Human UniGene 1 Results

Experiment Results Generated by GEMTools 2.5
Client: Genome_Systems
Export Date: Oct 12, 2001

GEM	022JC38J
Balance Coefficient	1.19
Minimum S/B	2.5
Minimum Area	40%
Probe 1	123YA1BU
P1 Description	d17/5
Probe 2	1235A1BV
P2 Description	wt

Report sorted by **Balanced Diff Expr** in **Ascending** order
Ranks from **1** to **100**

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Legend

Rank	Location	Diff Expr	Balanced Diff Expr	P1 Signal	P1 S/B	P1 Area %	P2 Balanced Signal	P2 Signal	P2 S/B	P2 Area %	Plate Row	Plate Col	Plate ID	Gene Name	PCR Status	Gen Bank Id	Clone Id (Sequence)	Vector
1	2525	-12.7	**-15.1**	199	2.6	57	3011	2530	41.2	57	A	9	021MAKNL	Control: Ratio 1:25 (Cy3:Cy5)				
2	10175	-12.4	**-14.7**	222	2.9	55	3264	2743	45.2	55	B	10	021MAKNL	Control: Ratio 1:25 (Cy3:Cy5)				
3	7625	-11.9	**-14.2**	299	3.6	58	4242	3565	62.5	58	B	9	021MAKNL	Control: Ratio 1:25 (Cy3:Cy5)				
4	8052	-11.7	**-14.0**	130	1.9	63†	1816	1526	17.4	63	F	12	021HAGL1	regulator of G-protein signalling 1	Passed	S59049 Entrez UniGene	3120390	pINCY

5	5075	-11.7	**-13.9**	172	2.4	51†	2395	2013	29.8	51	A	10	021MAKNL	Control: Ratio 1:25 (Cy3:Cy5)				
6	8433	-11.3	**-13.5**	188	2.5	94	2534	2129	28.3	94	F	6	021YAGLH	small inducible cytokine A1 (I-309, homologous to mouse Tca-3)	Passed	NM_002981 Entrez UniGene	8990	pBlue
7	10173	-10.9	**-13.0**	396	4.4	58	5138	4318	68.5	58	B	6	021MAKNL	Control: Ratio 1:10 (Cy3:Cy5)				
8	2523	-10.7	**-12.7**	344	3.5	87	4383	3683	54.4	87	A	5	021MAKNL	Control: Ratio 1:10 (Cy3:Cy5)				
9	7655	-8.9	**-10.6**	139	2.0	57†	1478	1242	17.1	57	B	10	0216AKON	Internal_Control_I				
10	7623	-8.6	**-10.3**	271	3.2	58	2786	2341	35.9	58	B	5	021MAKNL	Control: Ratio 1:10 (Cy3:Cy5)				
11	5	-7.7	**-9.2**	165	1.9	68†	1517	1275	16.9	68	A	9	0216AKON	Internal_Control_I				
12	5368	-7.6	**-9.1**	307	3.4	66	2794	2348	30.4	66	B	7	021PAGKW	BCL2-like 1	Passed	BE780536 Entrez UniGene	1855683	pINCY
13	5731	-7.5	**-8.9**	788	8.2	68	7038	5914	1012	68	D	1	021SAGLB	proteoglycan 1, secretory granule	Passed	NM_002727 Entrez UniGene	8995	pBlue
14	5105	-7.3	**-8.7**	189	2.2	53†	1651	1387	18.1	53	B	9	0216AKON	Internal_Control_I				
15	5073	-5.7	**-6.8**	182	2.5	75	1236	1039	17.0	75	A	6	021MAKNL	Control: Ratio 1:10 (Cy3:Cy5)				
16	5103	-5.5	**-6.6**	288	2.8	55	1902	1598	22.0	55	B	5	0216AKON	Internal_Control_G				

