

	10	20	30	40	50	60	70	80											
BrBBX8	-----	VCNT	CRSA	ACTV	YCR	ADSA	YLCAT	CD	AQV	HA	AN	LL	AS	RH	ER	VR	VR	44	
BrBBX49	-----	QTCD	ICRS	AACT	VYCR	PD	SA	YLC	TSC	DAQ	I	HE	AN	RL	AS	RH	ER	45	
BrBBX7	-----	TRAC	DI	CRSA	ACTI	YRE	AD	STYL	CTT	CD	AR	V	HA	AA	KR	VR		38	
BrBBX50	-----	ENNT	GPRA	CDT	ICG	STI	CTV	YCH	ADS	AYLC	NS	CD	AQ	VH				37	
BrBBX26	-----	LCDS	CKS	SATA	AALY	CRP	DA	AF	LC	LS	CD	SK	V	HA	AN	KL	AS	44	
BrBBX42	-----	LCDS	CKS	SATA	AALY	CRP	DA	AF	LC	LS	CD	SK	V	HA	AN	KL	AS	44	
BrBBX19	-----	MASRP	CD	SCRS	AAAT	LF	CR	ADA	AF	LC	GE	CD	GK	I	H	I	AN	48	
BrBBX10	-----	AAARS	CD	ACK	SASA	AVY	CR	FD	SA	FL	CIT	CD	TS	I	H	S	FT	42	
BrBBX29	-----	PCE	FC	GERA	AV	LF	CR	AD	TAK	L	CL	P	CD	Q	H	V	H	44	
BrBBX51	-----	VP	CD	FC	GERT	AV	LF	CR	AD	TAK	L	CL	P	CD	H	H	V	45	
BrBBX39	-----	VP	CD	FC	NERA	AV	LF	CR	AD	A	AK	L	CL	P	CD	R	H	45	
BrBBX21	-----	CDY	CESS	VAL	VY	CK	AD	SA	KL	CL	AC	DN	Q	V	H	V	T	43	
BrBBX6	-----	MC	D	FC	G	E	Q	R	S	M	VY	CR	S	D	A	A	C	44	
BrBBX25	-----	MC	D	FC	G	E	Q	R	S	M	VY	CR	S	D	A	A	C	44	
BrBBX17	-----	MC	D	FC	G	D	Q	R	S	M	VY	CR	S	D	S	A	C	44	
BrBBX15	-----																	43	
BrBBX27	-----																	33	
BrBBX5	-----	EPK	CDY	CATT	QAI	I	Y	CKY	D	L	A	K	L	CL	K	D	V	46	
BrBBX48	-----	PM	CD	H	C	N	M	G	K	A	V	Y	CK	T	H	L	A	R	46
BrBBX12	-----	RACD	S	CL	K	R	R	A	R	WY	CA	AD	A	F	L	C	H	S	45
BrBBX33	-----	RACD	S	CV	K	R	R	A	R	WY	CA	AD	A	F	L	C	H	S	45
BrBBX30	-----	RACD	S	CV	K	R	R	A	R	WY	CA	AD	A	F	L	C	H	S	45
BrBBX43	-----	RACD	S	CV	K	R	R	A	R	WY	CA	AD	A	F	L	C	H	S	45
BrBBX40	-----	RT	CD	N	CL	K	K	Q	A	H	W	F	CA	A	D	E	A	F	45
BrBBX23	-----	CEL	CL	N	K	H	A	V	WY	CA	S	D	A	F	L	C	H	V	43
BrBBX14	-----	CN	V	C	E	A	A	E	A	V	L	C	C	A	D	E	A	A	43
BrBBX35	-----	Q	C	N	V	C	E	A	A	E	A	V	L	C	C	A	D	E	44
BrBBX31	-----	CN	V	C	E	T	A	E	A	V	L	C	C	A	D	E	A	A	43
BrBBX28	-----	L	C	D	A	C	E	N	A	A	I	V	F	CA	A	D	E	A	42
BrBBX38	-----	L	C	D	A	C	E	N	A	A	I	V	F	CA	A	D	E	A	42
