	29	679	(-)	NNNRATAATNANN	TTGTCATTATGAA
M0016		0.9531				
2	V\$OCT1_06	25	683	(+)	CWNAWTKWSATRYN	CATTATGAAATGCT
M0013		0.8354				AT-
8	V\$OCT1_04	25	684	(+)	NNNNNNNWATGCAAATNNNWNW	TATGAAATGCTTATAAAGTG
M0016		0.8421				A
2	V\$OCT1_06	87	684	(-)	CWNAWTKWSATRYN	ATTATGAAATGCTT
M0013		0.8439				
7	V\$OCT1_03	35	695	(+)	NNNRATAATNANN	CTTATAAAGTGAA
M0016		0.8214				
2	V\$OCT1_06	84	698	(+)	CWNAWTKWSATRYN	ATAAAGTGAATGTC
M0016		0.9324				
2	V\$OCT1_06	22	703	(+)	CWNAWTKWSATRYN	GTGAATGTCATGTG
M0016		0.85				
2	V\$OCT1_06	704	(-)	CWNAWTKWSATRYN	TGAATGTCATGTGC	
M0013		0.7661				
5	V\$OCT1_01	2	707	(-)	NNNNWTATGCAAATNTNN	ATGTCATGTGCATTATCCT
M0016		0.8509				
1	V\$OCT1_05	05	709	(+)	MKNATTTGCATAYY	GTCATGTGCATTAT
M0019		0.8048				
5	V\$OCT1_Q6	58	709	(-)	NNNNATGCAAATNAN	GTCATGTGCATTATC
M0013		0.8232				
6	V\$OCT1_02	27	711	(-)	NNGAATATKCANNN	CATGTGCATTATCCT
M0013		0.7704				
6	V\$OCT1_02	39	735	(-)	NNGAATATKCANNN	AACAAGAATATCTGG
M0016		0.8699				
2	V\$OCT1_06	22	742	(+)	CWNAWTKWSATRYN	ATATCTGGGATTCT
M0013		0.8354				TAGTAGAAATGA-
8	V\$OCT1_04	25	757	(+)	NNNNNNNWATGCAAATNNNWNW	TAAATTAATAA
M0016		0.8316				
2	V\$OCT1_06	41	775	(-)	CWNAWTKWSATRYN	AATAACAAAAGCAG
M0013		0.8025				AG-
8	V\$OCT1_04	93	784	(+)	NNNNNNNWATGCAAATNNNWNW	CAGGCAATGCTAATCTTAA-
M0013		0.7729				GA
5	V\$OCT1_01	87	786	(+)	NNNNWTATGCAAATNTNN	CAGGCAATGCTAATCTTAA
M0019		0.8179				
5	V\$OCT1_Q6	59	788	(+)	NNNNATGCAAATNAN	GGCAATGCTAATCTT
M0024		0.8149				
8	V\$OCT1_07	25	789	(+)	TNTATGNTAATT	GCAATGCTAATC
M0013		0.7761				
6	V\$OCT1_02	23	804	(-)	NNGAATATKCANNN	AGAGAGAATAATTCC
M0013		0.7858				ATAATTCCCATGCATA-
8	V\$OCT1_04	64	811	(-)	NNNNNNNWATGCAAATNNNWNW	CACATTC
M0016		0.8042				
2	V\$OCT1_06	97	811	(+)	CWNAWTKWSATRYN	ATAATTCCCATGCA
M0019		0.8204				
5	V\$OCT1_Q6	15	811	(-)	NNNNATGCAAATNAN	ATAATTCCCATGCAT
M0013		0.7942				TAATTCCCATGCATA-
8	V\$OCT1_04	28	812	(+)	NNNNNNNWATGCAAATNNNWNW	CACATTCT
M0024		0.8496				
8	V\$OCT1_07	93	813	(-)	TNTATGNTAATT	AATTCCCATGCA

M0013		0.8121				
6	V\$OCT1_02	28	817	(-)	NNGAATATKCANNNN	CCCATGCATACACAT
M0016		0.8093				
2	V\$OCT1_06	75	830	(-)	CWNAWTKWSATRYN	ATTCTCTAAATTTG
M0013		0.8448				TCTCTAAATTT-
8	V\$OCT1_04	35	832	(-)	NNNNNNNWATGCAAATNNNWNNW	GCACAGGCAAAAG
M0013		0.8239				
5	V\$OCT1_01	22	834	(-)	NNNNWTATGCAAATNTNNN	TCTAAATTTGCACAGGCAA
M0024		0.8333				
8	V\$OCT1_07	69	838	(-)	TNTATGNTAATT	AATTTGCACAGG
M0013		0.8034				ATTTGCACAGGCAAA-
8	V\$OCT1_04	3	839	(+)	NNNNNNNWATGCAAATNNNWNNW	GATCACCA
M0013		0.7426				
5	V\$OCT1_01	55	841	(+)	NNNNWTATGCAAATNTNNN	TTGCACAGGCAAAGATCAC
M0016		0.8160				
2	V\$OCT1_06	16	844	(-)	CWNAWTKWSATRYN	CACAGGCAAAGATC
M0016		0.8164				
2	V\$OCT1_06	06	863	(-)	CWNAWTKWSATRYN	CAAATTTAACAATT
M0013		0.8090				CAATTTTGAGTCAAA-
8	V\$OCT1_04	76	872	(+)	NNNNNNNWATGCAAATNNNWNNW	TAAATCT
M0016		0.8421				
2	V\$OCT1_06	87	890	(+)	CWNAWTKWSATRYN	AATCTTGCCATTTA
M0016		0.8082				
2	V\$OCT1_06	03	905	(+)	CWNAWTKWSATRYN	AAATAATTGATTTC
M0016		0.8214				
2	V\$OCT1_06	84	906	(+)	CWNAWTKWSATRYN	AATAATTGATTTCA
M0013		0.8149				ATAATTGATTTCAAATTT-
8	V\$OCT1_04	31	907	(+)	NNNNNNNWATGCAAATNNNWNNW	GTAGA
M0016		0.8398				
2	V\$OCT1_06	44	912	(-)	CWNAWTKWSATRYN	TGATTTCAAATTTG
M0013		0.7835				ATTTCAAATTT-
8	V\$OCT1_04	63	914	(-)	NNNNNNNWATGCAAATNNNWNNW	GTAGATCTACAG
M0013		0.7848				TTTCAAATTT-
8	V\$OCT1_04	18	915	(+)	NNNNNNNWATGCAAATNNNWNNW	GTAGATCTACAGA
M0013		0.7758				
5	V\$OCT1_01	49	916	(-)	NNNNWTATGCAAATNTNNN	TTCAAATTTGTAGATCTAC
M0016		0.8214				
2	V\$OCT1_06	84	1021	(+)	CWNAWTKWSATRYN	ATCCATGGGATCTT
M0013		0.7401				
5	V\$OCT1_01	76	1058	(-)	NNNNWTATGCAAATNTNNN	TTGCCATTTCCACACTATT
M0013		0.8613				
7	V\$OCT1_03	2	1069	(-)	NNNRTAATNANNN	ACACTATTATATG
M0016		0.8710				
2	V\$OCT1_06	94	1070	(+)	CWNAWTKWSATRYN	CACTATTATATGTC
M0016		0.9503				
2	V\$OCT1_06	91	1076	(-)	CWNAWTKWSATRYN	TATATGTCAAAAAG
M0016		0.8699				
2	V\$OCT1_06	22	1167	(+)	CWNAWTKWSATRYN	GTTCCTGGGATTCT
M0016		0.8683				
2	V\$OCT1_06	59	1223	(-)	CWNAWTKWSATRYN	TGCATGAAAGTGAA
M0013		0.8017				GCATGAAAGTGAAAAAAG
8	V\$OCT1_04	57	1224	(+)	NNNNNNNWATGCAAATNNNWNNW	TTAA
M0016		0.8394				
2	V\$OCT1_06	53	1229	(-)	CWNAWTKWSATRYN	AAAGTGAAAAAAG
M0016		0.8777				
2	V\$OCT1_06	34	1307	(+)	CWNAWTKWSATRYN	ATCCATGGGATTTT
M0013		0.8212				AAAAAAGCATTAAAA-
8	V\$OCT1_04	05	1363	(+)	NNNNNNNWATGCAAATNNNWNNW	TAACTTTA
M0013		0.8063				AAAAAAGCATTAAAA-
8	V\$OCT1_04	57	1364	(-)	NNNNNNNWATGCAAATNNNWNNW	TAACTTTAT
M0019		0.8193				
5	V\$OCT1_Q6	23	1367	(+)	NNNNATGCAAATNAN	AAGCATTAAAAATAAC
M0016		0.9296				
2	V\$OCT1_06	88	1368	(-)	CWNAWTKWSATRYN	AGCATTAATAAAC
M0024		0.7986				
8	V\$OCT1_07	01	1370	(-)	TNTATGNTAATT	CATTAATAAAC

M0016		0.8058				
2	V\$OCT1_06	59	1377	(+)	CWNAWTKWSATRYN	ATAACTTTATTTC
M0016		0.8472				
2	V\$OCT1_06	66	1381	(+)	CWNAWTKWSATRYN	CTTTATTTCACTTT
M0013		0.7850				TATTTCACTTTTCAG-
8	V\$OCT1_04	27	1384	(-)	NNNNNNNNWATGCAAATNNNWNWNW	TTATTTGT
M0016		0.8214				
2	V\$OCT1_06	84	1389	(-)	CWNAWTKWSATRYN	CACTTTTCAGTTAT
M0013		0.7403				
5	V\$OCT1_01	66	1396	(-)	NNNNWTATGCAAATNTNNN	CAGTTATTTGTTTATGCAC
M0019		0.8116				
5	V\$OCT1_Q6	81	1398	(-)	NNNNATGCAAATNAN	GTTATTTGTTTATGC
M0013		0.8783				
7	V\$OCT1_03	09	1401	(-)	NNNRATATNANNN	ATTTGTTTATGCA
M0013		0.7891				
6	V\$OCT1_02	17	1403	(+)	NNGAATATKCANNNN	TTGTTTATGCACTGG
M0013		0.7842				
6	V\$OCT1_02	45	1427	(+)	NNGAATATKCANNNN	ATCGATATGTAGTCA
M0016		0.8296				
2	V\$OCT1_06	87	1452	(+)	CWNAWTKWSATRYN	GGGACTTATATGTG
M0016		0.8398				
2	V\$OCT1_06	44	1471	(-)	CWNAWTKWSATRYN	AGTATTAGAGATTG
M0016		0.8042				
2	V\$OCT1_06	97	1509	(-)	CWNAWTKWSATRYN	AAAATCTCGTTTGG
M0013		0.7834				
6	V\$OCT1_02	33	1522	(+)	NNGAATATKCANNNN	GTGGTTATTCTGTCA
M0016		0.8003				
2	V\$OCT1_06	91	1537	(+)	CWNAWTKWSATRYN	GGTTCAGTGATGTT
M0016		0.8046				
2	V\$OCT1_06	87	1599	(+)	CWNAWTKWSATRYN	CAGAGTGTTATTTT
M0019		0.8004				
5	V\$OCT1_Q6	91	1605	(-)	NNNNATGCAAATNAN	GTTATTTTCACCTGC
M0016		0.8214				
2	V\$OCT1_06	84	1613	(-)	CWNAWTKWSATRYN	CACCTGCCAATTCT
M0016		0.8062				
2	V\$OCT1_06	5	1660	(+)	CWNAWTKWSATRYN	CTCACTTGATTTTA
M0013		0.8465				TGTTGTTTTTTT-
8	V\$OCT1_04	08	1684	(-)	NNNNNNNNWATGCAAATNNNWNWNW	GCATTTCTGATG
M0013		0.7954				
5	V\$OCT1_01	98	1686	(-)	NNNNWTATGCAAATNTNNN	TTGTTTTTGCATTTCTGA
M0016		0.8777				
2	V\$OCT1_06	34	1688	(+)	CWNAWTKWSATRYN	GTTTTTGCATTTT
M0019		0.8943				
5	V\$OCT1_Q6	78	1688	(-)	NNNNATGCAAATNAN	GTTTTTGCATTTCT
M0013		0.7925				TAAGAAGAATT-
8	V\$OCT1_04	55	1722	(+)	NNNNNNNNWATGCAAATNNNWNWNW	GTAAAAAAAAT
M0013		0.7906				AAGAAGAATT-
8	V\$OCT1_04	73	1723	(+)	NNNNNNNNWATGCAAATNNNWNWNW	GTAAAAAAAATA
M0016		0.8292				
2	V\$OCT1_06	97	1741	(+)	CWNAWTKWSATRYN	AAATATGGCATTAT
M0016		0.8890				
2	V\$OCT1_06	62	1742	(-)	CWNAWTKWSATRYN	AATATGGCATTATT
M0013		0.8407				
7	V\$OCT1_03	74	1745	(-)	NNNRATATNANNN	ATGGCATTATTAG
M0013		0.8356				TGGCATTATTAG-
8	V\$OCT1_04	34	1746	(-)	NNNNNNNNWATGCAAATNNNWNWNW	TATAAACATCA
M0013		0.7922				
5	V\$OCT1_01	55	1748	(-)	NNNNWTATGCAAATNTNNN	GCATTATTAGTATAAACAT
M0013		0.8403				
7	V\$OCT1_03	79	1748	(-)	NNNRATATNANNN	GCATTATTAGTAT
M0019		0.8081				
5	V\$OCT1_Q6	33	1750	(-)	NNNNATGCAAATNAN	ATTATTAGTATAAAC
M0013		0.8314				TATTAGTATAAACATCAC-
8	V\$OCT1_04	51	1752	(-)	NNNNNNNNWATGCAAATNNNWNWNW	TATTT
M0024		0.8002				
8	V\$OCT1_07	97	1752	(-)	TNTATGNTAATT	TATTAGTATAAA

M0016		0.8601				
2	V\$OCT1_06	56	1762	(-)	CWNAWTKWSATRYN	AACATCACTATTTT
M0013		0.8055				ATCACTATTTTTCATCACTG-
8	V\$OCT1_04	21	1765	(-)	NNNNNNNWATGCAAATNNNWNNW	TAT
M0016		0.8214				
2	V\$OCT1_06	84	1804	(+)	CWNAWTKWSATRYN	GTACCTGACATAGC
M0013		0.8345				GAATAAGTGGGTAAATTAA-
8	V\$OCT1_04	88	1829	(+)	NNNNNNNWATGCAAATNNNWNNW	TAAA
M0013		0.8025				GTGGGTAAATTAATAAAA-
8	V\$OCT1_04	93	1835	(+)	NNNNNNNWATGCAAATNNNWNNW	TAAATT
M0024		0.7935				
8	V\$OCT1_07	13	1842	(-)	TNTATGNTAATT	AATTAATAAATA
M0013		0.8478				
7	V\$OCT1_03	86	1844	(+)	NNNRTAATNANNN	TTAATAAATAAAT
M0016		0.8093				
2	V\$OCT1_06	75	1846	(-)	CWNAWTKWSATRYN	AATAAATAAATTAG
M0013		0.7802				AAATAAATT-
8	V\$OCT1_04	17	1849	(-)	NNNNNNNWATGCAAATNNNWNNW	AGCCATTATACAT
M0016		0.8343				
2	V\$OCT1_06	75	1895	(-)	CWNAWTKWSATRYN	GGTATGCCCAAATG
M0016		0.8082				
2	V\$OCT1_06	03	1923	(-)	CWNAWTKWSATRYN	AGAACTAAGATTT
M0016		0.8347				
2	V\$OCT1_06	66	1924	(+)	CWNAWTKWSATRYN	GAACTAAGATTTT
M0016		0.8085				
2	V\$OCT1_06	94	1931	(+)	CWNAWTKWSATRYN	AGATTTACATTTT
M0016		0.8265				
2	V\$OCT1_06	62	1932	(-)	CWNAWTKWSATRYN	GATTTACATTTCC
M0016		0.8371				
2	V\$OCT1_06	09	1937	(-)	CWNAWTKWSATRYN	CACATTTCTTCTC
M0013		0.7864				CTCCAGAT-
8	V\$OCT1_04	91	1948	(-)	NNNNNNNWATGCAAATNNNWNNW	TTTACATTATGTTGT
M0013		0.7657				
5	V\$OCT1_01	38	1950	(-)	NNNNWTATGCAAATNTNNN	CCAGATTTTACATTATGTT
M0016		0.8214				
2	V\$OCT1_06	84	1952	(+)	CWNAWTKWSATRYN	AGATTTTACATTAT
M0016		0.8605				
2	V\$OCT1_06	47	1953	(-)	CWNAWTKWSATRYN	GATTTTACATTATG
M0024		0.7930				
8	V\$OCT1_07	89	1954	(-)	TNTATGNTAATT	ATTTTACATTAT
M0013		0.8553				
7	V\$OCT1_03	93	1956	(-)	NNNRTAATNANNN	TTTACATTATGTT
M0013		0.7979				ATTATGTT-
8	V\$OCT1_04	92	1961	(+)	NNNNNNNWATGCAAATNNNWNNW	GTGTTAATTTATTCT
M0013		0.7394				
5	V\$OCT1_01	12	1963	(+)	NNNNWTATGCAAATNTNNN	TATGTTGTGTTAATTTATT
M0024		0.8573				
8	V\$OCT1_07	25	1966	(+)	TNTATGNTAATT	GTTGTGTTAATT
M0019		0.7985				
5	V\$OCT1_Q6	81	1979	(+)	NNNNATGCAAATNAN	ATTCTTGTAAGAAC
M0013		0.8478				
7	V\$OCT1_03	86	1982	(+)	NNNRTAATNANNN	CTTGTAAGAAGACT
M0013		0.8502				
7	V\$OCT1_03	57	1991	(-)	NNNRTAATNANNN	AACTATTGTATT
M0013		0.7764				
5	V\$OCT1_01	21	1995	(+)	NNNNWTATGCAAATNTNNN	CATTGTATTCAAATCCATG
M0019		0.7953				
5	V\$OCT1_Q6	06	1997	(+)	NNNNATGCAAATNAN	TTGTATTCAAATCCA
M0016		0.8269				
2	V\$OCT1_06	53	1998	(-)	CWNAWTKWSATRYN	TGTATTCAAATCCA
M0024		0.8193				
8	V\$OCT1_07	77	1998	(+)	TNTATGNTAATT	TGTATTCAAATC
M0013		0.7750				
6	V\$OCT1_02	41	2020	(-)	NNGAATATKCANNNN	TCAATGAATCTACTT
M0013						
7	V\$OCT1_03	0.8629	2042	(-)	NNNRTAATNANNN	TCTTCATTGCCCT

M0024		0.7986				
8	V\$OCT1_07	01	2052	(+)	TNTATGNTAATT	CCTTTTCTAATT
M0013		0.7810				TTTTCTAATTATCATCTGAA-
8	V\$OCT1_04	54	2054	(-)	NNNNNNNWATGCAAATNNNWNW	GAT
M0013		0.8474				
7	V\$OCT1_03	91	2055	(+)	NNNRATAATNANN	TTTCTAATTATCA
M0013		0.9253				
7	V\$OCT1_03	26	2056	(-)	NNNRATAATNANN	TTCTAATTATCAT
M0016		0.8656				
1	V\$OCT1_05	82	2058	(+)	MKNATTTGCATAYY	CTAATTATCATCTG
M0016		0.8097				
2	V\$OCT1_06	66	2058	(+)	CWNAWTKWSATRYN	CTAATTATCATCTG
M0016						
2	V\$OCT1_06	0.9375	2074	(+)	CWNAWTKWSATRYN	GATAATTTAATACA
M0013		0.8366				ATAATTTAATACATAATTAA
8	V\$OCT1_04	79	2075	(+)	NNNNNNNWATGCAAATNNNWNW	TAA
M0016		0.8085				
2	V\$OCT1_06	94	2075	(-)	CWNAWTKWSATRYN	ATAATTTAATACAT
M0013		0.8909				
7	V\$OCT1_03	52	2084	(+)	NNNRATAATNANN	TACATAATTAATA
M0013		0.8739				
7	V\$OCT1_03	63	2085	(-)	NNNRATAATNANN	ACATAATTAATAA
M0013		0.8522				
7	V\$OCT1_03	32	2088	(+)	NNNRATAATNANN	TAATTAATAAGGA
M0013		0.8038				
5	V\$OCT1_01	92	2090	(+)	NNNNWTATGCAAATNTNN	ATTAATAAGGAAATATGTG
M0016		0.8421				
2	V\$OCT1_06	87	2093	(+)	CWNAWTKWSATRYN	AATAAGGAAATATG
M0016		0.8171				
2	V\$OCT1_06	87	2093	(-)	CWNAWTKWSATRYN	AATAAGGAAATATG
M0013		0.7720				
6	V\$OCT1_02	63	2098	(+)	NNGAATATKCANN	GGAAATATGTGATTA
M0016		0.8343				
2	V\$OCT1_06	75	2100	(+)	CWNAWTKWSATRYN	AAATATGTGATTAT
M0016		0.8328				
2	V\$OCT1_06	12	2101	(-)	CWNAWTKWSATRYN	AATATGTGATTATA
M0013		0.9328				
7	V\$OCT1_03	33	2104	(-)	NNNRATAATNANN	ATGTGATTATAAG
M0016		0.8472				
2	V\$OCT1_06	66	2132	(+)	CWNAWTKWSATRYN	ATTAATTAGCTTCT
M0016		0.8132				
2	V\$OCT1_06	81	2150	(-)	CWNAWTKWSATRYN	TATTTACAGGATC
M0013		0.8668				
7	V\$OCT1_03	51	2163	(+)	NNNRATAATNANN	CAAGTAAACATGA
M0016		0.8160				
2	V\$OCT1_06	16	2168	(+)	CWNAWTKWSATRYN	AAACATGAAGTTCT
M0016		0.8628				
2	V\$OCT1_06	91	2169	(-)	CWNAWTKWSATRYN	AACATGAAGTTCTT
M0016		0.8082				
2	V\$OCT1_06	03	2175	(+)	CWNAWTKWSATRYN	AAGTTCTTCATTTT
M0013		0.7837				TCTTCATTTTAC-
8	V\$OCT1_04	72	2179	(-)	NNNNNNNWATGCAAATNNNWNW	CTGCCTTTGTG
M0013		0.8648				
7	V\$OCT1_03	76	2182	(-)	NNNRATAATNANN	TCATTTTTACCTG
M0016		0.8628				
2	V\$OCT1_06	91	2183	(+)	CWNAWTKWSATRYN	CATTTTTACCTGCC
M0019		0.8294				
5	V\$OCT1_Q6	21	2208	(+)	NNNNATGCAAATNAN	GCCCTTGCAAAGCAT
M0013		0.7361				
5	V\$OCT1_01	69	2215	(+)	NNNNWTATGCAAATNTNN	CAAAGCATGTAAGTATAAT
M0016		0.8968				
2	V\$OCT1_06	75	2218	(-)	CWNAWTKWSATRYN	AGCATGTAAGTATA
M0013		0.9146				
7	V\$OCT1_03	58	2226	(+)	NNNRATAATNANN	AGTATAATAAGAT
M0016						
2	V\$OCT1_06	0.825	2228	(+)	CWNAWTKWSATRYN	TATAATAAGATACA

M0013		0.7927				ATAATAAGATACAGATGA-
8	V\$OCT1_04	65	2229	(+)	NNNNNNNWATGCAAATNNNWNNW	TAATA
M0013		0.8011				AGATACAGATGA-
8	V\$OCT1_04	29	2235	(+)	NNNNNNNWATGCAAATNNNWNNW	TAATATATTAT
M0013		0.7514				
5	V\$OCT1_01	31	2237	(+)	NNNNWTATGCAAATNTNNN	ATACAGATGATAATATATT
M0013		0.8881				AATATATTATGTAAA-
8	V\$OCT1_04	22	2248	(+)	NNNNNNNWATGCAAATNNNWNNW	TATAAGAA
M0013		0.8727				
5	V\$OCT1_01	58	2250	(+)	NNNNWTATGCAAATNTNNN	TATATTATGTAAATATAAG
M0016		0.8394				
2	V\$OCT1_06	53	2253	(+)	CWNAWTKWSATRYN	ATTATGTAAATATA
M0016						
2	V\$OCT1_06	0.825	2253	(-)	CWNAWTKWSATRYN	ATTATGTAAATATA
M0024		0.8471				
8	V\$OCT1_07	49	2253	(+)	TNTATGNTAATT	ATTATGTAAATA
M0013		0.7804				TTATGTAAATATAAGAA-
8	V\$OCT1_04	27	2254	(+)	NNNNNNNWATGCAAATNNNWNNW	TATTAA
M0013		0.8514				
7	V\$OCT1_03	42	2255	(+)	NNNRTAATNANNN	TATGTAAATATAA
M0013		0.8573				TGTAAATATAAGAA-
8	V\$OCT1_04	82	2257	(-)	NNNNNNNWATGCAAATNNNWNNW	TATTAAATT
M0013		0.7502				
5	V\$OCT1_01	86	2259	(-)	NNNNWTATGCAAATNTNNN	TAAATATAAGAATATTA
M0013		0.7954				ATATAAGAATATTA
8	V\$OCT1_04	83	2262	(+)	NNNNNNNWATGCAAATNNNWNNW	TTTAA
M0013		0.8624				
6	V\$OCT1_02	8	2263	(-)	NNGAATATKCANNNN	TATAAGAATATTA
M0013		0.8386				
6	V\$OCT1_02	57	2266	(+)	NNGAATATKCANNNN	AAGAATATTA
M0016		0.8292				
2	V\$OCT1_06	97	2268	(+)	CWNAWTKWSATRYN	GAATATTA
M0016		0.9246				
2	V\$OCT1_06	09	2269	(-)	CWNAWTKWSATRYN	AATATTA
M0013		0.8755				
7	V\$OCT1_03	43	2276	(-)	NNNRTAATNANNN	AATTGTTTATGAG
M0013		0.8435				
7	V\$OCT1_03	4	2287	(+)	NNNRTAATNANNN	AGGATAATGTCAG
M0013		0.7816				GAGAGGAAGTG-
8	V\$OCT1_04	81	2319	(+)	NNNNNNNWATGCAAATNNNWNNW	TATAAATTTTGA
M0013		0.7906				TGTATAAATTTTGAAAC-
8	V\$OCT1_04	73	2328	(-)	NNNNNNNWATGCAAATNNNWNNW	CTATAA
M0013		0.8664				
7	V\$OCT1_03	56	2344	(+)	NNNRTAATNANNN	CCTATAATCAAAG
M0016		0.8265				
2	V\$OCT1_06	62	2346	(-)	CWNAWTKWSATRYN	TATAATCAAAGATG
M0013		0.7953				
5	V\$OCT1_01	07	2370	(+)	NNNNWTATGCAAATNTNNN	TGCCTTATGTAAGTTATGA
M0016		0.8476				
2	V\$OCT1_06	56	2373	(-)	CWNAWTKWSATRYN	CTTATGTAAGTTAT
M0024		0.8217				
8	V\$OCT1_07	09	2373	(+)	TNTATGNTAATT	CTTATGTAAGTT
M0013		0.7973				TACACTTCTTCCA-
8	V\$OCT1_04	65	2465	(-)	NNNNNNNWATGCAAATNNNWNNW	TAAACATTT
M0013		0.8015				TTCTTCCATAAACATTT-
8	V\$OCT1_04	47	2471	(-)	NNNNNNNWATGCAAATNNNWNNW	GAATTT
M0013		0.8652				
7	V\$OCT1_03	71	2475	(+)	NNNRTAATNANNN	TCCATAAACATTT
M0013		0.7659				
5	V\$OCT1_01	29	2479	(-)	NNNNWTATGCAAATNTNNN	TAAACATTTGAATTTACTG
M0016		0.8210				
2	V\$OCT1_06	94	2480	(+)	CWNAWTKWSATRYN	AAACATTTGAATTT
M0016		0.8910				
2	V\$OCT1_06	16	2481	(+)	CWNAWTKWSATRYN	AACATTTGAATTTA
M0016		0.8121				
2	V\$OCT1_06	09	2481	(-)	CWNAWTKWSATRYN	AACATTTGAATTTA

M0019		0.7928				
5	V\$OCT1_Q6	49	2481	(-)	NNNNATGCAAATNAN	AACATTTGAATTTAC
M0013		0.7934				
6	V\$OCT1_02	49	2483	(-)	NNGAATATKCANNNN	CATTTGAATTTACTG
M0016		0.8343				
2	V\$OCT1_06	75	2502	(+)	CWNAWTKWSATRYN	AATATTTTCACTCC
M0016		0.8082				
2	V\$OCT1_06	03	2529	(-)	CWNAWTKWSATRYN	TAAAAAGTAAGAAAC
M0013		0.8423				
7	V\$OCT1_03	55	2548	(+)	NNNRATAATNANNN	ACCATAACAAGGA
M0016		0.8394				
2	V\$OCT1_06	53	2561	(+)	CWNAWTKWSATRYN	CTTCTTTTAAAGTT
M0013		0.7858				CAGAGAAAATGTAGAT-
8	V\$OCT1_04	64	2586	(+)	NNNNNNNWATGCAAATNNNWNW	TCCCAA
M0013		0.7831				
6	V\$OCT1_02	62	2588	(+)	NNGAATATKCANNNN	GAGAAAATGTAGATT
M0019		0.8335				
5	V\$OCT1_Q6	15	2590	(+)	NNNNATGCAAATNAN	GAAAATGTAGATTCC
M0016		0.8343				
2	V\$OCT1_06	75	2591	(+)	CWNAWTKWSATRYN	AAAATGTAGATTCC
M0016		0.8343				
2	V\$OCT1_06	75	2591	(-)	CWNAWTKWSATRYN	AAAATGTAGATTCC
M0024		0.7930				
8	V\$OCT1_07	89	2591	(+)	TNTATGNTAATT	AAAATGTAGATT
M0016		0.8003				
2	V\$OCT1_06	91	2610	(-)	CWNAWTKWSATRYN	CATCTCTCAAGCAT
M0013		0.7804				
6	V\$OCT1_02	55	2618	(+)	NNGAATATKCANNNN	AAGCATATGTCAGAA
M0016		0.9062				
2	V\$OCT1_06	5	2621	(-)	CWNAWTKWSATRYN	CATATGTCAGAATT
M0016		0.8253				
2	V\$OCT1_06	91	2628	(+)	CWNAWTKWSATRYN	CAGAATTTCATCAT
M0016						
2	V\$OCT1_06	0.85	2629	(-)	CWNAWTKWSATRYN	AGAATTTCATCATT
M0016		0.8660				
2	V\$OCT1_06	16	2669	(+)	CWNAWTKWSATRYN	CATACTTTGATAGG
M0016		0.8214				
2	V\$OCT1_06	84	2682	(+)	CWNAWTKWSATRYN	GAAACAGGGATGTG
M0013		0.8411				
7	V\$OCT1_03	69	2740	(+)	NNNRATAATNANNN	GTGGTAAAGAATC
M0016		0.8476				
2	V\$OCT1_06	56	2795	(-)	CWNAWTKWSATRYN	AAGATCCCATGGAG
M0016		0.8160				
2	V\$OCT1_06	16	2880	(+)	CWNAWTKWSATRYN	GGCCATGAGTTGCA
M0016		0.8136				
2	V\$OCT1_06	72	2928	(+)	CWNAWTKWSATRYN	CAACTTTGAAAATG
M0019		0.8266				
5	V\$OCT1_Q6	92	2929	(+)	NNNNATGCAAATNAN	AACTTTGAAAATGAC
M0016		0.8707				
2	V\$OCT1_06	03	2935	(+)	CWNAWTKWSATRYN	GAAAATGACTTGCC
M0013		0.8086				ATAAC-
8	V\$OCT1_04	57	2951	(+)	NNNNNNNWATGCAAATNNNWNW	CTAATGCAAAGTCAACCC
M0013		0.7846				
5	V\$OCT1_01	24	2953	(+)	NNNNWTATGCAAATNTNNN	AACCTAATGCAAAGTCAAC
M0019		0.8021				
5	V\$OCT1_Q6	29	2955	(+)	NNNNATGCAAATNAN	CCTAATGCAAAGTCA
M0016		0.8214				
2	V\$OCT1_06	84	2968	(+)	CWNAWTKWSATRYN	CAACCCTTCATTTT
M0016		0.8265				
2	V\$OCT1_06	62	3008	(+)	CWNAWTKWSATRYN	GTTACAGAAATATT
M0013		0.8421				
6	V\$OCT1_02	77	3010	(-)	NNGAATATKCANNNN	TACAGAAATATTCAT
M0013		0.8015				TACAGAAATATTCAT-
8	V\$OCT1_04	47	3010	(-)	NNNNNNNWATGCAAATNNNWNW	ATCATACA
M0013		0.8523				ACAGAAATATTCATATCAT-
8	V\$OCT1_04	63	3011	(+)	NNNNNNNWATGCAAATNNNWNW	ACAG

M0013		0.7624				
5	V\$OCT1_01	95	3012	(-)	NNNNWTATGCAAATNTNNN	CAGAAATATTCATATCATA
M0013		0.7346				
5	V\$OCT1_01	43	3013	(+)	NNNNWTATGCAAATNTNNN	AGAAATATTCATATCATAC
M0013		0.9068				
6	V\$OCT1_02	76	3013	(+)	NNGAATATKCANNNN	AGAAATATTCATATC
M0016		0.8472				
2	V\$OCT1_06	66	3014	(+)	CWNAWTKWSATRYN	GAAATATTCATATC
M0016		0.8058				
2	V\$OCT1_06	59	3016	(-)	CWNAWTKWSATRYN	AATATTCATATCAT
M0016		0.8472				
2	V\$OCT1_06	66	3019	(+)	CWNAWTKWSATRYN	ATTCATATCATACA
M0013		0.8589				
7	V\$OCT1_03	49	3033	(+)	NNNRTAATNANNN	GTGATAAAGAAGG
M0019		0.7961				
5	V\$OCT1_Q6	24	3051	(-)	NNNNATGCAAATNAN	ATGCTTCACATGAAG
M0016		0.8601				
2	V\$OCT1_06	56	3052	(-)	CWNAWTKWSATRYN	TGCTTCACATGAAG
M0016		0.8214				
2	V\$OCT1_06	84	3135	(+)	CWNAWTKWSATRYN	CAGCCTGTGCTGCC
M0016		0.8398				
2	V\$OCT1_06	44	3182	(+)	CWNAWTKWSATRYN	CAGATTGGGCTTCT
M0016		0.8554				
2	V\$OCT1_06	69	3220	(+)	CWNAWTKWSATRYN	CTGCTGCCATGCT
M0016						
2	V\$OCT1_06	0.85	3221	(-)	CWNAWTKWSATRYN	TGCCTGCCATGCTG
M0016		0.8070				
2	V\$OCT1_06	31	3312	(+)	CWNAWTKWSATRYN	GAGAATTCCATGGA
M0016		0.8648				
2	V\$OCT1_06	44	3313	(-)	CWNAWTKWSATRYN	AGAATTCCATGGAC
M0016		0.9246				
2	V\$OCT1_06	09	3356	(+)	CWNAWTKWSATRYN	GATACTTTCATTCA
M0005		0.8060				
9	V\$YY1_01	29	20	(+)	NNNNNCCATNTWNNNWN	TGTCTTCCTTTTAGGAA
M0005		0.8292				
9	V\$YY1_01	92	46	(+)	NNNNNCCATNTWNNNWN	TATTTTCATTATCTTT
M0005		0.7824				
9	V\$YY1_01	38	97	(+)	NNNNNCCATNTWNNNWN	TAATAGCATTGTTCCAA
M0005		0.8079				
9	V\$YY1_01	95	488	(+)	NNNNNCCATNTWNNNWN	GTTTCTCATTATCAAC
M0005		0.8070				
9	V\$YY1_01	12	509	(+)	NNNNNCCATNTWNNNWN	TAAAAACATTTATTTAA
M0005		0.8122				
9	V\$YY1_01	54	539	(+)	NNNNNCCATNTWNNNWN	TTTGTCCATGTTCCAGT
M0005		0.7726				
9	V\$YY1_01	08	559	(-)	NNNNNCCATNTWNNNWN	TTTCATCCATGGAAAAT
M0005		0.7984				
9	V\$YY1_01	93	608	(-)	NNNNNCCATNTWNNNWN	TATACATAATGAACCTA
M0005		0.7909				
9	V\$YY1_01	57	677	(+)	NNNNNCCATNTWNNNWN	CATTGTCATTATGAAAT
M0005		0.7732				
9	V\$YY1_01	63	679	(-)	NNNNNCCATNTWNNNWN	TTGTCATTATGAAATGC
M0005		0.7942				
9	V\$YY1_01	33	684	(-)	NNNNNCCATNTWNNNWN	ATTATGAAATGCTTATA
M0005		0.7925				
9	V\$YY1_01	95	738	(-)	NNNNNCCATNTWNNNWN	AAGAATATCTGGGATTC
M0005		0.7935				
9	V\$YY1_01	78	813	(+)	NNNNNCCATNTWNNNWN	AATTTCCATGCATACAC
M0005		0.8836				
9	V\$YY1_01	83	892	(+)	NNNNNCCATNTWNNNWN	TCTTGCCATTTAAAAAT
M0005		0.8024				
9	V\$YY1_01	25	1017	(-)	NNNNNCCATNTWNNNWN	CTCCATCCATGGGATCT
M0005		0.8643				
9	V\$YY1_01	51	1056	(+)	NNNNNCCATNTWNNNWN	GGTTGCCATTTCCACAC
M0005		0.7719				
9	V\$YY1_01	53	1133	(+)	NNNNNCCATNTWNNNWN	TGACCCCATACACAGCA

M0006		0.7636				
9	V\$YY1_02	56	1145	(+)	NNNCGGCCATCTTGNCTSNW	CAGCAGCCCACTAGGCTCCT
M0005		0.7830				
9	V\$YY1_01	93	1202	(+)	NNNNNCCATNTWNNNWN	GGTTGCCATTTCTTCT
M0005		0.8132				
9	V\$YY1_01	37	1303	(-)	NNNNNCCATNTWNNNWN	CTCCATCCATGGGATTT
M0005		0.7732				
9	V\$YY1_01	63	1545	(+)	NNNNNCCATNTWNNNWN	GATGTTCACTGATGCTC
M0005		0.8594				
9	V\$YY1_01	36	1644	(+)	NNNNNCCATNTWNNNWN	AGGCTCCATGTTTTGGC
M0005		0.8653				
9	V\$YY1_01	34	1737	(-)	NNNNNCCATNTWNNNWN	AAAAAAATATGGCATT
M0005		0.8040				
9	V\$YY1_01	63	1764	(+)	NNNNNCCATNTWNNNWN	CATCACTATTTTTCATC
M0005		0.8286				
9	V\$YY1_01	37	1855	(+)	NNNNNCCATNTWNNNWN	ATTAGCCATTTATACAT
M0005		0.7883				
9	V\$YY1_01	36	1898	(-)	NNNNNCCATNTWNNNWN	ATGCCCAAATGAGCCTC
M0005		0.7703				
9	V\$YY1_01	15	1945	(+)	NNNNNCCATNTWNNNWN	CTTCTCCAGATTTTACA
M0005		0.8145				
9	V\$YY1_01	48	2015	(-)	NNNNNCCATNTWNNNWN	GTTTATCAATGAATCTA
M0006		0.7581				
9	V\$YY1_02	22	2037	(-)	NNNCGGCCATCTTGNCTSNW	ATCAGTCTTCATTGCCCTTT
M0005		0.8220				
9	V\$YY1_01	84	2046	(+)	NNNNNCCATNTWNNNWN	CATTGCCCTTTTCTAAT
M0005		0.7863				
9	V\$YY1_01	7	2096	(-)	NNNNNCCATNTWNNNWN	AAGGAAATATGTGATTA
M0005		0.7785				
9	V\$YY1_01	06	2119	(-)	NNNNNCCATNTWNNNWN	GAGTAAACTGTTATTA
M0005		0.8695				
9	V\$YY1_01	94	2164	(-)	NNNNNCCATNTWNNNWN	AAGTAAACATGAAGTTC
M0005		0.8089				
9	V\$YY1_01	78	2177	(+)	NNNNNCCATNTWNNNWN	GTTCTTCATTTTACCT
M0005		0.7755				
9	V\$YY1_01	57	2214	(+)	NNNNNCCATNTWNNNWN	GCAAAGCATGTAAGTAT
M0006		0.8639				
9	V\$YY1_02	77	2347	(-)	NNNCGGCCATCTTGNCTSNW	ATAATCAAAGATGGCCTTGG
M0005		0.9053				
9	V\$YY1_01	08	2349	(-)	NNNNNCCATNTWNNNWN	AATCAAAGATGGCCTTG
M0005		0.8165				
9	V\$YY1_01	14	2383	(-)	NNNNNCCATNTWNNNWN	TTATGAAGATGGACAAA
M0005		0.7745				
9	V\$YY1_01	74	2535	(-)	NNNNNCCATNTWNNNWN	TAAGAAACATGAAACCA
M0005		0.8361				
9	V\$YY1_01	73	2586	(-)	NNNNNCCATNTWNNNWN	CAGAGAAAATGTAGATT
M0005		0.8574				
9	V\$YY1_01	71	2604	(+)	NNNNNCCATNTWNNNWN	CCAAACCATCTCTCAAG
M0005		0.8348				
9	V\$YY1_01	62	2663	(+)	NNNNNCCATNTWNNNWN	AACAACCATACTTTGAT
M0005		0.7830				
9	V\$YY1_01	93	2807	(-)	NNNNNCCATNTWNNNWN	AGAAGGAAATGGCAACC
M0005		0.8718				
9	V\$YY1_01	87	2931	(-)	NNNNNCCATNTWNNNWN	CTTTGAAAATGACTTGC
M0005		0.8178				
9	V\$YY1_01	24	2970	(+)	NNNNNCCATNTWNNNWN	ACCCTTCATTTCTCAAA
M0005		0.7958				
9	V\$YY1_01	72	3021	(+)	NNNNNCCATNTWNNNWN	TCATATCATACAGTGAT
M0005		0.7837				
9	V\$YY1_01	48	3176	(+)	NNNNNCCATNTWNNNWN	TCAGTTCAGATTGGGCT
M0006		0.7915				
9	V\$YY1_02	03	3221	(+)	NNNCGGCCATCTTGNCTSNW	TGCCTGCCATGCTGGAGACG
M0005		0.7807				
9	V\$YY1_01	99	3224	(-)	NNNNNCCATNTWNNNWN	CTGCCATGCTGGAGACG
M0005		0.7804				
9	V\$YY1_01	72	3314	(+)	NNNNNCCATNTWNNNWN	GAATTCCATGGACTACA

M0006		0.7791				CACAGTCCAGAGGGTT-
9	V\$Y1_02	86	3329	(-)	NNNCGGCCATCTTGNCTSNW	GCAA
CSN2 <i>Ovis Aries</i>						
M0025						
2	V\$TATA_01	0.77899	60	(+)	STATAAAWRNNNNNN	AGATATAATTTTCAGT
M0025		0.77721				
2	V\$TATA_01	4	62	(+)	STATAAAWRNNNNNN	ATATAATTTTCAGTGT
M0021		0.79033				
6	V\$TATA_C	5	104	(+)	NCTATAAAAR	AGGTTAAAAAT
M0021		0.78452				
6	V\$TATA_C	6	120	(+)	NCTATAAAAR	AGAATATAAT
M0025		0.78736				
2	V\$TATA_01	4	121	(+)	STATAAAWRNNNNNN	GAATATAATTGCTTA
M0025		0.78000				
2	V\$TATA_01	5	123	(+)	STATAAAWRNNNNNN	ATATAATTGCTTAAA
M0021		0.88354				
6	V\$TATA_C	9	130	(+)	NCTATAAAAR	TGCTTAAAAAT
M0021		0.85555				
6	V\$TATA_C	8	142	(+)	NCTATAAAAR	ATCTTAAAAA
M0021		0.82360				
6	V\$TATA_C	7	143	(+)	NCTATAAAAR	TCTTAAAAAT
M0025		0.78431				
2	V\$TATA_01	9	143	(+)	STATAAAWRNNNNNN	TCTTAAAAATAAGGG
M0025		0.77873				
2	V\$TATA_01	6	145	(+)	STATAAAWRNNNNNN	TTAAAAATAAGGGTG
M0021		0.78901				
6	V\$TATA_C	5	158	(+)	NCTATAAAAR	TGTTTAAGAT
M0021		0.76947				
6	V\$TATA_C	5	193	(+)	NCTATAAAAR	ATGTTAAAAA
M0021		0.80644				
6	V\$TATA_C	3	194	(+)	NCTATAAAAR	TGTTAAAAAA
M0021		0.76445				
6	V\$TATA_C	7	195	(+)	NCTATAAAAR	GTAAAAAAAT
M0021		0.85951				
6	V\$TATA_C	9	212	(+)	NCTATAAAAR	ACTATAAAGA
M0025		0.82720				
2	V\$TATA_01	1	213	(+)	STATAAAWRNNNNNN	CTATAAAGATTTGAT
M0021		0.80221				
6	V\$TATA_C	8	223	(+)	NCTATAAAAR	TTGATAAAAA
M0021		0.77977				
6	V\$TATA_C	3	256	(+)	NCTATAAAAR	GGAATATAAT
M0025		0.82263				
2	V\$TATA_01	4	257	(+)	STATAAAWRNNNNNN	GAATATAATAAGATG
M0021		0.74465				
6	V\$TATA_C	3	258	(+)	NCTATAAAAR	AATATAATAA
M0025		0.80512				
2	V\$TATA_01	6	259	(+)	STATAAAWRNNNNNN	ATATAATAAGATGTA
M0021		0.81462				
6	V\$TATA_C	9	293	(+)	NCTATAAAAR	TCTTTAACAC
M0021		0.83205				
6	V\$TATA_C	7	320	(+)	NCTATAAAAR	TGTATTAAAA
M0021		0.80908				
6	V\$TATA_C	4	321	(+)	NCTATAAAAR	GTATTAAAAG
M0025						
2	V\$TATA_01	0.86171	321	(+)	STATAAAWRNNNNNN	GTATTAAAAGATCTT
M0021		0.83865				
6	V\$TATA_C	9	377	(+)	NCTATAAAAR	GCCATAAAGG
M0025		0.84039				
2	V\$TATA_01	6	378	(+)	STATAAAWRNNNNNN	CCATAAAGGCAAGCA
M0021		0.78558				
6	V\$TATA_C	2	443	(+)	NCTATAAAAR	CCAACAAAAA
M0025						
2	V\$TATA_01	0.85968	453	(+)	STATAAAWRNNNNNN	GTTTATAGAGCTAGC
M0025		0.77670				
2	V\$TATA_01	6	466	(+)	STATAAAWRNNNNNN	GCATATTTAGTCAAG