17	7653	-5.0	**-6.0**	267	2.8	44	1596	1341	18.0	44	B	6	0216AKON	Internal_Control_G				
18	4242	-4.9	**-5.9**	519	4.5	100	3045	2559	31.5	100	C	12	021IAGMJ	Epstein-Barr virus induced gene 3	Passed	BG622039 8 Entrez UniGene	3745468	pINCY
19	3717	-4.9	**-5.8**	164	2.3	1000†	957	804	12.0	100	E	6	0212AGLX	baculoviral IAP repeat-containing 3	Passed	AI581499 Entrez UniGene	1603857	pINCY
20	1502	-4.8	**-5.7**	547	4.5	100	3099	2604	32.4	100	E	3	021YAGMB	dual specificity phosphatase 2	Passed	BC007771 Entrez UniGene	518826	pSport1
21	2555	-4.4	**-5.3**	144	1.8	488†	760	639	8.8	48	A	10	0216AKON	Internal_Control_I				
22	8205	-4.5	**-5.3**	97	1.7	688†	515	433	6.3	68	B	6	021UAGL8	caveolin 1, caveolae protein, 22kD	Passed	BG541572 Entrez UniGene	4271973	pINCY
23	8201	-4.3	**-5.1**	39	1.3	40†	200	168	3.0	40	H	10	021NAGL7	deleted in azoospermia-like	Passed	NM_001351 Entrez UniGene	4919920	pINCY
24	4636	-3.9	**-4.7**	604	6.5	61	2836	2383	38.8	61	G	8	021MAGMZ	singed (Drosophila)-like (sea urchin fascin homolog like)	Passed	BG774457 Entrez UniGene	1656271	pINCY

25	3	-3.6	**-4.3**	233	2.2	62†	995	836	11.2	62	A	5	0216AKON	Internal_Control_G				
26	4420	-3.6	**-4.3**	130	2.0	81†	553	465	7.3	81	G	8	021VAGMQ	tumor necrosis factor (ligand) superfamily, member 4 (tax-transcriptionally activated glycoprotein 1, 34kD)	Multiple Bands	BE349175 Entrez UniGene	1512102	pINCY
27	4457	-3.3	**-4.0**	174	2.4	74†	688	578	9.4	74	C	10	0219AGMS	signal transducer and activator of transcription 5A	Passed	AI582321 Entrez UniGene	606641	pSport1
28	4998	-3.2	**-3.8**	177	2.5	88	664	558	10.3	88	G	12	021PAGNE	early growth response 2 (Krox-20 (Drosophila) homolog)	Passed	BG743293 Entrez UniGene	3603037	pINCY
29	538	-3.1	**-3.7**	712	5.7	58	2600	2185	24.8	58	C	7	021NAGL7	glycoprotein, synaptic 2	Passed	BG282184 Entrez UniGene	3721920	pINCY
30	1476	-3.0	**-3.6**	1147	10.8	100	4125	3466	56.0	100	C	11	021RAGMA	baculoviral IAP repeat-containing 3	Passed	U37546 Entrez UniGene	1513214	pINCY
31	1539	-2.8	**-3.3**	116	1.7	63†	382	321	4.5	63	A	5	021CAGMD	aminolevulinate, delta-, synthase 1	Passed	BF969214 Entrez UniGene	943569	pSport1

32	10171	-2.8	**-3.3**	149	2.3	81†	494	415	7.2	81	B	2	021MAKNL	Control: Ratio 1:3 (Cy3:Cy5)				
33	7621	-2.8	**-3.3**	161	2.3	78†	533	448	7.9	78	B	1	021MAKNL	Control: Ratio 1:3 (Cy3:Cy5)				
34	2553	-2.8	**-3.3**	321	2.9	44	1066	896	12.5	44	A	6	0216AKON	Internal_Control_G				
35	8990	-2.8	**-3.3**	102	1.9	96†	334	281	5.6	96	H	4	0218AGM4	potassium voltage-gated channel, KQT-like subfamily, member 2	Passed	AF110020 Entrez UniGene	617878	pSport1
36	187	-2.6	**-3.2**	693	6.2	65	2184	1835	32.6	65	G	1	021XAGKS	DnaJ (Hsp40) homolog, subfamily A, member 1	Passed	NM_001539 Entrez UniGene	1926883	pSport1
37	8846	-2.7	**-3.2**	291	3.4	65	922	775	12.4	65	H	4	0219AGLY	ninjurin 1	Passed	BG530047 Entrez UniGene	2927362	pINCY
38	5071	-2.5	**-3.0**	163	2.3	73†	486	408	6.7	73	A	2	021MAKNL	Control: Ratio 1:3 (Cy3:Cy5)				
39	5101	-2.4	**-2.9**	389	3.0	49	1122	943	12.1	49	B	1	0216AKON	Internal_Control_E				
40	1653	-2.4	**-2.9**	218	2.4	96†	634	533	8.6	96	G	5	0214AGMH	BCL2-related protein A1	Passed	BF677029 Entrez UniGene	2555673	pINCY