BrBBX44	-----	L	C	D	A	C	E	S	A	A	I	V	F	CA	A	D	E	A	42
BrBBX1	-----	W	C	D	V	C	D	K	E	E	A	S	V	F	C	C	A	D	44
BrBBX37	-----	W	C	D	V	C	D	K	E	E	A	S	V	F	C	C	A	D	44
BrBBX13	-----	R	C	D	V	C	D	K	E	E	A	L	V	F	C	T	A	D	30
BrBBX32	-----	R	C	D	V	C	D	K	E	E	A	S	V	F	C	T	A	D	44
BrBBX34	-----	R	C	D	V	C	D	K	E	E	A	S	V	F	C	T	A	D	44
BrBBX41	-----	C	D	V	C	E	K	A	P	A	T	V	I	C	C	A	D	E	40
BrBBX46	-----	C	D	V	C	E	N	A	P	A	T	V	I	C	C	A	D	E	40
BrBBX45	-----	C	D	V	C	E	N	A	P	A	T	V	I	C	C	A	D	E	40
BrBBX20	-----	C	D	V	C	E	K	A	P	A	T	L	I	C	C	A	D	E	43
BrBBX22	-----	C	D	V	C	E	K	A	P	A	T	L	I	C	C	A	D	E	43
BrBBX16	-----	Q	E	K	A	A	F	I	F	C	V	E	D	R	A	L	L	C	26
BrBBX18	-----	M	G	K	K	C	D	L	C	D	G	-	V	A	R	M	Y	C	47
BrBBX36	-----	M	G	K	K	C	D	L	C	D	G	-	V	A	R	M	Y	C	47
BrBBX2	-----	K	C	D	L	C	E	G	-	V	A	R	M	Y	C	E	S	D	43
BrBBX11	-----	M	E	K	M	K	C	E	L	C	E	G	-	V	A	R	M	Y	47
BrBBX47	-----	C	E	L	C	D	G	-	V	A	R	M	Y	C	E	S	D	Q	42
BrBBX4	-----	P	V	R	C	E	L	C	G	-	D	A	S	V	F	C	E	A	31
BrBBX9	-----	P	V	R	C	E	L	C	G	-	D	A	S	V	F	C	E	A	31
BrBBX3	-----	V	S	C	D	L	C	G	-	N	A	A	V	Y	C	E	A	D	34
BrBBX24	-----	V	K	S	C	E	L	C	G	-	A	E	A	D	L	H	C	A	33
BoBBX1	-----	W	C	D	V	C	D	K	E	E	A	S	V	F	C	C	A	D	44
BoBBX19	-----	W	C	D	V	C	D	K	E	E	A	S	V	F	C	C	A	D	43
BoBBX11	-----	R	C	D	V	C	D	K	E	E	A	S	V	F	C	T	A	D	44
BoBBX29	-----	R	C	D	V	C	D	K	E	E	A	S	V	F	C	T	A	D	44
BoBBX32	-----	R	C	D	V	C	D	K	E	E	A	S	V	F	C	T	A	D	44
BoBBX12	-----	CN	V	C	E	A	A	E	A	V	L	C	C	A	D	E	A	A	43
BoBBX33	-----	CN	V	C	E	A	A	E	A	V	L	C	C	A	D	E	A	A	43
BoBBX28	-----	Q	C	N	V	C	E	T	A	E	A	V	L	C	C	A	D	E	44
BoBBX47	-----	I	Q	C	E	V	C	E	K	A	E	A	E	V	L	C	C	S	45
BoBBX41	-----	Q	C	D	V	C	E	K	A	P	A	T	V	I	C	C	A	D	42
BoBBX44	-----	C	D	V	C	E	N	A	P	A	T	V	I	C	C	A	D	E	40
BoBBX21	-----	C	D	V	C	E	K	A	P	A	T	L	I	C	C	A	D	E	43
BoBBX18	-----	L	C	D	A	C	E	N	A	A	I	V	F	CA	A	D	E	A	40
BoBBX40	-----	L	C	D	A	C	E	N	A	A	I	V	F	CA	A	D	E	A	42
BoBBX43	-----	L	C	D	A	C	E	S	A	A	I	V	F	CA	A	D	E	A	42