M0025		0.82136				
2	V\$TATA_01	5	481	(+)	STATAAAWRNNNNNNN	AGATAAGAGGGTTG
M0025						
2	V\$TATA_01	0.81629	499	(+)	STATAAAWRNNNNNNN	GGATATATATGCTAT
M0025		0.84445				
2	V\$TATA_01	6	501	(+)	STATAAAWRNNNNNNN	ATATATATGCTATTT
M0025		0.82136				
2	V\$TATA_01	5	521	(+)	STATAAAWRNNNNNNN	GTATTTATAAAAGAA
M0021		0.78373				
6	V\$TATA_C	4	522	(+)	NCTATAAAAR	TATTTATAAA
M0025		0.84876				
2	V\$TATA_01	9	523	(+)	STATAAAWRNNNNNNN	ATTTATAAAAGAAGA
M0021		0.92711				
6	V\$TATA_C	9	524	(+)	NCTATAAAAR	TTTATAAAAG
M0025		0.90433				
2	V\$TATA_01	9	525	(+)	STATAAAWRNNNNNNN	TTATAAAAGAAGAGT
M0025		0.81324				
2	V\$TATA_01	5	538	(+)	STATAAAWRNNNNNNN	GTATATTTATCAAAA
M0025		0.78457				
2	V\$TATA_01	2	540	(+)	STATAAAWRNNNNNNN	ATATTTATCAAAATT
M0021		0.79376				
6	V\$TATA_C	8	543	(+)	NCTATAAAAR	TTTATCAAAA
M0021		0.77369				
6	V\$TATA_C	9	588	(+)	NCTATAAAAR	ATCTTATAAT
M0021		0.77581				
6	V\$TATA_C	2	590	(+)	NCTATAAAAR	CTTATAATAT
M0021		0.76102				
6	V\$TATA_C	5	598	(+)	NCTATAAAAR	ATTTCAAAAA
M0021		0.74465				
6	V\$TATA_C	3	606	(+)	NCTATAAAAR	AATATTAAAA
M0021		0.78505				
6	V\$TATA_C	4	607	(+)	NCTATAAAAR	ATATTAAAAAT
M0025		0.84673				
2	V\$TATA_01	9	607	(+)	STATAAAWRNNNNNNN	ATATTAAAAATAGATA
M0025		0.78025				
2	V\$TATA_01	9	638	(+)	STATAAAWRNNNNNNN	AAATTAAAGAGAAAAG
M0021		0.82017				
6	V\$TATA_C	4	663	(+)	NCTATAAAAR	GGTAAAAAAA
M0025		0.78025				
2	V\$TATA_01	9	664	(+)	STATAAAWRNNNNNNN	GTAAAAAAAAAATTC
M0021		0.77898				
6	V\$TATA_C	1	710	(+)	NCTATAAAAR	ACAATGAAAA
M0021		0.88909				
6	V\$TATA_C	4	769	(+)	NCTATAAAAR	GGCTTAAAAA
M0021		0.81172				
6	V\$TATA_C	4	770	(+)	NCTATAAAAR	GCTTAAAAAT
M0025		0.78787				
2	V\$TATA_01	1	770	(+)	STATAAAWRNNNNNNN	GCTTAAAAATTGGTA
M0021						
6	V\$TATA_C	0.87774	781	(+)	NCTATAAAAR	GGTATATAAA
M0025		0.88277				
2	V\$TATA_01	1	782	(+)	STATAAAWRNNNNNNN	GTATATAAAATGCTA
M0021		0.85635				
6	V\$TATA_C	1	783	(+)	NCTATAAAAR	TATATAAAAT
M0025		0.90230				
2	V\$TATA_01	9	784	(+)	STATAAAWRNNNNNNN	ATATAAAATGCTAGT
M0021		0.88645				
6	V\$TATA_C	4	797	(+)	NCTATAAAAR	GTTATAAAAT
M0025		0.82263				
2	V\$TATA_01	4	798	(+)	STATAAAWRNNNNNNN	TTATAAAATAAACAA
M0021						
6	V\$TATA_C	0.7568	816	(+)	NCTATAAAAR	GCAATAATAT
M0021		0.90097				
6	V\$TATA_C	7	877	(+)	NCTATAAAAR	ACAATAAAAA
M0025		0.77619				
2	V\$TATA_01	9	878	(+)	STATAAAWRNNNNNNN	CAATAAAAAATTTTT

M0021		0.74359				
6	V\$TATA_C	7	889	(+)	NCTATAAAAR	TTTTAGAAC
M0021		0.76947				
6	V\$TATA_C	5	897	(+)	NCTATAAAAR	ACTTTATAGA
M0025		0.80360				
2	V\$TATA_01	3	898	(+)	STATAAAWRNNNNNN	CTTTATAGACATCTT
M0025		0.80030				
2	V\$TATA_01	4	913	(+)	STATAAAWRNNNNNN	GAATAAAGTGAAACA
M0021		0.74650				
6	V\$TATA_C	1	953	(+)	NCTATAAAAR	AATATAGAAA
M0021		0.75178				
6	V\$TATA_C	2	955	(+)	NCTATAAAAR	TATAGAAAAA
M0021		0.79931				
6	V\$TATA_C	3	977	(+)	NCTATAAAAR	AGTTTGAAAA
M0025		0.78863				
2	V\$TATA_01	2	978	(+)	STATAAAWRNNNNNN	GTTTGAAAATCTGGG
M0021		0.74914				
6	V\$TATA_C	2	1045	(+)	NCTATAAAAR	AACTTATAAA
M0021		0.91523				
6	V\$TATA_C	6	1047	(+)	NCTATAAAAR	CTTATAAAAA
M0025		0.90002				
2	V\$TATA_01	5	1048	(+)	STATAAAWRNNNNNN	TTATAAAAATGCAAC
M0025		0.77112				
2	V\$TATA_01	4	1050	(+)	STATAAAWRNNNNNN	ATAAAAAATGCAACAA
M0021		0.74782				
6	V\$TATA_C	1	1058	(+)	NCTATAAAAR	GCAACAAAAC
M0021		0.75019				
6	V\$TATA_C	8	1070	(+)	NCTATAAAAR	ACCATTTAAT
M0025		0.79599				
2	V\$TATA_01	1	1185	(+)	STATAAAWRNNNNNN	AGATAAGTACACAGT
M0025		0.78558				
2	V\$TATA_01	7	1201	(+)	STATAAAWRNNNNNN	CTATGTAGAGAAAAT
M0021		0.85740				
6	V\$TATA_C	7	1231	(+)	NCTATAAAAR	TCTCTAAAAT
M0021		0.75917				
6	V\$TATA_C	6	1316	(+)	NCTATAAAAR	CCAAGAAAAC
M0021		0.79271				
6	V\$TATA_C	2	1382	(+)	NCTATAAAAR	GAAATAAAAG
M0025		0.78051				
2	V\$TATA_01	3	1383	(+)	STATAAAWRNNNNNN	AAATAAAAGATATGA
M0025						
2	V\$TATA_01	0.78102	1392	(+)	STATAAAWRNNNNNN	ATATGAATAAGACAA
M0021		0.76630				
6	V\$TATA_C	6	1410	(+)	NCTATAAAAR	TTCATGAAAA
M0021		0.74306				
6	V\$TATA_C	8	1411	(+)	NCTATAAAAR	TCATGAAAAT
M0021		0.75310				
6	V\$TATA_C	3	1440	(+)	NCTATAAAAR	AAGATAAAAA
M0025		0.83836				
2	V\$TATA_01	6	1441	(+)	STATAAAWRNNNNNN	AGATAAAAAATAAAGT
M0021		0.75970				
6	V\$TATA_C	4	1494	(+)	NCTATAAAAR	TCAAGAAAAC
M0021		0.89622				
6	V\$TATA_C	4	1575	(+)	NCTATAAAAR	GCAATAAAAA
M0025		0.80131				
2	V\$TATA_01	9	1576	(+)	STATAAAWRNNNNNN	CAATAAAAAATAATAA
M0025		0.78203				
2	V\$TATA_01	5	1585	(+)	STATAAAWRNNNNNN	TAATAAATATATATT
M0025		0.77163				
2	V\$TATA_01	2	1591	(+)	STATAAAWRNNNNNN	ATATATATTTTTTAA
M0021		0.76815				
6	V\$TATA_C	4	1599	(+)	NCTATAAAAR	TTTTTAATAA
M0021		0.75283				
6	V\$TATA_C	9	1630	(+)	NCTATAAAAR	TCTGTAAATA
M0025						
2	V\$TATA_01	0.78508	1631	(+)	STATAAAWRNNNNNN	CTGTAAATATCTGTA

M0021		0.77105				
6	V\$TATA_C	9	1725	(+)	NCTATAAAAR	AGCAGAAAAC
M0021		0.74544				
6	V\$TATA_C	5	1806	(+)	NCTATAAAAR	GCCATATGAT
M0021						
6	V\$TATA_C	0.77766	1811	(+)	NCTATAAAAR	ATGATAAAAT
M0021		0.74201				
6	V\$TATA_C	2	1820	(+)	NCTATAAAAR	TGTTTATTAA
M0021		0.78452				
6	V\$TATA_C	6	1834	(+)	NCTATAAAAR	TTTCTAAAT
M0021		0.74914				
6	V\$TATA_C	2	1964	(+)	NCTATAAAAR	TCCTTGTAAG
M0025		0.78152				
2	V\$TATA_01	8	1987	(+)	STATAAAWRNNNNNN	ACTTAAATAAGAAAA
M0021		0.74016				
6	V\$TATA_C	4	1988	(+)	NCTATAAAAR	CTTAAATAAG
M0025		0.80436				
2	V\$TATA_01	4	2132	(+)	STATAAAWRNNNNNN	AAATAAAATAAGACTA
M0025		0.78381				
2	V\$TATA_01	1	2134	(+)	STATAAAWRNNNNNN	ATAAATAAGACTAGT
M0021		0.81462				
6	V\$TATA_C	9	2163	(+)	NCTATAAAAR	TGTAGAAAAAT
M0025		0.81349				
2	V\$TATA_01	9	2164	(+)	STATAAAWRNNNNNN	GTAGAAAAATCGCATT
M0021		0.77053				
6	V\$TATA_C	1	2185	(+)	NCTATAAAAR	ATCATAAATG
M0025		0.80208				
2	V\$TATA_01	1	2186	(+)	STATAAAWRNNNNNN	TCATAAATGTATAAA
M0021		0.83205				
6	V\$TATA_C	7	2193	(+)	NCTATAAAAR	TGTATAAATA
M0025		0.88708				
2	V\$TATA_01	4	2194	(+)	STATAAAWRNNNNNN	GTATAAATAATGCAC
M0021		0.74412				
6	V\$TATA_C	5	2231	(+)	NCTATAAAAR	GCTAAGAAAAG
M0021		0.74597				
6	V\$TATA_C	3	2337	(+)	NCTATAAAAR	CCTAAAGAAA
M0021		0.74438				
6	V\$TATA_C	9	2396	(+)	NCTATAAAAR	AGAACAAAAA
M0025		0.77975				
2	V\$TATA_01	1	2418	(+)	STATAAAWRNNNNNN	GCACAAATACAATTG
M0021		0.80221				
6	V\$TATA_C	8	2446	(+)	NCTATAAAAR	TCTAGATAAA
M0025		0.77949				
2	V\$TATA_01	8	2447	(+)	STATAAAWRNNNNNN	CTAGATAAATATATC
M0025		0.79167				
2	V\$TATA_01	7	2449	(+)	STATAAAWRNNNNNN	AGATAAATATATCTT
M0021		0.75257				
6	V\$TATA_C	5	2564	(+)	NCTATAAAAR	ACAATAATAC
M0025		0.77213				
2	V\$TATA_01	9	2570	(+)	STATAAAWRNNNNNN	ATACATATGTTTCATA
M0021		0.78663				
6	V\$TATA_C	9	2585	(+)	NCTATAAAAR	ATTATAATAA
M0025		0.78888				
2	V\$TATA_01	6	2586	(+)	STATAAAWRNNNNNN	TTATAATAAAAAAGTG
M0021		0.82809				
6	V\$TATA_C	6	2588	(+)	NCTATAAAAR	ATAATAAAAA
M0025		0.79142				
2	V\$TATA_01	3	2589	(+)	STATAAAWRNNNNNN	TAATAAAAAAGTGTC
M0021		0.79429				
6	V\$TATA_C	6	2602	(+)	NCTATAAAAR	TCAGTAAAAA
M0021		0.74306				
6	V\$TATA_C	8	2609	(+)	NCTATAAAAR	AAATTAAAAAT
M0021						
6	V\$TATA_C	0.9493	2635	(+)	NCTATAAAAR	GCCATAAAAA
M0025		0.84953				
2	V\$TATA_01	1	2636	(+)	STATAAAWRNNNNNN	CCATAAAAACTCTTC

M0025		0.80385				
2	V\$TATA_01	7	2683	(+)	STATAAAWRNNNNNNN	CTATTAATTTAAAAT
M0021		0.82360				
6	V\$TATA_C	7	2688	(+)	NCTATAAAAR	AATTTAAAAAT
M0025						
2	V\$TATA_01	0.79726	2689	(+)	STATAAAWRNNNNNNN	ATTTAAAATACTCTC
M0021		0.74570				
6	V\$TATA_C	9	2698	(+)	NCTATAAAAR	ACTCTCAAAA
M0021		0.74016				
6	V\$TATA_C	4	2699	(+)	NCTATAAAAR	CTCTCAAAAA
M0021		0.75283				
6	V\$TATA_C	9	2700	(+)	NCTATAAAAR	TCTCAAAAAA
M0021		0.81410				
6	V\$TATA_C	1	2710	(+)	NCTATAAAAR	CGTATAACAT
M0025		0.77670				
2	V\$TATA_01	6	2785	(+)	STATAAAWRNNNNNNN	ATATTTAATAATGAG
M0025						
2	V\$TATA_01	0.79117	2875	(+)	STATAAAWRNNNNNNN	ATTTTTATACAAAGA
M0021		0.79561				
6	V\$TATA_C	7	2878	(+)	NCTATAAAAR	TTTATACAAA
M0025		0.77924				
2	V\$TATA_01	4	2879	(+)	STATAAAWRNNNNNNN	TTATACAAAGAAAAA
M0021		0.85027				
6	V\$TATA_C	7	2904	(+)	NCTATAAAAR	ACTGTAAAAT
M0025		0.77036				
2	V\$TATA_01	3	2905	(+)	STATAAAWRNNNNNNN	CTGTAAAATAGTAAC
M0021		0.77607				
6	V\$TATA_C	6	2971	(+)	NCTATAAAAR	CCTTTATAGA
M0025		0.81781				
2	V\$TATA_01	3	2972	(+)	STATAAAWRNNNNNNN	CTTTATAGACTGTGG
M0021		0.74782				
6	V\$TATA_C	1	3048	(+)	NCTATAAAAR	GCAACAAAAC
M0025		0.82364				
2	V\$TATA_01	9	3079	(+)	STATAAAWRNNNNNNN	ACATTAATGGCAACC
M0021		0.76419				
6	V\$TATA_C	3	3365	(+)	NCTATAAAAR	TCTCTAATAG
M0021		0.75019				
6	V\$TATA_C	8	3520	(+)	NCTATAAAAR	TGTATATATT
M0025		0.85079				
2	V\$TATA_01	9	3521	(+)	STATAAAWRNNNNNNN	GTATATATTTTAAAG
M0021		0.77237				
6	V\$TATA_C	9	3527	(+)	NCTATAAAAR	ATTTTAAAGG
M0021						
6	V\$TATA_C	0.75099	3535	(+)	NCTATAAAAR	GGAATAAATG
M0025		0.84978				
2	V\$TATA_01	4	3536	(+)	STATAAAWRNNNNNNN	GAATAAATGTGTAGA
M0021		0.77713				
6	V\$TATA_C	2	3552	(+)	NCTATAAAAR	GGTTTAACAT
M0025		0.77264				
2	V\$TATA_01	7	3689	(+)	STATAAAWRNNNNNNN	GCATTTATTGAGCAC
M0021		0.76947				
6	V\$TATA_C	5	3758	(+)	NCTATAAAAR	ACTTTGTAAA
M0021		0.77185				
6	V\$TATA_C	1	3818	(+)	NCTATAAAAR	AGTAAATAAG
M0025		0.79446				
2	V\$TATA_01	8	3819	(+)	STATAAAWRNNNNNNN	GTAAATAAGAGGCAT
M0025		0.77467				
2	V\$TATA_01	6	3821	(+)	STATAAAWRNNNNNNN	AAATAAGAGGCATTG
M0025		0.77822				
2	V\$TATA_01	9	3921	(+)	STATAAAWRNNNNNNN	GGTTAAATAGTGCAT
M0025		0.78330				
2	V\$TATA_01	4	3962	(+)	STATAAAWRNNNNNNN	ACATAAGATCCTATG
M0021		0.81594				
6	V\$TATA_C	9	4113	(+)	NCTATAAAAR	TGCATGAAAG
M0025		0.77848				
2	V\$TATA_01	3	4114	(+)	STATAAAWRNNNNNNN	GCATGAAAGTGAAAA

M0021		0.76049				
6	V\$TATA_C	6	4259	(+)	NCTATAAAAR	TCCTTATAGG
M0021		0.78082				
6	V\$TATA_C	9	4280	(+)	NCTATAAAAR	TTCTTATAAT
M0021		0.77369				
6	V\$TATA_C	9	4290	(+)	NCTATAAAAR	TCATTAGAAG
M0021		0.80987				
6	V\$TATA_C	6	4337	(+)	NCTATAAAAR	GCCATGAAAT
M0021		0.77185				
6	V\$TATA_C	1	4343	(+)	NCTATAAAAR	AAATTAAAAAG
M0025		0.78736				
2	V\$TATA_01	4	4343	(+)	STATAAAWRNNNNNN	AAATTAAAAAGACGCT
M0025						
2	V\$TATA_01	0.77087	4344	(+)	STATAAAWRNNNNNN	AATTAAAAAGACGCTT
M0021						
6	V\$TATA_C	0.75099	4366	(+)	NCTATAAAAR	GGAAGAAAAG
M0025		0.79700				
2	V\$TATA_01	6	4398	(+)	STATAAAWRNNNNNN	ATTCAAAAGCAGAGA
M0025		0.80360				
2	V\$TATA_01	3	4935	(+)	STATAAAWRNNNNNN	TTATATATTTTCAAT
M0021		0.74306				
6	V\$TATA_C	8	4960	(+)	NCTATAAAAR	CTTTTAGAAC
M0021		0.76419				
6	V\$TATA_C	3	5251	(+)	NCTATAAAAR	TCTGTAAAG
M0021						
6	V\$TATA_C	0.76921	5315	(+)	NCTATAAAAR	TTTATACAAC
M0021		0.93187				
6	V\$TATA_C	2	5359	(+)	NCTATAAAAR	GCCATAAAAT
M0025		0.80030				
2	V\$TATA_01	4	5360	(+)	STATAAAWRNNNNNN	CCATAAAATAATGAT
M0021		0.74174				
6	V\$TATA_C	8	5375	(+)	NCTATAAAAR	ATCATCAAAT
M0021		0.77475				
6	V\$TATA_C	6	5391	(+)	NCTATAAAAR	TCCATATTAA
M0025		0.78330				
2	V\$TATA_01	4	5392	(+)	STATAAAWRNNNNNN	CCATATTAACCTATT
M0021		0.84869				
6	V\$TATA_C	3	5401	(+)	NCTATAAAAR	CCTATTAAAT
M0025		0.80842				
2	V\$TATA_01	4	5402	(+)	STATAAAWRNNNNNN	CTATTAAATGTCTTC
M0021		0.75204				
6	V\$TATA_C	6	5449	(+)	NCTATAAAAR	TTCTTTAAAG
M0021		0.81462				
6	V\$TATA_C	9	5450	(+)	NCTATAAAAR	TCTTTAAAGC
M0025		0.80055				
2	V\$TATA_01	8	5451	(+)	STATAAAWRNNNNNN	CTTTAAAGCTAAACC
M0025		0.85409				
2	V\$TATA_01	8	5526	(+)	STATAAAWRNNNNNN	ATATTTAAACGTACA
M0021		0.76102				
6	V\$TATA_C	5	5540	(+)	NCTATAAAAR	ATTTTTAAAA
M0021		0.89015				
6	V\$TATA_C	1	5541	(+)	NCTATAAAAR	TTTTTAAAAA
M0021		0.74174				
6	V\$TATA_C	8	5542	(+)	NCTATAAAAR	TTTTAAAAAC
M0025		0.81121				
2	V\$TATA_01	5	5542	(+)	STATAAAWRNNNNNN	TTTTAAAAACTTCGT
M0025						
2	V\$TATA_01	0.78508	5562	(+)	STATAAAWRNNNNNN	ATTTTTATAAACAGC
M0021						
6	V\$TATA_C	0.82572	5563	(+)	NCTATAAAAR	TTTTTATAAA
M0025		0.82187				
2	V\$TATA_01	3	5564	(+)	STATAAAWRNNNNNN	TTTTATAAACAGCAT
M0021		0.79376				
6	V\$TATA_C	8	5565	(+)	NCTATAAAAR	TTTATAAACA
M0025		0.79193				
2	V\$TATA_01	1	5566	(+)	STATAAAWRNNNNNN	TTATAAACAGCATT

M0021		0.81462				
6	V\$TATA_C	9	5604	(+)	NCTATAAAAR	ACCAGAAAAT
M0021		0.81066				
6	V\$TATA_C	8	5619	(+)	NCTATAAAAR	AGTTTCAAAG
M0025		0.81679				
2	V\$TATA_01	8	5669	(+)	STATAAAWRNNNNNN	GTATATTTTGAGAAG
M0021		0.76023				
6	V\$TATA_C	2	5685	(+)	NCTATAAAAR	ATTATGAAAC
M0021		0.84578				
6	V\$TATA_C	8	5699	(+)	NCTATAAAAR	CACATAAAAA
M0021		0.76472				
6	V\$TATA_C	1	5700	(+)	NCTATAAAAR	ACATAAAAAAG
M0025		0.82872				
2	V\$TATA_01	4	5700	(+)	STATAAAWRNNNNNN	ACATAAAAAAGATTTA
M0021		0.75442				
6	V\$TATA_C	3	5709	(+)	NCTATAAAAR	GATTTATAAT
M0021		0.79376				
6	V\$TATA_C	8	5711	(+)	NCTATAAAAR	TTTATAATAA
M0021		0.75891				
6	V\$TATA_C	2	5741	(+)	NCTATAAAAR	GTAATATAAA
M0025						
2	V\$TATA_01	0.78508	5742	(+)	STATAAAWRNNNNNN	TAATATAAATGTCAG
M0021		0.75600				
6	V\$TATA_C	7	5743	(+)	NCTATAAAAR	AATATAAATG
M0025		0.90205				
2	V\$TATA_01	5	5744	(+)	STATAAAWRNNNNNN	ATATAAATGTCAGTG
M0021		0.77237				
6	V\$TATA_C	9	5790	(+)	NCTATAAAAR	ATTTTAAAGG
M0025		0.78863				
2	V\$TATA_01	2	5791	(+)	STATAAAWRNNNNNN	TTTTAAAGGTAGAAA
M0025		0.79776				
2	V\$TATA_01	7	5809	(+)	STATAAAWRNNNNNN	ATTTTTAAACACATA
M0021		0.76815				
6	V\$TATA_C	4	5810	(+)	NCTATAAAAR	TTTTTAAACA
M0021		0.80934				
6	V\$TATA_C	8	5836	(+)	NCTATAAAAR	AGTATAGAAT
M0021		0.74438				
6	V\$TATA_C	9	5841	(+)	NCTATAAAAR	AGAATAAATA
M0025		0.89165				
2	V\$TATA_01	2	5842	(+)	STATAAAWRNNNNNN	GAATAAATACCCAAG
M0021		0.75627				
6	V\$TATA_C	1	5897	(+)	NCTATAAAAR	GTTTTAATAA
M0025		0.77975				
2	V\$TATA_01	1	5897	(+)	STATAAAWRNNNNNN	GTTTTAATAAATGCA
M0025		0.80563				
2	V\$TATA_01	3	5901	(+)	STATAAAWRNNNNNN	TAATAAATGCATATT
M0021		0.75151				
6	V\$TATA_C	8	5908	(+)	NCTATAAAAR	TGCATATTAG
M0025		0.80055				
2	V\$TATA_01	8	5911	(+)	STATAAAWRNNNNNN	ATATTAGTAGGAACA
M0021		0.77211				
6	V\$TATA_C	5	6029	(+)	NCTATAAAAR	GCTGTATAAC
M0025		0.78888				
2	V\$TATA_01	6	6076	(+)	STATAAAWRNNNNNN	CTGTAAATTGAGAAT
M0025		0.78457				
2	V\$TATA_01	2	6093	(+)	STATAAAWRNNNNNN	TCATAATTACCCAGA
M0025		0.77670				
2	V\$TATA_01	6	6177	(+)	STATAAAWRNNNNNN	TTATGAATGTGTGGA
M0021		0.79007				
6	V\$TATA_C	1	6192	(+)	NCTATAAAAR	GTTCTAAAAA
M0021		0.75204				
6	V\$TATA_C	6	6193	(+)	NCTATAAAAR	TTCTAAAAAG
M0021		0.82677				
6	V\$TATA_C	6	6247	(+)	NCTATAAAAR	AGTATACAAA
M0025		0.80867				
2	V\$TATA_01	8	6248	(+)	STATAAAWRNNNNNN	GTATACAAATGTGTG

M0025		0.78736				
2	V\$TATA_01	4	6250	(+)	STATAAAWRNNNNNNN	ATACAAATGTGTGAC
M0025		0.80994				
2	V\$TATA_01	7	6277	(+)	STATAAAWRNNNNNNN	TTATTAATTAGCAGA
M0021		0.90097				
6	V\$TATA_C	7	6295	(+)	NCTATAAAAR	TGCTTAAAAA
M0021		0.81172				
6	V\$TATA_C	4	6296	(+)	NCTATAAAAR	GCTTAAAAAT
M0025		0.81121				
2	V\$TATA_01	5	6296	(+)	STATAAAWRNNNNNNN	GCTTAAAAATAAGGA
M0025		0.77543				
2	V\$TATA_01	8	6298	(+)	STATAAAWRNNNNNNN	TTAAAAATAAGGATT
M0021		0.90203				
6	V\$TATA_C	3	6320	(+)	NCTATAAAAR	AGCATAAAAAT
M0025		0.81400				
2	V\$TATA_01	7	6321	(+)	STATAAAWRNNNNNNN	GCATAAAATTCTTTC
M0025		0.77036				
2	V\$TATA_01	3	6358	(+)	STATAAAWRNNNNNNN	ATATTTATCTAATTG
M0025		0.79776				
2	V\$TATA_01	7	6375	(+)	STATAAAWRNNNNNNN	ATATTTAAGCTTTCC
M0021		0.74069				
6	V\$TATA_C	2	6391	(+)	NCTATAAAAR	GTTTTAGAAT
M0021		0.81304				
6	V\$TATA_C	5	6466	(+)	NCTATAAAAR	GCCTTTAAAG
M0021		0.84050				
6	V\$TATA_C	7	6467	(+)	NCTATAAAAR	CCTTTAAAGA
M0025		0.83988				
2	V\$TATA_01	8	6468	(+)	STATAAAWRNNNNNNN	CTTTAAAGACTCAAG
M0021		0.75151				
6	V\$TATA_C	8	6542	(+)	NCTATAAAAR	TGAATTAAAA
M0021		0.75574				
6	V\$TATA_C	3	6543	(+)	NCTATAAAAR	GAATTAAAAA
M0025						
2	V\$TATA_01	0.77696	6544	(+)	STATAAAWRNNNNNNN	AATTAACAAAAACACA
M0021		0.78663				
6	V\$TATA_C	9	6545	(+)	NCTATAAAAR	ATTAAAAAAA
M0025		0.79446				
2	V\$TATA_01	8	6546	(+)	STATAAAWRNNNNNNN	TTAAAAAACACATA
M0025		0.80334				
2	V\$TATA_01	9	6558	(+)	STATAAAWRNNNNNNN	ATATTAAGACTTAGT
M0021		0.83918				
6	V\$TATA_C	7	6574	(+)	NCTATAAAAR	TCCATTAAAA
M0021		0.85555				
6	V\$TATA_C	8	6575	(+)	NCTATAAAAR	CCATTAAAC
M0025		0.83100				
2	V\$TATA_01	7	6575	(+)	STATAAAWRNNNNNNN	CCATTAAACAAACA
M0021		0.78082				
6	V\$TATA_C	9	6608	(+)	NCTATAAAAR	ACTTTTTAAG
M0021		0.77660				
6	V\$TATA_C	4	6618	(+)	NCTATAAAAR	TCTTTTTAAA
M0021		0.76762				
6	V\$TATA_C	6	6619	(+)	NCTATAAAAR	CTTTTTAAAA
M0021		0.87272				
6	V\$TATA_C	2	6620	(+)	NCTATAAAAR	TTTTTAAAT
M0025		0.77772				
2	V\$TATA_01	1	6620	(+)	STATAAAWRNNNNNNN	TTTTTAAATAGATC
M0025		0.77416				
2	V\$TATA_01	9	6621	(+)	STATAAAWRNNNNNNN	TTTTTAAATAGATCT
M0025		0.80055				
2	V\$TATA_01	8	6643	(+)	STATAAAWRNNNNNNN	TTATATGAAATCAGT
M0021		0.80644				
6	V\$TATA_C	3	6892	(+)	NCTATAAAAR	TGTTTTAAAA
M0021		0.87826				
6	V\$TATA_C	8	6893	(+)	NCTATAAAAR	GTTTTAAAAA
M0025						
2	V\$TATA_01	0.81629	6893	(+)	STATAAAWRNNNNNNN	GTTTTAAAAAGAGGA

M0021		0.77950				
6	V\$TATA_C	9	6894	(+)	NCTATAAAAR	TTTTAAAAAG
M0025		0.85460				
2	V\$TATA_01	5	6894	(+)	STATAAAWRNNNNNN	TTTTAAAAAGAGGAG
M0021		0.75917				
6	V\$TATA_C	6	6917	(+)	NCTATAAAAR	ATCATAAATA
M0025		0.83024				
2	V\$TATA_01	6	6918	(+)	STATAAAWRNNNNNN	TCATAAATAACAATT
M0021		0.81594				
6	V\$TATA_C	9	6987	(+)	NCTATAAAAR	AGGATAAAAT
M0025		0.84927				
2	V\$TATA_01	7	6988	(+)	STATAAAWRNNNNNN	GGATAAAATCCACCC
M0021		0.81225				
6	V\$TATA_C	2	7060	(+)	NCTATAAAAR	CCCACAAAAC
M0021		0.81779				
6	V\$TATA_C	8	7237	(+)	NCTATAAAAR	TGTTGAAAAG
M0021		0.86612				
6	V\$TATA_C	1	7538	(+)	NCTATAAAAR	CCTACAAAAA
M0025		0.79624				
2	V\$TATA_01	5	7539	(+)	STATAAAWRNNNNNN	CTACAAAAAATCAA
M0021		0.76155				
6	V\$TATA_C	3	7541	(+)	NCTATAAAAR	ACAAAAAAAT
M0021		0.78188				
6	V\$TATA_C	5	7606	(+)	NCTATAAAAR	GTTATAAATA
M0025		0.85841				
2	V\$TATA_01	2	7607	(+)	STATAAAWRNNNNNN	TTATAAATAGAATAA
M0025						
2	V\$TATA_01	0.79726	7704	(+)	STATAAAWRNNNNNN	CTATGTAGAAGAAGC
M0021		0.75257				
6	V\$TATA_C	5	7793	(+)	NCTATAAAAR	ACAATAAAGC
M0025		0.79954				
2	V\$TATA_01	3	7794	(+)	STATAAAWRNNNNNN	CAATAAAGCCAGAAT
M0021		0.75204				
6	V\$TATA_C	6	7812	(+)	NCTATAAAAR	ACTTGATAAT
M0021		0.74438				
6	V\$TATA_C	9	7834	(+)	NCTATAAAAR	AGAATAACAA
M0025		0.80842				
2	V\$TATA_01	4	7932	(+)	STATAAAWRNNNNNN	TGATATATGAGCATA
M0025		0.84420				
2	V\$TATA_01	2	7934	(+)	STATAAAWRNNNNNN	ATATATGAGCATATG
M0021		0.74438				
6	V\$TATA_C	9	7941	(+)	NCTATAAAAR	AGCATATGAG
M0025		0.82923				
2	V\$TATA_01	1	7942	(+)	STATAAAWRNNNNNN	GCATATGAGGGCAAA
M0025		0.79167				
2	V\$TATA_01	7	8170	(+)	STATAAAWRNNNNNN	GGATAAGACCCAATA
M0021		0.79746				
6	V\$TATA_C	5	8208	(+)	NCTATAAAAR	AGCATAAAGA
M0025		0.79573				
2	V\$TATA_01	7	8209	(+)	STATAAAWRNNNNNN	GCATAAAGATTAGTT
M0021		0.78188				
6	V\$TATA_C	5	8220	(+)	NCTATAAAAR	AGTTTTAAAT
M0025		0.77213				
2	V\$TATA_01	9	8301	(+)	STATAAAWRNNNNNN	CTGTATATATATGGT
M0021		0.76762				
6	V\$TATA_C	6	8302	(+)	NCTATAAAAR	TGTATATATA
M0025		0.90586				
2	V\$TATA_01	1	8303	(+)	STATAAAWRNNNNNN	GTATATATATGGTGT
M0025		0.87338				
2	V\$TATA_01	2	8305	(+)	STATAAAWRNNNNNN	ATATATATGGTGTTG
M0025		0.78609				
2	V\$TATA_01	5	8375	(+)	STATAAAWRNNNNNN	ATTTATAGAAAAAAC
M0021		0.79561				
6	V\$TATA_C	7	8376	(+)	NCTATAAAAR	TTTATAGAAA
M0021		0.75178				
6	V\$TATA_C	2	8378	(+)	NCTATAAAAR	TATAGAAAAA

M0025		0.78482				
2	V\$TATA_01	6	8411	(+)	STATAAAWRNNNNNNN	TTATGTAAACCTGTT
M0021		0.76102				
6	V\$TATA_C	5	8433	(+)	NCTATAAAAR	ATTTTAAAGA
M0025		0.80182				
2	V\$TATA_01	7	8434	(+)	STATAAAWRNNNNNNN	TTTTAAAGATCAACT
M0021		0.80274				
6	V\$TATA_C	6	8497	(+)	NCTATAAAAR	CACTTAAAT
M0025		0.78178				
2	V\$TATA_01	1	8505	(+)	STATAAAWRNNNNNNN	ATTTATATATTGTCT
M0025		0.80436				
2	V\$TATA_01	4	8507	(+)	STATAAAWRNNNNNNN	TTATATATTGTCTTT
M0021		0.82017				
6	V\$TATA_C	4	8563	(+)	NCTATAAAAR	GACTTAAAG
M0025		0.82745				
2	V\$TATA_01	5	8564	(+)	STATAAAWRNNNNNNN	ACTTAAAGGGGAAT
M0021		0.74069				
6	V\$TATA_C	2	8596	(+)	NCTATAAAAR	TTCTTAAAGA
M0021		0.76102				
6	V\$TATA_C	5	8639	(+)	NCTATAAAAR	ATTTTAATAA
M0021						
6	V\$TATA_C	0.80882	8642	(+)	NCTATAAAAR	TTAATAAAAC
M0021		0.79931				
6	V\$TATA_C	3	8687	(+)	NCTATAAAAR	TTTTTATAAC
M0021		0.82307				
6	V\$TATA_C	9	8696	(+)	NCTATAAAAR	CCTTTAAGAT
M0021		0.79376				
6	V\$TATA_C	8	8741	(+)	NCTATAAAAR	TTTATGAAAA
M0025		0.77061				
2	V\$TATA_01	7	8742	(+)	STATAAAWRNNNNNNN	TTATGAAAAAGTCAC
M0021		0.76445				
6	V\$TATA_C	7	8787	(+)	NCTATAAAAR	GTTATAACAT
M0021						
6	V\$TATA_C	0.74835	8792	(+)	NCTATAAAAR	AACATATAAC
M0025		0.82720				
2	V\$TATA_01	1	8793	(+)	STATAAAWRNNNNNNN	ACATATAACTGAATG
M0021		0.74359				
6	V\$TATA_C	7	8890	(+)	NCTATAAAAR	ATTTTTAAAT
M0021		0.77950				
6	V\$TATA_C	9	8891	(+)	NCTATAAAAR	TTTTTAAATG
M0025		0.81375				
2	V\$TATA_01	3	8892	(+)	STATAAAWRNNNNNNN	TTTTAAATGAGTATA
M0025		0.79776				
2	V\$TATA_01	7	8902	(+)	STATAAAWRNNNNNNN	GTATACATGGAACAA
M0021		0.75019				
6	V\$TATA_C	8	8982	(+)	NCTATAAAAR	ACCATATACT
M0021		0.83390				
6	V\$TATA_C	5	8989	(+)	NCTATAAAAR	ACTTTCAAAA
M0021		0.75019				
6	V\$TATA_C	8	8990	(+)	NCTATAAAAR	CTTTCAAAAT
M0021		0.93081				
6	V\$TATA_C	6	9014	(+)	NCTATAAAAR	AGCATAAAAAG
M0025		0.87084				
2	V\$TATA_01	5	9015	(+)	STATAAAWRNNNNNNN	GCATAAAAGTTCAGT
M0021		0.75125				
6	V\$TATA_C	4	9052	(+)	NCTATAAAAR	CATATCAAAA
M0025		0.77645				
2	V\$TATA_01	3	9061	(+)	STATAAAWRNNNNNNN	ATATGTATAAAAAATA
M0021		0.95405				
6	V\$TATA_C	3	9064	(+)	NCTATAAAAR	TGTATAAAAA
M0025		0.89114				
2	V\$TATA_01	4	9065	(+)	STATAAAWRNNNNNNN	GTATAAAAAATAATTT
M0021		0.84103				
6	V\$TATA_C	5	9100	(+)	NCTATAAAAR	TCTTTAAGAA
M0025		0.79294				
2	V\$TATA_01	6	9101	(+)	STATAAAWRNNNNNNN	CTTTAAGAATCTATT

M0021		0.76868				
6	V\$TATA_C	2	9131	(+)	NCTATAAAAR	TCAATAAATT
M0025		0.79421				
2	V\$TATA_01	5	9132	(+)	STATAAAWRNNNNNN	CAATAAATTAACCCCT
M0012		0.78466				
7	V\$GATA1_03	4	43	(+)	RNSNNGATAANNGN	AAAAAGGTAAGAAT
M0007		0.84550				
5	V\$GATA1_01	8	51	(-)	SNNGATNNNN	AAGAATCTCA
M0007		0.84934				
6	V\$GATA2_01	6	51	(-)	NNNGATRNNN	AAGAATCTCA
M0007		0.83265				
6	V\$GATA2_01	7	58	(+)	NNNGATRNNN	TCAGATATAA
M0007		0.84093				
7	V\$GATA3_01	9	59	(+)	NNGATARNG	CAGATATAA
M0020		0.83379				
3	V\$GATA_C	9	60	(+)	NGATAAGNMNN	AGATATAATTT
M0012		0.79906				
6	V\$GATA1_02	3	71	(-)	NNNNNGATANKGNN	CAGTGTATCTGCTA
M0012		0.81678				
8	V\$GATA1_04	9	71	(-)	NNCWGATARNNNN	CAGTGTATCTGCT
M0007		0.86327				
5	V\$GATA1_01	7	73	(-)	SNNGATNNNN	GTGTATCTGC
M0007		0.88452				
6	V\$GATA2_01	9	73	(-)	NNNGATRNNN	GTGTATCTGC
M0012		0.80769				
7	V\$GATA1_03	2	82	(-)	RNSNNGATAANNGN	CTACTCATCTTTAT
M0007		0.80503				
5	V\$GATA1_01	5	84	(-)	SNNGATNNNN	ACTCATCTTT
M0007		0.82498				
6	V\$GATA2_01	9	84	(-)	NNNGATRNNN	ACTCATCTTT
M0007						
7	V\$GATA3_01	0.83385	84	(-)	NNGATARNG	ACTCATCTT
M0012		0.83782				
7	V\$GATA1_03	5	119	(+)	RNSNNGATAANNGN	AAGAATATAATTGC
M0007		0.78980				
6	V\$GATA2_01	6	138	(-)	NNNGATRNNN	ATAGATCTTA
M0012						
6	V\$GATA1_02	0.83875	145	(+)	NNNNNGATANKGNN	TTAAAAATAAGGGT
M0012		0.91406				
6	V\$GATA1_02	2	160	(+)	NNNNNGATANKGNN	TTTAAGATAAGGTT
M0012		0.91911				
8	V\$GATA1_04	8	161	(+)	NNCWGATARNNNN	TTAAGATAAGGTT
M0007		0.82477				
5	V\$GATA1_01	8	162	(+)	SNNGATNNNN	TAAGATAAGG
M0007		0.89896				
6	V\$GATA2_01	3	162	(+)	NNNGATRNNN	TAAGATAAGG
M0007		0.95436				
7	V\$GATA3_01	4	163	(+)	NNGATARNG	AAGATAAGG
M0020		0.93942				
3	V\$GATA_C	2	164	(+)	NGATAAGNMNN	AGATAAGGTTT
M0007		0.78664				
6	V\$GATA2_01	9	189	(-)	NNNGATRNNN	AAATATGTTA
M0012		0.78368				
7	V\$GATA1_03	4	209	(-)	RNSNNGATAANNGN	GTGACTATAAAGAT
M0007		0.85378				
7	V\$GATA3_01	8	218	(+)	NNGATARNG	AAGATTTGA
M0012		0.78468				
6	V\$GATA1_02	7	220	(+)	NNNNNGATANKGNN	GATTTGATAAAAAAT
M0012		0.88878				
8	V\$GATA1_04	7	221	(+)	NNCWGATARNNNN	ATTTGATAAAAAAT
M0007		0.83074				
7	V\$GATA3_01	9	223	(+)	NNGATARNG	TTGATAAAA
M0020						
3	V\$GATA_C	0.93383	224	(+)	NGATAAGNMNN	TGATAAAAAATT
M0012		0.85276				
7	V\$GATA1_03	8	255	(+)	RNSNNGATAANNGN	AGGAATATAATAAG

M0007		0.79121				
5	V\$GATA1_01	4	265	(+)	SNNGATNNNN	TAAGATGTAG
M0007		0.83897				
6	V\$GATA2_01	2	265	(+)	NNNGATRNNN	TAAGATGTAG
M0007						
7	V\$GATA3_01	0.82809	266	(+)	NNGATARNG	AAGATGTAG
M0012		0.81014				
7	V\$GATA1_03	2	283	(-)	RNSNNGATAANNGN	GTTGCTATTTCTT
M0012						
6	V\$GATA1_02	0.7775	286	(-)	NNNNNGATANKGNN	GCTATTTTCTTTAA
M0012		0.78417				
7	V\$GATA1_03	4	305	(+)	RNSNNGATAANNGN	GACTAGTTAACAAG
M0012		0.80769				
7	V\$GATA1_03	2	307	(-)	RNSNNGATAANNGN	CTAGTTAACAAGCT
M0007		0.79747				
6	V\$GATA2_01	4	327	(+)	NNNGATRNNN	AAAGATCTTT
M0007		0.79747				
6	V\$GATA2_01	4	327	(-)	NNNGATRNNN	AAAGATCTTT
M0007		0.80739				
6	V\$GATA2_01	7	404	(-)	NNNGATRNNN	TACTATGGGG
M0007		0.85291				
5	V\$GATA1_01	2	410	(+)	SNNGATNNNN	GGGGATTGA
M0007		0.84348				
6	V\$GATA2_01	2	410	(+)	NNNGATRNNN	GGGGATTGA
M0007		0.82587				
7	V\$GATA3_01	5	411	(+)	NNGATARNG	GGGATTGA
M0007		0.82428				
5	V\$GATA1_01	4	432	(+)	SNNGATNNNN	GAAGATCTCT
M0007		0.77344				
5	V\$GATA1_01	5	432	(-)	SNNGATNNNN	GAAGATCTCT
M0007		0.86332				
6	V\$GATA2_01	9	432	(+)	NNNGATRNNN	GAAGATCTCT
M0007		0.80198				
6	V\$GATA2_01	5	432	(-)	NNNGATRNNN	GAAGATCTCT
M0007		0.80108				
6	V\$GATA2_01	3	464	(+)	NNNGATRNNN	TAGCATATTT
M0012		0.83687				
6	V\$GATA1_02	5	477	(+)	NNNNNGATANKGNN	CAAGAGATAAAGAG
M0012		0.84933				
7	V\$GATA1_03	9	477	(+)	RNSNNGATAANNGN	CAAGAGATAAAGAG
M0012		0.93259				
8	V\$GATA1_04	8	478	(+)	NNCWGATARNNNN	AAGAGATAAAGAG
M0007		0.79318				
5	V\$GATA1_01	9	479	(+)	SNNGATNNNN	AGAGATAAAG
M0007		0.82814				
6	V\$GATA2_01	6	479	(+)	NNNGATRNNN	AGAGATAAAG
M0007		0.93088				
7	V\$GATA3_01	2	480	(+)	NNGATARNG	GAGATAAAG
M0020		0.86424				
3	V\$GATA_C	4	481	(+)	NGATAAGNMNN	AGATAAAGAGG
M0007						
5	V\$GATA1_01	0.77542	497	(+)	SNNGATNNNN	TAGGATATAT
M0007		0.86874				
6	V\$GATA2_01	2	497	(+)	NNNGATRNNN	TAGGATATAT
M0020		0.92948				
3	V\$GATA_C	1	539	(-)	NGATAAGNMNN	TATATTTATCA
M0012						
7	V\$GATA1_03	0.78001	540	(-)	RNSNNGATAANNGN	ATATTTATCAAAAT
M0012						
8	V\$GATA1_04	0.87163	540	(-)	NNCWGATARNNNN	ATATTTATCAAAA
M0007		0.79521				
6	V\$GATA2_01	9	560	(-)	NNNGATRNNN	GAACATCCAA
M0020		0.84808				
3	V\$GATA_C	9	574	(-)	NGATAAGNMNN	CAAGTTTATCA
M0012		0.83312				
6	V\$GATA1_02	5	575	(-)	NNNNNGATANKGNN	AAGTTTATCATTTA