41	5205	-2.4	**-2.8**	3504	28.4	51	9981	8387	111.4	51	D	5	021CAGKP	colony stimulating factor 2 (granulocyte-macrophage)	Passed	BE669962 Entrez UniGene	3297733	pINCY
42	7982	-2.4	**-2.8**	394	4.2	67	1103	927	15.5	67	H	4	0213AGKY	regulator of G-protein signalling 1	Passed	S59049 Entrez UniGene	1728022	pINCY
43	8229	-2.3	**-2.8**	129	2.2	87†	361	303	5.6	87	B	6	0211AGL9	syndecan 4 (amphiglycan, ryudocan)	Passed	AI582184 Entrez UniGene	5183574	pINCY
44	2521	-2.3	**-2.8**	188	2.3	74†	518	435	6.5	74	A	1	021MAKNL	Control: Ratio 1:3 (Cy3:Cy5)				
45	5156	-2.3	**-2.8**	344	3.5	68	957	804	10.8	68	D	3	021YAGKN	BTG family, member 2	No Amplification	NM_006763 Entrez UniGene	1598617	pINCY
46	7651	-2.4	**-2.8**	272	2.7	55	769	646	8.8	55	B	2	0216AKON	Internal_Control_E				
47	9527	-2.4	**-2.8**	335	4.0	91	950	798	14.3	91	B	10	0212AGMR	tumor necrosis factor receptor superfamily, member 6	Passed	AL542093 Entrez UniGene	2205246	pINCY
48	2551	-2.3	**-2.8**	339	2.8	55	941	791	10.5	55	A	2	0216AKON	Internal_Control_E				
49	6903	-2.4	**-2.8**	1476	12.4	91	4139	3478	42.4	91	B	5	021HAGMO	thioredoxin	Passed	AV763087 Entrez UniGene	2606240	pINCY

50	7333	-2.4	**-2.8**	719	6.8	100	2016	1694	26.3	100	B	1	021SAGN6	suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin)	Passed	AL548113 Entrez UniGene	478960	pSport1
51	2156	-2.3	**-2.8**	508	4.4	100	1398	1175	16.7	100	G	3	0210AGN2	baculoviral IAP repeat-containing 2	Passed	U37547 Entrez UniGene	1810777	pINCY
52	33	-2.3	**-2.7**	553	4.4	70	1517	1275	17.1	70	C	5	021RAGKM	neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2)	Passed	NM_000433 Entrez UniGene	1556718	pINCY
53	9342	-2.2	**-2.6**	728	7.3	67	1885	1584	26.1	67	D	12	021IAGMJ	peptidyl prolyl isomerase H (cyclophilin H)	Passed	BF794821 Entrez UniGene	3667096	pINCY
54	5140	-2.2	**-2.6**	456	3.8	62	1196	1005	13.0	62	F	7	021RAGKM	ring finger protein 1	Passed	AL576514 Entrez UniGene	1879727	pINCY
55	1581	-2.2	**-2.6**	835	6.8	75	2198	1847	26.3	75	G	5	021JAGME	coactivator-associated arginine methyltransferase-1	Passed	BG830500 Entrez UniGene	2807446	pINCY
56	3525	-2.2	**-2.6**	400	4.1	100	1029	865	12.7	100	E	6	021IAGLP	HtrA-like serine protease	Passed	AL577683 Entrez UniGene	1718257	pINCY

57	9661	-2.1	**-2.6**	356	3.8	89	908	763	11.6	89	H	2	0211AGMW	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	Passed	L26165 Entrez UniGene	1804548	pINCY
58	8307	-2.1	**-2.5**	244	2.9	68	599	503	8.2	68	D	6	021ZAGLC	squalene epoxidase	No Amplification	AF098865 Entrez UniGene	859645	pSport1
59	2275	-2.1	**-2.5**	91	1.5	71†	223	187	2.8	71	G	1	021ZAGN7	JAK binding protein	Passed	BE514365 Entrez UniGene	445246	pBlue
60	2138	-2.1	**-2.5**	299	3.4	73	759	638	10.7	73	A	3	0210AGN2	mevalonate (diphospho) decarboxylase	Passed	BG324529 Entrez UniGene	1711364	pINCY
61	67	-2.1	**-2.5**	3360	25.9	60	8491	7135	114.3	60	G	1	021YAGKN	lymphocyte cytosolic protein 1 (L-plastin)	Passed	BC007673 Entrez UniGene	1363074	pINCY
62	9470	-2.1	**-2.5**	407	4.5	100	1015	853	14.8	100	H	4	021HAGMO	tyrosine kinase 2	Passed	NM_003331 Entrez UniGene	1831805	pINCY
63	3611	-2.1	**-2.5**	616	6.5	66	1533	1288	20.2	66	A	10	021AAGLT	G-rich RNA sequence binding factor 1	Passed	BF034561 Entrez UniGene	1931925	pINCY