BoBBX31	-----	M	E	R	L	C	E	V	K	A	Y	R	A	V	Y	C	I	A	47
BoBBX7	-----	C	N	T	C	R	S	A	A	C	T	VY	CR	AD	S	AY	L	C	43
BoBBX50	-----	C	D	I	C	R	S	A	A	C	T	VY	CR	AD	S	AY	L	C	43
BoBBX6	-----	R	A	C	D	I	C	R	S	A	A	C	T	VY	CR	AD	S	AY	37

BoBBX51	-----PACDTCGSTICTVYCHADSAYLNCNSCDAQVHSANRV-ASRHKRVRV-----	45
BoBBX8	-----HSFT-----RHERV-----	9
BoBBX49	-----RFCDACQSVSAAVFCRVDSAFLCLTCDTRIHSYT-----RHERVFL-----	41
BoBBX38	-----LCDSCKSATAALYCRPDAAFLCLSCDSKVHAANKL-ASR HARVWM-----	44
BoBBX46	-----LCDSCKSATAALYCRPDAAFLCLSCDSKVHAANKL-ASR HARVWM-----	44
BoBBX22	-----MASRPCDSCRSAATLILCRADAAFLCGECDGKTHSANKL-ASRHERVWL-----	48
BoBBX10	-----RACDSCCLKRRARWFCAADDAFLCHSCDGSVHSANPL-ARRHERVLL-----	45
BoBBX30	-----RACDNCVKKRARWYCAADDAFLCHFCDGGSVHSANPL-ACRHERVRL-----	45
BoBBX35	-----RACDSCVKRRARWYCAADDAFLCQSCDTLVHSANLL-ARRHERVLL-----	45
BoBBX36	-----RACDSCVKRRARWYCAADDAFLCQSCDTLVHSANLL-ARRHERVLL-----	45
BoBBX23	-----RACDSCVKKRARWYCAADDAFLCQSCDTLVHSANPL-ARRHERVRL-----	45
BoBBX16	-----RTCDNCFKKRAHWFCAADEAFLLCQSCDTSVHSANLL-ARRHERVRL-----	45
BoBBX24	-----PERQEDVKRPRDCEILCLNKHAVWYCASDDAFLCHVCDSESVHRANQV-ATKHDRVCL-----	55
BoBBX4	-----EPKCDYCATTTQAIITYCKYDLAKLCLKCDVHVHSPNPL-SRRHMRSLI-----	46
BoBBX45	-----PMCDHCNMGKAVVYCKTHLARICSQCDRKH HHYVTMDSPDHSRLLL-----	46
BoBBX5	-----MCDFCGEQSRSMVYCRSDDACLCLSCDRSIHSANAL-SKRHSRTLIV-----	44
BoBBX27	-----MCDFCGEQSRSMVYCRSDAACLCLSCDRSVHSANAL-SKRHSRTLIV-----	44
BoBBX14	-----MCDFCGEQSRSMVYCRSDSACLCLSCDRSVHSANAL-SKRHSRTLIV-----	44
BoBBX13	-----ICDFCNEQSRSMVYCRSDAACLCLSCDRNVHSANAL-SKRHSRTLIV-----	44
BoBBX17	-----ERVPCDFCNERAAVLFCRADAAKLCLPCDRHVHTANLL-SKKHVRSQI-----	47
BoBBX34	-----PCDFCGERA AVLFCRADTAKLCLPCDQQVHTANLL-SKKHVRSQI-----	44
BoBBX52	-----PCDFCGERTAFLLFCRADAAKLCLPCDHRVHKANLL-SRKHVRSRI-----	44
BoBBX20	-----CDYCESSVALVYCKADSAKLCLACDNQVHVTINQL-FSKHFRSLI-----	43
BoBBX2	-----KCDLDCG-VARMYCESDQASLCWNCDAKVHGANFL-VAKHTRCLL-----	43