M0012		0.86366				
8	V\$GATA1_04	4	575	(-)	NNCWGATARNNNN	AAGTTTATCATTT
M0007		0.79206				
6	V\$GATA2_01	1	577	(-)	NNNGATRNNN	GTTTATCATT
M0007		0.82321				
7	V\$GATA3_01	7	577	(-)	NNGATARNG	GTTTATCAT
M0020		0.92233				
3	V\$GATA_C	6	581	(-)	NGATAAGNMNN	ATCATTTATCT
M0012		0.82562				
6	V\$GATA1_02	5	582	(-)	NNNNNGATANKGNN	TCATTTATCTTATA
M0012		0.91850				
8	V\$GATA1_04	5	582	(-)	NNCWGATARNNNN	TCATTTATCTTAT
M0007		0.83942				
6	V\$GATA2_01	3	584	(-)	NNNGATRNNN	ATTTATCTTA
M0007		0.84669				
7	V\$GATA3_01	9	584	(-)	NNGATARNG	ATTTATCTT
M0012		0.83406				
6	V\$GATA1_02	3	613	(+)	NNNNNGATANKGNN	AAATAGATACATGA
M0012		0.81234				
7	V\$GATA1_03	7	613	(+)	RNSNNGATAANNGN	AAATAGATACATGA
M0020		0.85585				
3	V\$GATA_C	6	617	(+)	NGATAAGNMNN	AGATACATGAA
M0012		0.79495				
7	V\$GATA1_03	3	818	(-)	RNSNNGATAANNGN	AATAATATCCTCCC
M0007		0.83563				
5	V\$GATA1_01	7	820	(-)	SNNGATNNNN	TAATATCCTC
M0007						
6	V\$GATA2_01	0.89355	820	(-)	NNNGATRNNN	TAATATCCTC
M0007		0.82144				
7	V\$GATA3_01	4	820	(-)	NNGATARNG	TAATATCCT
M0012		0.79201				
7	V\$GATA1_03	4	850	(-)	RNSNNGATAANNGN	GGTATTATGCTCTT
M0007		0.88005				
5	V\$GATA1_01	9	904	(-)	SNNGATNNNN	AGACATCTTG
M0007		0.89400				
6	V\$GATA2_01	1	904	(-)	NNNGATRNNN	AGACATCTTG
M0007						
5	V\$GATA1_01	0.86229	982	(-)	SNNGATNNNN	GAAAATCTGG
M0007		0.84348				
6	V\$GATA2_01	2	982	(-)	NNNGATRNNN	GAAAATCTGG
M0007		0.79170				
5	V\$GATA1_01	8	989	(+)	SNNGATNNNN	TGGGATTGAA
M0007		0.81912				
6	V\$GATA2_01	5	989	(+)	NNNGATRNNN	TGGGATTGAA
M0007						
7	V\$GATA3_01	0.84537	990	(+)	NNGATARNG	GGGATTGAA
M0007		0.88795				
5	V\$GATA1_01	7	996	(+)	SNNGATNNNN	GAAGATGTGT
M0007		0.88678				
6	V\$GATA2_01	4	996	(+)	NNNGATRNNN	GAAGATGTGT
M0007		0.85093				
5	V\$GATA1_01	8	1010	(+)	SNNGATNNNN	AGAGATGTTG
M0007		0.85475				
6	V\$GATA2_01	9	1010	(+)	NNNGATRNNN	AGAGATGTTG
M0007		0.86530				
7	V\$GATA3_01	8	1011	(+)	NNGATARNG	GAGATGTTG
M0007		0.80700				
5	V\$GATA1_01	9	1013	(+)	SNNGATNNNN	GATGTTGGTG
M0007		0.78331				
5	V\$GATA1_01	7	1090	(-)	SNNGATNNNN	CAAAATCAAT
M0007		0.82011				
7	V\$GATA3_01	5	1090	(-)	NNGATARNG	CAAAATCAA
M0007		0.77393				
5	V\$GATA1_01	9	1142	(+)	SNNGATNNNN	GGGGACTGGG
M0012		0.83687				
6	V\$GATA1_02	5	1181	(+)	NNNNNGATANKGNN	CAAGAGATAAGTAC

M0012		0.87187				
7	V\$GATA1_03	7	1181	(+)	RNSNNGATAAANNGN	CAAGAGATAAGTAC
M0012		0.93627				
8	V\$GATA1_04	5	1182	(+)	NNCWGATARNNNN	AAGAGATAAGTAC
M0007		0.83366				
5	V\$GATA1_01	2	1183	(+)	SNNGATNNNN	AGAGATAAGT
M0007		0.86152				
6	V\$GATA2_01	5	1183	(+)	NNNGATRNNN	AGAGATAAGT
M0007		0.90474				
7	V\$GATA3_01	1	1184	(+)	NNGATARNG	GAGATAAGT
M0020		0.98384				
3	V\$GATA_C	6	1185	(+)	NGATAAGNMNN	AGATAAGTACA
M0012		0.79348				
7	V\$GATA1_03	4	1205	(+)	RNSNNGATAAANNGN	GTAGAGAAAATAAG
M0012		0.80769				
7	V\$GATA1_03	2	1208	(+)	RNSNNGATAAANNGN	GAGAAAATAAGCAT
M0007		0.81822				
6	V\$GATA2_01	3	1216	(+)	NNNGATRNNN	AAGCATAGTG
M0007		0.78874				
5	V\$GATA1_01	6	1226	(+)	SNNGATNNNN	TATGATCTCT
M0007		0.83761				
6	V\$GATA2_01	8	1226	(+)	NNNGATRNNN	TATGATCTCT
M0007		0.78578				
5	V\$GATA1_01	5	1256	(+)	SNNGATNNNN	AGAGATGACA
M0007		0.81596				
6	V\$GATA2_01	8	1256	(+)	NNNGATRNNN	AGAGATGACA
M0007		0.84625				
7	V\$GATA3_01	6	1257	(+)	NNGATARNG	GAGATGACA
M0007		0.80559				
6	V\$GATA2_01	3	1268	(-)	NNNGATRNNN	AGGCATGTGG
M0012		0.79152				
7	V\$GATA1_03	4	1274	(+)	RNSNNGATAAANNGN	GTGGGGATGAAGAC
M0007		0.85340				
5	V\$GATA1_01	6	1276	(+)	SNNGATNNNN	GGGGATGAAG
M0007		0.86107				
6	V\$GATA2_01	4	1276	(+)	NNNGATRNNN	GGGGATGAAG
M0007		0.83207				
7	V\$GATA3_01	8	1277	(+)	NNGATARNG	GGGATGAAG
M0012		0.78466				
7	V\$GATA1_03	4	1289	(+)	RNSNNGATAAANNGN	GAGTAGAGAAGAAA
M0007		0.80651				
5	V\$GATA1_01	5	1301	(-)	SNNGATNNNN	AACAATCTAA
M0007		0.78484				
6	V\$GATA2_01	4	1301	(-)	NNNGATRNNN	AACAATCTAA
M0007		0.83695				
7	V\$GATA3_01	2	1301	(-)	NNGATARNG	AACAATCTA
M0007		0.78726				
5	V\$GATA1_01	6	1306	(-)	SNNGATNNNN	TCTAATCAGT
M0007		0.85644				
7	V\$GATA3_01	7	1306	(-)	NNGATARNG	TCTAATCAG
M0007		0.90868				
5	V\$GATA1_01	7	1322	(-)	SNNGATNNNN	AAACATCTCG
M0007		0.88317				
6	V\$GATA2_01	5	1322	(-)	NNNGATRNNN	AAACATCTCG
M0007		0.80157				
5	V\$GATA1_01	9	1328	(+)	SNNGATNNNN	CTCGATCAGT
M0007		0.81984				
5	V\$GATA1_01	2	1328	(-)	SNNGATNNNN	CTCGATCAGT
M0007		0.80378				
6	V\$GATA2_01	9	1328	(-)	NNNGATRNNN	CTCGATCAGT
M0012		0.78931				
7	V\$GATA1_03	9	1379	(+)	RNSNNGATAAANNGN	CTGGAAATAAAAAGA
M0012						
6	V\$GATA1_02	0.83875	1386	(+)	NNNNNGATANKGN	TAAAAGATATGAAT
M0012						
8	V\$GATA1_04	0.8894	1387	(+)	NNCWGATARNNNN	AAAAGATATGAAT

M0007		0.78775				
5	V\$GATA1_01	9	1388	(+)	SNNGATNNNN	AAAGATATGA
M0007		0.83852				
6	V\$GATA2_01	1	1388	(+)	NNNGATRNNN	AAAGATATGA
M0007		0.88746				
7	V\$GATA3_01	1	1389	(+)	NNGATARNG	AAGATATGA
M0020		0.89313				
3	V\$GATA_C	5	1390	(+)	NGATAAGNMNN	AGATATGAATA
M0020		0.85896				
3	V\$GATA_C	2	1401	(+)	NGATAAGNMNN	AGACAAAAATT
M0007		0.82181				
5	V\$GATA1_01	6	1415	(-)	SNNGATNNNN	GAAAATCACT
M0007		0.79070				
6	V\$GATA2_01	8	1415	(-)	NNNGATRNNN	GAAAATCACT
M0012						
6	V\$GATA1_02	0.785	1432	(+)	NNNNNGATANKGNN	GTAGAGAAAAGATA
M0012						
6	V\$GATA1_02	0.84375	1437	(+)	NNNNNGATANKGNN	GAAAAGATAAAAAAT
M0012		0.84933				
7	V\$GATA1_03	9	1437	(+)	RNSNNGATAANNGN	GAAAAGATAAAAAAT
M0012		0.92156				
8	V\$GATA1_04	9	1438	(+)	NNCWGATARNNNN	AAAAGATAAAAAAT
M0007						
7	V\$GATA3_01	0.8786	1440	(+)	NNGATARNG	AAGATAAAA
M0020		0.93911				
3	V\$GATA_C	2	1441	(+)	NGATAAGNMNN	AGATAAAAAATA
M0007		0.80920				
6	V\$GATA2_01	2	1452	(-)	NNNGATRNNN	AAGTATGACC
M0007		0.80700				
5	V\$GATA1_01	9	1483	(+)	SNNGATNNNN	TCAGATGCAC
M0007		0.84167				
6	V\$GATA2_01	8	1483	(+)	NNNGATRNNN	TCAGATGCAC
M0012		0.79519				
7	V\$GATA1_03	8	1493	(+)	RNSNNGATAANNGN	CTCAAGAAAAGTGA
M0007		0.77838				
5	V\$GATA1_01	1	1547	(-)	SNNGATNNNN	TCTAATCCCA
M0007		0.81416				
6	V\$GATA2_01	3	1547	(-)	NNNGATRNNN	TCTAATCCCA
M0007		0.85777				
7	V\$GATA3_01	6	1547	(-)	NNGATARNG	TCTAATCCC
M0007		0.79220				
5	V\$GATA1_01	1	1555	(-)	SNNGATNNNN	CAGAATCTAA
M0007		0.82454				
7	V\$GATA3_01	6	1555	(-)	NNGATARNG	CAGAATCTA
M0020		0.83783				
3	V\$GATA_C	8	1563	(-)	NGATAAGNMNN	AAGCGATATCT
M0007		0.85439				
5	V\$GATA1_01	3	1564	(+)	SNNGATNNNN	AGCGATATCT
M0007		0.88588				
6	V\$GATA2_01	2	1564	(+)	NNNGATRNNN	AGCGATATCT
M0012		0.77218				
6	V\$GATA1_02	8	1564	(-)	NNNNNGATANKGNN	AGCGATATCTGGCA
M0012		0.88296				
8	V\$GATA1_04	6	1564	(-)	NNCWGATARNNNN	AGCGATATCTGGC
M0007		0.91214				
5	V\$GATA1_01	2	1566	(-)	SNNGATNNNN	CGATATCTGG
M0007		0.94361				
6	V\$GATA2_01	8	1566	(-)	NNNGATRNNN	CGATATCTGG
M0007		0.87992				
7	V\$GATA3_01	9	1566	(-)	NNGATARNG	CGATATCTG
M0012		0.79397				
7	V\$GATA1_03	4	1578	(+)	RNSNNGATAANNGN	ATAAAAAATAATAAA
M0007		0.80355				
5	V\$GATA1_01	4	1609	(-)	SNNGATNNNN	GTGAATCAAC
M0020		0.83845				
3	V\$GATA_C	9	1632	(-)	NGATAAGNMNN	TGTAAATATCT

M0012		0.79562				
6	V\$GATA1_02	5	1633	(-)	NNNNNGATANKGNN	GTAAATATCTGTAA
M0012		0.85324				
8	V\$GATA1_04	8	1633	(-)	NNCWGATARNNNN	GTAAATATCTGTA
M0007		0.83168				
5	V\$GATA1_01	8	1635	(-)	SNNGATNNNN	AAATATCTGT
M0007		0.87009				
6	V\$GATA2_01	5	1635	(-)	NNNGATRNNN	AAATATCTGT
M0007		0.82897				
7	V\$GATA3_01	7	1635	(-)	NNGATARNG	AAATATCTG
M0007		0.78935				
6	V\$GATA2_01	5	1689	(+)	NNNGATRNNN	TGAGATGAAA
M0007		0.84226				
7	V\$GATA3_01	8	1690	(+)	NNGATARNG	GAGATGAAA
M0007		0.78677				
5	V\$GATA1_01	2	1709	(+)	SNNGATNNNN	TAGGATATAG
M0007		0.88182				
6	V\$GATA2_01	2	1709	(+)	NNNGATRNNN	TAGGATATAG
M0007		0.83650				
7	V\$GATA3_01	9	1710	(+)	NNGATARNG	AGGATATAG
M0020		0.84125				
3	V\$GATA_C	5	1711	(+)	NGATAAGNMNN	GGATATAGGAT
M0007		0.77936				
5	V\$GATA1_01	8	1716	(+)	SNNGATNNNN	TAGGATGTTA
M0007		0.85069				
6	V\$GATA2_01	9	1716	(+)	NNNGATRNNN	TAGGATGTTA
M0012		0.83047				
7	V\$GATA1_03	5	1717	(+)	RNSNNGATAANNGN	AGGATGTTAGCAGA
M0007		0.84007				
5	V\$GATA1_01	9	1731	(-)	SNNGATNNNN	AAACATCTGA
M0007		0.87415				
6	V\$GATA2_01	4	1731	(-)	NNNGATRNNN	AAACATCTGA
M0012		0.77812				
6	V\$GATA1_02	5	1755	(-)	NNNNNGATANKGNN	AACATTAACCTGAA
M0007		0.78258				
6	V\$GATA2_01	9	1805	(+)	NNNGATRNNN	GGCCATATGA
M0007		0.79476				
6	V\$GATA2_01	8	1807	(-)	NNNGATRNNN	CCATATGATA
M0012						
8	V\$GATA1_04	0.89185	1809	(+)	NNCWGATARNNNN	ATATGATAAAATG
M0007		0.79837				
6	V\$GATA2_01	6	1810	(+)	NNNGATRNNN	TATGATAAAA
M0007		0.85511				
7	V\$GATA3_01	7	1811	(+)	NNGATARNG	ATGATAAAA
M0020		0.84498				
3	V\$GATA_C	3	1812	(+)	NGATAAGNMNN	TGATAAAATGT
M0007		0.78980				
6	V\$GATA2_01	6	1861	(-)	NNNGATRNNN	TGCCATGAGG
M0007		0.83563				
5	V\$GATA1_01	7	1875	(+)	SNNGATNNNN	CAGGATCTTG
M0007		0.86130				
5	V\$GATA1_01	3	1875	(-)	SNNGATNNNN	CAGGATCTTG
M0007		0.86648				
6	V\$GATA2_01	6	1875	(+)	NNNGATRNNN	CAGGATCTTG
M0007		0.86332				
6	V\$GATA2_01	9	1875	(-)	NNNGATRNNN	CAGGATCTTG
M0007		0.77393				
5	V\$GATA1_01	9	1896	(-)	SNNGATNNNN	AGGGATCAAA
M0012						
6	V\$GATA1_02	0.9075	1949	(-)	NNNNNGATANKGNN	TACACTATCTTTGG
M0012		0.80965				
7	V\$GATA1_03	2	1949	(-)	RNSNNGATAANNGN	TACACTATCTTTGG
M0007						
5	V\$GATA1_01	0.8692	1951	(-)	SNNGATNNNN	CACTATCTTT
M0007		0.91159				
6	V\$GATA2_01	2	1951	(-)	NNNGATRNNN	CACTATCTTT

M0007		0.96189				
7	V\$GATA3_01	6	1951	(-)	NNGATARNG	CACTATCTT
M0007		0.88391				
7	V\$GATA3_01	7	2002	(+)	NNGATARNG	TAGATTGAG
M0020		0.83162				
3	V\$GATA_C	5	2024	(-)	NGATAAGNMNN	TTTCCTCATCT
M0012		0.82680				
7	V\$GATA1_03	1	2025	(-)	RNSNNGATAANNGN	TTCTCATCTTCCC
M0007		0.88104				
5	V\$GATA1_01	6	2027	(-)	SNNGATNNNN	CCTCATCTTC
M0007						
6	V\$GATA2_01	0.88498	2027	(-)	NNNGATRNNN	CCTCATCTTC
M0007		0.90075				
7	V\$GATA3_01	3	2027	(-)	NNGATARNG	CCTCATCTT
M0007		0.85636				
5	V\$GATA1_01	7	2045	(-)	SNNGATNNNN	AGGAATCGAG
M0007		0.78439				
6	V\$GATA2_01	3	2045	(-)	NNNGATRNNN	AGGAATCGAG
M0007		0.81194				
5	V\$GATA1_01	5	2067	(-)	SNNGATNNNN	CCTCATCCTT
M0007		0.85250				
6	V\$GATA2_01	3	2067	(-)	NNNGATRNNN	CCTCATCCTT
M0007						
7	V\$GATA3_01	0.85556	2067	(-)	NNGATARNG	CCTCATCCT
M0007		0.77245				
5	V\$GATA1_01	8	2077	(-)	SNNGATNNNN	GCCTGTCTGG
M0007		0.79115				
6	V\$GATA2_01	9	2077	(-)	NNNGATRNNN	GCCTGTCTGG
M0012		0.78564				
7	V\$GATA1_03	4	2104	(+)	RNSNNGATAANNGN	AGAGAGGTAAATAC
M0012		0.78809				
7	V\$GATA1_03	4	2146	(-)	RNSNNGATAANNGN	AGTACTGTCTGCCT
M0007		0.80153				
6	V\$GATA2_01	4	2156	(-)	NNNGATRNNN	GCCTATGTGT
M0012		0.83733				
7	V\$GATA1_03	5	2162	(+)	RNSNNGATAANNGN	GTGTAGAAAATCGC
M0007		0.82428				
5	V\$GATA1_01	4	2167	(-)	SNNGATNNNN	GAAAATCGCA
M0007		0.83130				
6	V\$GATA2_01	4	2167	(-)	NNNGATRNNN	GAAAATCGCA
M0012		0.79201				
7	V\$GATA1_03	4	2173	(-)	RNSNNGATAANNGN	CGCATTACCAACAT
M0007		0.85143				
5	V\$GATA1_01	1	2181	(-)	SNNGATNNNN	CAACATCATA
M0007		0.86783				
6	V\$GATA2_01	9	2181	(-)	NNNGATRNNN	CAACATCATA
M0007		0.82454				
7	V\$GATA3_01	6	2181	(-)	NNGATARNG	CAACATCAT
M0012		0.79718				
6	V\$GATA1_02	8	2194	(+)	NNNNNGATANKGNN	GTATAAATAATGCA
M0007		0.88252				
5	V\$GATA1_01	7	2206	(-)	SNNGATNNNN	CACAATCTCA
M0007		0.88768				
6	V\$GATA2_01	6	2206	(-)	NNNGATRNNN	CACAATCTCA
M0007		0.94550				
7	V\$GATA3_01	3	2206	(-)	NNGATARNG	CACAATCTC
M0007						
5	V\$GATA1_01	0.7769	2213	(+)	SNNGATNNNN	TCAGATTTAT
M0007		0.79792				
6	V\$GATA2_01	5	2213	(+)	NNNGATRNNN	TCAGATTTAT
M0012		0.81283				
7	V\$GATA1_03	7	2241	(-)	RNSNNGATAANNGN	TCATTTATGTTTAT
M0020		0.83845				
3	V\$GATA_C	9	2253	(-)	NGATAAGNMNN	ATCCACTATCT
M0012		0.94031				
6	V\$GATA1_02	3	2254	(-)	NNNNNGATANKGNN	TCCACTATCTCAAC

M0012		0.82043				
7	V\$GATA1_03	1	2254	(-)	RNSNNGATAANNGN	TCCACTATCTCAAC
M0012		0.87990				
8	V\$GATA1_04	2	2254	(-)	NNCWGATARNNNN	TCCACTATCTCAA
M0007		0.90621				
5	V\$GATA1_01	9	2256	(-)	SNNGATNNNN	CACTATCTCA
M0007		0.95218				
6	V\$GATA2_01	8	2256	(-)	NNNGATRNNN	CACTATCTCA
M0007		0.97917				
7	V\$GATA3_01	6	2256	(-)	NNGATARNG	CACTATCTC
M0012		0.80531				
6	V\$GATA1_02	2	2265	(-)	NNNNNGATANKGNN	AACAGTATCCTATA
M0007		0.84748				
5	V\$GATA1_01	3	2267	(-)	SNNGATNNNN	CAGTATCCTA
M0007		0.93324				
6	V\$GATA2_01	3	2267	(-)	NNNGATRNNN	CAGTATCCTA
M0007		0.83739				
7	V\$GATA3_01	5	2267	(-)	NNGATARNG	CAGTATCCT
M0012		0.77218				
6	V\$GATA1_02	8	2315	(-)	NNNNNGATANKGNN	TGTACCATCTGTAC
M0007						
5	V\$GATA1_01	0.84304	2317	(-)	SNNGATNNNN	TACCATCTGT
M0007		0.84844				
6	V\$GATA2_01	4	2317	(-)	NNNGATRNNN	TACCATCTGT
M0007		0.86752				
7	V\$GATA3_01	3	2317	(-)	NNGATARNG	TACCATCTG
M0012		0.80083				
7	V\$GATA1_03	3	2387	(+)	RNSNNGATAANNGN	ACACAGACAAGAAC
M0020		0.89624				
3	V\$GATA_C	1	2391	(+)	NGATAAGNMNN	AGACAAGAACA
M0007		0.83168				
5	V\$GATA1_01	8	2441	(-)	SNNGATNNNN	TACAATCTAG
M0007		0.86885				
7	V\$GATA3_01	2	2441	(-)	NNGATARNG	TACAATCTA
M0012		0.79812				
6	V\$GATA1_02	5	2445	(+)	NNNNNGATANKGNN	ATCTAGATAAATAT
M0012		0.87285				
7	V\$GATA1_03	6	2445	(+)	RNSNNGATAANNGN	ATCTAGATAAATAT
M0012		0.87071				
8	V\$GATA1_04	1	2446	(+)	NNCWGATARNNNN	TCTAGATAAATAT
M0007		0.78627				
5	V\$GATA1_01	8	2447	(+)	SNNGATNNNN	CTAGATAAAT
M0007		0.82233				
7	V\$GATA3_01	1	2448	(+)	NNGATARNG	TAGATAAAT
M0020		0.94066				
3	V\$GATA_C	5	2449	(+)	NGATAAGNMNN	AGATAAATATA
M0012		0.83486				
8	V\$GATA1_04	5	2453	(-)	NNCWGATARNNNN	AAATATATCTTAT
M0007		0.77986				
5	V\$GATA1_01	2	2455	(-)	SNNGATNNNN	ATATATCTTA
M0007		0.85430				
6	V\$GATA2_01	8	2455	(-)	NNNGATRNNN	ATATATCTTA
M0020		0.92140				
3	V\$GATA_C	4	2457	(-)	NGATAAGNMNN	ATATCTTATCC
M0012		0.77812				
6	V\$GATA1_02	5	2458	(-)	NNNNNGATANKGNN	TATCTTATCCCAGT
M0012		0.79617				
7	V\$GATA1_03	8	2458	(-)	RNSNNGATAANNGN	TATCTTATCCCAGT
M0007		0.80207				
5	V\$GATA1_01	3	2460	(-)	SNNGATNNNN	TCTTATCCCA
M0007		0.87866				
6	V\$GATA2_01	5	2460	(-)	NNNGATRNNN	TCTTATCCCA
M0007		0.89144				
7	V\$GATA3_01	9	2460	(-)	NNGATARNG	TCTTATCCC
M0020		0.87853				
3	V\$GATA_C	4	2479	(-)	NGATAAGNMNN	TATTTGTATCT

M0012		0.82687				
6	V\$GATA1_02	5	2480	(-)	NNNNNGATANKGNN	ATTTGTATCTCTTA
M0012		0.82628				
8	V\$GATA1_04	7	2480	(-)	NNCWGATARNNNN	ATTTGTATCTCTT
M0007		0.78578				
5	V\$GATA1_01	5	2482	(-)	SNNGATNNNN	TTGTATCTCT
M0007		0.81145				
6	V\$GATA2_01	7	2482	(-)	NNNGATRNNN	TTGTATCTCT
M0007		0.84492				
7	V\$GATA3_01	7	2482	(-)	NNGATARNG	TTGTATCTC
M0007		0.81145				
5	V\$GATA1_01	1	2500	(+)	SNNGATNNNN	GGTGCTAGGT
M0007		0.82181				
5	V\$GATA1_01	6	2530	(+)	SNNGATNNNN	CAGGATGATA
M0007		0.84483				
6	V\$GATA2_01	5	2530	(+)	NNNGATRNNN	CAGGATGATA
M0012						
6	V\$GATA1_02	0.785	2531	(+)	NNNNNGATANKGNN	AGGATGATACTCCA
M0012		0.87334				
7	V\$GATA1_03	6	2531	(+)	RNSNNGATAANNGN	AGGATGATACTCCA
M0007		0.90276				
5	V\$GATA1_01	4	2533	(+)	SNNGATNNNN	GATGATACTC
M0007		0.90527				
6	V\$GATA2_01	7	2533	(+)	NNNGATRNNN	GATGATACTC
M0007		0.81737				
5	V\$GATA1_01	4	2545	(+)	SNNGATNNNN	GAGGATGACA
M0007		0.86919				
6	V\$GATA2_01	3	2545	(+)	NNNGATRNNN	GAGGATGACA
M0020		0.89717				
3	V\$GATA_C	3	2549	(-)	NGATAAGNMNN	ATGACATATCA
M0007		0.78394				
6	V\$GATA2_01	2	2550	(+)	NNNGATRNNN	TGACATATCA
M0012		0.88725				
8	V\$GATA1_04	5	2550	(-)	NNCWGATARNNNN	TGACATATCAGAC
M0007		0.87314				
5	V\$GATA1_01	9	2552	(-)	SNNGATNNNN	ACATATCAGA
M0007		0.89760				
6	V\$GATA2_01	9	2552	(-)	NNNGATRNNN	ACATATCAGA
M0007		0.82631				
7	V\$GATA3_01	8	2552	(-)	NNGATARNG	ACATATCAG
M0007		0.80739				
6	V\$GATA2_01	7	2572	(-)	NNNGATRNNN	ACATATGTTC
M0012		0.79152				
7	V\$GATA1_03	4	2576	(+)	RNSNNGATAANNGN	ATGTTCATAATTAT
M0012		0.78417				
7	V\$GATA1_03	4	2582	(+)	RNSNNGATAANNGN	ATAATTATAATAAA
M0012		0.84466				
8	V\$GATA1_04	9	2621	(-)	NNCWGATARNNNN	CTCCTTTTCTGTT
M0007		0.78349				
6	V\$GATA2_01	1	2628	(+)	NNNGATRNNN	TCTGTTAGCC
M0007		0.82872				
5	V\$GATA1_01	7	2729	(+)	SNNGATNNNN	TCAGATTTGT
M0007		0.84438				
6	V\$GATA2_01	4	2729	(+)	NNNGATRNNN	TCAGATTTGT
M0012		0.81187				
6	V\$GATA1_02	5	2740	(+)	NNNNNGATANKGNN	AAATAGATAGCTCT
M0012		0.82386				
7	V\$GATA1_03	1	2740	(+)	RNSNNGATAANNGN	AAATAGATAGCTCT
M0012		0.85079				
8	V\$GATA1_04	7	2741	(+)	NNCWGATARNNNN	AATAGATAGCTCT
M0007		0.82181				
5	V\$GATA1_01	6	2742	(+)	SNNGATNNNN	ATAGATAGCT
M0007		0.83581				
6	V\$GATA2_01	4	2742	(+)	NNNGATRNNN	ATAGATAGCT
M0007		0.85467				
7	V\$GATA3_01	4	2743	(+)	NNGATARNG	TAGATAGCT

M0007		0.81934				
5	V\$GATA1_01	8	2869	(+)	SNNGATNNNN	TAAGATATTT
M0007		0.89445				
6	V\$GATA2_01	2	2869	(+)	NNNGATRNNN	TAAGATATTT
M0007		0.83473				
7	V\$GATA3_01	6	2870	(+)	NNGATARNG	AAGATATTT
M0007		0.84254				
5	V\$GATA1_01	7	2924	(+)	SNNGATNNNN	TCTGATGATT
M0007		0.84799				
6	V\$GATA2_01	3	2924	(+)	NNNGATRNNN	TCTGATGATT
M0007		0.84452				
5	V\$GATA1_01	1	2927	(+)	SNNGATNNNN	GATGATTTAG
M0007		0.80604				
6	V\$GATA2_01	4	2927	(+)	NNNGATRNNN	GATGATTTAG
M0007		0.82454				
7	V\$GATA3_01	6	2928	(+)	NNGATARNG	ATGATTTAG
M0012		0.85906				
6	V\$GATA1_02	3	3006	(+)	NNNNNGATANKGNN	GGTAAGATAATGTT
M0012		0.80842				
7	V\$GATA1_03	7	3006	(+)	RNSNNGATAANNGN	GGTAAGATAATGTT
M0012		0.87591				
8	V\$GATA1_04	9	3007	(+)	NNCWGATARNNNN	GTAAGATAATGTT
M0007		0.81243				
5	V\$GATA1_01	8	3008	(+)	SNNGATNNNN	TAAGATAATG
M0007		0.89264				
6	V\$GATA2_01	8	3008	(+)	NNNGATRNNN	TAAGATAATG
M0007						
7	V\$GATA3_01	0.93354	3009	(+)	NNGATARNG	AAGATAATG
M0020		0.85554				
3	V\$GATA_C	5	3010	(+)	NGATAAGNMNN	AGATAATGTTC
M0007		0.84896				
5	V\$GATA1_01	3	3037	(+)	SNNGATNNNN	CCAGATTTAG
M0007		0.82002				
6	V\$GATA2_01	7	3037	(+)	NNNGATRNNN	CCAGATTTAG
M0007		0.84226				
7	V\$GATA3_01	8	3038	(+)	NNGATARNG	CAGATTTAG
M0020		0.86859				
3	V\$GATA_C	3	3059	(-)	NGATAAGNMNN	CTGTATTATCT
M0012						
6	V\$GATA1_02	0.87125	3060	(-)	NNNNNGATANKGNN	TGTATTATCTTTTT
M0012		0.86599				
7	V\$GATA1_03	7	3060	(-)	RNSNNGATAANNGN	TGTATTATCTTTTT
M0012		0.88296				
8	V\$GATA1_04	6	3060	(-)	NNCWGATARNNNN	TGTATTATCTTTT
M0007		0.81732				
6	V\$GATA2_01	1	3062	(-)	NNNGATRNNN	TATTATCTTT
M0007		0.89853				
7	V\$GATA3_01	8	3062	(-)	NNGATARNG	TATTATCTT
M0012		0.82116				
7	V\$GATA1_03	6	3157	(+)	RNSNNGATAANNGN	GGGTGCTAAGAGT
M0007		0.79792				
6	V\$GATA2_01	5	3172	(+)	NNNGATRNNN	GGACATGACG
M0012		0.78588				
7	V\$GATA1_03	9	3196	(-)	RNSNNGATAANNGN	TCACTTTTCACTTT
M0007		0.78627				
5	V\$GATA1_01	8	3204	(-)	SNNGATNNNN	CACTTTCATG
M0007		0.82625				
5	V\$GATA1_01	9	3257	(-)	SNNGATNNNN	GAGAATCCCA
M0007		0.86017				
6	V\$GATA2_01	1	3257	(-)	NNNGATRNNN	GAGAATCCCA
M0007		0.79341				
6	V\$GATA2_01	5	3293	(-)	NNNGATRNNN	GTCTATGGGG
M0007						
5	V\$GATA1_01	0.7769	3313	(+)	SNNGATNNNN	TTGGATACGA
M0007		0.81506				
6	V\$GATA2_01	5	3313	(+)	NNNGATRNNN	TTGGATACGA

M0020		0.86424				
3	V\$GATA_C	4	3315	(+)	NGATAAGNMNN	GGATACGACTG
M0007						
5	V\$GATA1_01	0.7769	3337	(-)	SNNGATNNNN	CAGCAGCAGC
M0012		0.80181				
7	V\$GATA1_03	3	3351	(+)	RNSNNGATAANNGN	GGGCAGTTAAGGCT
M0012		0.83180				
8	V\$GATA1_04	1	3352	(+)	NNCWGATARNNNN	GGCAGTTAAGGCT
M0020		0.83970				
3	V\$GATA_C	2	3355	(+)	NGATAAGNMNN	AGTTAAGGCTT
M0007		0.79565				
5	V\$GATA1_01	6	3417	(+)	SNNGATNNNN	TTCGATTCCT
M0007		0.82181				
5	V\$GATA1_01	6	3427	(+)	SNNGATNNNN	GAAGATCTGC
M0007		0.83020				
5	V\$GATA1_01	7	3427	(-)	SNNGATNNNN	GAAGATCTGC
M0007		0.84709				
6	V\$GATA2_01	1	3427	(+)	NNNGATRNNN	GAAGATCTGC
M0007		0.84889				
6	V\$GATA2_01	5	3427	(-)	NNNGATRNNN	GAAGATCTGC
M0012						
6	V\$GATA1_02	0.855	3441	(+)	NNNNNGATANKGNN	GAAGGGATAGGCTA
M0012						
7	V\$GATA1_03	0.82974	3441	(+)	RNSNNGATAANNGN	GAAGGGATAGGCTA
M0007		0.87956				
5	V\$GATA1_01	6	3443	(+)	SNNGATNNNN	AGGGATAGGC
M0007		0.92377				
6	V\$GATA2_01	1	3443	(+)	NNNGATRNNN	AGGGATAGGC
M0007		0.88790				
7	V\$GATA3_01	4	3444	(+)	NNGATARNG	GGGATAGGC
M0020		0.85865				
3	V\$GATA_C	2	3445	(+)	NGATAAGNMNN	GGATAGGCTAC
M0020		0.83442				
3	V\$GATA_C	1	3593	(-)	NGATAAGNMNN	AAATTGTATCA
M0012		0.80218				
6	V\$GATA1_02	8	3594	(-)	NNNNNGATANKGNN	AATTGTATCACTGT
M0012		0.78270				
7	V\$GATA1_03	5	3594	(-)	RNSNNGATAANNGN	AATTGTATCACTGT
M0007		0.80651				
5	V\$GATA1_01	5	3596	(-)	SNNGATNNNN	TTGTATCACT
M0007						
6	V\$GATA2_01	0.80018	3596	(-)	NNNGATRNNN	TTGTATCACT
M0007		0.82144				
7	V\$GATA3_01	4	3596	(-)	NNGATARNG	TTGTATCAC
M0012		0.84713				
7	V\$GATA1_03	4	3641	(-)	RNSNNGATAANNGN	CCTCTTTTCTGTCT
M0012		0.82506				
8	V\$GATA1_04	1	3641	(-)	NNCWGATARNNNN	CCTCTTTTCTGTC
M0012		0.80867				
7	V\$GATA1_03	2	3665	(-)	RNSNNGATAANNGN	CTGTTTACCTTCTT
M0007		0.80207				
5	V\$GATA1_01	3	3750	(+)	SNNGATNNNN	AGGGATGCAC
M0007		0.82363				
6	V\$GATA2_01	6	3750	(+)	NNNGATRNNN	AGGGATGCAC
M0007		0.80920				
6	V\$GATA2_01	2	3788	(+)	NNNGATRNNN	GGACATATTT
M0007		0.86722				
5	V\$GATA1_01	6	3810	(-)	SNNGATNNNN	AGCAATCTAG
M0007						
6	V\$GATA2_01	0.81281	3810	(-)	NNNGATRNNN	AGCAATCTAG
M0007		0.82100				
7	V\$GATA3_01	1	3810	(-)	NNGATARNG	AGCAATCTA
M0007		0.84452				
5	V\$GATA1_01	1	3851	(-)	SNNGATNNNN	CTAAATCTGC
M0007						
6	V\$GATA2_01	0.82544	3851	(-)	NNNGATRNNN	CTAAATCTGC

M0007		0.84226				
7	V\$GATA3_01	8	3851	(-)	NNGATARNG	CTAAATCTG
M0012		0.84639				
7	V\$GATA1_03	9	3872	(+)	RNSNNGATAANNGN	AGGTAGATATTAAC
M0007		0.80404				
5	V\$GATA1_01	7	3874	(+)	SNNGATNNNN	GTAGATATTA
M0007		0.79747				
6	V\$GATA2_01	4	3874	(+)	NNNGATRNNN	GTAGATATTA
M0007		0.84226				
7	V\$GATA3_01	8	3875	(+)	NNGATARNG	TAGATATTA
M0020		0.83193				
3	V\$GATA_C	5	3876	(+)	NGATAAGNMNN	AGATATTAACC
M0007		0.86513				
6	V\$GATA2_01	3	3885	(-)	NNNGATRNNN	CCCTATGCCA
M0012		0.79519				
7	V\$GATA1_03	8	3905	(-)	RNSNNGATAANNGN	TCTGTCATCAGCTG
M0007		0.86327				
5	V\$GATA1_01	7	3907	(-)	SNNGATNNNN	TGTCATCAGC
M0007		0.85160				
6	V\$GATA2_01	1	3907	(-)	NNNGATRNNN	TGTCATCAGC
M0007		0.81638				
5	V\$GATA1_01	7	3915	(+)	SNNGATNNNN	GCTGTTGGTT
M0012		0.80867				
7	V\$GATA1_03	2	3958	(+)	RNSNNGATAANNGN	AAGGACATAAGATC
M0007		0.81145				
6	V\$GATA2_01	7	3965	(+)	NNNGATRNNN	TAAGATCCTA
M0007		0.81461				
6	V\$GATA2_01	4	3965	(-)	NNNGATRNNN	TAAGATCCTA
M0012		0.78466				
7	V\$GATA1_03	4	3968	(-)	RNSNNGATAANNGN	GATCCTATGCTGCT
M0007		0.82318				
6	V\$GATA2_01	4	3970	(-)	NNNGATRNNN	TCCTATGCTG
M0007						
5	V\$GATA1_01	0.7769	3976	(+)	SNNGATNNNN	GCTGCTGCTG
M0007						
5	V\$GATA1_01	0.7769	3979	(+)	SNNGATNNNN	GCTGCTGCTG
M0007						
5	V\$GATA1_01	0.7769	3982	(+)	SNNGATNNNN	GCTGCTGCTG
M0007		0.81867				
6	V\$GATA2_01	4	4016	(-)	NNNGATRNNN	CTCTATGCGA
M0007		0.79341				
6	V\$GATA2_01	5	4026	(+)	NNNGATRNNN	CCCCATAGAC
M0007		0.82625				
5	V\$GATA1_01	9	4062	(+)	SNNGATNNNN	TGGGATTCTC
M0007		0.86017				
6	V\$GATA2_01	1	4062	(+)	NNNGATRNNN	TGGGATTCTC
M0007		0.78627				
5	V\$GATA1_01	8	4115	(+)	SNNGATNNNN	CATGAAAAGTG
M0012		0.78593				
6	V\$GATA1_02	8	4119	(+)	NNNNNGATANKGNN	AAAGTGAAAAGGGA
M0012		0.79519				
7	V\$GATA1_03	8	4119	(+)	RNSNNGATAANNGN	AAAGTGAAAAGGGA
M0007		0.78484				
6	V\$GATA2_01	4	4147	(-)	NNNGATRNNN	AGTCATGTCC
M0012		0.80744				
7	V\$GATA1_03	7	4158	(-)	RNSNNGATAANNGN	ACTCCTAGCTACCC
M0012		0.79152				
7	V\$GATA1_03	4	4181	(-)	RNSNNGATAANNGN	CAGCCTACCAGGCT
M0007		0.80503				
5	V\$GATA1_01	5	4205	(+)	SNNGATNNNN	TGGGATTTTC
M0007		0.84889				
6	V\$GATA2_01	5	4205	(+)	NNNGATRNNN	TGGGATTTTC
M0012						
6	V\$GATA1_02	0.7775	4239	(-)	NNNNNGATANKGNN	GCCATTACCTTCTC
M0012		0.83047				
7	V\$GATA1_03	5	4239	(-)	RNSNNGATAANNGN	GCCATTACCTTCTC

M0007		0.82454				
7	V\$GATA3_01	6	4246	(-)	NNGATARNG	CCTTCTCTG
M0007		0.84550				
5	V\$GATA1_01	8	4254	(+)	SNNGATNNNN	GAAGATCCTT
M0007		0.85566				
6	V\$GATA2_01	1	4254	(+)	NNNGATRNNN	GAAGATCCTT
M0007						
6	V\$GATA2_01	0.8083	4254	(-)	NNNGATRNNN	GAAGATCCTT
M0012		0.80401				
7	V\$GATA1_03	8	4258	(+)	RNSNNGATAANNGN	ATCCTTATAGGAGA
M0012		0.79103				
7	V\$GATA1_03	4	4301	(+)	RNSNNGATAANNGN	CTAAACATAACCAG
M0012		0.82116				
7	V\$GATA1_03	6	4322	(+)	RNSNNGATAANNGN	AGAATGATTATTGC
M0007		0.78973				
5	V\$GATA1_01	3	4324	(+)	SNNGATNNNN	AATGATTATT
M0007		0.80198				
6	V\$GATA2_01	5	4374	(-)	NNNGATRNNN	AGTTATGACC
M0007		0.80649				
6	V\$GATA2_01	5	4392	(+)	NNNGATRNNN	CAGCATATTC
M0007		0.83662				
5	V\$GATA1_01	4	4432	(-)	SNNGATNNNN	GTCCATCTAG
M0007		0.78619				
6	V\$GATA2_01	8	4432	(-)	NNNGATRNNN	GTCCATCTAG
M0007		0.80288				
6	V\$GATA2_01	7	4446	(-)	NNNGATRNNN	GGCTATGGTT
M0012		0.80450				
7	V\$GATA1_03	8	4492	(+)	RNSNNGATAANNGN	GTGAAGAAAGCTGA
M0007						
5	V\$GATA1_01	0.79615	4516	(+)	SNNGATNNNN	ATAGATGCTT
M0007						
5	V\$GATA1_01	0.79615	4535	(+)	SNNGATNNNN	GGTGTGGAG
M0007		0.79911				
5	V\$GATA1_01	2	4574	(+)	SNNGATNNNN	GGAGATCCAA
M0007		0.79386				
6	V\$GATA2_01	6	4574	(+)	NNNGATRNNN	GGAGATCCAA
M0012		0.81553				
7	V\$GATA1_03	2	4597	(+)	RNSNNGATAANNGN	AAGGAGATCAGCCC
M0007		0.83218				
5	V\$GATA1_01	2	4599	(+)	SNNGATNNNN	GGAGATCAGC
M0007		0.85093				
5	V\$GATA1_01	8	4599	(-)	SNNGATNNNN	GGAGATCAGC
M0007		0.84032				
6	V\$GATA2_01	5	4599	(+)	NNNGATRNNN	GGAGATCAGC
M0007		0.85656				
6	V\$GATA2_01	3	4599	(-)	NNNGATRNNN	GGAGATCAGC
M0020		0.84032				
3	V\$GATA_C	3	4601	(+)	NGATAAGNMNN	AGATCAGCCCT
M0007		0.81984				
5	V\$GATA1_01	2	4611	(+)	SNNGATNNNN	TGGGATTTCT
M0007		0.87144				
6	V\$GATA2_01	8	4611	(+)	NNNGATRNNN	TGGGATTTCT
M0007		0.81737				
5	V\$GATA1_01	4	4630	(+)	SNNGATNNNN	AATGATGCTA
M0007		0.80378				
6	V\$GATA2_01	9	4630	(+)	NNNGATRNNN	AATGATGCTA
M0007		0.83662				
5	V\$GATA1_01	4	4699	(+)	SNNGATNNNN	TTTGATGCTG
M0007		0.79747				
6	V\$GATA2_01	4	4699	(+)	NNNGATRNNN	TTTGATGCTG
M0007		0.83020				
5	V\$GATA1_01	7	4711	(+)	SNNGATNNNN	AGGGATTGAG
M0007		0.82949				
6	V\$GATA2_01	9	4711	(+)	NNNGATRNNN	AGGGATTGAG
M0007		0.88037				
7	V\$GATA3_01	2	4712	(+)	NNGATARNG	GGGATTGAG