64	3735	-2.1	**-2.5**	789	7.8	100	1974	1659	26.5	100	C	6	0219AGLY	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	Passed	M24283 Entrez UniGene	1556061	pINCY
65	7320	-2.1	**-2.5**	162	2.2	91†	407	342	5.5	91	D	11	021LAGN5	GTP-binding protein overexpressed in skeletal muscle	Passed	AW297828 Entrez UniGene	450618	pBlue
66	3294	-2.0	**-2.4**	585	5.8	100	1422	1195	18.1	100	G	12	021KAGLF	protein geranylgeranyltransferase type I, beta subunit	Passed	AA481712 Entrez UniGene	815861	pSport1
67	4916	-2.0	**-2.4**	797	8.2	65	1879	1579	27.3	65	E	4	0214AGNB	translocase of inner mitochondrial membrane 17 (yeast) homolog A	Passed	BG506029 Entrez UniGene	2458933	pINCY
68	6204	-2.0	**-2.4**	573	5.2	100	1348	1133	16.3	100	H	11	021HAGLU	small inducible cytokine subfamily A (Cys-Cys), member 20	Passed	NM_004591 Entrez UniGene	2220923	pINCY
69	9619	-2.0	**-2.4**	274	3.4	86	662	556	9.3	86	B	2	021UAGMV	tryptophanyl-tRNA synthetase	Passed	BF795451 Entrez UniGene	1846209	pSport1
70	2295	-2.0	**-2.4**	193	2.7	82	468	393	7.4	82	E	5	0216AGN8	prostaglandin E receptor 4 (subtype EP4)	Passed	NM_000958 Entrez UniGene	1631793	pINCY

71	6097	-2.0	**-2.4**	140	2.0	65†	330	277	4.5	65	F	1	021PAGLQ	hypothetical protein, clone 2746033	Passed	BE745844 Entrez UniGene	1923769	pSportI
72	9828	-2.0	**-2.4**	97	1.9	91†	234	197	4.3	91	F	12	0217AGN3	vesicle-associated membrane protein 5 (myobrevin)	Passed	AF151025 Entrez UniGene	122826	pBlue
73	2595	-1.9	**-2.3**	576	4.5	65	1308	1099	14.4	65	G	6	021RAGKM	integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)	Passed	BC005861 Entrez UniGene	1871113	pINCY
74	10091	-1.9	**-2.3**	262	2.9	65	590	496	7.7	65	F	10	021PAGNE	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR	Passed	NM_012081 Entrez UniGene	1281473	pINCY
75	5187	-1.9	**-2.3**	645	4.9	60	1454	1222	13.3	60	F	5	0215AGKO	flap structure-specific endonuclease 1	Passed	AU142907 Entrez UniGene	2050085	pINCY
76	2150	-1.9	**-2.3**	971	8.1	61	2212	1859	25.8	61	E	3	0210AGN2	heat shock 70kD protein 5 (glucose-regulated protein, 78kD)	Passed	AI878886 Entrez UniGene	2884613	pINCY

77	4561	-2.0	**-2.3**	227	3.0	75	532	447	8.5	75	G	2	0211AGMW	chitobiase, di-N-acetyl-	Passed	AA688097 Entrez UniGene	2879077	pINCY
78	1420	-1.9	**-2.2**	449	4.0	100	1007	846	11.6	100	A	7	0210AGM8	SH3-domain binding protein 5 (BTK-associated)	Passed	BG030766 Entrez UniGene	2170638	pINCY
79	7696	-1.9	**-2.2**	213	2.4	68†	474	398	6.4	68	H	8	021RAGKM	phorbol-12-myristate-13-acetate-induced protein 1	Passed	BG776688 Entrez UniGene	1931117	pINCY
80	2654	-1.9	**-2.2**	729	6.2	75	1627	1367	20.8	75	C	4	021CAGKP	vacuolar protein sorting 41 (yeast homolog)	No Amplification	NM_014396 Entrez UniGene	2910949	pINCY
81	2975	-1.8	**-2.1**	114	1.9	93†	244	205	3.8	93	E	10	021OAGL2	syndecan 4 (amphiglycan, ryudocan)	No Amplification	NM_002999 Entrez UniGene	3214670	pINCY
82	1990	-1.7	**-2.1**	115	1.9	91†	239	201	3.8	91	G	7	021UAGMV	protein kinase C, delta	No Amplification	L07861 Entrez UniGene	613603	pSport1