BoBBX39	-----KCDLCEG-VARMYCESDQASLCWDCDGKVHGANFL-VAKHTRCLL-----	43
BoBBX42	-----MGKKKCALDCG-VARMYCESDQASLCWNCDGKVHGANFL-VAKHTRCLL-----	47
BoBBX9	-----MEKMKCEILCEG-VARMFCESDQASLCWDCDGNVHGANFL-VAKHARCLL-----	47
BoBBX48	-----MAKKKCEILCDR-VARTFCESDQASLCWDCGKVHGANFL-VAKHTRCLL-----	47
BoBBX3	-----PVRCEILCGG-DASVFCEADTAFLLCRKCDRWVH-----	31
BoBBX25	-----ASVFCEADSAFLCRKCDRWVH-----	21
BoBBX15	-----ICEILCG-AEAHLHCDADSAYLRCSDVKFHASNFL-FSRHVRR-----	41
BoBBX26	-----VKSCEILCG-AEADLHCAADS AFLCRSCDAKFHASNILL-FSRHVVRTI-----	45
BnABBX41	-----MGKKKCEILDCG-VARMFCESDQASLCWNCDGKVHGANFL-VAKHTRCLL-----	47
BnCBX90	-----MAKKKCEILCDR-VARMFCESDQASLCWDCDGNVHGANFL-VAKHTRCLL-----	47
BnABBX7	-----MEKMKCEILCEG-VARMFCESDQASLCWDCDGNVHGANFL-VAKHARCLL-----	47
BnABBX2	-----VSCDLCEG-NAAVYCEADTAFLLCRKCDRWVHSA-----	32
BnCBX53	-----VSCDLCEG-NAAVYCEADTAFLLCRKCDRWVHSA-----	32
BnABBX5	-----SVPVRCEILCGG-DASVFCEADTAFLLCRKCDRWVHGANFL-AWRHVRRVLCTACQKLTRKCL-----	59
BnCBX66	-----PVRCEILCGG-DASVFCEADTAFLLCRKCDRWVH-----	31
BnCBX99	NEEENRSVHGGCRSLCTRPSVPVRCEILCGG-DASVFCEADTAF-----	42
BnCBX95	-----ASVFCEADSAFLCRKCDRWVH-----	21
BnABBX20	-----VKSCEILCG-AEADLHCAADS AFLCRSCDAKFHAS-----	33
BnCBX70	-----VKSCEILCG-AEADLHCAADS AFLCRSCDAKFHASNILL-FSRHVVRTIC-----	46
BnCBX61	-----ICEILCG-AEAHLHCDADSAYLRCSDVKFHASNFL-FSRHVRRAI-----	43
BnABBX29	-----RLCEVCKAYRAVVYCIADAASLCLTCDAKVHSANAL-SGRHLRTLILCGFCKNQP-----	53
BnCBX76	-----RLCEVCKAYRAVVYCIADAASLCLTCDAKVHSANAL-SGRHLRTLILCGFCKNQP-----	53
BnABBX1	-----WCDVCDKEEASVFCCADEAALCNGCDRHVH-----	30
BnCBX51	-----WCDVCDKEEASVFCCADEAALCNGCDRHVHFANKL-AGKHLRFSLT-----	45
BnABBX32	-----WCDVCDKEEASVFCCADEAALCNGCDRHVHFANKL-AGKHQRFSLT-----	45
BnCBX64	-----WCDVCDKEEASVFCCADEAALCNGCDRHVHFANKL-AGKHQRFSLT-----	45
BnABBX9	-----RCDVCDKEEALVFCTADEASLCGGCDHRVH-----	30
BnCBX57	-----RCDVCDKEEASVFCTADEASLCGGCDHRVHHANKL-ASKHLRFSL-----	44