M0012		0.87016				
7	V\$GATA1_03	2	4724	(+)	RNSNNGATAAANNGN	AGGAGGAGAAGGGG
M0007		0.80207				
5	V\$GATA1_01	3	4728	(+)	SNNGATNNNN	GGAGAAGGGG
M0007		0.82971				
5	V\$GATA1_01	4	4744	(+)	SNNGATNNNN	GAGGATGAGA
M0007		0.85656				
6	V\$GATA2_01	3	4744	(+)	NNNGATRNNN	GAGGATGAGA
M0007		0.82055				
7	V\$GATA3_01	8	4745	(+)	NNGATARNG	AGGATGAGA
M0007		0.89486				
5	V\$GATA1_01	7	4749	(+)	SNNGATNNNN	TGAGATGGCT
M0007		0.92963				
6	V\$GATA2_01	5	4749	(+)	NNNGATRNNN	TGAGATGGCT
M0007		0.84271				
7	V\$GATA3_01	2	4750	(+)	NNGATARNG	GAGATGGCT
M0007		0.85093				
5	V\$GATA1_01	8	4757	(+)	SNNGATNNNN	CTGGATGGCA
M0007		0.83355				
6	V\$GATA2_01	9	4757	(+)	NNNGATRNNN	CTGGATGGCA
M0007		0.84600				
5	V\$GATA1_01	2	4762	(-)	SNNGATNNNN	TGGCATCACT
M0007		0.83085				
6	V\$GATA2_01	3	4762	(-)	NNNGATRNNN	TGGCATCACT
M0007		0.85143				
5	V\$GATA1_01	1	4774	(+)	SNNGATNNNN	CTCGATGGAC
M0007						
6	V\$GATA2_01	0.78304	4774	(+)	NNNGATRNNN	CTCGATGGAC
M0007		0.81490				
5	V\$GATA1_01	6	4804	(+)	SNNGATNNNN	GGAGTTGGTG
M0007		0.91757				
5	V\$GATA1_01	2	4810	(+)	SNNGATNNNN	GGTGATGGAC
M0007		0.87009				
6	V\$GATA2_01	5	4810	(+)	NNNGATRNNN	GGTGATGGAC
M0007		0.85644				
7	V\$GATA3_01	7	4906	(+)	NNGATARNG	ATGATTAAG
M0012		0.81406				
7	V\$GATA1_03	2	4925	(-)	RNSNNGATAAANNGN	GTGTTATTATTAT
M0012		0.78833				
7	V\$GATA1_03	9	4951	(-)	RNSNNGATAAANNGN	ACTATTATTCTTTT
M0007		0.80750				
5	V\$GATA1_01	2	4969	(+)	SNNGATNNNN	CCAGATGAAA
M0007		0.79837				
6	V\$GATA2_01	6	4969	(+)	NNNGATRNNN	CCAGATGAAA
M0007		0.78035				
5	V\$GATA1_01	5	4984	(-)	SNNGATNNNN	AGAGATCATT
M0007		0.79070				
6	V\$GATA2_01	8	4984	(+)	NNNGATRNNN	AGAGATCATT
M0007		0.80514				
6	V\$GATA2_01	2	4984	(-)	NNNGATRNNN	AGAGATCATT
M0012		0.85399				
7	V\$GATA1_03	3	5003	(+)	RNSNNGATAAANNGN	AAGGAGAAAACAGG
M0012		0.81479				
7	V\$GATA1_03	7	5014	(+)	RNSNNGATAAANNGN	AGGGTGATTGAGGG
M0007		0.92003				
5	V\$GATA1_01	9	5016	(+)	SNNGATNNNN	GGTGATTGAG
M0007		0.85069				
6	V\$GATA2_01	9	5016	(+)	NNNGATRNNN	GGTGATTGAG
M0007		0.90208				
7	V\$GATA3_01	2	5017	(+)	NNGATARNG	GTGATTGAG
M0007		0.78213				
6	V\$GATA2_01	8	5067	(-)	NNNGATRNNN	CTGTATGACC
M0007		0.78439				
6	V\$GATA2_01	3	5106	(-)	NNNGATRNNN	GTCTATGGGA
M0007		0.80503				
5	V\$GATA1_01	5	5111	(+)	SNNGATNNNN	TGGGATTTTC

M0007		0.84889				
6	V\$GATA2_01	5	5111	(+)	NNNGATRNNN	TGGGATTTTC
M0007		0.78578				
5	V\$GATA1_01	5	5178	(-)	SNNGATNNNN	TTGCATCTCT
M0007						
6	V\$GATA2_01	0.78304	5178	(-)	NNNGATRNNN	TTGCATCTCT
M0012		0.77156				
6	V\$GATA1_02	2	5183	(-)	NNNNNGATANKGNN	TCTCTTATGTCTCC
M0012		0.81430				
7	V\$GATA1_03	7	5183	(-)	RNSNNGATAANNGN	TCTCTTATGTCTCC
M0012		0.79843				
6	V\$GATA1_02	7	5218	(-)	NNNNNGATANKGNN	ACCACTAGCACCAC
M0012		0.79715				
7	V\$GATA1_03	8	5218	(-)	RNSNNGATAANNGN	ACCACTAGCACCAC
M0007		0.81046				
5	V\$GATA1_01	4	5220	(-)	SNNGATNNNN	CACTAGCACC
M0012		0.79519				
7	V\$GATA1_03	8	5241	(-)	RNSNNGATAANNGN	CCAATTAGCATCTG
M0007		0.81737				
5	V\$GATA1_01	4	5246	(-)	SNNGATNNNN	TAGCATCTGT
M0007		0.82318				
6	V\$GATA2_01	4	5246	(-)	NNNGATRNNN	TAGCATCTGT
M0012		0.81862				
8	V\$GATA1_04	7	5250	(+)	NNCWGATARNNNN	ATCTGTAAAGCC
M0012		0.82802				
7	V\$GATA1_03	5	5274	(-)	RNSNNGATAANNGN	TCTCTAATCCTCTT
M0007		0.80602				
5	V\$GATA1_01	2	5276	(-)	SNNGATNNNN	TCTAATCCTC
M0007		0.82047				
6	V\$GATA2_01	8	5276	(-)	NNNGATRNNN	TCTAATCCTC
M0007		0.84049				
7	V\$GATA3_01	6	5276	(-)	NNGATARNG	TCTAATCCT
M0012		0.78466				
7	V\$GATA1_03	4	5283	(-)	RNSNNGATAANNGN	CTCTTTTCTTGAC
M0007		0.88943				
5	V\$GATA1_01	7	5296	(-)	SNNGATNNNN	CTGCATCATC
M0007		0.85340				
6	V\$GATA2_01	6	5296	(-)	NNNGATRNNN	CTGCATCATC
M0007		0.80404				
5	V\$GATA1_01	7	5299	(-)	SNNGATNNNN	CATCATCTTT
M0007		0.83175				
6	V\$GATA2_01	5	5299	(-)	NNNGATRNNN	CATCATCTTT
M0007		0.87992				
7	V\$GATA3_01	9	5299	(-)	NNGATARNG	CATCATCTT
M0007		0.79121				
5	V\$GATA1_01	4	5351	(-)	SNNGATNNNN	AACTTTCAGC
M0012		0.79201				
7	V\$GATA1_03	4	5367	(+)	RNSNNGATAANNGN	ATAATGATATCATC
M0007						
5	V\$GATA1_01	0.79615	5369	(+)	SNNGATNNNN	AATGATATCA
M0007		0.83987				
6	V\$GATA2_01	4	5369	(+)	NNNGATRNNN	AATGATATCA
M0007		0.82720				
7	V\$GATA3_01	4	5370	(+)	NNGATARNG	ATGATATCA
M0007		0.86080				
5	V\$GATA1_01	9	5371	(-)	SNNGATNNNN	TGATATCATC
M0007		0.88678				
6	V\$GATA2_01	4	5371	(-)	NNNGATRNNN	TGATATCATC
M0007		0.82720				
7	V\$GATA3_01	4	5371	(-)	NNGATARNG	TGATATCAT
M0007		0.79763				
5	V\$GATA1_01	1	5421	(+)	SNNGATNNNN	TCTGATTTAT
M0007		0.78664				
6	V\$GATA2_01	9	5421	(+)	NNNGATRNNN	TCTGATTTAT
M0007						
5	V\$GATA1_01	0.86229	5464	(+)	SNNGATNNNN	CCTGATTTTA

M0007		0.80604				
6	V\$GATA2_01	4	5464	(+)	NNNGATRNNN	CCTGATTTTA
M0007		0.77245				
5	V\$GATA1_01	8	5489	(-)	SNNGATNNNN	AGGAATCTAT
M0007		0.80799				
5	V\$GATA1_01	6	5502	(-)	SNNGATNNNN	ACACATCAAT
M0007		0.78035				
5	V\$GATA1_01	5	5558	(+)	SNNGATNNNN	TTTGATTTTT
M0007		0.84501				
5	V\$GATA1_01	5	5588	(+)	SNNGATNNNN	TGTGATTTTT
M0007		0.82679				
6	V\$GATA2_01	3	5588	(+)	NNNGATRNNN	TGTGATTTTT
M0012		0.80499				
7	V\$GATA1_03	8	5603	(+)	RNSNNGATAANNGN	AACCAGAAAATTGA
M0007		0.80063				
6	V\$GATA2_01	1	5661	(-)	NNNGATRNNN	CACTATGAGT
M0012		0.78466				
7	V\$GATA1_03	4	5717	(-)	RNSNNGATAANNGN	ATAATTATGTTTCA
M0007		0.78619				
6	V\$GATA2_01	8	5719	(-)	NNNGATRNNN	AATTATGTTT
M0012		0.78466				
7	V\$GATA1_03	4	5815	(+)	RNSNNGATAANNGN	AAACACATAATCAA
M0007		0.77344				
5	V\$GATA1_01	5	5820	(-)	SNNGATNNNN	CATAATCAAA
M0007		0.85201				
7	V\$GATA3_01	6	5820	(-)	NNGATARNG	CATAATCAA
M0012		0.80548				
7	V\$GATA1_03	8	5864	(-)	RNSNNGATAANNGN	ACTGGTATATTCAT
M0012		0.82802				
7	V\$GATA1_03	5	5940	(-)	RNSNNGATAANNGN	ACTGTGATCCCCTT
M0007		0.82379				
5	V\$GATA1_01	1	5942	(+)	SNNGATNNNN	TGTGATCCCC
M0007		0.79466				
5	V\$GATA1_01	9	5942	(-)	SNNGATNNNN	TGTGATCCCC
M0007		0.85340				
6	V\$GATA2_01	6	5942	(+)	NNNGATRNNN	TGTGATCCCC
M0007		0.84122				
6	V\$GATA2_01	7	5942	(-)	NNNGATRNNN	TGTGATCCCC
M0007		0.83909				
5	V\$GATA1_01	2	5959	(+)	SNNGATNNNN	AATGATGGAT
M0007		0.81867				
6	V\$GATA2_01	4	5959	(+)	NNNGATRNNN	AATGATGGAT
M0012		0.79446				
7	V\$GATA1_03	3	5987	(+)	RNSNNGATAANNGN	AGGGTGACAGTGTG
M0007		0.81046				
5	V\$GATA1_01	4	5989	(+)	SNNGATNNNN	GGTGACAGTG
M0007						
6	V\$GATA2_01	0.79567	5989	(+)	NNNGATRNNN	GGTGACAGTG
M0012		0.85105				
7	V\$GATA1_03	3	6001	(-)	RNSNNGATAANNGN	GCACTAATCCTCAT
M0007						
5	V\$GATA1_01	0.84156	6003	(-)	SNNGATNNNN	ACTAATCCTC
M0007		0.85024				
6	V\$GATA2_01	8	6003	(-)	NNNGATRNNN	ACTAATCCTC
M0020		0.91115				
3	V\$GATA_C	3	6018	(-)	NGATAAGNMNN	ATCATTTATCA
M0012		0.80093				
6	V\$GATA1_02	8	6019	(-)	NNNNNGATANKGNN	TCATTTATCAGCTG
M0012		0.86722				
7	V\$GATA1_03	2	6019	(-)	RNSNNGATAANNGN	TCATTTATCAGCTG
M0012		0.92800				
8	V\$GATA1_04	2	6019	(-)	NNCWGATARNNNN	TCATTTATCAGCT
M0007		0.85932				
5	V\$GATA1_01	9	6021	(-)	SNNGATNNNN	ATTTATCAGC
M0007		0.85069				
6	V\$GATA2_01	9	6021	(-)	NNNGATRNNN	ATTTATCAGC

M0012		0.78270				
7	V\$GATA1_03	5	6028	(+)	RNSNNGATAANNGN	AGCTGTATAACCTT
M0007		0.77739				
5	V\$GATA1_01	4	6058	(-)	SNNGATNNNN	GTACATCATT
M0012		0.81014				
7	V\$GATA1_03	2	6062	(-)	RNSNNGATAANNGN	ATCATTTTCTTCAC
M0007		0.78775				
5	V\$GATA1_01	9	6108	(+)	SNNGATNNNN	GTTGATGAAC
M0012		0.77343				
6	V\$GATA1_02	8	6152	(+)	NNNNNGATANKGNN	TATTTGATAGCTTT
M0012		0.82077				
8	V\$GATA1_04	2	6153	(+)	NNCWGATARNNNN	ATTTGATAGCTTT
M0007		0.85093				
5	V\$GATA1_01	8	6154	(+)	SNNGATNNNN	TTTGATAGCT
M0007		0.85701				
6	V\$GATA2_01	4	6154	(+)	NNNGATRNNN	TTTGATAGCT
M0007		0.83119				
7	V\$GATA3_01	2	6155	(+)	NNGATARNG	TTGATAGCT
M0012		0.81185				
7	V\$GATA1_03	7	6161	(-)	RNSNNGATAANNGN	GCTTTTATACTCAC
M0012		0.80450				
7	V\$GATA1_03	8	6207	(-)	RNSNNGATAANNGN	TCCATTACCCAGAT
M0012		0.82116				
7	V\$GATA1_03	6	6213	(+)	RNSNNGATAANNGN	ACCCAGATGAGAGA
M0007		0.85932				
5	V\$GATA1_01	9	6215	(+)	SNNGATNNNN	CCAGATGAGA
M0007		0.84483				
6	V\$GATA2_01	5	6215	(+)	NNNGATRNNN	CCAGATGAGA
M0007		0.85999				
7	V\$GATA3_01	1	6216	(+)	NNGATARNG	CAGATGAGA
M0007		0.79837				
6	V\$GATA2_01	6	6262	(+)	NNNGATRNNN	GACCATACCA
M0007		0.84032				
6	V\$GATA2_01	5	6269	(+)	NNNGATRNNN	CCACATAGTT
M0012		0.79062				
6	V\$GATA1_02	5	6298	(+)	NNNNNGATANKGNN	TTAAAAATAAGGAT
M0020		0.83473				
3	V\$GATA_C	1	6302	(+)	NGATAAGNMNN	AAATAAGGATT
M0007		0.80651				
5	V\$GATA1_01	5	6306	(+)	SNNGATNNNN	AAGGATTTGG
M0007		0.83130				
6	V\$GATA2_01	4	6306	(+)	NNNGATRNNN	AAGGATTTGG
M0007		0.84359				
7	V\$GATA3_01	8	6307	(+)	NNGATARNG	AGGATTTGG
M0007		0.79747				
6	V\$GATA2_01	4	6314	(+)	NNNGATRNNN	GGGGACAGCA
M0007		0.78664				
6	V\$GATA2_01	9	6354	(+)	NNNGATRNNN	TAACATATTT
M0020		0.90897				
3	V\$GATA_C	8	6357	(-)	NGATAAGNMNN	CATATTTATCT
M0012						
8	V\$GATA1_04	0.89185	6358	(-)	NNCWGATARNNNN	ATATTTATCTAAT
M0007		0.82233				
7	V\$GATA3_01	1	6360	(-)	NNGATARNG	ATTTATCTA
M0012						
8	V\$GATA1_04	0.8125	6370	(+)	NNCWGATARNNNN	TTGTGATATTAA
M0007		0.86870				
5	V\$GATA1_01	7	6371	(+)	SNNGATNNNN	TGTGATATTT
M0007		0.89129				
6	V\$GATA2_01	5	6371	(+)	NNNGATRNNN	TGTGATATTT
M0007		0.82853				
7	V\$GATA3_01	3	6372	(+)	NNGATARNG	GTGATATTT
M0007		0.85932				
5	V\$GATA1_01	9	6402	(+)	SNNGATNNNN	GAAGATTGAT
M0007		0.84077				
6	V\$GATA2_01	6	6402	(+)	NNNGATRNNN	GAAGATTGAT

M0007		0.84138				
7	V\$GATA3_01	2	6403	(+)	NNGATARNG	AAGATTGAT
M0007		0.81885				
5	V\$GATA1_01	5	6406	(+)	SNNGATNNNN	ATTGATTGTT
M0007		0.88598				
5	V\$GATA1_01	2	6460	(+)	SNNGATNNNN	CTTGATGCCT
M0007		0.81235				
6	V\$GATA2_01	9	6460	(+)	NNNGATRNNN	CTTGATGCCT
M0012		0.80720				
7	V\$GATA1_03	2	6477	(+)	RNSNNGATAANNGN	CTCAAGATTACCAC
M0007		0.82329				
5	V\$GATA1_01	7	6479	(+)	SNNGATNNNN	CAAGATTACC
M0007		0.83942				
6	V\$GATA2_01	3	6479	(+)	NNNGATRNNN	CAAGATTACC
M0012		0.78270				
7	V\$GATA1_03	5	6480	(-)	RNSNNGATAANNGN	AAGATTACCACCTT
M0012		0.80769				
7	V\$GATA1_03	2	6496	(+)	RNSNNGATAANNGN	ACCAAGAGAAGTAG
M0007		0.79318				
5	V\$GATA1_01	9	6648	(-)	SNNGATNNNN	TGAAATCAGT
M0007		0.78349				
6	V\$GATA2_01	1	6648	(-)	NNNGATRNNN	TGAAATCAGT
M0020		0.84653				
3	V\$GATA_C	6	6661	(-)	NGATAAGNMNN	GACTATTATCC
M0012		0.80843				
6	V\$GATA1_02	8	6662	(-)	NNNNNGATANKGN	ACTATTATCCAAAG
M0012		0.80181				
7	V\$GATA1_03	3	6662	(-)	RNSNNGATAANNGN	ACTATTATCCAAAG
M0007		0.78258				
6	V\$GATA2_01	9	6664	(-)	NNNGATRNNN	TATTATCCAA
M0007		0.82897				
7	V\$GATA3_01	7	6664	(-)	NNGATARNG	TATTATCCA
M0012		0.78417				
7	V\$GATA1_03	4	6679	(-)	RNSNNGATAANNGN	GTACCTACCACTCT
M0007		0.84501				
5	V\$GATA1_01	5	6725	(-)	SNNGATNNNN	TGAAATCTCC
M0007		0.84167				
6	V\$GATA2_01	8	6725	(-)	NNNGATRNNN	TGAAATCTCC
M0007		0.83429				
7	V\$GATA3_01	3	6725	(-)	NNGATARNG	TGAAATCTC
M0007						
5	V\$GATA1_01	0.86229	6739	(+)	SNNGATNNNN	CCTGATTICA
M0007		0.82498				
6	V\$GATA2_01	9	6739	(+)	NNNGATRNNN	CCTGATTICA
M0007		0.80157				
5	V\$GATA1_01	9	6757	(+)	SNNGATNNNN	TCTGATTICA
M0007		0.81596				
6	V\$GATA2_01	8	6757	(+)	NNNGATRNNN	TCTGATTICA
M0007		0.78726				
5	V\$GATA1_01	6	6776	(+)	SNNGATNNNN	GAAGTTGGGT
M0007		0.78282				
5	V\$GATA1_01	3	6791	(-)	SNNGATNNNN	AGAAATCCTT
M0007		0.83085				
6	V\$GATA2_01	3	6791	(-)	NNNGATRNNN	AGAAATCCTT
M0020		0.83069				
3	V\$GATA_C	3	6843	(-)	NGATAAGNMNN	ATTCTTAAC
M0007		0.83711				
5	V\$GATA1_01	7	6864	(+)	SNNGATNNNN	GAAGATTTTC
M0007		0.84077				
6	V\$GATA2_01	6	6864	(+)	NNNGATRNNN	GAAGATTTTC
M0012		0.78564				
7	V\$GATA1_03	4	6865	(-)	RNSNNGATAANNGN	AAGATTTTCTTCT
M0012		0.78515				
7	V\$GATA1_03	4	6871	(-)	RNSNNGATAANNGN	TTCTTTCTCTTCAC
M0012		0.90568				
7	V\$GATA1_03	3	6904	(+)	RNSNNGATAANNGN	AGGAGGATAATTCA

M0007		0.85291				
5	V\$GATA1_01	2	6906	(+)	SNNGATNNNN	GAGGATAATT
M0007		0.90843				
6	V\$GATA2_01	5	6906	(+)	NNNGATRNNN	GAGGATAATT
M0007		0.82144				
7	V\$GATA3_01	4	6907	(+)	NNGATARNG	AGGATAATT
M0020		0.89375				
3	V\$GATA_C	6	6908	(+)	NGATAAGNMNN	GGATAATTCAT
M0007						
5	V\$GATA1_01	0.78233	6913	(-)	SNNGATNNNN	ATTCATCATA
M0007		0.79972				
6	V\$GATA2_01	9	6913	(-)	NNNGATRNNN	ATTCATCATA
M0012		0.80205				
7	V\$GATA1_03	8	6927	(+)	RNSNNGATAANNGN	ACAATTATAACTGG
M0012		0.78833				
7	V\$GATA1_03	9	6935	(+)	RNSNNGATAANNGN	AACTGGATTATGGA
M0007		0.80898				
5	V\$GATA1_01	3	6937	(+)	SNNGATNNNN	CTGGATTATG
M0007		0.83030				
7	V\$GATA3_01	6	6938	(+)	NNGATARNG	TGGATTATG
M0007						
5	V\$GATA1_01	0.80306	6974	(+)	SNNGATNNNN	CAGGATGAAC
M0007		0.83085				
6	V\$GATA2_01	3	6974	(+)	NNNGATRNNN	CAGGATGAAC
M0007						
5	V\$GATA1_01	0.78233	6986	(+)	SNNGATNNNN	CAGGATAAAA
M0007		0.83310				
6	V\$GATA2_01	8	6986	(+)	NNNGATRNNN	CAGGATAAAA
M0007		0.83340				
7	V\$GATA3_01	7	6987	(+)	NNGATARNG	AGGATAAAA
M0020		0.89810				
3	V\$GATA_C	5	6988	(+)	NGATAAGNMNN	GGATAAAATCC
M0007		0.77591				
5	V\$GATA1_01	3	6991	(-)	SNNGATNNNN	TAAAATCCAC
M0012		0.80406				
6	V\$GATA1_02	2	7023	(-)	NNNNNGATANKGNN	TAGTCTATCCCTTC
M0012		0.79789				
7	V\$GATA1_03	3	7023	(-)	RNSNNGATAANNGN	TAGTCTATCCCTTC
M0007		0.82773				
5	V\$GATA1_01	9	7025	(-)	SNNGATNNNN	GTCTATCCCT
M0007		0.87731				
6	V\$GATA2_01	2	7025	(-)	NNNGATRNNN	GTCTATCCCT
M0007		0.84714				
7	V\$GATA3_01	2	7025	(-)	NNGATARNG	GTCTATCCC
M0007		0.87956				
5	V\$GATA1_01	6	7042	(-)	SNNGATNNNN	GCCCATCCCT
M0007		0.89535				
6	V\$GATA2_01	4	7042	(-)	NNNGATRNNN	GCCCATCCCT
M0007		0.83429				
7	V\$GATA3_01	3	7042	(-)	NNGATARNG	GCCCATCCC
M0012		0.81014				
7	V\$GATA1_03	2	7046	(-)	RNSNNGATAANNGN	ATCCCTAACAGCCT
M0012		0.81219				
8	V\$GATA1_04	4	7046	(-)	NNCWGATARNNNN	ATCCCTAACAGCC
M0007		0.84007				
5	V\$GATA1_01	9	7048	(-)	SNNGATNNNN	CCCTAACAGC
M0007		0.80198				
6	V\$GATA2_01	5	7048	(-)	NNNGATRNNN	CCCTAACAGC
M0007		0.87561				
5	V\$GATA1_01	7	7066	(-)	SNNGATNNNN	AAACATCCTG
M0007						
6	V\$GATA2_01	0.88949	7066	(-)	NNNGATRNNN	AAACATCCTG
M0007		0.78394				
6	V\$GATA2_01	2	7150	(-)	NNNGATRNNN	GACTATGGTT
M0012		0.78466				
7	V\$GATA1_03	4	7185	(-)	RNSNNGATAANNGN	CTAAATATCCAGTT

M0007		0.83958				
5	V\$GATA1_01	5	7187	(-)	SNNGATNNNN	AAATATCCAG
M0007		0.83626				
6	V\$GATA2_01	5	7187	(-)	NNNGATRNNN	AAATATCCAG
M0007		0.86377				
5	V\$GATA1_01	1	7232	(+)	SNNGATNNNN	ACTGATGTTG
M0007		0.84348				
6	V\$GATA2_01	2	7232	(+)	NNNGATRNNN	ACTGATGTTG
M0012		0.80573				
7	V\$GATA1_03	2	7236	(+)	RNSNNGATAANNGN	ATGTTGAAAAGCTG
M0007		0.77492				
5	V\$GATA1_01	6	7309	(-)	SNNGATNNNN	AACCGTCATG
M0007		0.84049				
7	V\$GATA3_01	6	7341	(-)	NNGATARNG	CCCTTTCTC
M0012		0.82165				
7	V\$GATA1_03	6	7341	(-)	RNSNNGATAANNGN	CCCTTTCTCAGCCC
M0012		0.81096				
8	V\$GATA1_04	8	7341	(-)	NNCWGATARNNNN	CCCTTTCTCAGCC
M0012		0.79093				
6	V\$GATA1_02	7	7389	(+)	NNNNNGATANKGNN	AGAGAGATATGCCC
M0012		0.81847				
7	V\$GATA1_03	1	7389	(+)	RNSNNGATAANNGN	AGAGAGATATGCCC
M0012		0.86090				
8	V\$GATA1_04	7	7390	(+)	NNCWGATARNNNN	GAGAGATATGCCC
M0007		0.83711				
5	V\$GATA1_01	7	7391	(+)	SNNGATNNNN	AGAGATATGC
M0007		0.87280				
6	V\$GATA2_01	1	7391	(+)	NNNGATRNNN	AGAGATATGC
M0007						
7	V\$GATA3_01	0.87284	7392	(+)	NNGATARNG	GAGATATGC
M0007						
6	V\$GATA2_01	0.84258	7393	(-)	NNNGATRNNN	AGATATGCCC
M0020		0.90556				
3	V\$GATA_C	1	7393	(+)	NGATAAGNMNN	AGATATGCCCA
M0007		0.88400				
5	V\$GATA1_01	8	7399	(-)	SNNGATNNNN	GCCCATCCAG
M0007		0.84709				
6	V\$GATA2_01	1	7399	(-)	NNNGATRNNN	GCCCATCCAG
M0020		0.84467				
3	V\$GATA_C	2	7438	(-)	NGATAAGNMNN	TGGTCCTGTCC
M0007		0.86080				
5	V\$GATA1_01	9	7503	(+)	SNNGATNNNN	TCTGATGTTT
M0007		0.86287				
6	V\$GATA2_01	8	7503	(+)	NNNGATRNNN	TCTGATGTTT
M0012		0.82291				
8	V\$GATA1_04	7	7513	(+)	NNCWGATARNNNN	GTATGATATTTGA
M0007		0.84007				
5	V\$GATA1_01	9	7514	(+)	SNNGATNNNN	TATGATATTT
M0007		0.88317				
6	V\$GATA2_01	5	7514	(+)	NNNGATRNNN	TATGATATTT
M0007		0.77196				
5	V\$GATA1_01	4	7545	(-)	SNNGATNNNN	AAAAATCAAT
M0007		0.82408				
6	V\$GATA2_01	7	7573	(+)	NNNGATRNNN	AAGCATAGCT
M0007						
6	V\$GATA2_01	0.78304	7582	(+)	NNNGATRNNN	TGAGATTAAT
M0007		0.83030				
7	V\$GATA3_01	6	7583	(+)	NNGATARNG	GAGATTAAT
M0007		0.81441				
5	V\$GATA1_01	3	7589	(+)	SNNGATNNNN	AATGATTCTC
M0007		0.79386				
6	V\$GATA2_01	6	7589	(+)	NNNGATRNNN	AATGATTCTC
M0012		0.82386				
7	V\$GATA1_03	1	7590	(-)	RNSNNGATAANNGN	ATGATTCTCAGCAT
M0012		0.78270				
7	V\$GATA1_03	5	7621	(+)	RNSNNGATAANNGN	AGCTGGAAAACCTT

M0007		0.79911				
5	V\$GATA1_01	2	7629	(-)	SNNGATNNNN	AACCTTCACC
M0007		0.81391				
5	V\$GATA1_01	9	7651	(+)	SNNGATNNNN	CCAGATCTCA
M0007		0.82033				
5	V\$GATA1_01	6	7651	(-)	SNNGATNNNN	CCAGATCTCA
M0007		0.83626				
6	V\$GATA2_01	5	7651	(+)	NNNGATRNNN	CCAGATCTCA
M0007		0.85746				
6	V\$GATA2_01	5	7651	(-)	NNNGATRNNN	CCAGATCTCA
M0007		0.82410				
7	V\$GATA3_01	3	7651	(-)	NNGATARNG	CCAGATCTC
M0007		0.91312				
5	V\$GATA1_01	9	7679	(+)	SNNGATNNNN	GGAGATTCTG
M0007		0.87686				
6	V\$GATA2_01	1	7679	(+)	NNNGATRNNN	GGAGATTCTG
M0007		0.86619				
7	V\$GATA3_01	4	7680	(+)	NNGATARNG	GAGATTCTG
M0012		0.80187				
6	V\$GATA1_02	5	7731	(-)	NNNNNGATANKGNN	AATAATATCATGGA
M0007		0.86525				
5	V\$GATA1_01	2	7733	(-)	SNNGATNNNN	TAATATCATG
M0007		0.86242				
6	V\$GATA2_01	7	7733	(-)	NNNGATRNNN	TAATATCATG
M0007		0.84315				
7	V\$GATA3_01	5	7733	(-)	NNGATARNG	TAATATCAT
M0007		0.83562				
7	V\$GATA3_01	3	7773	(+)	NNGATARNG	TAGATGAAG
M0007		0.79417				
5	V\$GATA1_01	6	7775	(+)	SNNGATNNNN	GATGAAGGGG
M0007		0.82971				
5	V\$GATA1_01	4	7781	(+)	SNNGATNNNN	GGGGATTAAG
M0007		0.82498				
6	V\$GATA2_01	9	7781	(+)	NNNGATRNNN	GGGGATTAAG
M0007		0.85201				
7	V\$GATA3_01	6	7782	(+)	NNGATARNG	GGGATTAAG
M0012		0.81843				
6	V\$GATA1_02	8	7811	(+)	NNNNNGATANKGNN	AACTTGATAATCTC
M0012		0.87922				
7	V\$GATA1_03	6	7811	(+)	RNSNNGATAANNGN	AACTTGATAATCTC
M0007		0.83168				
5	V\$GATA1_01	8	7813	(+)	SNNGATNNNN	CTTGATAATC
M0007		0.79206				
6	V\$GATA2_01	1	7813	(+)	NNNGATRNNN	CTTGATAATC
M0020		0.84995				
3	V\$GATA_C	3	7815	(+)	NGATAAGNMNN	TGATAATCTCA
M0007		0.79121				
5	V\$GATA1_01	4	7816	(-)	SNNGATNNNN	GATAATCTCA
M0007		0.81957				
6	V\$GATA2_01	6	7816	(-)	NNNGATRNNN	GATAATCTCA
M0007		0.85024				
7	V\$GATA3_01	4	7816	(-)	NNGATARNG	GATAATCTC
M0007		0.85686				
5	V\$GATA1_01	1	7918	(-)	SNNGATNNNN	TCACATCTTG
M0007		0.85160				
6	V\$GATA2_01	1	7918	(-)	NNNGATRNNN	TCACATCTTG
M0007						
7	V\$GATA3_01	0.83385	7918	(-)	NNGATARNG	TCACATCTT
M0012		0.77093				
6	V\$GATA1_02	8	7928	(+)	NNNNNGATANKGNN	TTTTTGATATATGA
M0007		0.79206				
6	V\$GATA2_01	1	7940	(+)	NNNGATRNNN	GAGCATATGA
M0007		0.79521				
6	V\$GATA2_01	9	7942	(-)	NNNGATRNNN	GCATATGAGG
M0007						
5	V\$GATA1_01	0.8692	7961	(+)	SNNGATNNNN	TGAGATGCTT

M0007		0.88543				
6	V\$GATA2_01	1	7961	(+)	NNNGATRNNN	TGAGATGCTT
M0007		0.81194				
5	V\$GATA1_01	5	8065	(+)	SNNGATNNNN	GAGGATTTCa
M0007		0.84799				
6	V\$GATA2_01	3	8065	(+)	NNNGATRNNN	GAGGATTTCa
M0007		0.83909				
5	V\$GATA1_01	2	8111	(+)	SNNGATNNNN	GGAGATTAGA
M0007		0.81416				
6	V\$GATA2_01	3	8111	(+)	NNNGATRNNN	GGAGATTAGA
M0007		0.90296				
7	V\$GATA3_01	9	8112	(+)	NNGATARNG	GAGATTAGA
M0007		0.78282				
5	V\$GATA1_01	3	8126	(+)	SNNGATNNNN	ACTGATCATT
M0007		0.77443				
5	V\$GATA1_01	2	8126	(-)	SNNGATNNNN	ACTGATCATT
M0020		0.84280				
3	V\$GATA_C	8	8141	(-)	NGATAAGNMNN	AGTTAATATCT
M0012		0.80812				
6	V\$GATA1_02	5	8142	(-)	NNNNNGATANKGNN	GTTAATATCTTTTA
M0012		0.84589				
8	V\$GATA1_04	5	8142	(-)	NNCWGATARNNNN	GTTAATATCTTTT
M0007						
5	V\$GATA1_01	0.77542	8144	(-)	SNNGATNNNN	TAATATCTTT
M0007		0.83220				
6	V\$GATA2_01	6	8144	(-)	NNNGATRNNN	TAATATCTTT
M0007		0.86663				
7	V\$GATA3_01	7	8144	(-)	NNGATARNG	TAATATCTT
M0012		0.81343				
6	V\$GATA1_02	8	8166	(+)	NNNNNGATANKGNN	TCCTGGATAAGACC
M0007		0.79812				
5	V\$GATA1_01	4	8168	(+)	SNNGATNNNN	CTGGATAAGA
M0007		0.79792				
6	V\$GATA2_01	5	8168	(+)	NNNGATRNNN	CTGGATAAGA
M0007		0.84980				
7	V\$GATA3_01	1	8169	(+)	NNGATARNG	TGGATAAGA
M0020		0.96831				
3	V\$GATA_C	3	8170	(+)	NGATAAGNMNN	GGATAAGACCC
M0020		0.89127				
3	V\$GATA_C	1	8190	(-)	NGATAAGNMNN	AATTTCTATCA
M0012		0.82062				
6	V\$GATA1_02	5	8191	(-)	NNNNNGATANKGNN	ATTTCTATCAGTAT
M0012		0.84884				
7	V\$GATA1_03	9	8191	(-)	RNSNNGATAANNNGN	ATTTCTATCAGTAT
M0012		0.91023				
8	V\$GATA1_04	3	8191	(-)	NNCWGATARNNNN	ATTTCTATCAGTA
M0007		0.82428				
5	V\$GATA1_01	4	8193	(-)	SNNGATNNNN	TTCTATCAGT
M0007						
6	V\$GATA2_01	0.82544	8193	(-)	NNNGATRNNN	TTCTATCAGT
M0007		0.87771				
7	V\$GATA3_01	4	8193	(-)	NNGATARNG	TTCTATCAG
M0012		0.79519				
7	V\$GATA1_03	8	8197	(+)	RNSNNGATAANNNGN	ATCAGTATACCAGC
M0007		0.78134				
5	V\$GATA1_01	3	8213	(+)	SNNGATNNNN	AAAGATTAGT
M0007		0.78890				
6	V\$GATA2_01	4	8213	(+)	NNNGATRNNN	AAAGATTAGT
M0007		0.85378				
7	V\$GATA3_01	8	8214	(+)	NNGATARNG	AAGATTAGT
M0007						
5	V\$GATA1_01	0.82922	8238	(+)	SNNGATNNNN	AGTGATTGAC
M0007						
6	V\$GATA2_01	0.7871	8238	(+)	NNNGATRNNN	AGTGATTGAC
M0007		0.83517				
7	V\$GATA3_01	9	8239	(+)	NNGATARNG	GTGATTGAC

M0012		0.78882				
7	V\$GATA1_03	9	8246	(-)	RNSNNGATAANNGN	ACTGTTATTTACTG
M0020		0.88878				
3	V\$GATA_C	5	8267	(-)	NGATAAGNMNN	ATTATGTATCT
M0012						
6	V\$GATA1_02	0.8	8268	(-)	NNNNNGATANKGNN	TTATGTATCTGTTA
M0012		0.83976				
8	V\$GATA1_04	7	8268	(-)	NNCWGATARNNNN	TTATGTATCTGTT
M0007		0.81342				
5	V\$GATA1_01	5	8270	(-)	SNNGATNNNN	ATGTATCTGT
M0007		0.84122				
6	V\$GATA2_01	7	8270	(-)	NNNGATRNNN	ATGTATCTGT
M0007		0.78479				
5	V\$GATA1_01	8	8320	(+)	SNNGATNNNN	ACAGATTTGA
M0007		0.78213				
6	V\$GATA2_01	8	8320	(+)	NNNGATRNNN	ACAGATTTGA
M0007		0.84802				
7	V\$GATA3_01	8	8321	(+)	NNGATARNG	CAGATTTGA
M0007		0.83958				
5	V\$GATA1_01	5	8325	(+)	SNNGATNNNN	TTTGATTGGT
M0007		0.83429				
7	V\$GATA3_01	3	8326	(+)	NNGATARNG	TTGATTGGT
M0012		0.80083				
7	V\$GATA1_03	3	8345	(-)	RNSNNGATAANNGN	TTGCCTATATCCTT
M0020		0.84933				
3	V\$GATA_C	2	8346	(-)	NGATAAGNMNN	TGCCTATATCC
M0012		0.78437				
6	V\$GATA1_02	5	8347	(-)	NNNNNGATANKGNN	GCCTATATCCTTAT
M0012		0.80548				
7	V\$GATA1_03	8	8347	(-)	RNSNNGATAANNGN	GCCTATATCCTTAT
M0007		0.77838				
5	V\$GATA1_01	1	8349	(-)	SNNGATNNNN	CTATATCCTT
M0007		0.84934				
6	V\$GATA2_01	6	8349	(-)	NNNGATRNNN	CTATATCCTT
M0007		0.83650				
7	V\$GATA3_01	9	8349	(-)	NNGATARNG	CTATATCCT
M0007		0.78331				
5	V\$GATA1_01	7	8362	(+)	SNNGATNNNN	ATTGATTGTA
M0007						
7	V\$GATA3_01	0.84537	8363	(+)	NNGATARNG	TTGATTGTA
M0007		0.82543				
7	V\$GATA3_01	2	8368	(-)	NNGATARNG	TGTAATCAT
M0007		0.79269				
5	V\$GATA1_01	5	8420	(+)	SNNGATNNNN	CCTGTTAGAG
M0007		0.80898				
5	V\$GATA1_01	3	8438	(-)	SNNGATNNNN	AAAGATCAAC
M0020		0.83069				
3	V\$GATA_C	3	8457	(-)	NGATAAGNMNN	ATTTCTAATCT
M0007		0.77887				
5	V\$GATA1_01	5	8460	(-)	SNNGATNNNN	TCTAATCTAG
M0007						
7	V\$GATA3_01	0.86132	8460	(-)	NNGATARNG	TCTAATCTA
M0012		0.81700				
7	V\$GATA1_03	1	8469	(-)	RNSNNGATAANNGN	GTCATTATGAGCTT
M0007		0.79612				
6	V\$GATA2_01	1	8471	(-)	NNNGATRNNN	CATTATGAGC
M0020		0.94687				
3	V\$GATA_C	8	8486	(-)	NGATAAGNMNN	TTGTTTTATCT
M0012		0.77062				
6	V\$GATA1_02	5	8487	(-)	NNNNNGATANKGNN	TGTTTTATCTCACT
M0012		0.80009				
7	V\$GATA1_03	8	8487	(-)	RNSNNGATAANNGN	TGTTTTATCTCACT
M0012		0.90257				
8	V\$GATA1_04	4	8487	(-)	NNCWGATARNNNN	TGTTTTATCTCAC
M0007		0.81777				
6	V\$GATA2_01	2	8489	(-)	NNNGATRNNN	TTTTATCTCA

M0007		0.89587				
7	V\$GATA3_01	9	8489	(-)	NNGATARNG	TTTTATCTC
M0012		0.91562				
6	V\$GATA1_02	5	8551	(+)	NNNNNGATANKGNN	GTCCAGATATGGGA
M0012		0.83047				
7	V\$GATA1_03	5	8551	(+)	RNSNNGATAANNGN	GTCCAGATATGGGA
M0012		0.90716				
8	V\$GATA1_04	9	8552	(+)	NNCWGATARNNNN	TCCAGATATGGGA
M0007		0.92448				
5	V\$GATA1_01	2	8553	(+)	SNNGATNNNN	CCAGATATGG
M0007		0.93098				
6	V\$GATA2_01	8	8553	(+)	NNNGATRNNN	CCAGATATGG
M0007		0.91670				
7	V\$GATA3_01	4	8554	(+)	NNGATARNG	CAGATATGG
M0007		0.81055				
6	V\$GATA2_01	5	8555	(-)	NNNGATRNNN	AGATATGGGA
M0020		0.87076				
3	V\$GATA_C	7	8555	(+)	NGATAAGNMNN	AGATATGGGAC
M0012		0.78515				
7	V\$GATA1_03	4	8571	(+)	RNSNNGATAANNGN	AGGGGAATAGCATA
M0012		0.79218				
6	V\$GATA1_02	8	8587	(+)	NNNNNGATANKGNN	GTTTTGATATCTT
M0007						
5	V\$GATA1_01	0.78924	8589	(+)	SNNGATNNNN	TTTGATATTC
M0007		0.79792				
6	V\$GATA2_01	5	8589	(+)	NNNGATRNNN	TTTGATATTC
M0012						
6	V\$GATA1_02	0.79375	8599	(+)	NNNNNGATANKGNN	TTAAAGATATACAT
M0012		0.84252				
8	V\$GATA1_04	5	8600	(+)	NNCWGATARNNNN	TAAAGATATACAT
M0007		0.81822				
6	V\$GATA2_01	3	8601	(+)	NNNGATRNNN	AAAGATATAC
M0020		0.85243				
3	V\$GATA_C	9	8603	(+)	NGATAAGNMNN	AGATATACATC
M0007		0.77147				
5	V\$GATA1_01	1	8607	(-)	SNNGATNNNN	ATACATCTTT
M0007		0.79341				
6	V\$GATA2_01	5	8607	(-)	NNNGATRNNN	ATACATCTTT
M0012		0.80720				
7	V\$GATA1_03	2	8616	(-)	RNSNNGATAANNGN	TTTGTGATCATGAT
M0007		0.81046				
5	V\$GATA1_01	4	8618	(+)	SNNGATNNNN	TGTGATCATG
M0007		0.79565				
5	V\$GATA1_01	6	8618	(-)	SNNGATNNNN	TGTGATCATG
M0007		0.82498				
6	V\$GATA2_01	9	8618	(+)	NNNGATRNNN	TGTGATCATG
M0007		0.80198				
6	V\$GATA2_01	5	8618	(-)	NNNGATRNNN	TGTGATCATG
M0007		0.87018				
5	V\$GATA1_01	8	8624	(+)	SNNGATNNNN	CATGATTCAG
M0007		0.81190				
6	V\$GATA2_01	8	8624	(+)	NNNGATRNNN	CATGATTCAG
M0012		0.82781				
6	V\$GATA1_02	3	8662	(+)	NNNNNGATANKGNN	GAGCCGATACTTGG
M0012		0.79299				
7	V\$GATA1_03	4	8662	(+)	RNSNNGATAANNGN	GAGCCGATACTTGG
M0007		0.93237				
5	V\$GATA1_01	9	8664	(+)	SNNGATNNNN	GCCGATACTT
M0007		0.92512				
6	V\$GATA2_01	4	8664	(+)	NNNGATRNNN	GCCGATACTT
M0012		0.91406				
6	V\$GATA1_02	2	8698	(+)	NNNNNGATANKGNN	TTTAAGATAAGGCA
M0012		0.94117				
8	V\$GATA1_04	6	8699	(+)	NNCWGATARNNNN	TTAAGATAAGGCA
M0007		0.82477				
5	V\$GATA1_01	8	8700	(+)	SNNGATNNNN	TAAGATAAGG