83	4934	-1.7	**-2.1**	138	2.1	66†	284	239	4.1	66	C	4	021BAGNC	cyclin-dependent kinase 7 (homolog of Xenopus MO15 cdk-activating kinase)	Passed	BE887969 Entrez UniGene	1558108	pINCY
84	687	-1.7	**-2.1**	249	2.6	75	515	433	6.6	75	E	5	0216AGLD	UDP-N-acteylglucosamine pyrophosphorylase 1	Passed	AL520091 Entrez UniGene	1997038	pSport1
85	5039	-1.8	**-2.1**	251	3.1	73	525	441	7.4	73	E	10	0213AGNG	reticulocalbin 1, EF-hand calcium binding domain	Passed	NM_002901 Entrez UniGene	2057296	pSport1
86	182	-1.8	**-2.1**	478	4.4	65	1022	859	13.6	65	E	3	021XAGKS	v-jun avian sarcoma virus 17 oncogene homolog	Passed	AI078377 Entrez UniGene	1969563	pSport1
87	9135	-1.7	**-2.1**	983	9.5	100	2022	1699	26.7	100	H	6	021RAGMA	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	Passed	BE812315 Entrez UniGene	1445767	pINCY
88	3217	-1.8	**-2.1**	1599	13.2	100	3401	2858	38.6	100	G	2	021ZAGLC	synaptogyrin 2	Passed	AL545227 Entrez UniGene	983008	pSport1

89	10027	-1.7	**-2.1**	3229	26.8	77	6660	5597	81.0	77	B	2	021BAGNC	vimentin	Passed	AL572054 Entrez UniGene	1522716	pINCY
90	7030	-1.7	**-2.0**	482	4.9	100	953	801	13.1	100	D	7	021GAGMT	basement membrane-induced gene	Passed	NM_000448 Entrez UniGene	1840811	pSport1
91	1315	-1.7	**-2.0**	600	5.0	100	1194	1003	13.7	100	G	1	0211AGM3	dual specificity phosphatase 5	Passed	U16996 Entrez UniGene	1734561	pINCY
92	7043	-1.6	**-2.0**	334	3.4	67	656	551	8.9	67	H	9	021GAGMT	BTG family, member 3	Passed	BG11073 6 Entrez UniGene	637576	pSport1
93	2888	-1.7	**-2.0**	192	2.7	92	392	329	6.6	92	A	4	021AAGKZ	oxygen regulated protein (150kD)	Passed	AI969119 Entrez UniGene	2398659	pINCY
94	8729	-1.7	**-2.0**	117	2.1	96†	239	201	4.4	96	H	10	021AAGLT	plastin 3 (T isoform)	Passed	BF683154 Entrez UniGene	1402228	pINCY
95	7464	-1.7	**-2.0**	1053	9.7	100	2078	1746	27.1	100	D	11	0214AGNB	proliferating cell nuclear antigen	Passed	AA523378 Entrez UniGene	2781405	pINCY

96	2233	-1.7	**-2.0**	459	4.1	68	916	770	10.6	68	A	1	021SAGN6	ADP-ribosylation factor-like 3	Passed	BI013116 Entrez UniGene	67300	pBlue
97	4100	-1.7	**-2.0**	818	6.9	62	1628	1368	19.7	62	E	4	021CAGMD	ferritin, heavy polypeptide 1	Passed	BE878314 Entrez UniGene	27775	pBlue
98	7377	-1.7	**-2.0**	754	7.6	100	1516	1274	21.5	100	H	5	021ZAGN7	endothelin converting enzyme 1	Passed	NM_001397 Entrez UniGene	1963819	pSport1
99	7018	-1.6	**-1.9**	257	2.9	89	480	403	6.8	89	H	7	0219AGMS	preferentially expressed antigen in melanoma	Passed	AI017284 Entrez UniGene	2007554	pBlue
100	4844	-1.6	**-1.9**	762	6.3	65	1440	1210	16.9	65	E	4	0216AGN8	cell division cycle 42 (GTP-binding protein, 25kD)	Passed	AV722422 Entrez UniGene	2834543	pINCY

† Probe 1 did not meet selection criteria

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Next 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94

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