BnABBX27	-----RCDVCDKEEASVFCTADEASLCGGCDHQVHHANKL-ASKHLRFSL-----	44
BnCBX74	-----RCDVCDKEEASVFCTADEASLCGGCDHQVHHANKL-ASKHLRFSL-----	44
BnABBX44	-----RCDVCDKEEASVFCTADEASLCGGCDHRVHHANKL-ASKHLRFSL-----	44
BnCBX78	-----RCDVCDKEEASVFCTADEASLCGGCDHRVHHANKL-ASKHLRFSL-----	44
BnABBX10	-----CNVCEAAEA AVLCCADEAALCWACDEKIHAANKL-AEKHQRVPL-----	43
BnCBX58	-----CNVCEAAEA AVLCCADEAALCWACDEKIHAANKL-AEKHQRVPL-----	43
BnCBX77	-----CNVCEAAEA AVLCCADEAALCWS CDEKVHAANKL-AGKHQRVPL-----	43
BnCBX79	-----CNVCEAAEA AVLCCADEAALCWACDEKVHAANKL-AGKHQRVPL-----	43
BnABBX30	-----CNVCEAAEA AVLCCADEAALCWS CDEKVHAANKL-AGKHQRVPL-----	43
BnABBX48	-----CNVCETA EA AVLCCADEAALCLACDEKVHTANKL-AGKHQRVPL-----	43
BnCBX73	-----CNVCETA EA AVLCCADEAALCLACDEKVHAANKL-AGKHQRVPL-----	43
BnABBX38	-----QCEVCEKAEAEVLCCSDEAALCKPCDITVHEANKL-FQRHHRVPL-----	44
BnCBX89	-----IQCEVCEKAEAEVLCCSDEAALCKPCDITVHEANKL-FQRHHRVPL-----	45
BnABBX16	-----CDVCEKAPATLICC ADEAALCASCDVEVHAANKL-ASKHQRLFL-----	43
BnCBX68	-----CDVCEKAPATLICC ADEAALCASCDVEVHAANKL-ASKHQRLFL-----	43
BnABBX19	-----CDVCEKAPATLICC ADEAALCAKCDIEVHAANKL-ASKHQRLFL-----	43
BnCBX98	-----CDVCEKAPATLICC ADEAALCAKCDIEVHAANKL-ASKHQRLFL-----	43
BnABBX13	-----QEKA AFIFCVEDRALLCRDYDEATHA-----	26
BnABBX36	-----CDVCEKAPATVICC ADEAALCPRCDVEIHAANKL-ASKHQ-----	40
BnCBX84	-----CDVCEKAPATVICC ADEAALCPKCDVEIHAANKL-ASKHQ-----	40

BnABBx40	-----CDVCENAPATVICCADAEEALCPKCDVEIHAANKL-ASKHQ	40
BnCBbX69	-----CDVCENAPATVICCADAEEALCPKCDVEIHAANKL-ASKHQ	40
BnABBx39	-----CDVCENAPATVICCADAEEALCPKCDVEIHAANKL-ASKHQ	40
BnCBbX87	-----CDVCENAPATVICCADAEEALCPKCDVEIHAANKL-ASKHQ	40
BnABBx33	-----LCDACENAAAIIVFCAADEEALCRPCDEKVHMCNKL-ASRHVR	41
BnCBbX63	-----LCDACENAAAIIVFCAADEEALCRPCDEKVHMCNKL-ASRHVR	41
BnCBbX83	-----LCDACENAAAIIVFCAADEEALCRACDEKVHMCNKL-ASRHVR	41
BnABBx25	-----APCDDICENAPAFFYCEIDGSSLCLQCDMVVHVGGK--RTHGRFLI	44