M0007		0.89896				
6	V\$GATA2_01	3	8700	(+)	NNNGATRNNN	TAAGATAAGG
M0007		0.95436				
7	V\$GATA3_01	4	8701	(+)	NNGATARNG	AAGATAAGG
M0020		0.97514				
3	V\$GATA_C	8	8702	(+)	NGATAAGNMNN	AGATAAGGCAC
M0007		0.83130				
6	V\$GATA2_01	4	8712	(+)	NNNGATRNNN	CAGCATGGTG
M0007		0.78845				
6	V\$GATA2_01	3	8712	(-)	NNNGATRNNN	CAGCATGGTG
M0007		0.79565				
5	V\$GATA1_01	6	8731	(+)	SNNGATNNNN	TAAGATTTCT
M0007		0.84889				
6	V\$GATA2_01	5	8731	(+)	NNNGATRNNN	TAAGATTTCT
M0007		0.80157				
5	V\$GATA1_01	9	8776	(+)	SNNGATNNNN	TGAGATGAAG
M0007		0.83220				
6	V\$GATA2_01	6	8776	(+)	NNNGATRNNN	TGAGATGAAG
M0007		0.87727				
7	V\$GATA3_01	1	8777	(+)	NNGATARNG	GAGATGAAG
M0007						
6	V\$GATA2_01	0.79161	8847	(-)	NNNGATRNNN	AAATATGGCA
M0007						
7	V\$GATA3_01	0.82809	8861	(-)	NNGATARNG	TTCAATCCT
M0007		0.84698				
5	V\$GATA1_01	9	8869	(-)	SNNGATNNNN	TTGCATCATG
M0007		0.80514				
6	V\$GATA2_01	2	8869	(-)	NNNGATRNNN	TTGCATCATG
M0012		0.80312				
6	V\$GATA1_02	5	8881	(+)	NNNNNGATANKGNN	ACTAAGATAATTTT
M0012		0.78980				
7	V\$GATA1_03	9	8881	(+)	RNSNNGATAANNNGN	ACTAAGATAATTTT
M0007		0.80108				
5	V\$GATA1_01	6	8883	(+)	SNNGATNNNN	TAAGATAATT
M0007		0.87956				
6	V\$GATA2_01	7	8883	(+)	NNNGATRNNN	TAAGATAATT
M0007		0.86663				
7	V\$GATA3_01	7	8884	(+)	NNGATARNG	AAGATAATT
M0020		0.86113				
3	V\$GATA_C	7	8885	(+)	NGATAAGNMNN	AGATAATTTTT
M0007		0.78123				
6	V\$GATA2_01	6	8953	(-)	NNNGATRNNN	TTTCATCTTA
M0007		0.82498				
7	V\$GATA3_01	9	8953	(-)	NNGATARNG	TTTCATCTT
M0020		0.83224				
3	V\$GATA_C	6	9037	(-)	NGATAAGNMNN	TGGAAATATCA
M0012		0.79031				
6	V\$GATA1_02	2	9038	(-)	NNNNNGATANKGNN	GGAAATATCATGAA
M0012		0.81893				
8	V\$GATA1_04	4	9038	(-)	NNCWGATARNNNN	GGAAATATCATGA
M0007						
5	V\$GATA1_01	0.90079	9040	(-)	SNNGATNNNN	AAATATCATG
M0007		0.89219				
6	V\$GATA2_01	7	9040	(-)	NNNGATRNNN	AAATATCATG
M0020		0.86144				
3	V\$GATA_C	8	9048	(-)	NGATAAGNMNN	TGAACATATCA
M0007		0.79025				
6	V\$GATA2_01	7	9049	(+)	NNNGATRNNN	GAACATATCA
M0007		0.81638				
5	V\$GATA1_01	7	9051	(-)	SNNGATNNNN	ACATATCAAA
M0007		0.80784				
6	V\$GATA2_01	8	9051	(-)	NNNGATRNNN	ACATATCAAA
M0007		0.82675				
5	V\$GATA1_01	2	9087	(+)	SNNGATNNNN	TGTGATTATT
M0007		0.81190				
6	V\$GATA2_01	8	9087	(+)	NNNGATRNNN	TGTGATTATT

M0007		0.82676				
7	V\$GATA3_01	1	9088	(+)	NNGATARNG	GTGATTATT
M0007		0.77245				
5	V\$GATA1_01	8	9105	(-)	SNNGATNNNN	AAGAATCTAT
M0022		0.80262				
3	V\$STAT_01	2	161	(-)	TTCCCRKAA	TTAAGATAA
M0022		0.85354				
3	V\$STAT_01	2	251	(-)	TTCCCRKAA	TTTTAGGAA
M0022		0.79253				
3	V\$STAT_01	8	544	(+)	TTCCCRKAA	TTATCAAAA
M0022		0.93899				
3	V\$STAT_01	7	554	(+)	TTCCCRKAA	TTCTCAGAA
M0022		0.90244				
3	V\$STAT_01	5	554	(-)	TTCCCRKAA	TTCTCAGAA
M0022		0.72929				
4	V\$STAT1_01	4	689	(+)	NNNSANTTCCGGGAANTGNSN	AGAGAATGCCAGGAAACAAAA
M0022		0.72567				
4	V\$STAT1_01	1	689	(-)	NNNSANTTCCGGGAANTGNSN	AGAGAATGCCAGGAAACAAAA
M0022		0.74641				
5	V\$STAT3_01	6	689	(+)	NGNNATTTCCSGGAARTGNNN	AGAGAATGCCAGGAAACAAAA
M0022		0.75872				
5	V\$STAT3_01	6	689	(-)	NGNNATTTCCSGGAARTGNNN	AGAGAATGCCAGGAAACAAAA
M0022						
3	V\$STAT_01	0.91152	695	(-)	TTCCCRKAA	TGCCAGGAA
M0022		0.83967				
3	V\$STAT_01	7	845	(-)	TTCCCRKAA	TTCTAGGTA
M0022		0.81673				
3	V\$STAT_01	8	875	(-)	TTCCCRKAA	TGACAATAA
M0022		0.79959				
3	V\$STAT_01	7	889	(+)	TTCCCRKAA	TTTTTAGAA
M0022		0.80262				
3	V\$STAT_01	2	965	(+)	TTCCCRKAA	TTTTCTTAA
M0022		0.82682				
3	V\$STAT_01	1	1038	(-)	TTCCCRKAA	TTTCAAGAA
M0022		0.79253				
3	V\$STAT_01	8	1048	(-)	TTCCCRKAA	TTATAAAAA
M0022		0.81295				
3	V\$STAT_01	7	1314	(-)	TTCCCRKAA	GTCCAAGAA
M0022						
4	V\$STAT1_01	0.77507	1370	(+)	NNNSANTTCCGGGAANTGNSN	GAAGTCTTACTGGAAATAAAA
M0022						
5	V\$STAT3_01	0.77147	1370	(-)	NGNNATTTCCSGGAARTGNNN	GAAGTCTTACTGGAAATAAAA
M0022		0.92941				
3	V\$STAT_01	8	1376	(+)	TTCCCRKAA	TTACTGGAA
M0022		0.88757				
3	V\$STAT_01	2	1376	(-)	TTCCCRKAA	TTACTGGAA
M0022		0.73357				
4	V\$STAT1_01	5	1545	(-)	NNNSANTTCCGGGAANTGNSN	GCTCTAATCCCAGAATCTAAG
M0022		0.86639				
3	V\$STAT_01	8	1551	(+)	TTCCCRKAA	ATCCCAGAA
M0022		0.80312				
3	V\$STAT_01	6	1551	(-)	TTCCCRKAA	ATCCCAGAA
M0022		0.85354				
3	V\$STAT_01	2	1628	(+)	TTCCCRKAA	TTTCTGTAA
M0022		0.81673				
3	V\$STAT_01	8	1661	(-)	TTCCCRKAA	TTCCAAAAA
M0022		0.82631				
3	V\$STAT_01	7	1723	(+)	TTCCCRKAA	TTAGCAGAA
M0022						
3	V\$STAT_01	0.87875	1723	(-)	TTCCCRKAA	TTAGCAGAA
M0022		0.71469				
5	V\$STAT3_01	9	1754	(-)	NGNNATTTCCSGGAARTGNNN	AAACATTAACCTGAAATGTAA
M0022		0.79052				
3	V\$STAT_01	2	1785	(-)	TTCCCRKAA	TAATAGTAA
M0022		0.80589				
3	V\$STAT_01	9	1964	(+)	TTCCCRKAA	TCCTTGTA

M0022						
4	V\$STAT1_01	0.73127	2035	(+)	NNNSANTTCCGGGAANTGNSN	TCCCATTACAGGAATCGAGA
M0022		0.74032				
4	V\$STAT1_01	6	2035	(-)	NNNSANTTCCGGGAANTGNSN	TCCCATTACAGGAATCGAGA
M0022		0.74308				
5	V\$STAT3_01	5	2035	(-)	NGNNATTTCCSGGAARTGNNN	TCCCATTACAGGAATCGAGA
M0022		0.85152				
3	V\$STAT_01	5	2041	(-)	TTCCCRKAA	TCACAGGAA
M0022		0.85051				
3	V\$STAT_01	7	2230	(-)	TTCCCRKAA	TGCTAAGAA
M0022		0.80589				
3	V\$STAT_01	9	2491	(+)	TTCCCRKAA	TTACTGTAG
M0022		0.86135				
3	V\$STAT_01	6	2586	(-)	TTCCCRKAA	TTATAATAA
M0022		0.79984				
3	V\$STAT_01	9	2652	(+)	TTCCCRKAA	TTAAGGTAA
M0022		0.84648				
3	V\$STAT_01	3	2652	(-)	TTCCCRKAA	TTAAGGTAA
M0022		0.80589				
3	V\$STAT_01	9	2902	(+)	TTCCCRKAA	TAAGTGTAA
M0022		0.82631				
3	V\$STAT_01	7	2933	(+)	TTCCCRKAA	TTAGCAGAA
M0022						
3	V\$STAT_01	0.87875	2933	(-)	TTCCCRKAA	TTAGCAGAA
M0022		0.77474				
4	V\$STAT1_01	1	3028	(+)	NNNSANTTCCGGGAANTGNSN	GGCAATTTCCAGATTAGAG
M0022		0.73888				
5	V\$STAT3_01	5	3028	(+)	NGNNATTTCCSGGAARTGNNN	GGCAATTTCCAGATTAGAG
M0022		0.73743				
5	V\$STAT3_01	7	3028	(-)	NGNNATTTCCSGGAARTGNNN	GGCAATTTCCAGATTAGAG
M0022		0.86639				
3	V\$STAT_01	8	3034	(+)	TTCCCRKAA	TTCCAGAT
M0022		0.80312				
3	V\$STAT_01	6	3034	(-)	TTCCCRKAA	TTCCAGAT
M0022		0.81976				
3	V\$STAT_01	3	3043	(-)	TTCCCRKAA	TTAGAGCAA
M0022						
3	V\$STAT_01	0.80968	3077	(-)	TTCCCRKAA	TTACATTAA
M0022		0.71223				
5	V\$STAT3_01	8	3102	(-)	NGNNATTTCCSGGAARTGNNN	TACTCTTGCCTGGAAAACCCC
M0022		0.85681				
3	V\$STAT_01	9	3108	(+)	TTCCCRKAA	TGCCTGGAA
M0022		0.83287				
3	V\$STAT_01	1	3108	(-)	TTCCCRKAA	TGCCTGGAA
M0022		0.86362				
3	V\$STAT_01	5	3530	(-)	TTCCCRKAA	TTAAAGGAA
M0022		0.84371				
3	V\$STAT_01	1	3561	(+)	TTCCCRKAA	TTCTAGTAA
M0022		0.91227				
3	V\$STAT_01	6	3561	(-)	TTCCCRKAA	TTCTAGTAA
M0022		0.88555				
3	V\$STAT_01	6	3586	(+)	TTCCCRKAA	TTATTGGAA
M0022		0.87043				
3	V\$STAT_01	1	3586	(-)	TTCCCRKAA	TTATTGGAA
M0022		0.79581				
3	V\$STAT_01	5	3814	(-)	TTCCCRKAA	ATCTAGTAA
M0022		0.80470				
4	V\$STAT1_01	9	4052	(-)	NNNSANTTCCGGGAANTGNSN	CCCCATTCTGGGATTCTCC
M0022		0.71600				
5	V\$STAT3_01	3	4052	(-)	NGNNATTTCCSGGAARTGNNN	CCCCATTCTGGGATTCTCC
M0022		0.85858				
3	V\$STAT_01	3	4058	(+)	TTCCCRKAA	TTCTGGGA
M0022		0.83287				
3	V\$STAT_01	1	4212	(+)	TTCCCRKAA	TTCCAGGCA
M0022		0.85681				
3	V\$STAT_01	9	4212	(-)	TTCCCRKAA	TTCCAGGCA

M0022		0.85354				
3	V\$STAT_01	2	4248	(+)	TTCCCRKAA	TTCTCTGAA
M0022		0.83362				
3	V\$STAT_01	7	4248	(-)	TTCCCRKAA	TTCTCTGAA
M0022		0.83261				
3	V\$STAT_01	9	4262	(-)	TTCCCRKAA	TTATAGGAG
M0022		0.90521				
3	V\$STAT_01	8	4280	(+)	TTCCCRKAA	TTCTTATAA
M0022		0.81295				
3	V\$STAT_01	7	4361	(+)	TTCCCRKAA	TCCTTGGA
M0022		0.79304				
3	V\$STAT_01	3	4364	(-)	TTCCCRKAA	TTGGAAGAA
M0022						
5	V\$STAT3_01	0.73092	4450	(+)	NGNNATTTCCSGGAARTGNNN	ATGGTTTTCCAGTAGTCATG
M0022		0.86816				
3	V\$STAT_01	2	4456	(+)	TTCCCRKAA	TTCCCAGTA
M0022		0.80312				
3	V\$STAT_01	6	4456	(-)	TTCCCRKAA	TTCCCAGTA
M0022		0.80463				
3	V\$STAT_01	8	4704	(-)	TTCCCRKAA	TGCTGGGAG
M0022		0.76617				
4	V\$STAT1_01	8	4793	(+)	NNNSANTTCCGGGAANTGNSN	AGTGAAC TCCGGGAGTTGGTG
M0022		0.74806				
4	V\$STAT1_01	5	4793	(-)	NNNSANTTCCGGGAANTGNSN	AGTGAAC TCCGGGAGTTGGTG
M0022		0.76813				
5	V\$STAT3_01	9	4793	(+)	NGNNATTTCCSGGAARTGNNN	AGTGAAC TCCGGGAGTTGGTG
M0022		0.71745				
5	V\$STAT3_01	1	4793	(-)	NGNNATTTCCSGGAARTGNNN	AGTGAAC TCCGGGAGTTGGTG
M0022		0.80262				
3	V\$STAT_01	2	4996	(+)	TTCCCRKAA	TTTTCTAA
M0022		0.80060				
3	V\$STAT_01	5	5002	(-)	TTCCCRKAA	TAAGGAGAA
M0022		0.83287				
3	V\$STAT_01	1	5118	(+)	TTCCCRKAA	TTCCAGGCA
M0022		0.85681				
3	V\$STAT_01	9	5118	(-)	TTCCCRKAA	TTCCAGGCA
M0022		0.79253				
3	V\$STAT_01	8	5563	(+)	TTCCCRKAA	TTTTTATAA
M0022		0.82253				
3	V\$STAT_01	6	5602	(+)	TTCCCRKAA	TAACCAGAA
M0022		0.79783				
3	V\$STAT_01	2	5602	(-)	TTCCCRKAA	TAACCAGAA
M0022						
3	V\$STAT_01	0.8364	5674	(-)	TTCCCRKAA	TTTTGAGAA
M0022		0.86135				
3	V\$STAT_01	6	5712	(-)	TTCCCRKAA	TTATAATAA
M0022		0.79581				
3	V\$STAT_01	5	5730	(-)	TTCCCRKAA	GTCTAAGAA
M0022		0.84471				
3	V\$STAT_01	9	5952	(+)	TTCCCRKAA	TTATTCTAA
M0022		0.79959				
3	V\$STAT_01	7	6193	(-)	TTCCCRKAA	TTCTAAAAA
M0022		0.82631				
3	V\$STAT_01	7	6284	(+)	TTCCCRKAA	TTAGCAGAA
M0022						
3	V\$STAT_01	0.87875	6284	(-)	TTCCCRKAA	TTAGCAGAA
M0022		0.79984				
3	V\$STAT_01	9	6348	(+)	TTCCCRKAA	TTGTGGTAA
M0022						
3	V\$STAT_01	0.8364	6348	(-)	TTCCCRKAA	TTGTGGTAA
M0022		0.81673				
3	V\$STAT_01	8	6573	(-)	TTCCCRKAA	TTCCATTAA
M0022						
3	V\$STAT_01	0.8364	6643	(-)	TTCCCRKAA	TTATATGAA
M0022		0.81724				
3	V\$STAT_01	2	6786	(-)	TTCCCRKAA	TAATGAGAA

M0022		0.74180				
4	V\$STAT1_01	8	6874	(+)	NNNSANTTCCGGGAANTGNSN	TTTCTCTTCACTGAATTATGT
M0022		0.71339				
5	V\$STAT3_01	6	6874	(-)	NGNNATTTCCSGGAARTGNNN	TTTCTCTTCACTGAATTATGT
M0022		0.72254				
4	V\$STAT1_01	2	6965	(-)	NNNSANTTCCGGGAANTGNSN	CCTTCTTTCCAGGATGAACTC
M0022		0.85681				
3	V\$STAT_01	9	6971	(-)	TTCCCRKAA	TTCCAGGAT
M0022		0.79304				
3	V\$STAT_01	3	7080	(+)	TTCCCRKAA	TTACTCAAA
M0022		0.73275				
4	V\$STAT1_01	2	7175	(-)	NNNSANTTCCGGGAANTGNSN	ATGCCCTTCCCTAAATATCCA
M0022		0.79480				
3	V\$STAT_01	7	7181	(+)	TTCCCRKAA	TTCCCTAAA
M0022		0.82682				
3	V\$STAT_01	1	7206	(+)	TTCCCRKAA	TTACTGAAA
M0022		0.83690				
3	V\$STAT_01	4	7302	(+)	TTCCCRKAA	TTCTTCCAA
M0022		0.73656				
5	V\$STAT3_01	8	7363	(+)	NGNNATTTCCSGGAARTGNNN	GCCTGTTCCCCAGAAAGCAGT
M0022		0.86639				
3	V\$STAT_01	8	7369	(+)	TTCCCRKAA	TCCCCAGAA
M0022						
3	V\$STAT_01	0.80489	7369	(-)	TTCCCRKAA	TCCCCAGAA
M0022		0.74197				
4	V\$STAT1_01	3	7458	(-)	NNNSANTTCCGGGAANTGNSN	TCCCTATTCTTGTAAGTCTAA
M0022		0.92235				
3	V\$STAT_01	9	7464	(+)	TTCCCRKAA	TTCTTGTA
M0022		0.83362				
3	V\$STAT_01	7	7464	(-)	TTCCCRKAA	TTCTTGTA
M0022		0.79304				
3	V\$STAT_01	3	7521	(-)	TTCCCRKAA	TTTGAGTAA
M0022		0.87723				
3	V\$STAT_01	7	7594	(+)	TTCCCRKAA	TTCTCAGCA
M0022		0.81976				
3	V\$STAT_01	3	7772	(-)	TTCCCRKAA	TTAGATGAA
M0022		0.82656				
3	V\$STAT_01	9	7791	(+)	TTCCCRKAA	TTACAATAA
M0022		0.87849				
3	V\$STAT_01	8	7791	(-)	TTCCCRKAA	TTACAATAA
M0022		0.73653				
4	V\$STAT1_01	9	8090	(-)	NNNSANTTCCGGGAANTGNSN	CCTCACTTTTGGTAAGCTTTA
M0022		0.79984				
3	V\$STAT_01	9	8096	(+)	TTCCCRKAA	TTTTGGTAA
M0022						
3	V\$STAT_01	0.8364	8096	(-)	TTCCCRKAA	TTTTGGTAA
M0022						
3	V\$STAT_01	0.79884	8108	(-)	TTCCCRKAA	TTAGGAGAT
M0022		0.81598				
3	V\$STAT_01	2	8116	(-)	TTCCCRKAA	TTAGAGGCA
M0022		0.73275				
4	V\$STAT1_01	2	8159	(+)	NNNSANTTCCGGGAANTGNSN	TTAATTTTCTGGATAAGACC
M0022		0.85681				
3	V\$STAT_01	9	8165	(+)	TTCCCRKAA	TTCTGGAT
M0022						
3	V\$STAT_01	0.8364	8377	(-)	TTCCCRKAA	TTATAGAAA
M0022		0.81598				
3	V\$STAT_01	2	8678	(-)	TTCCCRKAA	CTAGAGGAA
M0022		0.79253				
3	V\$STAT_01	8	8687	(+)	TTCCCRKAA	TTTTTATAA
M0022		0.80262				
3	V\$STAT_01	2	8699	(-)	TTCCCRKAA	TTAAGATAA
M0022						
3	V\$STAT_01	0.80968	8722	(+)	TTCCCRKAA	TTTTTGTA
M0022		0.81925				
3	V\$STAT_01	9	8742	(-)	TTCCCRKAA	TTATGAAAA

M0022		0.71122				
5	V\$STAT3_01	4	8818	(+)	NGNNATTTCCSGGAARTGNNN	CTCTATTCCACAGAATTGACT
M0022		0.71252				
5	V\$STAT3_01	7	8818	(-)	NGNNATTTCCSGGAARTGNNN	CTCTATTCCACAGAATTGACT
M0022		0.81925				
3	V\$STAT_01	9	9012	(+)	TTCCCRKAA	TTAGCATAA
M0022		0.83488				
3	V\$STAT_01	8	9012	(-)	TTCCCRKAA	TTAGCATAA
M0022		0.77688				
4	V\$STAT1_01	1	9071	(+)	NNNSANTTCCGGAANTGNSN	AAATAATTTCTGGAATTGTGA
M0022		0.73357				
4	V\$STAT1_01	5	9071	(-)	NNNSANTTCCGGAANTGNSN	AAATAATTTCTGGAATTGTGA
M0022		0.73830				
5	V\$STAT3_01	6	9071	(-)	NGNNATTTCCSGGAARTGNNN	AAATAATTTCTGGAATTGTGA
M0022						
3	V\$STAT_01	0.8606	9077	(+)	TTCCCRKAA	TTTCTGGAA
M0022		0.79203				
3	V\$STAT_01	4	9077	(-)	TTCCCRKAA	TTTCTGGAA
M0016		0.81601				
2	V\$OCT1_06	6	44	(-)	CWNAWTKWSATRYN	AAAAGGTAAGAATC
M0016		0.89062				
2	V\$OCT1_06	5	52	(-)	CWNAWTKWSATRYN	AGAATCTCAGATAT
M0016		0.83437				
2	V\$OCT1_06	5	53	(+)	CWNAWTKWSATRYN	GAATCTCAGATATA
M0013		0.79360				AGATATAATTCAGTG-
8	V\$OCT1_04	1	60	(-)	NNNNNNNNWATGCAAATNNNWNW	TATCTGC
M0013		0.85499				
7	V\$OCT1_03	8	86	(-)	NNNRTAATNANNN	TCATCTTTATTTT
M0013		0.79443				TTT-
8	V\$OCT1_04	7	96	(+)	NNNNNNNNWATGCAAATNNNWNW	GGACTAGGTTAAAATGTAGA
M0013		0.80644				
6	V\$OCT1_02	3	116	(-)	NNGAATATKCANNNN	AGAAAGAATATAATT
M0016		0.84257				
2	V\$OCT1_06	8	120	(-)	CWNAWTKWSATRYN	AGAATATAATTGCT
M0013		0.84670				
7	V\$OCT1_03	1	123	(-)	NNNRTAATNANNN	ATATAATTGCTTA
M0013		0.79130				AAATAGATCTTAAAAA-
8	V\$OCT1_04	1	136	(+)	NNNNNNNNWATGCAAATNNNWNW	TAAGGGT
M0013		0.73655				
5	V\$OCT1_01	1	179	(+)	NNNNWTATGCAAATNTNNN	AATTTTCAGCAAATATGTT
M0013		0.85382				CAGCAAATATGTTAAAAAA-
8	V\$OCT1_04	7	185	(+)	NNNNNNNNWATGCAAATNNNWNW	TAGA
M0013		0.76936				
5	V\$OCT1_01	3	187	(+)	NNNNWTATGCAAATNTNNN	GCAAATATGTTAAAAAATA
M0013		0.79130				AAGTGACTATAAAGATTTGA-
8	V\$OCT1_04	1	207	(+)	NNNNNNNNWATGCAAATNNNWNW	TAA
M0013		0.84235				
7	V\$OCT1_03	5	212	(+)	NNNRTAATNANNN	ACTATAAAGATTT
M0013		0.81200				AGATTTGA-
8	V\$OCT1_04	3	219	(-)	NNNNNNNNWATGCAAATNNNWNW	TAAAAATTATAGTGA
M0013		0.85618				
7	V\$OCT1_03	3	223	(+)	NNNRTAATNANNN	TTGATAAAAATTA
M0016						
2	V\$OCT1_06	0.80625	229	(-)	CWNAWTKWSATRYN	AAAATTATAGTGAC
M0013		0.78837				TATAGTGACTG-
8	V\$OCT1_04	3	234	(+)	NNNNNNNNWATGCAAATNNNWNW	CAAATGTTTTAG
M0013		0.74704				
5	V\$OCT1_01	3	236	(+)	NNNNWTATGCAAATNTNNN	TAGTGACTGCAAATGTTTT
M0016		0.82148				
2	V\$OCT1_06	4	239	(-)	CWNAWTKWSATRYN	TGACTGCAAATGTT
M0013		0.83730				AATGTTTTAGGAATATAATAA-
8	V\$OCT1_04	7	247	(+)	NNNNNNNNWATGCAAATNNNWNW	GA
M0013		0.77747				
6	V\$OCT1_02	7	252	(-)	NNGAATATKCANNNN	TTTAGGAATATAATA
M0013		0.89964				
7	V\$OCT1_03	4	258	(+)	NNNRTAATNANNN	AATATAATAAGAT

M0016		0.83281				
2	V\$OCT1_06	2	260	(+)	CWNAWTKWSATRYN	TATAATAAGATGTA
M0016		0.90351				
2	V\$OCT1_06	6	320	(-)	CWNAWTKWSATRYN	TGTATTAAGATC
M0013						
8	V\$OCT1_04	0.80092	337	(-)	NNNNNNNWATGCAAATNNWNNW	TCTTGAATTAAATATTTCAATT
M0016		0.86835				
2	V\$OCT1_06	9	339	(+)	CWNAWTKWSATRYN	TTGAATTAAATATT
M0016		0.89843				
2	V\$OCT1_06	7	340	(-)	CWNAWTKWSATRYN	TGAATTAAATATTT
M0013		0.80319				
6	V\$OCT1_02	4	341	(-)	NNGAATATKCANNNN	GAATTAAATATTTTC
M0013		0.78398				
8	V\$OCT1_04	2	343	(-)	NNNNNNNWATGCAAATNNWNNW	ATTAAATATTTTCAATTTGATTA
M0013		0.81095				
8	V\$OCT1_04	8	344	(-)	NNNNNNNWATGCAAATNNWNNW	TTAAATATTTTCAATTTGATTAA
M0016		0.84726				
2	V\$OCT1_06	6	347	(+)	CWNAWTKWSATRYN	AATATTTTCAATTT
M0016		0.80078				
2	V\$OCT1_06	1	348	(+)	CWNAWTKWSATRYN	ATATTTTCAATTTG
M0013		0.80050				
8	V\$OCT1_04	2	350	(-)	NNNNNNNWATGCAAATNNWNNW	ATTTTCAATTTGATTAAACCTAC
M0013		0.74093				
5	V\$OCT1_01	9	352	(-)	NNNNWTATGCAAATNTNNN	TTTCAATTTGATTAAACCT
M0024		0.81450				
8	V\$OCT1_07	1	356	(-)	TNTATGNTAATT	AATTTGATTAAA
M0013		0.85657				
7	V\$OCT1_03	8	357	(-)	NNNRTAATNANNN	ATTTGATTAAACC
M0016		0.82148				
2	V\$OCT1_06	4	390	(+)	CWNAWTKWSATRYN	GCACATTTAATTTA
M0016		0.93242				
2	V\$OCT1_06	2	391	(-)	CWNAWTKWSATRYN	CACATTTAATTTAT
M0013		0.87076				
8	V\$OCT1_04	5	407	(-)	NNNNNNNWATGCAAATNNWNNW	TATGGGGATTGAATAATTAT-TA
M0013						
5	V\$OCT1_01	0.85311	409	(-)	NNNNWTATGCAAATNTNNN	TGGGGATTGAATAATTAT
M0016		0.87215				
1	V\$OCT1_05	7	411	(+)	MKNATTTGCATAYY	GGGATTGAATAAT
M0016						
2	V\$OCT1_06	0.80625	411	(+)	CWNAWTKWSATRYN	GGGATTGAATAAT
M0019		0.85644				
5	V\$OCT1_Q6	1	411	(-)	NNNNATGCAAATNAN	GGGATTGAATAAATT
M0013		0.86058				
6	V\$OCT1_02	5	413	(-)	NNGAATATKCANNNN	GATTTGAATAATTAT
M0024		0.79520				
8	V\$OCT1_07	9	413	(-)	TNTATGNTAATT	GATTTGAATAAT
M0013		0.89885				
7	V\$OCT1_03	4	417	(+)	NNNRTAATNANNN	TGAATAATTATTA
M0013		0.87514				
7	V\$OCT1_03	8	418	(-)	NNNRTAATNANNN	GAATAATTATTAC
M0013						
7	V\$OCT1_03	0.88226	421	(-)	NNNRTAATNANNN	TAATTATTACTGA
M0013		0.77813				
5	V\$OCT1_01	8	457	(-)	NNNNWTATGCAAATNTNNN	ATAGAGCTAGCATATTTAG
M0013		0.84677				
6	V\$OCT1_02	9	461	(-)	NNGAATATKCANNNN	AGCTAGCATATTTAG
M0013		0.79047				
6	V\$OCT1_02	1	464	(+)	NNGAATATKCANNNN	TAGCATATTTAGTCA
M0013		0.86724				
7	V\$OCT1_03	6	480	(+)	NNNRTAATNANNN	GAGATAAAGAGGG
M0013		0.78000				
8	V\$OCT1_04	8	494	(-)	NNNNNNNWATGCAAATNNWNNW	TGTTAGGATATATATGCTATTTG
M0013		0.78607				
8	V\$OCT1_04	3	499	(+)	NNNNNNNWATGCAAATNNWNNW	GGATATATATGCTATTT-GAAAGG
M0013		0.82067				
5	V\$OCT1_01	9	501	(+)	NNNNWTATGCAAATNTNNN	ATATATATGCTATTTGAAA

M0013		0.80265				
6	V\$OCT1_02	3	501	(+)	NNGAATATKCANNNN	ATATATATGCTATTT
M0024						
8	V\$OCT1_07	0.89718	504	(+)	TNTATGNTAATT	TATATGCTATTT
M0016		0.84726				
2	V\$OCT1_06	6	510	(+)	CWNAWTKWSATRYN	CTATTTGAAAGGTA
M0016		0.81328				
2	V\$OCT1_06	1	511	(-)	CWNAWTKWSATRYN	TATTTGAAAGGTAT
M0013		0.81116				TGAAAGGTATTTATAAAAGAA-
8	V\$OCT1_04	7	515	(+)	NNNNNNNWATGCAAATNNNWNW	GA
M0016		0.82656				
2	V\$OCT1_06	2	520	(-)	CWNAWTKWSATRYN	GGTATTTATAAAAG
M0013		0.79236				
6	V\$OCT1_02	6	536	(+)	NNGAATATKCANNNN	GAGTATATTTATCAA
M0013						
7	V\$OCT1_03	0.84275	538	(-)	NNNRTAATNANNN	GTATATTTATCAA
M0013		0.81890				
8	V\$OCT1_04	4	538	(+)	NNNNNNNWATGCAAATNNNWNW	GTATATTTATCAAAATTTCTCAG
M0013		0.78105				
8	V\$OCT1_04	4	539	(-)	NNNNNNNWATGCAAATNNNWNW	TATATTTATCAAAATTTCTCAGA
M0013		0.78386				
5	V\$OCT1_01	1	540	(+)	NNNNWTATGCAAATNTNNN	ATATTTATCAAAATTTCTC
M0016		0.86562				
2	V\$OCT1_06	5	543	(-)	CWNAWTKWSATRYN	TTTATCAAAATTTCTC
M0024		0.79584				
8	V\$OCT1_07	5	543	(+)	TNTATGNTAATT	TTTATCAAAATT
M0013		0.78021				CTCAGAACATCCAAATTTCAAG
8	V\$OCT1_04	7	556	(+)	NNNNNNNWATGCAAATNNNWNW	T
M0013		0.81972				
5	V\$OCT1_01	5	558	(+)	NNNNWTATGCAAATNTNNN	CAGAACATCCAAATTTCAA
M0013		0.79615				
6	V\$OCT1_02	6	558	(+)	NNGAATATKCANNNN	CAGAACATCCAAATT
M0019		0.82287				
5	V\$OCT1_Q6	1	560	(+)	NNNNATGCAAATNAN	GAACATCCAAATTTCTC
M0016						
2	V\$OCT1_06	0.9375	561	(-)	CWNAWTKWSATRYN	AACATCCAAATTTCTC
M0024		0.80093				
8	V\$OCT1_07	3	561	(+)	TNTATGNTAATT	AACATCCAAATT
M0016						
2	V\$OCT1_06	0.825	566	(+)	CWNAWTKWSATRYN	CCAAATTTCAAGTT
M0016		0.88554				
2	V\$OCT1_06	7	567	(-)	CWNAWTKWSATRYN	CAAATTTCAAGTTT
M0013		0.79924				
8	V\$OCT1_04	7	571	(-)	NNNNNNNWATGCAAATNNNWNW	TTTCAAGTTTATCATTTATCTTA
M0016		0.82148				
2	V\$OCT1_06	4	575	(+)	CWNAWTKWSATRYN	AAGTTTATCATTTA
M0013		0.78690				
8	V\$OCT1_04	9	582	(+)	NNNNNNNWATGCAAATNNNWNW	TCATTTATCTTATAATATTTCAA
M0013						TTATAATATTTCAAAAA-
8	V\$OCT1_04	0.82476	591	(+)	NNNNNNNWATGCAAATNNNWNW	TATTAA
M0013		0.78941				TTATAATATTTCAAAAA-
8	V\$OCT1_04	9	591	(-)	NNNNNNNWATGCAAATNNNWNW	TATTAA
M0016		0.90351				
2	V\$OCT1_06	6	595	(-)	CWNAWTKWSATRYN	AATATTTCAAAAAT
M0016		0.81835				
2	V\$OCT1_06	9	597	(-)	CWNAWTKWSATRYN	TATTTCAAAAATAT
M0013		0.87243				TCAAAAATATTAATAAGATA-
8	V\$OCT1_04	8	601	(+)	NNNNNNNWATGCAAATNNNWNW	CA
M0013		0.80112				CAAAAATATTAATAAGATA-
8	V\$OCT1_04	9	602	(-)	NNNNNNNWATGCAAATNNNWNW	CAT
M0013		0.74265				
5	V\$OCT1_01	5	603	(+)	NNNNWTATGCAAATNTNNN	AAAAATATTAATAAGATA
M0013		0.80590				
6	V\$OCT1_02	1	603	(+)	NNGAATATKCANNNN	AAAAATATTAATAA
M0024		0.83654				
8	V\$OCT1_07	9	608	(-)	TNTATGNTAATT	TATTAATAAGATA

M0016		0.80390				
2	V\$OCT1_06	6	610	(+)	CWNAWTKWSATRYN	TTAAAATAGATACA
M0016		0.91132				
2	V\$OCT1_06	8	619	(+)	CWNAWTKWSATRYN	ATACATGAAATACA
M0016		0.94531				
2	V\$OCT1_06	2	620	(-)	CWNAWTKWSATRYN	TACATGAAATACAG
M0016		0.80078				
2	V\$OCT1_06	1	637	(-)	CWNAWTKWSATRYN	TAAATTAAAGAGAA
M0024		0.81725				
8	V\$OCT1_07	7	651	(+)	TNTATGNTAATT	AGTATTTTACTT
M0013		0.85657				
7	V\$OCT1_03	8	661	(+)	NNNRTAATNANNN	TTGGTAAAAA
M0016		0.81406				
2	V\$OCT1_06	2	672	(-)	CWNAWTKWSATRYN	AAAATTCTAGGTTG
M0016		0.82148				
2	V\$OCT1_06	4	691	(-)	CWNAWTKWSATRYN	AGAATGCCAGGAAA
M0016		0.82929				
2	V\$OCT1_06	7	709	(+)	CWNAWTKWSATRYN	AACAATGAAAAATG
M0013		0.90833				
7	V\$OCT1_03	7	756	(+)	NNNRTAATNANNN	TCAGTAATGAAAT
M0016		0.84257				
2	V\$OCT1_06	8	758	(+)	CWNAWTKWSATRYN	AGTAATGAAATGGC
M0013		0.77012				
5	V\$OCT1_01	6	773	(-)	NNNNWTATGCAAATNTNNN	TAAAAATTGGTATATAAAA
M0016		0.86054				
2	V\$OCT1_06	7	775	(+)	CWNAWTKWSATRYN	AAAATTGGTATATA
M0013		0.80259				
8	V\$OCT1_04	3	776	(+)	NNNNNNNWATGCAAATNNNWNW	AAAATTGGTATA- TAAATGCTAGT
M0024		0.80602				
8	V\$OCT1_07	1	777	(-)	TNTATGNTAATT	AATTGGTATATA
M0016		0.84218				
2	V\$OCT1_06	7	782	(+)	CWNAWTKWSATRYN	GTATATAAAATGCT
M0013		0.81618				
8	V\$OCT1_04	6	783	(+)	NNNNNNNWATGCAAATNNNWNW	TATATAAAATGCTAG- TTATAAAA
M0013		0.75238				
5	V\$OCT1_01	5	785	(+)	NNNNWTATGCAAATNTNNN	TATAAAATGCTAGTTATAA
M0013		0.77449				
6	V\$OCT1_02	9	785	(+)	NNGAATATKCANNNN	TATAAAATGCTAGTT
M0016		0.88245				
1	V\$OCT1_05	1	788	(-)	MKNATTTGCATAYY	AAAATGCTAGTTAT
M0016		0.82695				
2	V\$OCT1_06	3	788	(-)	CWNAWTKWSATRYN	AAAATGCTAGTTAT
M0024		0.82382				
8	V\$OCT1_07	9	788	(+)	TNTATGNTAATT	AAAATGCTAGTT
M0013		0.73769				
5	V\$OCT1_01	6	808	(+)	NNNNWTATGCAAATNTNNN	AACAAAATGCAATAATATC
M0013		0.86302				
6	V\$OCT1_02	1	808	(+)	NNGAATATKCANNNN	AACAAAATGCAATAA
M0016		0.81757				
2	V\$OCT1_06	8	810	(+)	CWNAWTKWSATRYN	CAAAATGCAATAAT
M0016						
2	V\$OCT1_06	0.85	811	(-)	CWNAWTKWSATRYN	AAAATGCAATAATA
M0013		0.78722				
6	V\$OCT1_02	3	818	(+)	NNGAATATKCANNNN	AATAATATCCTCCCT
M0016		0.86054				
2	V\$OCT1_06	7	831	(+)	CWNAWTKWSATRYN	CTACATGTAATGAA
M0019		0.79967				
5	V\$OCT1_Q6	2	831	(+)	NNNNATGCAAATNAN	CTACATGTAATGAAT
M0016		0.93984				
2	V\$OCT1_06	4	832	(-)	CWNAWTKWSATRYN	TACATGTAATGAAT
M0013		0.90912				
7	V\$OCT1_03	7	834	(+)	NNNRTAATNANNN	CATGTAATGAATT
M0013						
5	V\$OCT1_01	0.73636	850	(+)	NNNNWTATGCAAATNTNNN	GGTATTATGCTCTTTTTTG
M0013						
6	V\$OCT1_02	0.80157	850	(+)	NNGAATATKCANNNN	GGTATTATGCTCTTT

M0016		0.80585				
2	V\$OCT1_06	9	861	(+)	CWNAWKWSATRYN	CTTTTTGAAGTCT
M0013		0.82831				
8	V\$OCT1_04	5	872	(+)	NNNNNNNWATGCAAATNNWNNW	TCTTGACAATAAAAAATTTTTTA
M0013						
7	V\$OCT1_03	0.84196	874	(+)	NNNRTAATNANNN	TTGACAATAAAAA
M0016		0.80820				
2	V\$OCT1_06	3	876	(-)	CWNAWKWSATRYN	GACAATAAAAAATTT
M0013		0.77991				
6	V\$OCT1_02	3	908	(-)	NNGAATATKCANNNN	ATCTTGAATAAAGTG
M0016		0.81601				
2	V\$OCT1_06	6	924	(-)	CWNAWKWSATRYN	AACAATTAAGAATT
M0013		0.82664				ATTAAGAATTAGCATCCATGA-
8	V\$OCT1_04	2	928	(-)	NNNNNNNWATGCAAATNNWNNW	GA
M0013		0.80122				
5	V\$OCT1_01	1	930	(-)	NNNNWTATGCAAATNTNNN	TAAGAATTAGCATCCATGA
M0019		0.83979				
5	V\$OCT1_Q6	3	932	(-)	NNNNATGCAAATNAN	AGAATTAGCATCCAT
M0024		0.90481				
8	V\$OCT1_07	2	934	(-)	TNTATGNTAATT	AATTAGCATCCA
M0013		0.73998				
5	V\$OCT1_01	5	950	(+)	NNNNWTATGCAAATNTNNN	AAAAATATAGAAAAATTTT
M0013		0.78230				AAAAATATAGAAAAATTTTCC-
8	V\$OCT1_04	9	950	(+)	NNNNNNNWATGCAAATNNWNNW	TA
M0013		0.85424				
8	V\$OCT1_04	5	957	(-)	NNNNNNNWATGCAAATNNWNNW	TAGAAAAATTTTCCTAATTTAGT
M0013		0.77203				
5	V\$OCT1_01	4	959	(-)	NNNNWTATGCAAATNTNNN	GAAAAATTTTCCTAATTTA
M0013		0.75467				
5	V\$OCT1_01	4	961	(+)	NNNNWTATGCAAATNTNNN	AAAATTTTCCTAATTTAGT
M0013						
7	V\$OCT1_03	0.84433	967	(+)	NNNRTAATNANNN	TTCCTAATTTAGT
M0013		0.76020				
5	V\$OCT1_01	6	974	(+)	NNNNWTATGCAAATNTNNN	TTTAGTTTGAAAATCTGGG
M0016		0.87343				
2	V\$OCT1_06	7	977	(-)	CWNAWKWSATRYN	AGTTTGAAAATCTG
M0016		0.80078				
2	V\$OCT1_06	1	984	(+)	CWNAWKWSATRYN	AAATCTGGGATTGA
M0013		0.80029				
8	V\$OCT1_04	3	1029	(-)	NNNNNNNWATGCAAATNNWNNW	ACATTTTTTTTCAAGAACTTAT
M0013		0.82120				AA-
8	V\$OCT1_04	5	1042	(+)	NNNNNNNWATGCAAATNNWNNW	GAACTTATAAAAAATGCAACAA
M0013		0.84116				
7	V\$OCT1_03	9	1047	(+)	NNNRTAATNANNN	CTTATAAAAAATGC
M0013		0.82852				TTATAAAAAATGCAACAAACA
8	V\$OCT1_04	4	1048	(+)	NNNNNNNWATGCAAATNNWNNW	AA
M0013		0.84596				
6	V\$OCT1_02	6	1050	(+)	NNGAATATKCANNNN	ATAAAAAATGCAACAA
M0016		0.89843				
2	V\$OCT1_06	7	1069	(+)	CWNAWKWSATRYN	AACCATTTAATACA
M0016		0.82929				
2	V\$OCT1_06	7	1070	(-)	CWNAWKWSATRYN	ACCATTTAATACAT
M0016		0.82890				
2	V\$OCT1_06	6	1073	(+)	CWNAWKWSATRYN	ATTTAATACATTTT
M0016		0.80859				
2	V\$OCT1_06	4	1090	(-)	CWNAWKWSATRYN	CAAAATCAATAATG
M0013		0.78000				
8	V\$OCT1_04	8	1093	(+)	NNNNNNNWATGCAAATNNWNNW	AATCAATAATGTATTTTATTTA
M0016		0.83437				
2	V\$OCT1_06	5	1097	(+)	CWNAWKWSATRYN	AATAATGTATTTTA
M0016		0.82148				
2	V\$OCT1_06	4	1101	(+)	CWNAWKWSATRYN	ATGTATTTTATTTT
M0016		0.81210				
2	V\$OCT1_06	9	1102	(-)	CWNAWKWSATRYN	TGTATTTTATTTTA
M0024		0.83654				
8	V\$OCT1_07	9	1102	(+)	TNTATGNTAATT	TGTATTTTATTT

M0016		0.80585				
2	V\$OCT1_06	9	1173	(-)	CWNAWTKWSATRYN	TAAATTACCAAGAG
M0024		0.79436				
8	V\$OCT1_07	1	1175	(-)	TNTATGNTAATT	AATTACCAAGAG
M0013		0.80071				ACAGTTCTATGTAGAGAAAA-
8	V\$OCT1_04	1	1195	(+)	NNNNNNNWATGCAAATNNNWNW	TAA
M0013		0.79549				
5	V\$OCT1_01	8	1209	(-)	NNNNWTATGCAAATNTNNN	AGAAAATAAGCATAGTGTA
M0013						
6	V\$OCT1_02	0.77098	1210	(+)	NNGAATATKCANNNN	GAAAATAAGCATAGT
M0013		0.77558				
6	V\$OCT1_02	2	1213	(-)	NNGAATATKCANNNN	AATAAGCATAGTGTA
M0024		0.88276				
8	V\$OCT1_07	4	1213	(-)	TNTATGNTAATT	AATAAGCATAGT
M0013		0.84630				
7	V\$OCT1_03	6	1234	(-)	NNNRATAATNANNN	CTAAAATTATGTG
M0016		0.83398				
2	V\$OCT1_06	4	1238	(+)	CWNAWTKWSATRYN	AATTATGTGAGACA
M0016		0.82539				
2	V\$OCT1_06	1	1257	(-)	CWNAWTKWSATRYN	GAGATGACATTAGG
M0013		0.86527				
7	V\$OCT1_03	1	1260	(-)	NNNRATAATNANNN	ATGACATTAGGCA
M0016		0.87343				
2	V\$OCT1_06	7	1323	(-)	CWNAWTKWSATRYN	AACATCTCGATCAG
M0013		0.78519				
5	V\$OCT1_01	6	1348	(+)	NNNNWTATGCAAATNTNNN	GAAGAAATGCTAAAAATGAA
M0016		0.83476				
2	V\$OCT1_06	6	1351	(-)	CWNAWTKWSATRYN	GAAATGCTAAAAATG
M0016		0.80078				
2	V\$OCT1_06	1	1382	(-)	CWNAWTKWSATRYN	GAAATAAAAGATAT
M0013		0.82371				ATAAAAGATATGAATAAGA-
8	V\$OCT1_04	4	1385	(-)	NNNNNNNWATGCAAATNNNWNW	CAAA
M0013		0.82538				TAAAAGATATGAATAAGA-
8	V\$OCT1_04	7	1386	(+)	NNNNNNNWATGCAAATNNNWNW	CAAAA
M0013		0.73216				
5	V\$OCT1_01	3	1387	(-)	NNNNWTATGCAAATNTNNN	AAAAGATATGAATAAGACA
M0019		0.79994				
5	V\$OCT1_Q6	5	1388	(+)	NNNNATGCAAATNAN	AAAGATATGAATAAG
M0013		0.78532				
6	V\$OCT1_02	8	1391	(-)	NNGAATATKCANNNN	GATATGAATAAGACA
M0016		0.80039				
2	V\$OCT1_06	1	1391	(-)	CWNAWTKWSATRYN	GATATGAATAAGAC
M0016		0.82617				
2	V\$OCT1_06	2	1397	(-)	CWNAWTKWSATRYN	AATAAGACAAAAAT
M0013		0.83134				
6	V\$OCT1_02	8	1403	(+)	NNGAATATKCANNNN	ACAAAAATTCATGAA
M0016						
2	V\$OCT1_06	0.825	1404	(+)	CWNAWTKWSATRYN	CAAAAATTCATGAA
M0013		0.81890				AAAAATTCATGAAATCAC-
8	V\$OCT1_04	4	1405	(+)	NNNNNNNWATGCAAATNNNWNW	TTAG
M0013		0.73063				
5	V\$OCT1_01	7	1407	(+)	NNNNWTATGCAAATNTNNN	AAATTCATGAAAATCACTT
M0016		0.80820				
2	V\$OCT1_06	3	1409	(+)	CWNAWTKWSATRYN	ATTCATGAAAATCA
M0019		0.88755				
5	V\$OCT1_Q6	5	1409	(+)	NNNNATGCAAATNAN	ATTCATGAAAATCAC
M0016		0.86054				
2	V\$OCT1_06	7	1410	(-)	CWNAWTKWSATRYN	TTCATGAAAATCAC
M0016		0.80820				
2	V\$OCT1_06	3	1416	(-)	CWNAWTKWSATRYN	AAAATCACTTAGTT
M0013						TAGAGAAAAGATAAAAA-
8	V\$OCT1_04	0.7867	1433	(+)	NNNNNNNWATGCAAATNNNWNW	TAAAGT
M0016		0.83984				
2	V\$OCT1_06	4	1445	(-)	CWNAWTKWSATRYN	AAAAATAAAGTATG
M0016		0.82382				
2	V\$OCT1_06	8	1452	(+)	CWNAWTKWSATRYN	AAGTATGACCTTCT

M0016		0.85507				
2	V\$OCT1_06	8	1453	(-)	CWNAWTKWSATRYN	AGTATGACCTTCTT
M0013		0.78084				
8	V\$OCT1_04	5	1456	(+)	NNNNNNNNWATGCAAATNNNWNW	ATGACCTTCTTCATATACATTGT
M0019		0.79394				
5	V\$OCT1_Q6	1	1461	(-)	NNNNATGCAAATNAN	CTTCTTCATATACAT
M0016		0.82656				
2	V\$OCT1_06	2	1522	(+)	CWNAWTKWSATRYN	GAAACATTAATATT
M0013		0.77991				
6	V\$OCT1_02	3	1524	(-)	NNGAATATKCANNNN	AACATTAATATTTTG
M0016		0.84726				
2	V\$OCT1_06	6	1524	(-)	CWNAWTKWSATRYN	AACATTAATATTTT
M0016		0.82148				
2	V\$OCT1_06	4	1556	(-)	CWNAWTKWSATRYN	AGAATCTAAGCGAT
M0013		0.80133				
8	V\$OCT1_04	8	1571	(-)	NNNNNNNNWATGCAAATNNNWNW	TCTGGCAATAAAAAATAATAA- TA
M0013		0.85302				
7	V\$OCT1_03	3	1572	(+)	NNNRTAATNANNN	CTGGCAATAAAAA
M0019						
5	V\$OCT1_Q6	0.81905	1574	(+)	NNNNATGCAAATNAN	GGCAATAAAAAATAAT
M0024		0.81238				
8	V\$OCT1_07	1	1577	(-)	TNTATGNTAATT	AATAAAAAATAAT
M0013						
8	V\$OCT1_04	0.81514	1579	(+)	NNNNNNNNWATGCAAATNNNWNW	TAAAAATAA- TAAATATATATTTT
M0013		0.79778				
8	V\$OCT1_04	3	1580	(-)	NNNNNNNNWATGCAAATNNNWNW	AAAAATAA- TAAATATATATTTT
M0013		0.84709				
7	V\$OCT1_03	6	1581	(+)	NNNRTAATNANNN	AAAATAATAAATA
M0016		0.82890				
2	V\$OCT1_06	6	1582	(+)	CWNAWTKWSATRYN	AAATAATAAATATA
M0013		0.81304				
8	V\$OCT1_04	9	1583	(+)	NNNNNNNNWATGCAAATNNNWNW	AATAATAAATATATATTTTTTAA
M0016		0.81328				
2	V\$OCT1_06	1	1583	(-)	CWNAWTKWSATRYN	AATAATAAATATAT
M0013		0.85381				
7	V\$OCT1_03	3	1584	(+)	NNNRTAATNANNN	ATAATAAATATAT
M0013		0.81827				
8	V\$OCT1_04	7	1584	(-)	NNNNNNNNWATGCAAATNNNWNW	ATAATAAATATATATTTTTTAAT
M0024		0.79351				
8	V\$OCT1_07	3	1586	(-)	TNTATGNTAATT	AATAAATATATA
M0013		0.84065				
8	V\$OCT1_04	2	1592	(-)	NNNNNNNNWATGCAAATNNNWNW	TATATATTTTTTAATAAGTGAAT
M0013		0.78021				
8	V\$OCT1_04	7	1620	(-)	NNNNNNNNWATGCAAATNNNWNW	ACTTAATTTTTCTGTAAATATCT
M0013		0.83291				
8	V\$OCT1_04	5	1623	(+)	NNNNNNNNWATGCAAATNNNWNW	TAATTTTTCTGTAAATATCTGTA
M0013		0.79378				
5	V\$OCT1_01	1	1625	(+)	NNNNWTATGCAAATNTNNN	ATTTTTCTGTAAATATCTG
M0016		0.86835				
2	V\$OCT1_06	9	1684	(+)	CWNAWTKWSATRYN	GTGAATGAGATGAA
M0016		0.84765				
2	V\$OCT1_06	6	1690	(-)	CWNAWTKWSATRYN	GAGATGAAAAAGAG
M0024		0.80029				
8	V\$OCT1_07	7	1706	(-)	TNTATGNTAATT	AAGTAGGATATA
M0016		0.82148				
2	V\$OCT1_06	4	1711	(+)	CWNAWTKWSATRYN	GGATATAGGATGTT
M0013		0.73407				
5	V\$OCT1_01	1	1717	(-)	NNNNWTATGCAAATNTNNN	AGGATGTTAGCAGAAAAACA
M0016		0.86289				
2	V\$OCT1_06	1	1760	(+)	CWNAWTKWSATRYN	TAACTTGAAATGTA
M0013		0.79130				
8	V\$OCT1_04	1	1761	(+)	NNNNNNNNWATGCAAATNNNWNW	AACTTGAAATGTAAGAT- TAATGA
M0016		0.83710				
2	V\$OCT1_06	9	1766	(-)	CWNAWTKWSATRYN	GAAATGTAAGATTA
M0013		0.86171				
7	V\$OCT1_03	5	1774	(+)	NNNRTAATNANNN	AGATTAATGAGTA

M0013		0.77585				
6	V\$OCT1_02	3	1777	(-)	NNGAATATKCANNNN	TTAATGAGTAATAGT
M0013						
7	V\$OCT1_03	0.8629	1781	(+)	NNNRTAATNANNN	TGAGTAATAGTAA
M0013		0.77985				
5	V\$OCT1_01	5	1805	(+)	NNNNWTATGCAAATNTNNN	GGCCATATGATAAAATGTT
M0016		0.86054				
2	V\$OCT1_06	7	1808	(-)	CWNAWTKWSATRYN	CATATGATAAAATG
M0013		0.83479				
8	V\$OCT1_04	7	1811	(+)	NNNNNNNWATGCAAATNNNWNW	ATGATAAAATGTTTATTAATATT
M0013		0.78272				
8	V\$OCT1_04	7	1812	(-)	NNNNNNNWATGCAAATNNNWNW	TGATAAAATGTTTATTAATATTT
M0013		0.79464				
8	V\$OCT1_04	7	1816	(-)	NNNNNNNWATGCAAATNNNWNW	AAAATGTTTATTAATATTTTTCT
M0024		0.81704				
8	V\$OCT1_07	5	1816	(+)	TNTATGNTAATT	AAAATGTTTATT
M0013		0.86487				
7	V\$OCT1_03	6	1817	(-)	NNNRTAATNANNN	AAATGTTTATTA
M0013		0.87892				
8	V\$OCT1_04	1	1817	(+)	NNNNNNNWATGCAAATNNNWNW	AAATGTTTATTAATATTTTTCTA
M0013		0.79318				
8	V\$OCT1_04	3	1818	(-)	NNNNNNNWATGCAAATNNNWNW	AATGTTTATTAATATTTTTCTAA
M0013		0.80102				
6	V\$OCT1_02	9	1822	(-)	NNGAATATKCANNNN	TTTATTAATATTTTT
M0013		0.79101				
6	V\$OCT1_02	2	1825	(+)	NNGAATATKCANNNN	ATTAATATTTTTCTA
M0013		0.78824				
5	V\$OCT1_01	9	1934	(-)	NNNNWTATGCAAATNTNNN	TGGACATTTGTATTATACA
M0016		0.80585				
2	V\$OCT1_06	9	1953	(+)	CWNAWTKWSATRYN	CTATCTTTGGTCC
M0013		0.85657				
7	V\$OCT1_03	8	1966	(+)	NNNRTAATNANNN	CTTGTAAGGGAA
M0013		0.74914				
5	V\$OCT1_01	2	1978	(-)	NNNNWTATGCAAATNTNNN	AGTAATTTTACTTAAATAA
M0013		0.82099				
8	V\$OCT1_04	5	1979	(+)	NNNNNNNWATGCAAATNNNWNW	GTAATTTTACTTAAATAA- GAAAA
M0013		0.81346				
8	V\$OCT1_04	7	1980	(-)	NNNNNNNWATGCAAATNNNWNW	TAATTTTACTTAAATAA- GAAAA
M0013		0.80886				
8	V\$OCT1_04	7	1987	(+)	NNNNNNNWATGCAAATNNNWNW	ACTTAAATAAGAAAA- TAGATTGA
M0013		0.75467				
5	V\$OCT1_01	4	1989	(+)	NNNNWTATGCAAATNTNNN	TTAAATAAGAAAAATAGATT
M0016		0.82929				
2	V\$OCT1_06	7	2070	(+)	CWNAWTKWSATRYN	CATCCTTGCTGTC
M0013						
8	V\$OCT1_04	0.79611	2118	(+)	NNNNNNNWATGCAAATNNNWNW	AGAAAAAATGTTGAAA- TAAATA
M0013		0.79025				
8	V\$OCT1_04	5	2120	(+)	NNNNNNNWATGCAAATNNNWNW	AAAAAATGTTGAAATAAA- TAAG
M0016		0.84765				
2	V\$OCT1_06	6	2168	(-)	CWNAWTKWSATRYN	AAAATCGCATTACC
M0013		0.87514				
7	V\$OCT1_03	8	2171	(-)	NNNRTAATNANNN	ATCGCATTACCAA
M0013		0.79276				
8	V\$OCT1_04	5	2184	(+)	NNNNNNNWATGCAAATNNNWNW	CATCATAAATGTATAAA- TAATGC
M0019		0.81659				
5	V\$OCT1_Q6	4	2190	(+)	NNNNATGCAAATNAN	AAATGTATAAATAAT
M0013		0.79841				
8	V\$OCT1_04	1	2195	(+)	NNNNNNNWATGCAAATNNNWNW	TATAAA- TAATGCACAATCTCAGA
M0013		0.78316				
6	V\$OCT1_02	2	2200	(-)	NNGAATATKCANNNN	ATAATGCACAATCTC
M0016		0.80429				
2	V\$OCT1_06	7	2206	(+)	CWNAWTKWSATRYN	CACAATCTCAGATT
M0016		0.82148				
2	V\$OCT1_06	4	2207	(-)	CWNAWTKWSATRYN	ACAATCTCAGATTT
M0016		0.84765				
2	V\$OCT1_06	6	2208	(+)	CWNAWTKWSATRYN	CAATCTCAGATTTA

M0016		0.85507					
2	V\$OCT1_06	8	2220	(+)	CWNAWTKWSATRYN	TATTTTTTAATGCT	
M0013		0.82873				ATTTTTTAATGCTAA-	
8	V\$OCT1_04	3	2221	(+)	NNNNNNNWWATGCAAATNNNWNW	GAAAGTCA	
M0016		0.84218					
2	V\$OCT1_06	7	2234	(+)	CWNAWTKWSATRYN	AAGAAAGTCATTTA	
M0016		0.85507					
2	V\$OCT1_06	8	2235	(-)	CWNAWTKWSATRYN	AGAAAGTCATTAT	
M0024		0.79245					
8	V\$OCT1_07	3	2244	(+)	TNTATGNTAATT	TTTATGTTTCATC	
M0016		0.80859					
2	V\$OCT1_06	4	2326	(-)	CWNAWTKWSATRYN	TACCTTCAATTCCT	
M0013		0.85420					
7	V\$OCT1_03	8	2335	(+)	NNNRTAATNANNN	TTCCTAAAGAAAA	
M0013		0.77693					
6	V\$OCT1_02	6	2403	(-)	NNGAATATKCANNNN	AAAATGAGTAATAGT	
M0013		0.81430				ACAATTGCACGCAT-	
8	V\$OCT1_04	4	2426	(+)	NNNNNNNWWATGCAAATNNNWNW	ATACAATCT	
M0013		0.84271					
6	V\$OCT1_02	8	2431	(-)	NNGAATATKCANNNN	TGCACGCATATACAA	
M0013		0.80563					
6	V\$OCT1_02	1	2434	(+)	NNGAATATKCANNNN	ACGCATATACAATCT	
M0013		0.79192				ATATACAATCTAGA-	
8	V\$OCT1_04	8	2438	(-)	NNNNNNNWWATGCAAATNNNWNW	TAAATATAT	
M0013		0.85815					
7	V\$OCT1_03	9	2448	(+)	NNNRTAATNANNN	TAGATAAATATAT	
M0016							
2	V\$OCT1_06	0.80625	2461	(-)	CWNAWTKWSATRYN	CTTATCCCAGTGAT	
M0016		0.84218					
2	V\$OCT1_06	7	2469	(+)	CWNAWTKWSATRYN	AGTGATGAAATATT	
M0013		0.78021					
8	V\$OCT1_04	7	2473	(-)	NNNNNNNWWATGCAAATNNNWNW	ATGAAATATTTGTATCTCTACT	
M0013		0.74780					
5	V\$OCT1_01	6	2475	(-)	NNNNWTATGCAAATNTNNN	GAAATATTTGTATCTCTTA	
M0019		0.79721					
5	V\$OCT1_Q6	6	2477	(-)	NNNNATGCAAATNAN	AATATTTGTATCTCT	
M0016		0.85507					
2	V\$OCT1_06	8	2483	(-)	CWNAWTKWSATRYN	TGTATCTCTTACTG	
M0016		0.85781					
2	V\$OCT1_06	2	2545	(+)	CWNAWTKWSATRYN	GAGGATGACATATC	
M0013		0.79820				CAACAATAATACATATGTTCA-	
8	V\$OCT1_04	2	2562	(+)	NNNNNNNWWATGCAAATNNNWNW	TA	
M0016		0.86289					
2	V\$OCT1_06	1	2565	(+)	CWNAWTKWSATRYN	CAATAATACATATG	
M0013		0.79422					
8	V\$OCT1_04	8	2568	(+)	NNNNNNNWWATGCAAATNNNWNW	TAATACATATGTTCATAATTATA	
M0013		0.80991				AATACAT-	
8	V\$OCT1_04	2	2569	(-)	NNNNNNNWWATGCAAATNNNWNW	ATGTTCATAATTATAA	
M0013		0.74761					
5	V\$OCT1_01	5	2570	(+)	NNNNWTATGCAAATNTNNN	ATACATATGTTCATAATTA	
M0013							
8	V\$OCT1_04	0.80803	2570	(+)	NNNNNNNWWATGCAAATNNNWNW	ATACATATGTTCATAATTATAAT	
M0013		0.79091					
5	V\$OCT1_01	9	2571	(-)	NNNNWTATGCAAATNTNNN	TACATATGTTCATAATTAT	
M0016		0.80937					
2	V\$OCT1_06	5	2573	(+)	CWNAWTKWSATRYN	CATATGTTCATAAT	
M0013		0.80363				ATATGTTCATAATTATAA-	
8	V\$OCT1_04	9	2574	(+)	NNNNNNNWWATGCAAATNNNWNW	TAAAA	
M0013		0.80112				TGTTCATAATTATAA-	
8	V\$OCT1_04	9	2577	(+)	NNNNNNNWWATGCAAATNNNWNW	TAAAAAGT	
M0013		0.94350					
7	V\$OCT1_03	1	2579	(+)	NNNRTAATNANNN	TTCATAATTATAA	
M0013		0.91426					
7	V\$OCT1_03	3	2580	(-)	NNNRTAATNANNN	TCATAATTATAAT	
M0024		0.85796					
8	V\$OCT1_07	1	2584	(-)	TNTATGNTAATT	AATTATAATAAA	

M0013		0.88463				
7	V\$OCT1_03	1	2585	(+)	NNNRTAATNANNN	ATTATAATAAAAA
M0016		0.82656				
2	V\$OCT1_06	2	2587	(-)	CWNAWTKWSATRYN	TATAATAAAAAAGTG
M0013		0.79171				AAGTGTTTCAG-
8	V\$OCT1_04	9	2596	(+)	NNNNNNNNWATGCAAATNNNWNW	TAAAAATTAATAAT
M0013		0.82245				CAGTAAAAATTAATA-
8	V\$OCT1_04	9	2603	(+)	NNNNNNNNWATGCAAATNNNWNW	TAACTCCT
M0013		0.83626				AGTAAAAATTAATA-
8	V\$OCT1_04	1	2604	(-)	NNNNNNNNWATGCAAATNNNWNW	TAACTCCTT
M0013		0.75848				
5	V\$OCT1_01	9	2606	(-)	NNNNWTATGCAAATNTNNN	TAAAAATTAATAACTCC
M0019		0.83351				
5	V\$OCT1_Q6	5	2607	(+)	NNNNATGCAAATNAN	AAAAATTAATAAAC
M0016		0.90898				
2	V\$OCT1_06	4	2608	(-)	CWNAWTKWSATRYN	AAAATTAATAAAC
M0024		0.89654				
8	V\$OCT1_07	4	2610	(-)	TNTATGNTAATT	AATTAATAAAC
M0013		0.85736				
7	V\$OCT1_03	9	2646	(-)	NNNRTAATNANNN	TCTTCATTAAGGT
M0013		0.78795				CTTCATTAAGGTAAAA
8	V\$OCT1_04	5	2647	(+)	NNNNNNNNWATGCAAATNNNWNW	CAAAAA
M0016		0.80546				T
2	V\$OCT1_06	9	2658	(-)	CWNAWTKWSATRYN	TAAAACAAAAAATAT
M0013		0.79903				CTATTAATTTAAAA-
8	V\$OCT1_04	8	2683	(-)	NNNNNNNNWATGCAAATNNNWNW	TACTCTCAA
M0016		0.83945				
2	V\$OCT1_06	3	2685	(+)	CWNAWTKWSATRYN	ATTAATTTAAAAATA
M0016		0.81367				
2	V\$OCT1_06	2	2686	(-)	CWNAWTKWSATRYN	TTAATTTAAAAATAC
M0016		0.80585				
2	V\$OCT1_06	9	2687	(-)	CWNAWTKWSATRYN	TAATTTAAAATACT
M0024		0.81725				
8	V\$OCT1_07	7	2689	(-)	TNTATGNTAATT	ATTTAAAATACT
M0016		0.86835				
2	V\$OCT1_06	9	2710	(-)	CWNAWTKWSATRYN	CGTATAACATTTTT
M0016		0.84765				
2	V\$OCT1_06	6	2715	(+)	CWNAWTKWSATRYN	AACATTTTTATTTT
M0013		0.83751				
8	V\$OCT1_04	6	2718	(-)	NNNNNNNNWATGCAAATNNNWNW	ATTTTTATTTTCAGATTGTGA
M0016		0.80820				
2	V\$OCT1_06	3	2723	(-)	CWNAWTKWSATRYN	TATTTTTCAGATTT
M0016		0.81367				
2	V\$OCT1_06	2	2724	(+)	CWNAWTKWSATRYN	ATTTTTCAGATTTG
M0016		0.80546				
2	V\$OCT1_06	9	2731	(+)	CWNAWTKWSATRYN	AGATTTGTGAAATA
M0016		0.83671				
2	V\$OCT1_06	9	2760	(-)	CWNAWTKWSATRYN	AGCAAGTAAAAGTT
M0013		0.79276				AGTTAGGTAGGAAAAA-
8	V\$OCT1_04	5	2770	(+)	NNNNNNNNWATGCAAATNNNWNW	TATTTAA
M0016		0.81328				
2	V\$OCT1_06	1	2775	(-)	CWNAWTKWSATRYN	GGTAGGAAAAATAT
M0013		0.83107				
6	V\$OCT1_02	7	2781	(+)	NNGAATATKCANNNN	AAAAATATTTAATAA
M0016		0.83437				
2	V\$OCT1_06	5	2783	(+)	CWNAWTKWSATRYN	AAATATTTAATAAT
M0016		0.94531				
2	V\$OCT1_06	2	2784	(-)	CWNAWTKWSATRYN	AATATTTAATAATG
M0013		0.84670				
7	V\$OCT1_03	1	2786	(+)	NNNRTAATNANNN	TATTTAATAATGA
M0013		0.94389				
7	V\$OCT1_03	6	2789	(+)	NNNRTAATNANNN	TTAATAATGAGTT
M0016		0.82148				
2	V\$OCT1_06	4	2809	(-)	CWNAWTKWSATRYN	GGAACGAAAGTTTT
M0013		0.84946				
7	V\$OCT1_03	7	2831	(-)	NNNRTAATNANNN	CTCTCTTTAGCAG

M0016		0.81367					
2	V\$OCT1_06	2	2846	(-)	CWNAWTKWSATRYN	AGAACTCAATGTAG	
M0013		0.81200				GGTAAGATATTTTTATACAAA-	
8	V\$OCT1_04	3	2867	(+)	NNNNNNNWATGCAAATNNNWNW	GA	
M0013		0.74685					
5	V\$OCT1_01	2	2870	(-)	NNNNWTATGCAAATNTNNN	AAGATATTTTTATACAAAG	
M0016		0.87343					
2	V\$OCT1_06	7	2872	(+)	CWNAWTKWSATRYN	GATATTTTTATACA	
M0013		0.86171					
7	V\$OCT1_03	5	2873	(-)	NNNRTAATNANNN	ATATTTTTATACA	
M0013		0.85926				ATATTTTTATACAAA-	
8	V\$OCT1_04	4	2873	(+)	NNNNNNNWATGCAAATNNNWNW	GAAAAAAA	
M0013		0.73349					
5	V\$OCT1_01	9	2875	(+)	NNNNWTATGCAAATNTNNN	ATTTTTATACAAAGAAAAA	
M0016		0.83437					
2	V\$OCT1_06	5	2890	(+)	CWNAWTKWSATRYN	AAAAAATTAATTTA	
M0013		0.78523				AAAAATTAATTTAACTG-	
8	V\$OCT1_04	6	2891	(+)	NNNNNNNWATGCAAATNNNWNW	TAAAT	
M0013		0.79694				AAAATTAATTTAACTGTAAAA-	
8	V\$OCT1_04	7	2892	(-)	NNNNNNNWATGCAAATNNNWNW	TA	
M0016		0.82656					
2	V\$OCT1_06	2	2892	(-)	CWNAWTKWSATRYN	AAAATTAATTTAAC	
M0016		0.84726					
2	V\$OCT1_06	6	2902	(-)	CWNAWTKWSATRYN	TAAGTGTAAAAATAG	
M0013		0.74513					
5	V\$OCT1_01	5	2927	(-)	NNNNWTATGCAAATNTNNN	GATGATTAGCAGAAGACT	
M0013		0.84393					
7	V\$OCT1_03	5	2947	(-)	NNNRTAATNANNN	AGCTAATTGTCAA	
M0016		0.86562					
2	V\$OCT1_06	5	2949	(+)	CWNAWTKWSATRYN	CTAATTGTCAATTT	
M0019		0.79448					
5	V\$OCT1_Q6	7	2949	(-)	NNNNATGCAAATNAN	CTAATTGTCAATTTT	
M0016		0.85507					
2	V\$OCT1_06	8	2950	(-)	CWNAWTKWSATRYN	TAATTGTCAATTTT	
M0013		0.80823					
8	V\$OCT1_04	9	2951	(+)	NNNNNNNWATGCAAATNNNWNW	AATTGTCAATTTTTATTTTCCT	
M0013		0.78293					
8	V\$OCT1_04	6	2952	(-)	NNNNNNNWATGCAAATNNNWNW	ATTGTCAATTTTTATTTTCCTT	
M0016		0.82656					
2	V\$OCT1_06	2	2957	(+)	CWNAWTKWSATRYN	CAATTTTTATTTT	
M0013		0.79464					
8	V\$OCT1_04	7	2959	(-)	NNNNNNNWATGCAAATNNNWNW	ATTTTTATTTTCCTTTATAGAC	
M0016		0.81601					
2	V\$OCT1_06	6	2988	(+)	CWNAWTKWSATRYN	AAGCCTTTCAAGCA	
M0016		0.83437					
2	V\$OCT1_06	5	2989	(-)	CWNAWTKWSATRYN	AGCCTTTCAAGCAG	
M0013		0.80508					
6	V\$OCT1_02	9	3011	(+)	NNGAATATKCANNNN	GATAATGTTCAATCA	
M0016		0.83945					
2	V\$OCT1_06	3	3012	(+)	CWNAWTKWSATRYN	ATAATGTTCAATCA	
M0024		0.81704					
8	V\$OCT1_07	5	3012	(+)	TNTATGNTAATT	ATAATGTTCAAT	
M0013						TAATGTTCAATCAGAGGCAATT	
8	V\$OCT1_04	0.7821	3013	(+)	NNNNNNNWATGCAAATNNNWNW	T	
M0016		0.80039					
2	V\$OCT1_06	1	3031	(-)	CWNAWTKWSATRYN	AATTTCCAGATTT	
M0016		0.80078					
2	V\$OCT1_06	1	3055	(+)	CWNAWTKWSATRYN	AACACTGTATTATC	
M0016		0.84453					
2	V\$OCT1_06	1	3068	(+)	CWNAWTKWSATRYN	CTTTTTGTGTTACA	
M0016		0.83945					
2	V\$OCT1_06	3	3073	(-)	CWNAWTKWSATRYN	TGTGTTACATTAAT	
M0013		0.80614					
8	V\$OCT1_04	8	3192	(-)	NNNNNNNWATGCAAATNNNWNW	ACTTTCACTTTTCACTTTCATGC	
M0016		0.86835					
2	V\$OCT1_06	9	3202	(+)	CWNAWTKWSATRYN	TTCACTTTCATGCA	

M0016		0.85703				
2	V\$OCT1_06	1	3258	(-)	CWNAWTKWSATRYN	AGAATCCCAGGGAC
M0016		0.80078				
2	V\$OCT1_06	1	3301	(-)	CWNAWTKWSATRYN	GGTCTTACAGTGTT
M0016		0.83476				
2	V\$OCT1_06	6	3308	(+)	CWNAWTKWSATRYN	CAGTGTTGGATACG
M0013		0.87080				
7	V\$OCT1_03	2	3380	(+)	NNNRTAATNANNN	TTGGTAAAGAATA
M0013		0.84542				
6	V\$OCT1_02	5	3383	(-)	NNGAATATKCANNNN	GTAAAGAATATGCCT
M0013		0.90660				
6	V\$OCT1_02	5	3386	(+)	NNGAATATKCANNNN	AAGAATATGCCTGCC
M0016		0.82929				
2	V\$OCT1_06	7	3392	(+)	CWNAWTKWSATRYN	ATGCCTGCCATGCA
M0016		0.84218				
2	V\$OCT1_06	7	3393	(-)	CWNAWTKWSATRYN	TGCCTGCCATGCAG
M0013		0.83269				
5	V\$OCT1_01	7	3467	(+)	NNNNWTATGCAAATNTNNN	TTCTTTAAGCTAATGTGGC
M0024		0.79923				
8	V\$OCT1_07	7	3470	(+)	TNTATGNTAATT	TTTAAGCTAATG
M0013		0.78105				
8	V\$OCT1_04	4	3511	(+)	NNNNNNNWATGCAAATNNNWNW	AATTTCCACTGTATATATTTTAA
M0024		0.80072				
8	V\$OCT1_07	1	3511	(-)	TNTATGNTAATT	AATTTCCACTGT
M0013		0.81179				
8	V\$OCT1_04	4	3547	(-)	NNNNNNNWATGCAAATNNNWNW	TAGAAGGTTTAACATTCTAG-TAA
M0016		0.80859				
2	V\$OCT1_06	4	3551	(+)	CWNAWTKWSATRYN	AGGTTTAACATTCT
M0016		0.82695				
2	V\$OCT1_06	3	3557	(-)	CWNAWTKWSATRYN	AACATTCTAGTAAT
M0013		0.85025				
7	V\$OCT1_03	7	3563	(+)	NNNRTAATNANNN	CTAGTAATTTCTA
M0013						
8	V\$OCT1_04	0.80803	3581	(+)	NNNNNNNWATGCAAATNNNWNW	GTTTGTTATTGGAAATTGTATCA
M0024		0.81513				
8	V\$OCT1_07	7	3586	(+)	TNTATGNTAATT	TTATTGGAAATT
M0016		0.80585				
2	V\$OCT1_06	9	3597	(-)	CWNAWTKWSATRYN	TGTATCACTGTGCC
M0016						
2	V\$OCT1_06	0.88125	3623	(+)	CWNAWTKWSATRYN	CTTAATGAACTGTA
M0016		0.80078				
2	V\$OCT1_06	1	3649	(+)	CWNAWTKWSATRYN	CTGTCTTAAACTCT
M0013		0.84235				
7	V\$OCT1_03	5	3663	(-)	NNNRTAATNANNN	CTCTGTTTACCTT
M0016		0.80859				
2	V\$OCT1_06	4	3682	(+)	CWNAWTKWSATRYN	TGCTTTGGCATTTA
M0016		0.82148				
2	V\$OCT1_06	4	3757	(+)	CWNAWTKWSATRYN	CACTTTGTAAAGTG
M0013		0.80531				
8	V\$OCT1_04	2	3772	(+)	NNNNNNNWATGCAAATNNNWNW	GGGCAGA-CATGCAAATGGACATA
M0013		0.81247				
5	V\$OCT1_01	6	3774	(+)	NNNNWTATGCAAATNTNNN	GCAGACATGCAAATGGACA
M0019		0.86217				
5	V\$OCT1_Q6	2	3776	(+)	NNNNATGCAAATNAN	AGACATGCAAATGGA
M0013		0.74074				
5	V\$OCT1_01	8	3781	(-)	NNNNWTATGCAAATNTNNN	TGCAAATGGACATATTTTA
M0016		0.89414				
2	V\$OCT1_06	1	3783	(+)	CWNAWTKWSATRYN	CAAATGGACATATT
M0016		0.86562				
2	V\$OCT1_06	5	3791	(+)	CWNAWTKWSATRYN	CATATTTTATTATT
M0016		0.85546				
2	V\$OCT1_06	9	3791	(-)	CWNAWTKWSATRYN	CATATTTTATTATT
M0013		0.88700				
7	V\$OCT1_03	1	3794	(-)	NNNRTAATNANNN	ATTTTATTATTAT
M0013		0.91149				
7	V\$OCT1_03	7	3797	(-)	NNNRTAATNANNN	TTATTATTATACC

M0013		0.85855				
7	V\$OCT1_03	4	3816	(+)	NNNRTAATNANNN	CTAGTAAATAAGA
M0013		0.78911				
6	V\$OCT1_02	7	3931	(-)	NNGAATATKCANNNN	TGCATCAATATACTT
M0016		0.83945				
2	V\$OCT1_06	3	3931	(-)	CWNAWKWSATRYN	TGCATCAATATACT
M0016		0.86992				
2	V\$OCT1_06	2	4057	(+)	CWNAWKWSATRYN	ATTCCTGGGATTCT
M0016		0.86835				
2	V\$OCT1_06	9	4113	(-)	CWNAWKWSATRYN	TGCATGAAAGTGAA
M0013		0.78398				GCATGAAAGTGAAAAGGGAAA
8	V\$OCT1_04	2	4114	(+)	NNNNNNNNWATGCAAATNNNWNW	GT
M0016		0.80859				
2	V\$OCT1_06	4	4142	(+)	CWNAWKWSATRYN	CGCTCAGTCATGTC
M0016		0.87773				
2	V\$OCT1_06	4	4200	(+)	CWNAWKWSATRYN	GTCCATGGGATTTT
M0013		0.79263				
6	V\$OCT1_02	7	4268	(+)	NNGAATATKCANNNN	GAGAGTATGTATTTTC
M0016		0.86289				
2	V\$OCT1_06	1	4271	(-)	CWNAWKWSATRYN	AGTATGTATTTCTT
M0016		0.82109				
2	V\$OCT1_06	4	4274	(+)	CWNAWKWSATRYN	ATGTATTTCTTATA
M0013		0.77016				
6	V\$OCT1_02	8	4282	(+)	NNGAATATKCANNNN	CTTATAATTCATTAG
M0013		0.88660				
7	V\$OCT1_03	6	4287	(-)	NNNRTAATNANNN	AATTCATTAGAAG
M0016		0.82890				
2	V\$OCT1_06	6	4288	(+)	CWNAWKWSATRYN	ATTCATTAGAAGCC
M0013		0.84156				
7	V\$OCT1_03	5	4298	(+)	NNNRTAATNANNN	AGCCTAAACATAA
M0013		0.77179				
6	V\$OCT1_02	2	4322	(-)	NNGAATATKCANNNN	AGAATGATTATTGCA
M0013		0.85894				
7	V\$OCT1_03	9	4323	(-)	NNNRTAATNANNN	GAATGATTATTGC
M0016		0.81210				
2	V\$OCT1_06	9	4337	(-)	CWNAWKWSATRYN	GCCATGAAATTAAA
M0016		0.88320				
2	V\$OCT1_06	3	4342	(-)	CWNAWKWSATRYN	GAAATTAAAAAGACG
M0024		0.79181				
8	V\$OCT1_07	7	4344	(-)	TNTATGNTAATT	AATTAAGACG
M0013		0.87520				
6	V\$OCT1_02	3	4389	(-)	NNGAATATKCANNNN	AGACAGCATATTCAA
M0013						GACAGCATATTCAAAA-
8	V\$OCT1_04	0.81033	4390	(+)	NNNNNNNNWATGCAAATNNNWNW	GCAGAGA
M0013		0.77146				
5	V\$OCT1_01	1	4392	(+)	NNNNWTATGCAAATNTNNN	CAGCATATTCAAAAGCAGA
M0013		0.88467				
6	V\$OCT1_02	8	4392	(+)	NNGAATATKCANNNN	CAGCATATTCAAAAG
M0016		0.80429				
2	V\$OCT1_06	7	4395	(+)	CWNAWKWSATRYN	CATATTCAAAAGCA
M0016		0.80859				
2	V\$OCT1_06	4	4411	(-)	CWNAWKWSATRYN	GACATTACTTTGCC
M0016						
2	V\$OCT1_06	0.83125	4606	(+)	CWNAWKWSATRYN	AGCCCTGGGATTTC
M0013		0.79715				AAGGAATGATGCTAAA-
8	V\$OCT1_04	6	4626	(+)	NNNNNNNNWATGCAAATNNNWNW	GCTGAAA
M0013						
5	V\$OCT1_01	0.7562	4628	(+)	NNNNWTATGCAAATNTNNN	GGAATGATGCTAAAGCTGA
M0016		0.92460				
2	V\$OCT1_06	9	4694	(+)	CWNAWKWSATRYN	AAGACTTTGATGCT
M0013		0.85539				
7	V\$OCT1_03	3	4904	(-)	NNNRTAATNANNN	GAATGATTAAGAA
M0013		0.80489				
8	V\$OCT1_04	3	4923	(+)	NNNNNNNNWATGCAAATNNNWNW	TAGTGGTTATTATTATATATTTT
M0013		0.85302				
7	V\$OCT1_03	3	4926	(-)	NNNRTAATNANNN	TGGTTATTATTAT

M0019		0.79803				
5	V\$OCT1_Q6	5	4928	(-)	NNNNATGCAAATNAN	GTTATTATTATATAT
M0013		0.89648				
7	V\$OCT1_03	4	4929	(-)	NNNRTAATNANNN	TTATTATTATATA
M0013		0.79297				
8	V\$OCT1_04	4	4929	(+)	NNNNNNNWATGCAAATNNNWNW	TTATTATTATATATTTTCAATGA
M0016		0.80664				
2	V\$OCT1_06	1	4930	(+)	CWNAWTKWSATRYN	TATTATTATATATT
M0013		0.83270				
8	V\$OCT1_04	6	4935	(-)	NNNNNNNWATGCAAATNNNWNW	TTATATATTTTCAATGACTATTA
M0013		0.78607				
8	V\$OCT1_04	3	4940	(+)	NNNNNNNWATGCAAATNNNWNW	TATTTTCAATGACTATTATTCTT
M0013		0.80508				
6	V\$OCT1_02	9	4945	(-)	NNGAATATKCANNNN	TCAATGACTATTATT
M0013		0.81348				
6	V\$OCT1_02	1	4951	(+)	NNGAATATKCANNNN	ACTATTATTCTTTTA
M0013		0.77279				
5	V\$OCT1_01	7	4967	(+)	NNNNWTATGCAAATNTNNN	AACCAGATGAAAATATTAG
M0016		0.86835				
2	V\$OCT1_06	9	4970	(-)	CWNAWTKWSATRYN	CAGATGAAAATATT
M0016		0.82890				
2	V\$OCT1_06	6	4977	(+)	CWNAWTKWSATRYN	AAATATTAGAGATC
M0016		0.80820				
2	V\$OCT1_06	3	4987	(+)	CWNAWTKWSATRYN	GATCATTTGTTTTTC
M0019		0.79803				
5	V\$OCT1_Q6	5	4988	(-)	NNNNATGCAAATNAN	ATCATTTGTTTTCTT
M0013		0.84828				
7	V\$OCT1_03	1	4998	(+)	NNNRTAATNANNN	TTCCTAAGGAGAA
M0013		0.74742				
5	V\$OCT1_01	5	5027	(-)	NNNNWTATGCAAATNTNNN	GACAGGTTTGCATGCAAAG
M0016		0.87617				
2	V\$OCT1_06	2	5029	(+)	CWNAWTKWSATRYN	CAGGTTTGCATGCA
M0013		0.77890				
5	V\$OCT1_01	1	5032	(+)	NNNNWTATGCAAATNTNNN	GTTTGCATGCAAAGTTGTT
M0019		0.82096				
5	V\$OCT1_Q6	1	5034	(+)	NNNNATGCAAATNAN	TTGCATGCAAAGTTG
M0016		0.94531				
2	V\$OCT1_06	2	5035	(-)	CWNAWTKWSATRYN	TGCATGCAAAGTTG
M0024		0.82404				
8	V\$OCT1_07	1	5035	(+)	TNTATGNTAATT	TGCATGCAAAGT
M0016		0.81718				
2	V\$OCT1_06	7	5068	(-)	CWNAWTKWSATRYN	TGTATGACCCTATG
M0016		0.81601				
2	V\$OCT1_06	6	5088	(-)	CWNAWTKWSATRYN	AACCTGCCAGGTTT
M0016		0.87773				
2	V\$OCT1_06	4	5106	(+)	CWNAWTKWSATRYN	GTCTATGGGATTTT
M0024		0.80580				
8	V\$OCT1_07	9	5107	(+)	TNTATGNTAATT	TCTATGGGATTT
M0013		0.76249				
5	V\$OCT1_01	5	5171	(-)	NNNNWTATGCAAATNTNNN	ATTGAACTTGCATCTCTTA
M0019		0.79694				
5	V\$OCT1_Q6	3	5173	(-)	NNNNATGCAAATNAN	TGAACTTGCATCTCT
M0016		0.83203				
2	V\$OCT1_06	1	5235	(-)	CWNAWTKWSATRYN	GGAAGCCCAATTAG
M0013		0.81686				
5	V\$OCT1_01	4	5239	(-)	NNNNWTATGCAAATNTNNN	GCCAATTAGCATCTGTTA
M0019		0.81304				
5	V\$OCT1_Q6	6	5241	(-)	NNNNATGCAAATNAN	CCAATTAGCATCTGT
M0024		0.85520				
8	V\$OCT1_07	5	5243	(-)	TNTATGNTAATT	AATTAGCATCTG
M0013		0.78830				
6	V\$OCT1_02	5	5293	(-)	NNGAATATKCANNNN	TGACTGCATCATCTT
M0013		0.79945				
8	V\$OCT1_04	6	5323	(+)	NNNNNNNWATGCAAATNNNWNW	ACAGCCTTATTGAGAATAGTG- GA
M0013		0.80021				
6	V\$OCT1_02	7	5325	(+)	NNGAATATKCANNNN	AGCCTTATTGAGAAT

M0013		0.91189				
7	V\$OCT1_03	3	5364	(+)	NNNRTAATNANNN	AAAATAATGATAT
M0013		0.77422				
6	V\$OCT1_02	8	5387	(-)	NNGAATATKCANNNN	GCTGTCCATATTAAC
M0013		0.78042				TGTCCATATTAAC-
8	V\$OCT1_04	7	5389	(-)	NNNNNNNNWATGCAAATNNNWNW	CTATTAATG
M0013		0.79435				
5	V\$OCT1_01	3	5391	(-)	NNNNWTATGCAAATNTNNN	TCCATATTAACCTATTA
M0016		0.81718				
2	V\$OCT1_06	7	5393	(+)	CWNAWTKWSATRYN	CATATTAACCTATT
M0016		0.82421				
2	V\$OCT1_06	9	5400	(+)	CWNAWTKWSATRYN	ACCTATTAAATGTC
M0016		0.80078				
2	V\$OCT1_06	1	5401	(-)	CWNAWTKWSATRYN	CCTATTAAATGTCT
M0016		0.85273				
2	V\$OCT1_06	4	5416	(+)	CWNAWTKWSATRYN	CATTTTCTGATTTA
M0019		0.79585				
5	V\$OCT1_Q6	2	5422	(-)	NNNNATGCAAATNAN	CTGATTTATGTTGAC
M0013						
8	V\$OCT1_04	0.86721	5432	(-)	NNNNNNNNWATGCAAATNNNWNW	TTGACAAATATGAATTTTCTTT
M0013		0.73025				
5	V\$OCT1_01	6	5434	(-)	NNNNWTATGCAAATNTNNN	GACAAATATGAATTTTCT
M0013		0.78830				
6	V\$OCT1_02	5	5435	(+)	NNGAATATKCANNNN	ACAAATATGAATTTT
M0016		0.83984				
2	V\$OCT1_06	4	5436	(+)	CWNAWTKWSATRYN	CAAATATGAATTTT
M0016		0.81601				
2	V\$OCT1_06	6	5437	(+)	CWNAWTKWSATRYN	AAATATGAATTTT
M0013		0.84434				
6	V\$OCT1_02	2	5438	(-)	NNGAATATKCANNNN	AATATGAATTTTCT
M0016		0.86796				
2	V\$OCT1_06	9	5438	(-)	CWNAWTKWSATRYN	AATATGAATTTTTC
M0013						
8	V\$OCT1_04	0.81033	5465	(+)	NNNNNNNNWATGCAAATNNNWNW	CTGATTTTATTTTATTTTCCA
M0016		0.83203				
2	V\$OCT1_06	1	5465	(+)	CWNAWTKWSATRYN	CTGATTTTATTTT
M0013		0.84546				
8	V\$OCT1_04	2	5466	(-)	NNNNNNNNWATGCAAATNNNWNW	TGATTTTATTTTATTTTCCAA
M0019		0.81550				
5	V\$OCT1_Q6	2	5470	(-)	NNNNATGCAAATNAN	TTTATTTTATTTT
M0024		0.83167				
8	V\$OCT1_07	3	5470	(+)	TNTATGNTAATT	TTTATTTTATT
M0013		0.84235				
7	V\$OCT1_03	5	5492	(-)	NNNRTAATNANNN	AATCTATTACACA
M0016		0.82890				
2	V\$OCT1_06	6	5493	(+)	CWNAWTKWSATRYN	ATCTATTACACACA
M0016		0.80429				
2	V\$OCT1_06	7	5501	(-)	CWNAWTKWSATRYN	CACACATCAATAAG
M0013		0.81242				AGGTAAAC-
8	V\$OCT1_04	2	5513	(-)	NNNNNNNNWATGCAAATNNNWNW	CTTCATATTTAAAC
M0013		0.78105				GGTAAAC-
8	V\$OCT1_04	4	5514	(+)	NNNNNNNNWATGCAAATNNNWNW	CTTCATATTTAAACG
M0013		0.73197				
5	V\$OCT1_01	3	5515	(-)	NNNNWTATGCAAATNTNNN	GTAAACCTTCATATTTAA
M0016		0.84726				
2	V\$OCT1_06	6	5517	(+)	CWNAWTKWSATRYN	AAAACCTTCATATT
M0013		0.79171				
8	V\$OCT1_04	9	5521	(-)	NNNNNNNNWATGCAAATNNNWNW	CCTTCATATTTAAACGTACATT
M0016						
2	V\$OCT1_06	0.88125	5525	(+)	CWNAWTKWSATRYN	CATATTTAAACGTA
M0016		0.84726				
2	V\$OCT1_06	6	5539	(+)	CWNAWTKWSATRYN	CATTTTAAAAACT
M0019		0.80021				
5	V\$OCT1_Q6	8	5559	(-)	NNNNATGCAAATNAN	TTGATTTTATAAAC
M0013		0.84670				
7	V\$OCT1_03	1	5565	(+)	NNNRTAATNANNN	TTTATAAACAGCA