BnCBbX85	-----LCDVCESAAAIIVFCAADEEALCCSCDEKVHMCNKL-ASRHVR	41
BnABBx3	-----CESCLKADADSFCPQHNFCLCYNCDIKIH	29
BnABBx8	-----RACDSCLKRRARWYCAADDAFLCHSCDGSVHSANPL-ARRHERVLI	45
BnCBbX56	-----ARACDSCLKRRARWYCAADDAFLCHSCDGSVHSANPL-ARRHERVL	45
BnCBbX75	-----RACDNCVKKRARWYCAADDAFLCHFCD	27
BnABBx28	-----RACDSCVKKRARWYCAADDAFLCHSCD	27
BnABBx31	-----ARACDSCVKRRARWYCAADDAFLCQSCDTLVHSANLL-ARRHERVLI	46
BnCBbX97	-----ARACDSCVKRRARWYCAADDAFLCQSCDTLVHSANLL-ARRHERVLI	46
BnCBbX80	-----ACDSCVKRRARWYCAADDAFLCQSCDTLVHSANLL-ARRHERVLI	44
BnABBx46	-----ACDSCVKKRARWYCAADDAFLCQSCDTLVHSANPL-ARRHERVRL	44
BnCBbX72	-----ACDSCVKKRARWYCAADDAFLCQSCDTLVHSANPL-ARRHERVRLK	45
BnABBx35	-----RTCDNCLKKQAHWFCAADEAFLCQSCDTSVHSANLL-ARRHERVRL	45
BnCBbX94	-----RTCDNCLKKRAHWFCAADEAFLCQSCDTSVHSANLL-ARRHERVPL	45
BnABBx22	-----CELCLNKHAVWYCASDDAFLCHVCDESVHRANQV-ATKHDRVCL	43
BnABBx6	-----VCNTCRSAACTVYCRADSAYLCTSCDAQVHAANLL-ASRHERRRV	44
BnCBbX54	-----ACNTCRSAACTVYCRADSAYLCTSCDAQVHAANLL-ASRHERRRV	44
BnABBx42	-----CDTICRSAACTVYCRADSAYLCTSCDAQTHAANRL-ASRHERRRV	43
BnCBbX92	-----CDTICRSAACTVYCRADSAYLCTNCDAQVHAANRL-ASRHERRRV	43
BnABBx43	-----RACDTCGSTICTVYCHADSAYLNCSCDAQVHSANRV-ASRHKRRRV	45
BnCBbX93	-----RACDTCGSTICTVYCHADSAYLNCSCDAQVHSANRV-ASRHKRRRV	45
BnABBx49	-----RACGTCRSAACTIYREADSTYLCTNCDARVHAA-----KRVR	37
BnABBx50	-----RACDTCRSAACTIYREADSTYLCTTCDARVHAA-----KRVR	37
BnABBx12	-----RSCDACKSASAAVYCRFDSAFLCITCDTSIHSFT----RHERV	39
BnCBbX55	-----RSCDACKSASAAVFCRVDSAFLCITCDASIHST----RHERV	39
BnCBbX91	-----RSCDACQSVSAAVFCRVDSAFLCITCDTRIHSYT----RHERVFL	41
BnABBx15	-----MASRPCDSCRSAATLFCRADAAFLCGECDGKIHTANKL-ASRHERVLL	48
BnCBbX67	-----MASRPCDSCRSAATLFCRADAAFLCGECDGKIHSANKL-ASRHERVWL	48
BnABBx23	-----LCDSCKSATAALYCRPDAAFCLCLSCDSKVHAANKL-ASRHARVWM	44
BnCBbX82	-----MASKLCDSCKSATAALYCRPDAAFCLCLSCDSKVHAANKL-ASRHARVWM	48
BnABBx37	-----LCDSCKSATAALYCRPDAAFCLCLSCDSKVHAANKL-ASRHARVWM	44