M0016		0.88906				
2	V\$OCT1_06	2	5574	(-)	CWNAWTKWSATRYN	AGCATTTCTTTATG
M0013		0.87949				
7	V\$OCT1_03	4	5577	(-)	NNNRTAATNANNN	ATTTCTTTATGTG
M0016		0.86796				
2	V\$OCT1_06	9	5609	(+)	CWNAWTKWSATRYN	AAAATTGAGAAAGTT
M0016		0.80859				
2	V\$OCT1_06	4	5617	(-)	CWNAWTKWSATRYN	GAAGTTTCAAAGTG
M0016		0.84492				
2	V\$OCT1_06	2	5619	(-)	CWNAWTKWSATRYN	AGTTTCAAAGTGAG
M0013						
7	V\$OCT1_03	0.8629	5648	(+)	NNNRTAATNANNN	GAGGTAATTTGTT
M0013		0.80928				GAAGTATTATGAAACATAACAC
8	V\$OCT1_04	5	5680	(+)	NNNNNNNNWATGCAAATNNNWNW	A
M0013						
7	V\$OCT1_03	0.88226	5699	(+)	NNNRTAATNANNN	CACATAAAAAAGAT
M0016		0.84218				
2	V\$OCT1_06	7	5699	(-)	CWNAWTKWSATRYN	CACATAAAAAAGATT
M0016		0.80429				
2	V\$OCT1_06	7	5701	(+)	CWNAWTKWSATRYN	CATAAAAAAGATTTA
M0013		0.81221				ATAAAAAAGATTTATAA-
8	V\$OCT1_04	2	5702	(+)	NNNNNNNNWATGCAAATNNNWNW	TAATTAT
M0013						AAAAAGATTTATAA-
8	V\$OCT1_04	0.82455	5704	(-)	NNNNNNNNWATGCAAATNNNWNW	TAATTATGT
M0013		0.90517				
7	V\$OCT1_03	6	5711	(+)	NNNRTAATNANNN	TTTATAATAATTA
M0024		0.81980				
8	V\$OCT1_07	1	5711	(+)	TNTATGNTAATT	TTTATAATAATT
M0013		0.91663				
7	V\$OCT1_03	4	5714	(+)	NNNRTAATNANNN	ATAATAATTATGT
M0013		0.89687				
7	V\$OCT1_03	9	5715	(-)	NNNRTAATNANNN	TAATAATTATGTT
M0013		0.79673				TAATAATTATGTTTCAGTCTAA-
8	V\$OCT1_04	8	5715	(+)	NNNNNNNNWATGCAAATNNNWNW	GA
M0013		0.79652				GTCTAAGAATGGTAA-
8	V\$OCT1_04	9	5730	(+)	NNNNNNNNWATGCAAATNNNWNW	TATAAATG
M0013		0.79149				
5	V\$OCT1_01	2	5732	(+)	NNNNWTATGCAAATNTNNN	CTAAGAATGGTAATATAAA
M0016						
2	V\$OCT1_06	0.81875	5735	(+)	CWNAWTKWSATRYN	AGAATGGTAATATA
M0024		0.82467				
8	V\$OCT1_07	7	5735	(+)	TNTATGNTAATT	AGAATGGTAATA
M0013		0.78858				GAATGGTAA-
8	V\$OCT1_04	2	5736	(+)	NNNNNNNNWATGCAAATNNNWNW	TATAAATGTCAGTG
M0013		0.73407				
5	V\$OCT1_01	1	5738	(+)	NNNNWTATGCAAATNTNNN	ATGGTAATATAAATGTCAG
M0013						
7	V\$OCT1_03	0.84275	5738	(+)	NNNRTAATNANNN	ATGGTAATATAAA
M0016		0.83437				
2	V\$OCT1_06	5	5741	(+)	CWNAWTKWSATRYN	GTAATATAAATGTC
M0013		0.78105				TAATATAAATGTCAGTGTA-
8	V\$OCT1_04	4	5742	(+)	NNNNNNNNWATGCAAATNNNWNW	GAA
M0016		0.86328				
2	V\$OCT1_06	1	5747	(-)	CWNAWTKWSATRYN	TAAATGTCAGTGTA
M0016		0.84218				
2	V\$OCT1_06	7	5762	(-)	CWNAWTKWSATRYN	GAAATGAAAACTTT
M0013		0.83291				TTGACAAAATGAAAA-
8	V\$OCT1_04	5	5774	(+)	NNNNNNNNWATGCAAATNNNWNW	TATTTTAA
M0013		0.77909				
5	V\$OCT1_01	2	5776	(+)	NNNNWTATGCAAATNTNNN	GACAAAATGAAAATATTTT
M0019		0.80922				
5	V\$OCT1_Q6	5	5778	(+)	NNNNATGCAAATNAN	CAAAATGAAAATATT
M0016						
2	V\$OCT1_06	0.9375	5779	(-)	CWNAWTKWSATRYN	AAAATGAAAATATT
M0024		0.81238				
8	V\$OCT1_07	1	5781	(-)	TNTATGNTAATT	AATGAAAATATT

M0016		0.82109				
2	V\$OCT1_06	4	5788	(+)	CWNAWTKWSATRYN	ATATTTTAAAGGTA
M0016						
2	V\$OCT1_06	0.81875	5789	(-)	CWNAWTKWSATRYN	TATTTTAAAGGTAG
M0016		0.84726				
2	V\$OCT1_06	6	5801	(-)	CWNAWTKWSATRYN	AGAAACACATTTTT
M0016		0.84726				
2	V\$OCT1_06	6	5808	(+)	CWNAWTKWSATRYN	CATTTTAAACACA
M0013		0.79835				
5	V\$OCT1_01	9	5817	(+)	NNNNWTATGCAAATNTNNN	ACACATAATCAAATTTTCAG
M0013						
7	V\$OCT1_03	0.92335	5818	(+)	NNNRTAATNANNN	CACATAATCAAAT
M0016						
2	V\$OCT1_06	0.86875	5820	(+)	CWNAWTKWSATRYN	CATAATCAAATTTTC
M0016		0.81367				
2	V\$OCT1_06	2	5820	(-)	CWNAWTKWSATRYN	CATAATCAAATTTTC
M0016		0.80351				
2	V\$OCT1_06	6	5826	(-)	CWNAWTKWSATRYN	CAAATTTTCAGAGTA
M0013						
6	V\$OCT1_02	0.82837	5863	(-)	NNGAATATKCANNNN	TACTGGTATATTCAT
M0013		0.82998				
8	V\$OCT1_04	7	5863	(-)	NNNNNNNWATGCAAATNNNWNW	TACTGGTATATTCATTTTACTAA
M0013						
6	V\$OCT1_02	0.87412	5866	(+)	NNGAATATKCANNNN	TGGTATATTCATTTT
M0016		0.82656				
2	V\$OCT1_06	2	5867	(+)	CWNAWTKWSATRYN	GGTATATTCATTTT
M0013		0.80112				
8	V\$OCT1_04	9	5869	(-)	NNNNNNNWATGCAAATNNNWNW	TATATTCATTTTACTAATGGTAT
M0016		0.82656				
2	V\$OCT1_06	2	5869	(-)	CWNAWTKWSATRYN	TATATTCATTTTAC
M0013		0.85855				
7	V\$OCT1_03	4	5879	(+)	NNNRTAATNANNN	TTACTAATGGTAT
M0013		0.79213				
8	V\$OCT1_04	7	5898	(-)	NNNNNNNWATGCAAATNNNWNW	TTTAATAAATGCATATTAG-TAG
M0013		0.87306				
8	V\$OCT1_04	6	5899	(+)	NNNNNNNWATGCAAATNNNWNW	TTTAATAAATGCATATTAG-TAGG
M0013		0.76745				
5	V\$OCT1_01	5	5900	(-)	NNNNWTATGCAAATNTNNN	TTAATAAATGCATATTAGT
M0013		0.75772				
5	V\$OCT1_01	6	5901	(+)	NNNNWTATGCAAATNTNNN	TAATAAATGCATATTAGTA
M0016		0.85507				
2	V\$OCT1_06	8	5902	(+)	CWNAWTKWSATRYN	AATAAATGCATATT
M0019		0.85616				
5	V\$OCT1_Q6	8	5903	(+)	NNNNATGCAAATNAN	ATAAATGCATATTAG
M0013		0.93584				
6	V\$OCT1_02	2	5904	(-)	NNGAATATKCANNNN	TAAATGCATATTAGT
M0016		0.85273				
2	V\$OCT1_06	4	5904	(-)	CWNAWTKWSATRYN	TAAATGCATATTAG
M0024		0.81916				
8	V\$OCT1_07	5	5904	(+)	TNTATGNTAATT	TAAATGCATATT
M0016		0.81406				
2	V\$OCT1_06	2	5937	(+)	CWNAWTKWSATRYN	GGGACTGTGATCCC
M0013		0.78786				
5	V\$OCT1_01	7	5948	(+)	NNNNWTATGCAAATNTNNN	CCCCTTATTCTAATGATGG
M0016		0.85721				
1	V\$OCT1_05	4	5951	(-)	MKNATTTGCATAYY	CTTATTCTAATGAT
M0016		0.80195				
2	V\$OCT1_06	3	5951	(+)	CWNAWTKWSATRYN	CTTATTCTAATGAT
M0024		0.79372				
8	V\$OCT1_07	5	5951	(+)	TNTATGNTAATT	CTTATTCTAATG
M0013		0.87791				
7	V\$OCT1_03	4	5954	(+)	NNNRTAATNANNN	ATTCTAATGATGG
M0013		0.79967				
6	V\$OCT1_02	5	5960	(-)	NNGAATATKCANNNN	ATGATGGATATACTG
M0013		0.91472				
6	V\$OCT1_02	7	6082	(-)	NNGAATATKCANNNN	ATTGAGAATATTCAT

M0013		0.83333					ATTGAGAA-
8	V\$OCT1_04	3	6082	(-)	NNNNNNNWATGCAAATNNNWNW		TATTCATAATTACCC
M0013		0.85633					TTGAGAA-
8	V\$OCT1_04	6	6083	(+)	NNNNNNNWATGCAAATNNNWNW		TATTCATAATTACCCA
M0013		0.76001					
5	V\$OCT1_01	5	6084	(-)	NNNNWTATGCAAATNTNNN		TGAGAATATTCATAATTAC
M0013		0.96128					
6	V\$OCT1_02	9	6085	(+)	NNGAATATKCANNNN		GAGAATATTCATAAT
M0016		0.87049					
1	V\$OCT1_05	6	6086	(+)	MKNATTTGCATAYY		AGAATATTCATAAT
M0013		0.86724					
7	V\$OCT1_03	6	6092	(+)	NNNRTAATNANNN		TTCATAATTACCC
M0013		0.93678					
7	V\$OCT1_03	4	6093	(-)	NNNRTAATNANNN		TCATAATTACCCA
M0013		0.80644					
6	V\$OCT1_02	3	6124	(-)	NNGAATATKCANNNN		ACAGTGACTATTCAA
M0013		0.86220					
6	V\$OCT1_02	9	6127	(+)	NNGAATATKCANNNN		GTGACTATTCAATGG
M0016		0.80859					
2	V\$OCT1_06	4	6130	(-)	CWNAWTKWSATRYN		ACTATTCAATGGTT
M0013		0.80740					
8	V\$OCT1_04	3	6135	(-)	NNNNNNNWATGCAAATNNNWNW		TCAATGGTTTTATATTATATTG
M0016		0.80859					
2	V\$OCT1_06	4	6150	(-)	CWNAWTKWSATRYN		TATATTTGATAGCT
M0013		0.84156					
7	V\$OCT1_03	5	6171	(-)	NNNRTAATNANNN		TCACATTTATGAA
M0013		0.78272					TCACATTTATGAATGTGTG-
8	V\$OCT1_04	7	6171	(+)	NNNNNNNWATGCAAATNNNWNW		GAGT
M0016		0.82929					
2	V\$OCT1_06	7	6172	(-)	CWNAWTKWSATRYN		CACATTTATGAATG
M0016		0.82148					
2	V\$OCT1_06	4	6174	(+)	CWNAWTKWSATRYN		CATTTATGAATGTG
M0013		0.82747					AAAAAGTATTTCCATTACCCAG
8	V\$OCT1_04	8	6197	(-)	NNNNNNNWATGCAAATNNNWNW		A
M0013		0.77203					
5	V\$OCT1_01	4	6199	(-)	NNNNWTATGCAAATNTNNN		AAAGTATTTCCATTACCCA
M0016		0.83945					
2	V\$OCT1_06	3	6201	(-)	CWNAWTKWSATRYN		AGTATTTCCATTAC
M0019		0.81495					
5	V\$OCT1_Q6	6	6201	(-)	NNNNATGCAAATNAN		AGTATTTCCATTACC
M0013		0.88186					
7	V\$OCT1_03	5	6205	(-)	NNNRTAATNANNN		TTTCCATTACCCA
M0016		0.82148					
2	V\$OCT1_06	4	6239	(+)	CWNAWTKWSATRYN		AACAATTGAGTATA
M0013		0.77449					
6	V\$OCT1_02	9	6241	(-)	NNGAATATKCANNNN		CAATTGAGTATACAA
M0013		0.78565					AATTGAGTATA-
8	V\$OCT1_04	5	6242	(+)	NNNNNNNWATGCAAATNNNWNW		CAAATGTGTGAC
M0013		0.86169					
5	V\$OCT1_01	4	6244	(+)	NNNNWTATGCAAATNTNNN		TTGAGTATACAAATGTGTG
M0019		0.83433					
5	V\$OCT1_Q6	4	6246	(+)	NNNNATGCAAATNAN		GAGTATACAAATGTG
M0016		0.87382					
2	V\$OCT1_06	8	6247	(-)	CWNAWTKWSATRYN		AGTATACAAATGTG
M0016		0.80820					
2	V\$OCT1_06	3	6265	(-)	CWNAWTKWSATRYN		CATACCACATAGTT
M0013		0.85618					
7	V\$OCT1_03	3	6271	(-)	NNNRTAATNANNN		ACATAGTTATTAA
M0013							
5	V\$OCT1_01	0.77852	6278	(-)	NNNNWTATGCAAATNTNNN		TATTAATTAGCAGAACTG
M0013		0.86487					
7	V\$OCT1_03	6	6278	(-)	NNNRTAATNANNN		TATTAATTAGCAG
M0024		0.86410					
8	V\$OCT1_07	9	6282	(-)	TNTATGNTAATT		AATTAGCAGAAC
M0013		0.75829					
5	V\$OCT1_01	8	6287	(-)	NNNNWTATGCAAATNTNNN		GCAGAACTTGCTTAAAAAT

M0016		0.80937				
2	V\$OCT1_06	5	6295	(-)	CWNAWTKWSATRYN	TGCTTAAAAATAAG
M0016		0.84257				
2	V\$OCT1_06	8	6319	(+)	CWNAWTKWSATRYN	CAGCATAAAAATTCT
M0016		0.87617				
2	V\$OCT1_06	2	6320	(-)	CWNAWTKWSATRYN	AGCATAAAAATTCTT
M0013		0.78451				
6	V\$OCT1_02	5	6322	(+)	NNGAATATKCANNNN	CATAAAATTCTTTCA
M0013		0.78084				
8	V\$OCT1_04	5	6323	(-)	NNNNNNNNWATGCAAATNNNWNW	ATAAAATTCTTTCATTATATTAC
M0016		0.82148				
2	V\$OCT1_06	4	6327	(+)	CWNAWTKWSATRYN	AATTCTTTCATTAT
M0013		0.86724				
7	V\$OCT1_03	6	6331	(-)	NNNRTAATNANNN	CTTTCATTATATT
M0013						
6	V\$OCT1_02	0.77098	6351	(-)	NNGAATATKCANNNN	TGGTAACATATTTAT
M0013		0.78314				
8	V\$OCT1_04	5	6351	(-)	NNNNNNNNWATGCAAATNNNWNW	TGGTAACATATTTATCTAATTGT
M0013						
7	V\$OCT1_03	0.86448	6356	(-)	NNNRTAATNANNN	ACATATTTATCTA
M0016		0.89453				
2	V\$OCT1_06	1	6361	(-)	CWNAWTKWSATRYN	TTTATCTAATTGTG
M0013						
7	V\$OCT1_03	0.88305	6364	(-)	NNNRTAATNANNN	ATCTAATTGTGAT
M0016		0.96093				
2	V\$OCT1_06	7	6366	(+)	CWNAWTKWSATRYN	CTAATTGTGATATT
M0016		0.82929				
2	V\$OCT1_06	7	6374	(-)	CWNAWTKWSATRYN	GATATTTAAGCTTT
M0016		0.81367				
2	V\$OCT1_06	2	6389	(+)	CWNAWTKWSATRYN	CTGTTTTAGAATTG
M0016		0.83476				
2	V\$OCT1_06	6	6396	(-)	CWNAWTKWSATRYN	AGAATTGAAGATTG
M0013		0.80481				
6	V\$OCT1_02	9	6397	(-)	NNGAATATKCANNNN	GAATTGAAGATTGAT
M0013		0.78586				
8	V\$OCT1_04	4	6433	(+)	NNNNNNNNWATGCAAATNNNWNW	ATTTTCTAAGTCAAAATGAATTT
M0013		0.81023				
6	V\$OCT1_02	3	6445	(-)	NNGAATATKCANNNN	AAAATGAATTTACAA
M0016		0.80820				
2	V\$OCT1_06	3	6465	(-)	CWNAWTKWSATRYN	TGCCTTTAAAGACT
M0013		0.89569				
7	V\$OCT1_03	3	6478	(-)	NNNRTAATNANNN	TCAAGATTACCAC
M0016		0.88281				
2	V\$OCT1_06	2	6542	(-)	CWNAWTKWSATRYN	TGAATTAAAAAAAC
M0024		0.79860				
8	V\$OCT1_07	1	6544	(-)	TNTATGNTAATT	AATTAAAAAAAC
M0013		0.80782				
8	V\$OCT1_04	1	6546	(+)	NNNNNNNNWATGCAAATNNNWNW	TTAAAAAAACACATATTAA- GACT
M0013		0.79074				
6	V\$OCT1_02	2	6551	(-)	NNGAATATKCANNNN	AAAACACATATTAAG
M0016		0.80859				
2	V\$OCT1_06	4	6563	(+)	CWNAWTKWSATRYN	AAGACTTAGTTTCC
M0013		0.79924				
8	V\$OCT1_04	7	6564	(-)	NNNNNNNNWATGCAAATNNNWNW	AGACTTAG- TTTCCATTAAAAACAA
M0024		0.81513				
8	V\$OCT1_07	7	6570	(-)	TNTATGNTAATT	AGTTTCCATTAA
M0013		0.78607				
8	V\$OCT1_04	3	6615	(-)	NNNNNNNNWATGCAAATNNNWNW	AAGTCTTTTTTAAAATAGATCTTT
M0016		0.83164				
2	V\$OCT1_06	1	6634	(+)	CWNAWTKWSATRYN	CTTCTTTGTTATA
M0016		0.81367				
2	V\$OCT1_06	2	6654	(+)	CWNAWTKWSATRYN	CAGTTTGGACTATT
M0013		0.75047				
5	V\$OCT1_01	7	6662	(+)	NNNNWTATGCAAATNTNNN	ACTATTATCCAAAGTATGT
M0013		0.77531				
6	V\$OCT1_02	1	6662	(+)	NNGAATATKCANNNN	ACTATTATCCAAAGT

M0016		0.87215				
1	V\$OCT1_05	7	6665	(-)	MKNATTTGCATAYY	ATTATCCAAAGTAT
M0016						
2	V\$OCT1_06	0.81875	6665	(-)	CWNAWTKWSATRYN	ATTATCCAAAGTAT
M0016		0.83437				
2	V\$OCT1_06	5	6696	(-)	CWNAWTKWSATRYN	GGCAACTCAGGAAG
M0013		0.89924				
7	V\$OCT1_03	9	6782	(+)	NNNRTAATNANNN	GGGTTAATGAGAA
M0016		0.84726				
2	V\$OCT1_06	6	6784	(+)	CWNAWTKWSATRYN	GTTAATGAGAAATC
M0013		0.79209				
6	V\$OCT1_02	5	6802	(-)	NNGAATATKCANNNN	AGCGAGCATTTTACT
M0013		0.88186				
7	V\$OCT1_03	5	6813	(-)	NNNRTAATNANNN	TACTCATTAGTCT
M0013		0.79004				
8	V\$OCT1_04	6	6816	(+)	NNNNNNNNWATGCAAATNNNWNW	TCATTAGTCTTCATATGACCCCA
M0016		0.81640				
2	V\$OCT1_06	6	6858	(-)	CWNAWTKWSATRYN	CAAATGGAAGATTT
M0016		0.83437				
2	V\$OCT1_06	5	6865	(+)	CWNAWTKWSATRYN	AAGATTTTCTTTCT
M0013		0.77152				
6	V\$OCT1_02	1	6881	(-)	NNGAATATKCANNNN	TCACTGAATTATGTT
M0016						
2	V\$OCT1_06	0.81875	6892	(-)	CWNAWTKWSATRYN	TGTTTTAAAAAGAG
M0013		0.78105				
8	V\$OCT1_04	4	6905	(+)	NNNNNNNNWATGCAAATNNNWNW	GGAGGATAATTCATCATAAA-TAA
M0013		0.82539				
6	V\$OCT1_02	3	6907	(+)	NNGAATATKCANNNN	AGGATAATTCATCAT
M0013		0.80154				
8	V\$OCT1_04	7	6907	(-)	NNNNNNNNWATGCAAATNNNWNW	AGGATAATTCATCATAAA-TAACA
M0016		0.85273				
2	V\$OCT1_06	4	6921	(-)	CWNAWTKWSATRYN	TAAATAACAATTAT
M0013		0.85736				
7	V\$OCT1_03	9	6925	(-)	NNNRTAATNANNN	TAACAATTATAAC
M0016		0.81367				
2	V\$OCT1_06	2	6946	(-)	CWNAWTKWSATRYN	GGACTCAAAGTTTT
M0016		0.83476				
2	V\$OCT1_06	6	7115	(+)	CWNAWTKWSATRYN	CAGCCTGAAATAAT
M0016		0.87578				
2	V\$OCT1_06	1	7116	(-)	CWNAWTKWSATRYN	AGCCTGAAATAATG
M0013		0.85381				
7	V\$OCT1_03	3	7121	(+)	NNNRTAATNANNN	GAAATAATGGGAG
M0016		0.82148				
2	V\$OCT1_06	4	7123	(+)	CWNAWTKWSATRYN	AATAATGGGAGTCC
M0016		0.86328				
2	V\$OCT1_06	1	7166	(+)	CWNAWTKWSATRYN	CACAAGGAAATGCC
M0013		0.77314				
6	V\$OCT1_02	6	7169	(+)	NNGAATATKCANNNN	AAGGAAATGCCCTTC
M0016		0.81367				
2	V\$OCT1_06	2	7180	(+)	CWNAWTKWSATRYN	CTTCCCTAAATATC
M0013		0.78695				
6	V\$OCT1_02	2	7182	(-)	NNGAATATKCANNNN	TCCCTAAATATCCAG
M0013		0.80184				
6	V\$OCT1_02	1	7185	(+)	NNGAATATKCANNNN	CTAAATATCCAGTTG
M0016		0.85273				
2	V\$OCT1_06	4	7188	(-)	CWNAWTKWSATRYN	AATATCCAGTTGAG
M0016		0.91171				
2	V\$OCT1_06	9	7271	(+)	CWNAWTKWSATRYN	CAGTCTTGATGCA
M0016		0.80429				
2	V\$OCT1_06	7	7307	(+)	CWNAWTKWSATRYN	CCAACCGTCATGTT
M0013		0.74265				
5	V\$OCT1_01	5	7391	(+)	NNNNWTATGCAAATNTNNN	AGAGATATGCCCATCCAGG
M0013		0.78749				
6	V\$OCT1_02	3	7391	(+)	NNGAATATKCANNNN	AGAGATATGCCCATC
M0016		0.86562				
2	V\$OCT1_06	5	7484	(+)	CWNAWTKWSATRYN	CTAACTGTGCTGTT

M0024		0.82361					
8	V\$OCT1_07	7	7512	(+)	TNTATGNTAATT	TGTATGATATTT	
M0013						GTATGATATTTGAGTAATTAA-	
8	V\$OCT1_04	0.79862	7513	(-)	NNNNNNNNWATGCAAATNNNWNW	GA	
M0013		0.79702					
5	V\$OCT1_01	4	7515	(-)	NNNNWTATGCAAATNTNNN	ATGATATTTGAGTAATTAA	
M0016		0.82695					
2	V\$OCT1_06	3	7517	(-)	CWNAWTKWSATRYN	GATATTTGAGTAAT	
M0013		0.90557					
7	V\$OCT1_03	1	7523	(+)	NNNRTAATNANNN	TGAGTAATTAAGA	
M0013		0.84037					
7	V\$OCT1_03	9	7524	(-)	NNNRTAATNANNN	GAGTAATTAAGAG	
M0016		0.82148					
2	V\$OCT1_06	4	7545	(-)	CWNAWTKWSATRYN	AAAAATCAATAATG	
M0013		0.85894					
7	V\$OCT1_03	9	7550	(+)	NNNRTAATNANNN	TCAATAATGAATG	
M0013		0.81325				TTCCAAAATAAGCATAGCTGA-	
8	V\$OCT1_04	8	7564	(-)	NNNNNNNNWATGCAAATNNNWNW	GA	
M0013		0.78767					
5	V\$OCT1_01	6	7566	(-)	NNNNWTATGCAAATNTNNN	CCAAAATAAGCATAGCTGA	
M0024		0.86898					
8	V\$OCT1_07	5	7570	(-)	TNTATGNTAATT	AATAAGCATAGC	
M0016		0.85507					
2	V\$OCT1_06	8	7598	(+)	CWNAWTKWSATRYN	CAGCATTAGTTATA	
M0013		0.87475					
7	V\$OCT1_03	3	7606	(+)	NNNRTAATNANNN	GTTATAAATAGAA	
M0013		0.79101					
6	V\$OCT1_02	2	7611	(-)	NNGAATATKCANNNN	AAATAGAATAAGCTG	
M0024		0.79372					
8	V\$OCT1_07	5	7611	(-)	TNTATGNTAATT	AAATAGAATAAG	
M0016		0.85546					
2	V\$OCT1_06	9	7652	(-)	CWNAWTKWSATRYN	CAGATCTCAATGTC	
M0016		0.83984					
2	V\$OCT1_06	4	7680	(+)	CWNAWTKWSATRYN	GAGATTCTGATTTA	
M0016		0.86054					
2	V\$OCT1_06	7	7686	(+)	CWNAWTKWSATRYN	CTGATTAACTGTT	
M0016		0.81210					
2	V\$OCT1_06	9	7731	(+)	CWNAWTKWSATRYN	AATAATATCATGGA	
M0016		0.84765					
2	V\$OCT1_06	6	7767	(+)	CWNAWTKWSATRYN	AGAACTTAGATGAA	
M0024		0.83442					
8	V\$OCT1_07	9	7789	(-)	TNTATGNTAATT	AGTTACAATAAA	
M0016		0.82187					
2	V\$OCT1_06	5	7803	(+)	CWNAWTKWSATRYN	CAGAATTGAACTTG	
M0013		0.87988					
7	V\$OCT1_03	9	7814	(+)	NNNRTAATNANNN	TTGATAATCTCAT	
M0016		0.85546					
2	V\$OCT1_06	9	7816	(+)	CWNAWTKWSATRYN	GATAATCTCATTTG	
M0016		0.81757					
2	V\$OCT1_06	8	7817	(-)	CWNAWTKWSATRYN	ATAATCTCATTTGG	
M0013		0.78837				TAATCTCATTTGGCTAAGAA-	
8	V\$OCT1_04	3	7818	(-)	NNNNNNNNWATGCAAATNNNWNW	TAA	
M0016		0.80078					
2	V\$OCT1_06	1	7834	(-)	CWNAWTKWSATRYN	AGAATAACAAACCT	
M0013		0.81911					
8	V\$OCT1_04	3	7865	(-)	NNNNNNNNWATGCAAATNNNWNW	TCTACAATTTGAAGTTTTCCTT	
M0016		0.81367					
2	V\$OCT1_06	2	7869	(+)	CWNAWTKWSATRYN	CAATTTTGAAGTTT	
M0016		0.80820					
2	V\$OCT1_06	3	7870	(+)	CWNAWTKWSATRYN	AATTTTGAAGTTTT	
M0013		0.78502					
8	V\$OCT1_04	7	7879	(-)	NNNNNNNNWATGCAAATNNNWNW	GTTTTCTTATGCACAATTATT	
M0013		0.84907					
7	V\$OCT1_03	2	7880	(-)	NNNRTAATNANNN	TTTTCTTATGCA	
M0013		0.81228					
5	V\$OCT1_01	5	7882	(+)	NNNNWTATGCAAATNTNNN	TTCCTTATGCACAATTATT	

M0013		0.79750				
6	V\$OCT1_02	9	7882	(+)	NNGAATATKCANNNN	TTCCTTATGCACAAT
M0013		0.86843				
7	V\$OCT1_03	1	7889	(+)	NNNRTAATNANNN	TGCACAATTATTT
M0016		0.83945				
2	V\$OCT1_06	3	7925	(+)	CWNAWTKWSATRYN	TTGTTTTTGATATA
M0016		0.83437				
2	V\$OCT1_06	5	7927	(+)	CWNAWTKWSATRYN	GTTTTTGATATATG
M0013		0.80637				
5	V\$OCT1_01	2	7933	(-)	NNNNWTATGCAAATNTNNN	GATATATGAGCATATGAGG
M0016		0.80937				
2	V\$OCT1_06	5	7935	(-)	CWNAWTKWSATRYN	TATATGAGCATATG
M0013		0.79588				
6	V\$OCT1_02	5	7937	(-)	NNGAATATKCANNNN	TATGAGCATATGAGG
M0016		0.94531				
2	V\$OCT1_06	2	7956	(+)	CWNAWTKWSATRYN	AATACTGAGATGCT
M0013						ATACTGAGATGCTTATTTCAA-
8	V\$OCT1_04	0.82476	7957	(+)	NNNNNNNWATGCAAATNNWNNW	TA
M0013		0.74723				
5	V\$OCT1_01	4	7959	(+)	NNNNWTATGCAAATNTNNN	ACTGAGATGCTTATTTCAA
M0013		0.76154				
5	V\$OCT1_01	1	7966	(-)	NNNNWTATGCAAATNTNNN	TGCTTATTTCAAACTCAG
M0016		0.87890				
2	V\$OCT1_06	6	7968	(+)	CWNAWTKWSATRYN	CTTATTTCAAACT
M0016		0.82695				
2	V\$OCT1_06	3	7968	(-)	CWNAWTKWSATRYN	CTTATTTCAAACT
M0019		0.81550				
5	V\$OCT1_Q6	2	7968	(-)	NNNNATGCAAATNAN	CTTATTTCAAACTC
M0013		0.77422				
6	V\$OCT1_02	8	7970	(-)	NNGAATATKCANNNN	TATTTCAAACTCAG
M0024		0.79605				
8	V\$OCT1_07	7	7970	(-)	TNTATGNTAATT	TATTTCAAACT
M0013		0.78722				
6	V\$OCT1_02	3	7973	(+)	NNGAATATKCANNNN	TTCAATACTCAGGGA
M0016		0.85507				
2	V\$OCT1_06	8	7987	(+)	CWNAWTKWSATRYN	AAAATTTTCTTGCC
M0013						
5	V\$OCT1_01	0.76612	8006	(-)	NNNNWTATGCAAATNTNNN	GCAAGAATTGTATAATTCA
M0013		0.77341				
6	V\$OCT1_02	6	8014	(+)	NNGAATATKCANNNN	TGTATAATTCATTCA
M0016		0.82109				
2	V\$OCT1_06	4	8015	(+)	CWNAWTKWSATRYN	GTATAATTCATTCA
M0016		0.83437				
2	V\$OCT1_06	5	8016	(-)	CWNAWTKWSATRYN	TATAATTCATTAC
M0016		0.84492				
2	V\$OCT1_06	2	8029	(+)	CWNAWTKWSATRYN	CTTATTTTATTTTA
M0024		0.83167				
8	V\$OCT1_07	3	8034	(+)	TNTATGNTAATT	TTTATTTTATTT
M0013		0.81681				
8	V\$OCT1_04	3	8037	(-)	NNNNNNNWATGCAAATNNWNNW	ATTTTATTTTAAATTTTAAGG
M0016		0.83437				
2	V\$OCT1_06	5	8041	(+)	CWNAWTKWSATRYN	TATTTTAAATTTT
M0024		0.83167				
8	V\$OCT1_07	3	8041	(+)	TNTATGNTAATT	TATTTTAAATT
M0016		0.80039				
2	V\$OCT1_06	1	8042	(+)	CWNAWTKWSATRYN	ATTTTAAATTTT
M0013		0.78460				
8	V\$OCT1_04	9	8044	(-)	NNNNNNNWATGCAAATNNWNNW	TTTTTAATTTTAAAGGTCTAAGA
M0013						TAAGAGGAT-
8	V\$OCT1_04	0.7821	8062	(-)	NNNNNNNWATGCAAATNNWNNW	TTCAATGTGAATGC
M0016		0.82187				
2	V\$OCT1_06	5	8066	(+)	CWNAWTKWSATRYN	AGGATTTCATGTG
M0016		0.88164				
2	V\$OCT1_06	1	8066	(-)	CWNAWTKWSATRYN	AGGATTTCATGTG
M0013		0.80991				
8	V\$OCT1_04	2	8126	(-)	NNNNNNNWATGCAAATNNWNNW	ACTGATCATTTTATAGTTAATA

M0019		0.81959				
5	V\$OCT1_Q6	6	8130	(-)	NNNNATGCAAATNAN	ATCATTTTTATAGTT
M0016		0.80820				
2	V\$OCT1_06	3	8138	(-)	CWNAWTKWSATRYN	TATAGTTAATATCT
M0013		0.84274				
8	V\$OCT1_04	4	8144	(-)	NNNNNNNWATGCAAATNNNWNW	TAATATCTTTTACATTTAATTTT
M0016		0.89843				
2	V\$OCT1_06	7	8148	(+)	CWNAWTKWSATRYN	ATCTTTTACATTTA
M0016		0.83437				
2	V\$OCT1_06	5	8153	(+)	CWNAWTKWSATRYN	TTACATTTAATTTT
M0016		0.95312				
2	V\$OCT1_06	5	8154	(-)	CWNAWTKWSATRYN	TACATTTAATTTTC
M0013		0.83458				ACATTTAATTTTCTGGATAA-
8	V\$OCT1_04	8	8155	(-)	NNNNNNNWATGCAAATNNNWNW	GA
M0013		0.79067				AGTAGCAATTTCTATCAG-
8	V\$OCT1_04	3	8184	(-)	NNNNNNNWATGCAAATNNNWNW	TATAC
M0013		0.76001				
5	V\$OCT1_01	5	8200	(-)	NNNNWTATGCAAATNTNNN	AGTATACCAGCATAAAGAT
M0013		0.87791				
7	V\$OCT1_03	4	8208	(+)	NNNRTAATNANNN	AGCATAAAGATTA
M0016		0.80937				
2	V\$OCT1_06	5	8208	(-)	CWNAWTKWSATRYN	AGCATAAAGATTAG
M0013		0.83479				
8	V\$OCT1_04	7	8215	(-)	NNNNNNNWATGCAAATNNNWNW	AGATTAGTTTTAAATTTATTTTC
M0016		0.82929				
2	V\$OCT1_06	7	8219	(+)	CWNAWTKWSATRYN	TAGTTTTAAATTTA
M0016		0.83945				
2	V\$OCT1_06	3	8220	(-)	CWNAWTKWSATRYN	AGTTTTAAATTTAT
M0016		0.88906				
2	V\$OCT1_06	2	8259	(-)	CWNAWTKWSATRYN	GACCTGAAATTATG
M0016		0.82656				
2	V\$OCT1_06	2	8272	(+)	CWNAWTKWSATRYN	GTATCTGTTATATT
M0013		0.79715				
8	V\$OCT1_04	6	8275	(+)	NNNNNNNWATGCAAATNNNWNW	TCTGTTATATTTCAAATAATGCA
M0016		0.84726				
2	V\$OCT1_06	6	8280	(-)	CWNAWTKWSATRYN	TATATTTCAAATAA
M0016		0.86015				
2	V\$OCT1_06	6	8282	(-)	CWNAWTKWSATRYN	TATTTCAAATAATG
M0013		0.83396				TTCAAATAATGCAAACTG-
8	V\$OCT1_04	1	8285	(+)	NNNNNNNWATGCAAATNNNWNW	TATA
M0013		0.81686				
5	V\$OCT1_01	4	8287	(+)	NNNNWTATGCAAATNTNNN	CAAATAATGCAAACTGTA
M0019		0.80867				
5	V\$OCT1_Q6	9	8289	(+)	NNNNATGCAAATNAN	AATAATGCAAACTG
M0016		0.83476				
2	V\$OCT1_06	6	8290	(-)	CWNAWTKWSATRYN	ATAATGCAAACTG
M0013		0.81681				ATGCAAACTG-
8	V\$OCT1_04	3	8293	(+)	NNNNNNNWATGCAAATNNNWNW	TATATATATGGT
M0016		0.80429				
2	V\$OCT1_06	7	8296	(+)	CWNAWTKWSATRYN	CAAACTGTATATA
M0013		0.78732				
8	V\$OCT1_04	7	8331	(-)	NNNNNNNWATGCAAATNNNWNW	TGGTTTTCTTTCAATTGCCTATA
M0024		0.80029				
8	V\$OCT1_07	7	8350	(+)	TNTATGNTAATT	TATATCCTTATT
M0013		0.84116				
7	V\$OCT1_03	9	8351	(-)	NNNRTAATNANNN	ATATCCTTATTAT
M0013						
7	V\$OCT1_03	0.9032	8354	(-)	NNNRTAATNANNN	TCCTTATTATTGA
M0013		0.91979				
7	V\$OCT1_03	5	8366	(+)	NNNRTAATNANNN	ATTGTAATCATTT
M0013		0.78000				AATCATTTATA-
8	V\$OCT1_04	8	8371	(+)	NNNNNNNWATGCAAATNNNWNW	GAAAAAACTGAA
M0013		0.80426				AGAAAAAACTGAAAA-
8	V\$OCT1_04	6	8381	(+)	NNNNNNNWATGCAAATNNNWNW	TAATTTCT
M0019		0.81877				
5	V\$OCT1_Q6	7	8385	(+)	NNNNATGCAAATNAN	AAAACTGAAAAATAAT

M0016		0.83945				
2	V\$OCT1_06	3	8386	(-)	CWNAWTKWSATRYN	AAACTGAAAATAAT
M0016		0.86796				
2	V\$OCT1_06	9	8394	(+)	CWNAWTKWSATRYN	AATAATTTCTTATA
M0016		0.81210				
2	V\$OCT1_06	9	8404	(+)	CWNAWTKWSATRYN	TATACTTTTATGTA
M0013		0.78042				
8	V\$OCT1_04	7	8405	(+)	NNNNNNNWATGCAAATNNNWNW	ATACTTTTATGTAAACCTGTTAG
M0013		0.76039				
5	V\$OCT1_01	7	8407	(+)	NNNNWTATGCAAATNTNNN	ACTTTTATGTAAACCTGTT
M0016		0.81210				
2	V\$OCT1_06	9	8410	(-)	CWNAWTKWSATRYN	TTTATGTAAACCTG
M0016		0.82148				
2	V\$OCT1_06	4	8442	(+)	CWNAWTKWSATRYN	ATCAACTGCATTCA
M0016		0.83437				
2	V\$OCT1_06	5	8448	(-)	CWNAWTKWSATRYN	TGCATTACATTTC
M0019		0.79803				
5	V\$OCT1_Q6	5	8448	(-)	NNNNATGCAAATNAN	TGCATTACATTCT
M0013		0.94863				
7	V\$OCT1_03	7	8467	(-)	NNNRATAATNANN	TAGTCATTATGAG
M0016		0.85507				
2	V\$OCT1_06	8	8471	(+)	CWNAWTKWSATRYN	CATTATGAGCTTCA
M0013		0.78293				
8	V\$OCT1_04	6	8486	(-)	NNNNNNNWATGCAAATNNNWNW	TTGTTTTATCTCACTTAAAATTT
M0013		0.79130				
8	V\$OCT1_04	1	8491	(+)	NNNNNNNWATGCAAATNNNWNW	TTATCTCACTTAAAATTTATATA
M0013		0.78460				
8	V\$OCT1_04	9	8492	(-)	NNNNNNNWATGCAAATNNNWNW	TATCTCACTTAAAATTTATATAT
M0016		0.82695				
2	V\$OCT1_06	3	8495	(+)	CWNAWTKWSATRYN	CTCACTTAAAATTT
M0013		0.83291				
8	V\$OCT1_04	5	8498	(-)	NNNNNNNWATGCAAATNNNWNW	ACTTAAAATTTATATATTGTCTT
M0013		0.80579				
5	V\$OCT1_01	9	8500	(-)	NNNNWTATGCAAATNTNNN	TTAAAATTTATATATTGTC
M0013		0.78816				
8	V\$OCT1_04	4	8500	(-)	NNNNNNNWATGCAAATNNNWNW	TTAAAATTTATATATTGTCTTTT
M0016						
2	V\$OCT1_06	0.88125	8502	(+)	CWNAWTKWSATRYN	AAAATTTATATATT
M0016		0.83437				
2	V\$OCT1_06	5	8502	(-)	CWNAWTKWSATRYN	AAAATTTATATATT
M0024		0.84820				
8	V\$OCT1_07	9	8504	(-)	TNTATGNTAATT	AATTTATATATT
M0016		0.81367				
2	V\$OCT1_06	2	8515	(+)	CWNAWTKWSATRYN	TGTCTTTTAATTCA
M0024		0.83654				
8	V\$OCT1_07	9	8515	(+)	TNTATGNTAATT	TGTCTTTTAATT
M0016		0.81367				
2	V\$OCT1_06	2	8534	(-)	CWNAWTKWSATRYN	CAAAATACAATTTTC
M0013		0.80427				
5	V\$OCT1_01	3	8571	(-)	NNNNWTATGCAAATNTNNN	AGGGGAATAGCATATAGTT
M0016		0.83476				
2	V\$OCT1_06	6	8573	(+)	CWNAWTKWSATRYN	GGGAATAGCATATA
M0019		0.82396				
5	V\$OCT1_Q6	3	8573	(-)	NNNNATGCAAATNAN	GGGAATAGCATATAG
M0013						
6	V\$OCT1_02	0.79399	8575	(-)	NNGAATATKCANNNN	GAATAGCATATAGTT
M0024		0.79923				
8	V\$OCT1_07	7	8575	(-)	TNTATGNTAATT	GAATAGCATATA
M0016		0.83281				
2	V\$OCT1_06	2	8579	(-)	CWNAWTKWSATRYN	AGCATATAGTTTTG
M0016		0.85234				
2	V\$OCT1_06	4	8584	(+)	CWNAWTKWSATRYN	ATAGTTTTGATATT
M0013		0.78018				
6	V\$OCT1_02	4	8586	(-)	NNGAATATKCANNNN	AGTTTTGATATTCTT
M0016		0.82148				
2	V\$OCT1_06	4	8586	(+)	CWNAWTKWSATRYN	AGTTTTGATATTCT