BnCBbX88	-----LCDSCKSATAALYCRPDAAFCLCLSCDSKVHAANKL-ASRHARVWM	44
BnABBx45	-----PMCDHCNMGKAVVYCKTHLARICSQCDRKLIHHYVTMDSPDHSRLLI	46
BnCBbX86	-----PMCDHCNMGKAVVYCKTHLARICSQCDRKLIHHYVTMDSPDHSRLLI	46
BnABBx4	-----EPKCDYCATTTQAI IYCKYDLAKLCLKCDVHVHSPNPL-SRRHMRSLI	46
BnCBbX100	-----EPKCDYCATTTQAI IYCKYDLAKLCLKCDVHVHSPNPL-SRRHMRSLI	46
BnABBx14	-----MCDFCGDQSRSMVYCRSDSACLCLSCDRSVHSANAL-SKRHSRTL	44
BnCBbX60	-----MCDFCGEQSRSMVYCRSDSACLCLSCDRSVHSANAL-SKRHSRTL	44
BnABBx21	-----MCDFCGEQSRSMVYCRSDAACLCLSCDRSVHSANAL-SKRHSRTL	44
BnCBbX71	-----MCDFCGEQSRSMVYCRSDAACLCLSCDRSVHSANAL-SKRHSRTL	44
BnCBbX52	-----MCDFCGEQSRSMVYCRSDAACLCLSCDRSIHSANAL-SKRHSRTL	44
BnABBx11	-----MCDFCNEQSRSMVYCRSDAACLCLSCDRNVHSANAL-SKRHSRTL	44
BnCBbX59	-----ICDFCNEQSRSMVYCRSDAACLCLSCDRNVHSANAL-SKRHSRTL	44
BnABBx24	-----MCDFCGEQSRSMVHCRSDAACLCLSCDRNVHSANAL-SKRHSRTL	44
BnCBbX81	-----MCDFCGEQSRSMVHCRSDAACLCLSCDRNVHSANAL-SKRHSRTL	44
BnCBbX96	-----CDFFCGERTAVLFCRADAAKLCLPCD	25
BnABBx17	-----ERVPCDFFCGERTAVLFCRADAAKLCLSCDHHVHKANLL-SRKHVRS	47
BnABBx47	-----ERVPCDFFCGERTAVLFCRADAAKLCLSCDHHVHKANLL-SRKHVRS	47
BnABBx26	-----CEFFCGERAAVLFCRADIAKLCLPCDQHVHTANLL-SKKHVRSQI	43
BnCBbX101	-----PCDFFCGERTAVLFCRADIAKLCLPCDQVHVHTANLL-SKKHVRSQI	44
BnABBx34	-----VPCDFCNERAAVLFCEADAAKLCLPCDRHVHTANLL-SKKHVRSQI	45
BnCBbX62	-----ERVPCDFCNERAAVLFCEADAAKLCLPCDRHVHTANLL-SKKHVRSQI	47
BnABBx18	-----CDYCESSVALVYCKADSAKLCLACDNQVHVNTNQL-FSKHFRSLI	43
BnCBbX65	-----CDYCESSVALVYCKADSAKLCLACDNQVHVNTNQL-FSKHFRSLI	43

	90	100	110	
			
BrBBx8	-----	44		
BrBBx49	-----	45		
BrBBx7	-----	38		
BrBBx50	-----	37		
BrBBx26	-----	44		
BrBBx42	-----	44		
BrBBx19	-----	48		
BrBBx10	-----	42		

BrBBX29	-----	44
BrBBX51	-----	45
BrBBX39	-----	45
BrBBX21	-----	43
BrBBX6	-----	44
BrBBX25	-----	44
BrBBX17	-----	44
BrBBX15	-----	43
BrBBX27	-----	33
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