M0013		0.80008					
8	V\$OCT1_04	4	8587	(+)	NNNNNNNWATGCAAATNNNWNW	GTTTTGATATTCTTAAAGATATA	
M0013		0.80075					
6	V\$OCT1_02	8	8589	(+)	NNGAATATKCANNNN	TTTGATATTCTTAAA	
M0013		0.86013					
7	V\$OCT1_03	4	8596	(+)	NNNRTAATNANNN	TTCTTAAAGATAT	
M0013		0.82183					
8	V\$OCT1_04	2	8598	(-)	NNNNNNNWATGCAAATNNNWNW	CTTAAAGATATACATCTTTTGT	
M0016		0.81718					
2	V\$OCT1_06	7	8598	(+)	CWNAWTKWSATRYN	CTTAAAGATATACA	
M0016		0.81210					
2	V\$OCT1_06	9	8608	(-)	CWNAWTKWSATRYN	TACATCTTTTGTG	
M0013		0.78983				CAGCAGACATTTTAA-	
8	V\$OCT1_04	7	8631	(+)	NNNNNNNWATGCAAATNNNWNW	TAAAACAA	
M0013		0.80614				AGCAGACATTTTAA-	
8	V\$OCT1_04	8	8632	(-)	NNNNNNNWATGCAAATNNNWNW	TAAAACAAT	
M0013		0.75238					
5	V\$OCT1_01	5	8634	(-)	NNNNWTATGCAAATNTNNN	CAGACATTTTAATAAAACA	
M0016		0.83984					
2	V\$OCT1_06	4	8636	(+)	CWNAWTKWSATRYN	GACATTTTAATAAA	
M0016							
2	V\$OCT1_06	0.80625	8651	(-)	CWNAWTKWSATRYN	CAATTCCAAGTGAG	
M0013		0.78965					
6	V\$OCT1_02	9	8679	(-)	NNGAATATKCANNNN	TAGAGGAATTTTAT	
M0013		0.83103					
8	V\$OCT1_04	3	8679	(-)	NNNNNNNWATGCAAATNNNWNW	TAGAGGAATTTTATAACCTTA	
M0013		0.74265					
5	V\$OCT1_01	5	8681	(-)	NNNNWTATGCAAATNTNNN	GAGGAATTTTATAACCTT	
M0019		0.80349					
5	V\$OCT1_Q6	3	8683	(-)	NNNNATGCAAATNAN	GGAATTTTATAACC	
M0013							
8	V\$OCT1_04	0.7821	8717	(-)	NNNNNNNWATGCAAATNNNWNW	TGGTGTTTTGTAAATAAGATTTC	
M0016		0.80585					
2	V\$OCT1_06	9	8721	(+)	CWNAWTKWSATRYN	GTTTTGTAAATAAG	
M0013		0.94152					
7	V\$OCT1_03	5	8724	(+)	NNNRTAATNANNN	TTTGTAAATAAGAT	
M0013		0.78335				TTTCTTTATGAAAAAGTCACA	
8	V\$OCT1_04	4	8736	(+)	NNNNNNNWATGCAAATNNNWNW	C	
M0013		0.77985					
5	V\$OCT1_01	5	8738	(+)	NNNNWTATGCAAATNTNNN	TCTTTTATGAAAAAGTCAC	
M0016		0.83437					
2	V\$OCT1_06	5	8741	(-)	CWNAWTKWSATRYN	TTTATGAAAAAGTC	
M0016		0.86054					
2	V\$OCT1_06	7	8759	(+)	CWNAWTKWSATRYN	CAAAATTGGAAATG	
M0016		0.84218					
2	V\$OCT1_06	7	8786	(+)	CWNAWTKWSATRYN	AGTTATAACATATA	
M0013		0.78230				TTATAACATA-	
8	V\$OCT1_04	9	8788	(-)	NNNNNNNWATGCAAATNNNWNW	TAAGTGAATGTAC	
M0013		0.81429					
6	V\$OCT1_02	3	8798	(-)	NNGAATATKCANNNN	TAAGTGAATGTACAT	
M0016							
2	V\$OCT1_06	0.88125	8802	(-)	CWNAWTKWSATRYN	TGAATGTACATTG	
M0024		0.81725					
8	V\$OCT1_07	7	8802	(+)	TNTATGNTAATT	TGAATGTACATT	
M0016		0.84257					
2	V\$OCT1_06	8	8828	(+)	CWNAWTKWSATRYN	CAGAATTGACTGCG	
M0016		0.81367					
2	V\$OCT1_06	2	8840	(+)	CWNAWTKWSATRYN	CGACTGGAAATATG	
M0016		0.83437					
2	V\$OCT1_06	5	8855	(+)	CWNAWTKWSATRYN	CAACTTTTCAATCC	
M0016		0.82148					
2	V\$OCT1_06	4	8856	(-)	CWNAWTKWSATRYN	AACTTTTCAATCCT	
M0013							
5	V\$OCT1_01	0.73884	8862	(-)	NNNNWTATGCAAATNTNNN	TCAATCCTTGCATCATGCT	
M0013		0.74933					
5	V\$OCT1_01	2	8870	(+)	NNNNWTATGCAAATNTNNN	TGCATCATGCTACTAAGAT	

M0024		0.80432					
8	V\$OCT1_07	5	8881	(+)	TNTATGNTAATT	ACTAAGATAATT	
M0013						AGATAATTTTTAAATGAG-	
8	V\$OCT1_04	0.83898	8885	(-)	NNNNNNNNWATGCAAATNNNWNW	TATAC	
M0016		0.82929					
2	V\$OCT1_06	7	8889	(+)	CWNAWKWSATRYN	AATTTTTAAATGAG	
M0016		0.85273					
2	V\$OCT1_06	4	8889	(-)	CWNAWKWSATRYN	AATTTTTAAATGAG	
M0013		0.73273					
5	V\$OCT1_01	6	8893	(-)	NNNNWTATGCAAATNTNNN	TTTAAATGAGTATACATGG	
M0013		0.83297					
6	V\$OCT1_02	2	8895	(-)	NNGAATATKCANNNN	TAAATGAGTATACAT	
M0024		0.80517					
8	V\$OCT1_07	3	8897	(-)	TNTATGNTAATT	AATGAGTATACA	
M0013		0.79913					
6	V\$OCT1_02	4	8898	(+)	NNGAATATKCANNNN	ATGAGTATACATGGA	
M0016		0.84218					
2	V\$OCT1_06	7	8916	(+)	CWNAWKWSATRYN	AAAAATGAAACTTT	
M0016		0.81210					
2	V\$OCT1_06	9	8917	(-)	CWNAWKWSATRYN	AAAATGAAACTTTA	
M0013		0.78042					
8	V\$OCT1_04	7	8921	(-)	NNNNNNNNWATGCAAATNNNWNW	TGAAACTTTATTCCTTTATTAT	
M0016		0.82656					
2	V\$OCT1_06	2	8934	(+)	CWNAWKWSATRYN	CTTTATTTATTTTA	
M0016		0.85507					
2	V\$OCT1_06	8	8938	(+)	CWNAWKWSATRYN	ATTTATTTTATGCT	
M0013		0.79182					
6	V\$OCT1_02	5	8944	(-)	NNGAATATKCANNNN	TTTATGCTTTTTCAT	
M0013		0.84023					
8	V\$OCT1_04	4	8944	(-)	NNNNNNNNWATGCAAATNNNWNW	TTTATGCTTTTTCATCTTAATTT	
M0024		0.79923					
8	V\$OCT1_07	7	8944	(+)	TNTATGNTAATT	TTTATGCTTTTT	
M0013		0.78377					
8	V\$OCT1_04	2	8950	(-)	NNNNNNNNWATGCAAATNNNWNW	CTTTTTCATCTTAATTTGAATTT	
M0016		0.83046					
2	V\$OCT1_06	9	8954	(-)	CWNAWKWSATRYN	TTCATCTTAATTTG	
M0024		0.83739					
8	V\$OCT1_07	7	8954	(+)	TNTATGNTAATT	TTCATCTTAATT	
M0013		0.81576					
8	V\$OCT1_04	7	8956	(-)	NNNNNNNNWATGCAAATNNNWNW	CATCTTAATTTGAATTTGAGTCA	
M0013		0.74685					
5	V\$OCT1_01	2	8958	(-)	NNNNWTATGCAAATNTNNN	TCTTAATTTGAATTTGAGT	
M0016		0.86562					
2	V\$OCT1_06	5	8959	(+)	CWNAWKWSATRYN	CTTAATTTGAATTT	
M0016		0.82695					
2	V\$OCT1_06	3	8960	(+)	CWNAWKWSATRYN	TTAATTTGAATTTG	
M0013		0.79805					
6	V\$OCT1_02	1	8962	(-)	NNGAATATKCANNNN	AATTTGAATTTGAGT	
M0013		0.80112					
8	V\$OCT1_04	9	8962	(-)	NNNNNNNNWATGCAAATNNNWNW	AATTTGAATTTGAG- TCATAAACC	
M0024		0.81365					
8	V\$OCT1_07	3	8962	(-)	TNTATGNTAATT	AATTTGAATTTG	
M0016		0.81406					
2	V\$OCT1_06	2	8966	(-)	CWNAWKWSATRYN	TGAATTTGAGTCAT	
M0013						CTTTCAAATGTTAATTCAACA	
8	V\$OCT1_04	0.81514	8990	(+)	NNNNNNNNWATGCAAATNNNWNW	T	
M0013		0.80675					
5	V\$OCT1_01	3	8992	(+)	NNNNWTATGCAAATNTNNN	TTCAAATGTTAATTCAAC	
M0019		0.79612					
5	V\$OCT1_Q6	4	8994	(+)	NNNNATGCAAATNAN	CAAATGTTAATTCA	
M0016		0.82656					
2	V\$OCT1_06	2	8995	(+)	CWNAWKWSATRYN	AAAATGTTAATTCA	
M0024		0.91498					
8	V\$OCT1_07	8	8995	(+)	TNTATGNTAATT	AAAATGTTAATT	
M0013		0.79548					
8	V\$OCT1_04	3	8996	(+)	NNNNNNNNWATGCAAATNNNWNW	AAATGTTAATTCAACATTAG- CAT	

M0013		0.82036				ATGTTAATTCAACATTAG-
8	V\$OCT1_04	8	8998	(-)	NNNNNNNNWATGCAAATNNNWNW	CATAA
M0013		0.84232				ATTCAACATTAG-
8	V\$OCT1_04	5	9004	(-)	NNNNNNNNWATGCAAATNNNWNW	CATAAAAGTTC
M0013		0.88916				
5	V\$OCT1_01	4	9006	(-)	NNNNWTATGCAAATNTNNN	TCAACATTAGCATAAAAGT
M0013		0.85144				
7	V\$OCT1_03	2	9006	(-)	NNNRTAATNANNN	TCAACATTAGCAT
M0024						
8	V\$OCT1_07	0.89718	9010	(-)	TNTATGNTAATT	CATTAGCATAAA
M0016		0.82148				
2	V\$OCT1_06	4	9019	(-)	CWNAWTKWSATRYN	AAAAGTTCAGTTTT
M0013		0.79443				GTTTTAACTTGGAAG-
8	V\$OCT1_04	7	9028	(+)	NNNNNNNNWATGCAAATNNNWNW	TATCATGA
M0013		0.74055				
5	V\$OCT1_01	7	9030	(+)	NNNNWTATGCAAATNTNNN	TTTAACTTGGAATATCAT
M0016		0.82929				
2	V\$OCT1_06	7	9039	(-)	CWNAWTKWSATRYN	GAAATATCATGAAC
M0013		0.79443				ATGAACATATCAAAA-
8	V\$OCT1_04	7	9047	(+)	NNNNNNNNWATGCAAATNNNWNW	TATGTATA
M0013		0.80531				TGAACATATCAAAA-
8	V\$OCT1_04	2	9048	(-)	NNNNNNNNWATGCAAATNNNWNW	TATGTATAA
M0013		0.75639				
5	V\$OCT1_01	1	9049	(+)	NNNNWTATGCAAATNTNNN	GAACATATCAAAATATGTA
M0016		0.80664				
2	V\$OCT1_06	1	9050	(-)	CWNAWTKWSATRYN	AACATATCAAAATA
M0016		0.95585				
2	V\$OCT1_06	9	9052	(-)	CWNAWTKWSATRYN	CATATCAAAATATG
M0013		0.86240				TATCAAAATATGTATAAAAA-
8	V\$OCT1_04	1	9054	(-)	NNNNNNNNWATGCAAATNNNWNW	TAA
M0013		0.82413				ATCAAAATATGTATAAAAA-
8	V\$OCT1_04	2	9055	(+)	NNNNNNNNWATGCAAATNNNWNW	TAAT
M0013		0.76344				
5	V\$OCT1_01	9	9056	(-)	NNNNWTATGCAAATNTNNN	TCAAAATATGTATAAAAAAT
M0013		0.81483				
6	V\$OCT1_02	5	9057	(+)	NNGAATATKCANNNN	CAAAATATGTATAAA
M0013		0.84378				AAATATGTATAAAAA-
8	V\$OCT1_04	9	9059	(+)	NNNNNNNNWATGCAAATNNNWNW	TAATTTCT
M0013		0.79548				AATATGTATAAAAA-
8	V\$OCT1_04	3	9060	(-)	NNNNNNNNWATGCAAATNNNWNW	TAATTTCTG
M0019		0.83788				
5	V\$OCT1_Q6	2	9063	(+)	NNNNATGCAAATNAN	ATGTATAAAAAATAAT
M0013		0.85499				
7	V\$OCT1_03	8	9064	(+)	NNNRTAATNANNN	TGTATAAAAAATAA
M0016		0.86562				
2	V\$OCT1_06	5	9064	(-)	CWNAWTKWSATRYN	TGTATAAAAAATAAT
M0016		0.83203				
2	V\$OCT1_06	1	9082	(+)	CWNAWTKWSATRYN	GGAATTGTGATTAT
M0013						
6	V\$OCT1_02	0.80536	9085	(-)	NNGAATATKCANNNN	ATTGTGATTATTATT
M0013		0.90478				
7	V\$OCT1_03	1	9086	(-)	NNNRTAATNANNN	TTGTGATTATTAT
M0019		0.80813				
5	V\$OCT1_Q6	3	9088	(-)	NNNNATGCAAATNAN	GTGATTATTATTCT
M0013		0.85420				
7	V\$OCT1_03	8	9089	(-)	NNNRTAATNANNN	TGATTATTATTTC
M0013		0.84077				
7	V\$OCT1_03	4	9097	(-)	NNNRTAATNANNN	ATTTCTTTAAGAA
M0016		0.82148				
2	V\$OCT1_06	4	9106	(-)	CWNAWTKWSATRYN	AGAATCTATTTCCT
M0013		0.82015				ACCAGTCATTTCAA-
8	V\$OCT1_04	9	9121	(-)	NNNNNNNNWATGCAAATNNNWNW	TAAATTAAC
M0013		0.74055				
5	V\$OCT1_01	7	9123	(-)	NNNNWTATGCAAATNTNNN	CAGTCATTTCATAAAATTA
M0024		0.81047				
8	V\$OCT1_07	3	9127	(-)	TNTATGNTAATT	CATTTCATAAA

M0005		0.77686				
9	V\$YY1_01	8	81	(+)	NNNNNCCATNTWNNNWN	GCTACTCATCTTTATTT
M0005		0.78112				
9	V\$YY1_01	7	185	(-)	NNNNNCCATNTWNNNWN	CAGCAAATATGTTAAAA
M0005		0.77490				
9	V\$YY1_01	2	195	(-)	NNNNNCCATNTWNNNWN	GTAAAAAATAGAAGTG
M0005						
9	V\$YY1_01	0.81848	400	(-)	NNNNNCCATNTWNNNWN	TTTATACTATGGGGATT
M0005		0.79783				
9	V\$YY1_01	7	461	(+)	NNNNNCCATNTWNNNWN	AGCTAGCATATTTAGTC
M0005		0.78014				
9	V\$YY1_01	4	759	(-)	NNNNNCCATNTWNNNWN	GTAATGAAATGGCTTAA
M0005		0.77621				
9	V\$YY1_01	2	783	(-)	NNNNNCCATNTWNNNWN	TATATAAAATGCTAGTT
M0005		0.82634				
9	V\$YY1_01	3	827	(-)	NNNNNCCATNTWNNNWN	CTCCCTACATGTAATGA
M0005		0.78702				
9	V\$YY1_01	5	828	(+)	NNNNNCCATNTWNNNWN	TCCCTACATGTAATGAA
M0005		0.78997				
9	V\$YY1_01	4	901	(+)	NNNNNCCATNTWNNNWN	TATAGACATCTTGAATA
M0005						
9	V\$YY1_01	0.80308	980	(-)	NNNNNCCATNTWNNNWN	TTGAAAATCTGGGATTG
M0005		0.80013				
9	V\$YY1_01	1	1006	(-)	NNNNNCCATNTWNNNWN	GTCAGAGATGTTGGTG
M0006						
9	V\$YY1_02	0.7608	1007	(-)	NNNCGGCCATCTGNCTSNW	TCAAGAGATGTTGGTGGCAA
M0005		0.81880				
9	V\$YY1_01	7	1024	(+)	NNNNNCCATNTWNNNWN	CAAGAACATTTTTTTTTT
M0005		0.82470				
9	V\$YY1_01	5	1066	(+)	NNNNNCCATNTWNNNWN	ACAAACCATTTAATACA
M0005		0.77686				
9	V\$YY1_01	8	1219	(-)	NNNNNCCATNTWNNNWN	CATAGTGTATGATCTCT
M0005		0.77719				
9	V\$YY1_01	5	1252	(-)	NNNNNCCATNTWNNNWN	AAGGAGAGATGACATTA
M0005						
9	V\$YY1_01	0.78637	1354	(-)	NNNNNCCATNTWNNNWN	ATGCTAAAATGAAACAG
M0005		0.81553				
9	V\$YY1_01	1	1448	(-)	NNNNNCCATNTWNNNWN	AATAAAGTATGACCTTC
M0005		0.77326				
9	V\$YY1_01	3	1461	(+)	NNNNNCCATNTWNNNWN	CTTCTTCATATACATTG
M0005		0.79718				
9	V\$YY1_01	2	1467	(+)	NNNNNCCATNTWNNNWN	CATATACATTGTTTGAT
M0005		0.79259				
9	V\$YY1_01	5	1564	(-)	NNNNNCCATNTWNNNWN	AGCGATATCTGGCAATA
M0005		0.77752				
9	V\$YY1_01	3	1802	(+)	NNNNNCCATNTWNNNWN	TTTGGCCATATGATAAA
M0005						
9	V\$YY1_01	0.81291	1811	(-)	NNNNNCCATNTWNNNWN	ATGATAAAATGTTTATT
M0006		0.77204				
9	V\$YY1_02	6	1857	(+)	NNNCGGCCATCTGNCTSNW	TTTTTGCCATGAGGTTTGCA
M0005						
9	V\$YY1_01	0.85059	1917	(-)	NNNNNCCATNTWNNNWN	CTGGAAGCATGGAGTCT
M0005		0.77686				
9	V\$YY1_01	8	2024	(+)	NNNNNCCATNTWNNNWN	TTTCCTCATCTTCCCAT
M0005		0.79095				
9	V\$YY1_01	7	2181	(+)	NNNNNCCATNTWNNNWN	CAACATCATAAATGTAT
M0005		0.79161				
9	V\$YY1_01	2	2184	(-)	NNNNNCCATNTWNNNWN	CATCATAAATGTATAAA
M0005		0.84796				
9	V\$YY1_01	9	2236	(+)	NNNNNCCATNTWNNNWN	GAAAGTCATTTATGTTC
M0005		0.79357				
9	V\$YY1_01	8	2246	(+)	NNNNNCCATNTWNNNWN	TATGTTTCATCCACTATC
M0005		0.77752				
9	V\$YY1_01	3	2490	(-)	NNNNNCCATNTWNNNWN	CTTACTGTAGGGTGCTA
M0005		0.77850				
9	V\$YY1_01	6	2575	(+)	NNNNNCCATNTWNNNWN	TATGTTTCATAATTATAA

M0005		0.77162				
9	V\$YY1_01	5	2787	(-)	NNNNNCCATNTWNNNWN	ATTTAATAATGAGTTGA
M0005		0.78309				
9	V\$YY1_01	3	3014	(+)	NNNNNCCATNTWNNNWN	AATGTTTCATTGAGAGGC
M0005		0.80209				
9	V\$YY1_01	7	3077	(-)	NNNNNCCATNTWNNNWN	TTACATTAATGGCAACC
M0005		0.78309				
9	V\$YY1_01	3	3220	(-)	NNNNNCCATNTWNNNWN	AGAAGGAAATGGCAACC
M0005		0.78014				
9	V\$YY1_01	4	3236	(+)	NNNNNCCATNTWNNNWN	CCACTCCAGTGTCTTG
M0006		0.79917				
9	V\$YY1_02	9	3273	(+)	NNNCGGCCATCTGNCTSNW	GGGGAGCCTTGTAGGCTGCT
M0005		0.79062				
9	V\$YY1_01	9	3406	(+)	NNNNNCCATNTWNNNWN	GAAGACCCTGGTTCGAT
M0005		0.77326				
9	V\$YY1_01	3	3456	(+)	NNNNNCCATNTWNNNWN	CCACTCCAGTGTCTTT
M0005		0.88204				
9	V\$YY1_01	5	3569	(-)	NNNNNCCATNTWNNNWN	ATTTCTAAATGGGTTTG
M0005		0.79062				
9	V\$YY1_01	9	3619	(-)	NNNNNCCATNTWNNNWN	TTTCCTTAATGAACTGT
M0005		0.77817				
9	V\$YY1_01	8	3684	(+)	NNNNNCCATNTWNNNWN	CTTTGGCATTATTGAG
M0005		0.78964				
9	V\$YY1_01	6	3742	(-)	NNNNNCCATNTWNNNWN	CTGGAAAGAGGGATGCA
M0005		0.79652				
9	V\$YY1_01	7	3778	(-)	NNNNNCCATNTWNNNWN	ACATGCAAATGGACATA
M0005		0.82044				
9	V\$YY1_01	6	3785	(+)	NNNNNCCATNTWNNNWN	AATGGACATATTTTATT
M0005		0.77162				
9	V\$YY1_01	5	3831	(-)	NNNNNCCATNTWNNNWN	CATTGAGAATGAGCGTA
M0005		0.77785				
9	V\$YY1_01	1	4023	(+)	NNNNNCCATNTWNNNWN	CGACCCCATAGACGGCA
M0005		0.78014				
9	V\$YY1_01	4	4076	(-)	NNNNNCCATNTWNNNWN	CAAGAACACTGGAGTGG
M0005		0.78309				
9	V\$YY1_01	3	4092	(+)	NNNNNCCATNTWNNNWN	GGTTGCCATTTCCTTCT
M0005		0.78342				
9	V\$YY1_01	1	4120	(-)	NNNNNCCATNTWNNNWN	AAGTGAAAAGGGAAAGT
M0005						
9	V\$YY1_01	0.78768	4196	(-)	NNNNNCCATNTWNNNWN	CTCTGTCCATGGGATT
M0005		0.80176				
9	V\$YY1_01	9	4317	(-)	NNNNNCCATNTWNNNWN	AACTAAGAATGATTATT
M0005		0.83060				
9	V\$YY1_01	3	4389	(+)	NNNNNCCATNTWNNNWN	AGACAGCATATTCAAAA
M0006		0.76383				
9	V\$YY1_02	4	4428	(+)	NNNCGGCCATCTGNCTSNW	TAAGGTCCATCTAGTCAAGG
M0005		0.85321				
9	V\$YY1_01	1	4429	(+)	NNNNNCCATNTWNNNWN	AAGGTCCATCTAGTCAA
M0005		0.82929				
9	V\$YY1_01	2	4461	(+)	NNNNNCCATNTWNNNWN	AGTAGTCATGTATGGAT
M0005		0.79619				
9	V\$YY1_01	9	4464	(-)	NNNNNCCATNTWNNNWN	AGTCATGTATGGATGTG
M0005		0.78473				
9	V\$YY1_01	1	4512	(-)	NNNNNCCATNTWNNNWN	AAGAATAGATGCTTTTG
M0006		0.78864				
9	V\$YY1_02	7	4751	(-)	NNNCGGCCATCTGNCTSNW	AGATGGCTGGATGGCATCAC
M0005		0.80111				
9	V\$YY1_01	4	4753	(-)	NNNNNCCATNTWNNNWN	ATGGCTGGATGGCATCA
M0006		0.77882				
9	V\$YY1_02	9	4768	(-)	NNNCGGCCATCTGNCTSNW	CACTGACTCGATGGACGTGA
M0005		0.81880				
9	V\$YY1_01	7	4770	(-)	NNNNNCCATNTWNNNWN	CTGACTCGATGGACGTG
M0005		0.77719				
9	V\$YY1_01	5	4984	(+)	NNNNNCCATNTWNNNWN	AGAGATCATTTGTTTTTC
M0005						
9	V\$YY1_01	0.81979	5006	(-)	NNNNNCCATNTWNNNWN	GAGAAAACAGGGTGATT

M0005		0.77555				
9	V\$YY1_01	7	5071	(-)	NNNNNCCATNTWNNNWN	ATGACCCTATGGACTGT
M0005		0.80340				
9	V\$YY1_01	8	5102	(-)	NNNNNCCATNTWNNNWN	CTCTGTCTATGGGATTT
M0005		0.77162				
9	V\$YY1_01	5	5362	(-)	NNNNNCCATNTWNNNWN	ATAAAATAATGATATCA
M0005		0.86041				
9	V\$YY1_01	9	5387	(+)	NNNNNCCATNTWNNNWN	GCTGTCCATATTAACCT
M0005		0.89842				
9	V\$YY1_01	7	5410	(+)	NNNNNCCATNTWNNNWN	TGTCTTCATTTTCTGAT
M0005		0.79161				
9	V\$YY1_01	2	5433	(-)	NNNNNCCATNTWNNNWN	TGACAAATATGAATTTT
M0005		0.88663				
9	V\$YY1_01	2	5519	(+)	NNNNNCCATNTWNNNWN	AACCTTCATATTTAAAC
M0005		0.83256				
9	V\$YY1_01	9	5533	(+)	NNNNNCCATNTWNNNWN	AACGTACATTTTTAAAA
M0005		0.79259				
9	V\$YY1_01	5	5570	(+)	NNNNNCCATNTWNNNWN	AAACAGCATTTCTTTAT
M0005		0.89580				
9	V\$YY1_01	6	5730	(-)	NNNNNCCATNTWNNNWN	GTCTAAGAATGGTAATA
M0005		0.86795				
9	V\$YY1_01	5	5774	(-)	NNNNNCCATNTWNNNWN	TTGACAAAATGAAAATA
M0005		0.84764				
9	V\$YY1_01	1	5802	(+)	NNNNNCCATNTWNNNWN	GAAACACATTTTTAAAC
M0005		0.83093				
9	V\$YY1_01	1	5869	(+)	NNNNNCCATNTWNNNWN	TATATTCATTTTACTAA
M0005						
9	V\$YY1_01	0.82536	5899	(-)	NNNNNCCATNTWNNNWN	TTTAATAAATGCATATT
M0005		0.81618				
9	V\$YY1_01	6	5904	(+)	NNNNNCCATNTWNNNWN	TAAATGCATATTAGTAG
M0005		0.82765				
9	V\$YY1_01	4	5955	(-)	NNNNNCCATNTWNNNWN	TTCTAATGATGGATATA
M0005		0.77064				
9	V\$YY1_01	2	6006	(+)	NNNNNCCATNTWNNNWN	AATCCTCATTTGATCAT
M0005		0.80471				
9	V\$YY1_01	8	6014	(+)	NNNNNCCATNTWNNNWN	TTTGATCATTTATCAGC
M0005		0.80111				
9	V\$YY1_01	4	6130	(-)	NNNNNCCATNTWNNNWN	ACTATTCAATGGTTTTA
M0005		0.80701				
9	V\$YY1_01	2	6168	(+)	NNNNNCCATNTWNNNWN	TACTCACATTTATGAAT
M0005		0.78047				
9	V\$YY1_01	2	6259	(+)	NNNNNCCATNTWNNNWN	TGTGACCATACCACATA
M0005		0.85779				
9	V\$YY1_01	8	6440	(-)	NNNNNCCATNTWNNNWN	AAGTCAAAATGAATTTA
M0005		0.79259				
9	V\$YY1_01	5	6518	(+)	NNNNNCCATNTWNNNWN	GTTGGCCATTGTTAAGG
M0005		0.79357				
9	V\$YY1_01	8	6551	(+)	NNNNNCCATNTWNNNWN	AAAACACATATTAAGAC
M0005		0.78014				
9	V\$YY1_01	4	6570	(+)	NNNNNCCATNTWNNNWN	AGTTTCATTAAAACAA
M0005		0.83027				
9	V\$YY1_01	5	6639	(-)	NNNNNCCATNTWNNNWN	TTTGTTATATGAAATCA
M0005		0.77883				
9	V\$YY1_01	4	6648	(+)	NNNNNCCATNTWNNNWN	TGAAATCAGTTTGGACT
M0005		0.77916				
9	V\$YY1_01	1	6822	(-)	NNNNNCCATNTWNNNWN	GTCTTCATATGACCCCA
M0006		0.75633				
9	V\$YY1_02	7	6851	(-)	NNNCGGCCATCTTGNCTSNW	ACTAAACCAAATGGAAGATT
M0005		0.79718				
9	V\$YY1_01	2	6936	(-)	NNNNNCCATNTWNNNWN	ACTGGATTATGGACTCA
M0005		0.81880				
9	V\$YY1_01	7	6970	(-)	NNNNNCCATNTWNNNWN	TTTCCAGGATGAACTCC
M0005		0.78178				
9	V\$YY1_01	2	6980	(+)	NNNNNCCATNTWNNNWN	GAACTCCAGGATAAAAT
M0005		0.80733				
9	V\$YY1_01	9	7119	(-)	NNNNNCCATNTWNNNWN	CTGAAATAATGGGAGTC

M0006		0.77026				
9	V\$YY1_02	1	7305	(+)	NNNCGGCCATCTTGNCTSNW	CTCCAACCGTCATGTTTCCT
M0006		0.79810				
9	V\$YY1_02	8	7308	(+)	NNNCGGCCATCTTGNCTSNW	CAACCGTCATGTTTCCTCCT
M0005		0.82634				
9	V\$YY1_01	3	7309	(+)	NNNNNCCATNTWNNNWN	AACCGTCATGTTTCCTC
M0005		0.78374				
9	V\$YY1_01	8	7336	(+)	NNNNNCCATNTWNNNWN	GCTGTCCCTTCTCAGC
M0005		0.77195				
9	V\$YY1_01	3	7396	(+)	NNNNNCCATNTWNNNWN	TATGCCCATCCAGGCCT
M0005						
9	V\$YY1_01	0.81848	7552	(-)	NNNNNCCATNTWNNNWN	AATAATGAATGGTTCCA
M0005		0.81651				
9	V\$YY1_01	4	7646	(+)	NNNNNCCATNTWNNNWN	CACCACCAGATCTCAAT
M0005		0.77195				
9	V\$YY1_01	3	7733	(+)	NNNNNCCATNTWNNNWN	TAATATCATGGACTATG
M0005		0.79390				
9	V\$YY1_01	6	7768	(-)	NNNNNCCATNTWNNNWN	GAACTTAGATGAAGGGG
M0005		0.79947				
9	V\$YY1_01	6	7797	(+)	NNNNNCCATNTWNNNWN	TAAAGCCAGAATTGAAC
M0005		0.84436				
9	V\$YY1_01	4	7930	(-)	NNNNNCCATNTWNNNWN	TTTGATATATGAGCATA
M0005		0.85747				
9	V\$YY1_01	1	8126	(+)	NNNNNCCATNTWNNNWN	ACTGATCATTTTTATAG
M0005		0.77064				
9	V\$YY1_01	2	8231	(+)	NNNNNCCATNTWNNNWN	TATTTTCAGTGATTGAC
M0005						
9	V\$YY1_01	0.79751	8293	(-)	NNNNNCCATNTWNNNWN	ATGCAAACTGTATATA
M0005		0.91644				
9	V\$YY1_01	8	8303	(-)	NNNNNCCATNTWNNNWN	GTATATATATGGTGTTG
M0005		0.86271				
9	V\$YY1_01	3	8368	(+)	NNNNNCCATNTWNNNWN	TGTAATCATTTATAGAA
M0005		0.79849				
9	V\$YY1_01	3	8548	(+)	NNNNNCCATNTWNNNWN	ACAGTCCAGATATGGGA
M0005		0.83813				
9	V\$YY1_01	9	8551	(-)	NNNNNCCATNTWNNNWN	GTCCAGATATGGGACTT
M0005		0.79259				
9	V\$YY1_01	5	8563	(-)	NNNNNCCATNTWNNNWN	GACTTAAAGGGGAATA
M0005		0.78604				
9	V\$YY1_01	2	8575	(+)	NNNNNCCATNTWNNNWN	GAATAGCATATAGTTTT
M0005		0.82699				
9	V\$YY1_01	9	8708	(-)	NNNNNCCATNTWNNNWN	GGCACAGCATGGTGTTT
M0005		0.78833				
9	V\$YY1_01	6	8756	(-)	NNNNNCCATNTWNNNWN	CACCAAAATTGGAAATG
M0005		0.84469				
9	V\$YY1_01	2	8762	(-)	NNNNNCCATNTWNNNWN	AATTGGAAATGGGGTGA
M0005		0.77686				
9	V\$YY1_01	8	8804	(+)	NNNNNCCATNTWNNNWN	AATGTACATTTGTCTC
M0005		0.88597				
9	V\$YY1_01	6	8843	(-)	NNNNNCCATNTWNNNWN	CTGGAAATATGGCAACT
M0005		0.82667				
9	V\$YY1_01	1	8890	(-)	NNNNNCCATNTWNNNWN	ATTTTTAAATGAGTATA
M0006		0.75544				
9	V\$YY1_02	4	8898	(-)	NNNCGGCCATCTTGNCTSNW	ATGAGTATACATGGAACAAA
M0005		0.80275				
9	V\$YY1_01	2	8900	(-)	NNNNNCCATNTWNNNWN	GAGTATACATGGAACAA
M0005		0.83912				
9	V\$YY1_01	2	8912	(-)	NNNNNCCATNTWNNNWN	AACAAAAAATGAAACTT
M0005		0.79030				
9	V\$YY1_01	1	8978	(+)	NNNNNCCATNTWNNNWN	ATAAACCATATACTTTC
M0005		0.84829				
9	V\$YY1_01	6	8990	(-)	NNNNNCCATNTWNNNWN	CTTTCAAAATGTTAATT
M0005		0.78276				
9	V\$YY1_01	5	9020	(+)	NNNNNCCATNTWNNNWN	AAAGTTCAGTTTTAACT
M0005		0.79226				
9	V\$YY1_01	7	9046	(+)	NNNNNCCATNTWNNNWN	CATGAACATATCAAAAT

M0005						
9	V\$YY1_01	0.79325	9055	(-)	NNNNNCCATNTWNNNWN	ATCAAAATATGTATAAA
CSN3 <i>Ovis Aries</i>						
		0.84895				
M00216	V\$TATA_C	7	71	(+)	NCTATAAAAR	ACATTAAAAAC
M00252	V\$TATA_01	0.77493	71	(+)	STATAAAWRNNNNNN	ACATTAAAAATTCT
		0.77422				
M00216	V\$TATA_C	8	138	(+)	NCTATAAAAR	ATTTTAGAAG
		0.80221				
M00216	V\$TATA_C	8	216	(+)	NCTATAAAAR	TCTATCTAAA
		0.79297				
M00216	V\$TATA_C	6	234	(+)	NCTATAAAAR	TCTGTATAAT
		0.74069				
M00216	V\$TATA_C	2	326	(+)	NCTATAAAAR	TTCTTTAAAA
		0.96303				
M00216	V\$TATA_C	1	327	(+)	NCTATAAAAR	TCTTTAAAAA
		0.76762				
M00216	V\$TATA_C	6	328	(+)	NCTATAAAAR	CTTTAAAAAA
		0.85054				
M00252	V\$TATA_01	6	328	(+)	STATAAAWRNNNNNN	CTTTAAAAAAAAAAAA
		0.79376				
M00216	V\$TATA_C	8	329	(+)	NCTATAAAAR	TTTAAAAAAA
		0.77975				
M00252	V\$TATA_01	1	375	(+)	STATAAAWRNNNNNN	AGACAAATGTGGAGG
		0.77315				
M00252	V\$TATA_01	4	395	(+)	STATAAAWRNNNNNN	CTTTTAGGAAGATG
		0.78368				
M00127	V\$GATA1_03	4	43	(+)	RNSNNGATAANNGN	GAGCTGACAGTCAC
		0.77640				
M00075	V\$GATA1_01	7	45	(+)	SNNGATNNNN	GCTGACAGTC
		0.81014				
M00127	V\$GATA1_03	2	59	(+)	RNSNNGATAANNGN	GGAAAGGTAATCAC
		0.81194				
M00075	V\$GATA1_01	5	64	(-)	SNNGATNNNN	GGTAATCACA
		0.82724				
M00076	V\$GATA2_01	4	64	(-)	NNNGATRNNN	GGTAATCACA
		0.78331				
M00075	V\$GATA1_01	7	108	(+)	SNNGATNNNN	GCAGTTTGTG
		0.81161				
M00127	V\$GATA1_03	2	148	(-)	RNSNNGATAANNGN	AACATTTTCTCCT
		0.79170				
M00075	V\$GATA1_01	8	184	(-)	SNNGATNNNN	GAATATCCTT
		0.87280				
M00076	V\$GATA2_01	1	184	(-)	NNNGATRNNN	GAATATCCTT
		0.83038				
M00203	V\$GATA_C	2	188	(-)	NGATAAGNMNN	ATCCTTTGTCA
		0.81234				
M00127	V\$GATA1_03	7	189	(-)	RNSNNGATAANNGN	TCCTTTGTCATCAT
		0.79103				
M00127	V\$GATA1_03	4	192	(-)	RNSNNGATAANNGN	TTTGTCATCATTAT
		0.77788				
M00075	V\$GATA1_01	7	194	(-)	SNNGATNNNN	TGTCATCATT
		0.79657				
M00076	V\$GATA2_01	2	194	(-)	NNNGATRNNN	TGTCATCATT
		0.80312				
M00126	V\$GATA1_02	5	201	(+)	NNNNNGATANKGNN	ATTATGATATTAGT
M00128	V\$GATA1_04	0.83701	202	(+)	NNCWGATARNNNN	TTATGATATTAGT
		0.80454				
M00075	V\$GATA1_01	1	203	(+)	SNNGATNNNN	TATGATATTA
		0.85340				
M00076	V\$GATA2_01	6	203	(+)	NNNGATRNNN	TATGATATTA
		0.84315				
M00077	V\$GATA3_01	5	204	(+)	NNGATARNG	ATGATATTA

M00203	V\$GATA_C	0.91923 0.81687	212	(-)	NGATAAGNMNN	AGTTTCTATCT
M00126	V\$GATA1_02	5 0.87193	213	(-)	NNNNNGATANKGNN	GTTTCTATCTAAAC
M00128	V\$GATA1_04	6 0.88258	213	(-)	NNCWGATARNNNN	GTTTCTATCTAAA
M00077	V\$GATA3_01	8 0.79220	215	(-)	NNGATARNG	TTCTATCTA
M00075	V\$GATA1_01	1 0.82454	228	(+)	SNNGATNNNN	TTAGATTCTG
M00077	V\$GATA3_01	6 0.78515	229	(+)	NNGATARNG	TAGATTCTG
M00127	V\$GATA1_03	4 0.83316	259	(-)	RNSNNGATAANNNGN	ATTTTAACTTCAC
M00075	V\$GATA1_01	9 0.81551	286	(+)	SNNGATNNNN	CAAGATTTGA
M00076	V\$GATA2_01	6 0.85378	286	(+)	NNNGATRNNN	CAAGATTTGA
M00077	V\$GATA3_01	8 0.82062	287	(+)	NNGATARNG	AAGATTTGA
M00126	V\$GATA1_02	5 0.82527	289	(+)	NNNNNGATANKGNN	GATTTGATACTTGC
M00075	V\$GATA1_01	1	291	(+)	SNNGATNNNN	TTTGATACTT
M00076	V\$GATA2_01	0.81281 0.77156	291	(+)	NNNGATRNNN	TTTGATACTT
M00126	V\$GATA1_02	3 0.83711	310	(+)	NNNNNGATANKGNN	TTGAAGAAAATGTA
M00075	V\$GATA1_01	7 0.81235	321	(+)	SNNGATNNNN	GTAGATTCTT
M00076	V\$GATA2_01	9 0.79341	343	(-)	NNNGATRNNN	AAGTATGTTC
M00076	V\$GATA2_01	5 0.83194	352	(+)	NNNGATRNNN	CAAGACAGTG
M00127	V\$GATA1_03	5	401	(+)	RNSNNGATAANNNGN	AGGAAGATGAAAGT
M00075	V\$GATA1_01	0.78233	403	(+)	SNNGATNNNN	GAAGATGAAA
M00076	V\$GATA2_01	0.79567 0.82498	403	(+)	NNNGATRNNN	GAAGATGAAA
M00077	V\$GATA3_01	9 0.80531	404	(+)	NNGATARNG	AAGATGAAA
M00126	V\$GATA1_02	3 0.84254	414	(+)	NNNNNGATANKGNN	TACAGGATAATCCA
M00075	V\$GATA1_01	7 0.89941	416	(+)	SNNGATNNNN	CAGGATAATC
M00076	V\$GATA2_01	4 0.82144	416	(+)	NNNGATRNNN	CAGGATAATC
M00077	V\$GATA3_01	4 0.84529	417	(+)	NNGATARNG	AGGATAATC
M00203	V\$GATA_C	4 0.78282	418	(+)	NGATAAGNMNN	GGATAATCCAG
M00075	V\$GATA1_01	3 0.88450	419	(-)	SNNGATNNNN	GATAATCCAG
M00075	V\$GATA1_01	1 0.84348	425	(+)	SNNGATNNNN	CCAGATTGAT
M00076	V\$GATA2_01	2 0.83562	425	(+)	NNNGATRNNN	CCAGATTGAT
M00077	V\$GATA3_01	3 0.79581	426	(+)	NNGATARNG	CAGATTGAT
M00223	V\$STAT_01	5 0.82556	82	(-)	TTCCCRKAA	TTCTAAGAG
M00223	V\$STAT_01	1 0.88858	102	(+)	TTCCCRKAA	TTCACGGCA
M00223	V\$STAT_01	1	141	(-)	TTCCCRKAA	TTAGAAGAA

M00223	V\$STAT_01	0.85354 2	397	(-)	TTCCCRKAA	TTTTAGGAA
M00137	V\$OCT1_03	0.90991 7	62	(+)	NNNRTAATNANNN	AAGGTAATCACAT
M00137	V\$OCT1_03	0.84749 1	68	(-)	NNNRTAATNANNN	ATCACATTAAC
M00162	V\$OCT1_06	0.84218 7	70	(-)	CWNAWTKWSATRYN	CACATTAACATT
M00136	V\$OCT1_02	0.80157 0.77693	85	(-)	NNGAATATKCANNNN	TAAGAGAATAATTCT
M00136	V\$OCT1_02	0.79923 6	112	(-)	NNGAATATKCANNNN	TTTGTGCTTATTACA
M00248	V\$OCT1_07	0.89095 7	112	(+)	TNTATGNTAATT	TTTGTGCTTATT
M00137	V\$OCT1_03	0.92176 2	116	(-)	NNNRTAATNANNN	TGCTTATTACACC
M00136	V\$OCT1_02	0.80427 5	179	(-)	NNGAATATKCANNNN	AGCTTGAATATCCTT
M00136	V\$OCT1_02	0.80427 7	182	(+)	NNGAATATKCANNNN	TTGAATATCCTTTGT
M00137	V\$OCT1_03	0.95891 0.87580	196	(-)	NNNRTAATNANNN	TCATCATTATGAT
M00161	V\$OCT1_05	0.84492 9	198	(+)	MKNATTTGCATAYY	ATCATTATGATATT
M00162	V\$OCT1_06	0.91914 2	198	(+)	CWNAWTKWSATRYN	ATCATTATGATATT
M00162	V\$OCT1_06	0.88164 1	223	(+)	CWNAWTKWSATRYN	AAACATTAGATTCT
M00162	V\$OCT1_06	0.88779 1	224	(-)	CWNAWTKWSATRYN	AACATTAGATTCTG
M00137	V\$OCT1_03	0.80429 1	236	(+)	NNNRTAATNANNN	TGTATAATGTTAT
M00162	V\$OCT1_06	0.89414 7	252	(+)	CWNAWTKWSATRYN	CAAATTTATTTTAA
M00162	V\$OCT1_06	0.83145 1	286	(+)	CWNAWTKWSATRYN	CAAGATTTGATACT
M00138	V\$OCT1_04	0.79805 1	311	(+)	NNNNNNNWATGCAAATNNNW	TGAAGAAAATGTAGAT-TCTTTAA
M00136	V\$OCT1_02	0.81768 1	313	(+)	NNGAATATKCANNNN	AAGAAAATGTAGATT
M00195	V\$OCT1_Q6	0.84726 6	315	(+)	NNNNATGCAAATNAN	GAAAATGTAGATTCT
M00162	V\$OCT1_06	0.83437 6	316	(+)	CWNAWTKWSATRYN	AAAATGTAGATTCT
M00162	V\$OCT1_06	0.79308 5	316	(-)	CWNAWTKWSATRYN	AAAATGTAGATTCT
M00248	V\$OCT1_07	0.79464 9	316	(+)	TNTATGNTAATT	AAAATGTAGATT
M00138	V\$OCT1_04	0.85144 7	320	(+)	NNNNNNNWATGCAAATNNNW	TGTAGAT-TCTTTAAAAAAAAAAAA
M00137	V\$OCT1_03	0.80078 2	393	(-)	NNNRTAATNANNN	AACTTTTTAGGAA
M00162	V\$OCT1_06	0.80340 1	419	(-)	CWNAWTKWSATRYN	GATAATCCAGATTG
M00059	V\$YY1_01	0.79226 8	144	(+)	NNNNNCCATNTWNNNNWN	GAAGAACATTTTCTTCC
M00059	V\$YY1_01	0.77097 7	194	(+)	NNNNNCCATNTWNNNNWN	TGTCATCATTATGATAT
M00059	V\$YY1_01	0.79161 311	(-)	NNNNNCCATNTWNNNNWN	TGAAGAAAATGTAGATT	
M00059	V\$YY1_01	0.79161 2	399	(-)	NNNNNCCATNTWNNNNWN	TTAGGAAGATGAAAGTA