

M1	mm1	RCGCA.GCGY	V\$NRF1_Q6	107.8
M1	mm2	R.GCATGC.Y	-	53.3
M1	mm3	A.TGCRCA.GCG	V\$NRF1_Q6	21.8
M1	mm4	CTGMG..TGCGY	-	21.4
M1	mm5	RCTG.RC.TGC.C	-	17.8
M1	mm6	SAGCATGY	-	15
M1	mm7	ACTKM.S.TGC.Y	-	14.6
M1	mm8	RCTG..CATG	-	14.3
M1	mm9	GAGY.TGCGC	-	11.9
M1	mm10	MGCATGTR	-	11.4
M1	cons	rcTGMGCATGCGY		
M1	cons	=====		
M2	mm11	CACGTG	V\$MYC_Q2	85.3
M2	mm12	CACGTGA	V\$USF_Q6_01	47.8
M2	mm13	SACGTGGC	-	25.7
M2	mm14	SRCGTGGC	V\$MYCMAX_B	23.5
M2	mm15	CACSTGCT	V\$USF_C	17.6
M2	mm16	CACRTGCGY	-	13.8
M2	mm17	CAC.KGAARY	-	13
M2	cons	CACGTGV...		
M2	cons	=====		
M3	mm18	SCGGAAGY	V\$ELK1_02	80.4
M3	mm19	CCCGGAWR	-	40.5
M3	mm20	GACCCGGAWS	-	25.3
M3	mm21	GACMYGGAAR	-	21.2
M3	mm22	CCGGAARY	V\$ELK1_02	20.9
M3	mm23	CCGKATGT	-	16.5
M3	mm24	CCGGAACY	V\$ELK1_02	15.5
M3	mm25	SCGGRACCT	-	13.4
M3	mm26	CGGAWGTT	V\$PEA3_Q6	13
M3	mm27	ACAKMYGGAR	-	11.5
M3	mm28	CRGATGTT	V\$RP58_01	11.1
M3	mm29	CGGAACCRR	-	10.9
M3	cons	.sacCCGGAWSYt.		
M3	cons	=====		
M4	mm30	ACTAYR...CCCR	-	69.5
M4	mm31	ACTAC...CCC	-	65
M4	mm32	ACTAC...TCCCR	-	38.2
M4	mm33	RRACTACA	-	33.3
M4	mm34	RRACT.CAT.T	-	15.7
M4	mm35	GACK.CATY	-	14.8
M4	mm36	RAACYRC...CCC	-	14.1
M4	mm37	GGAYTAC	-	9.1
M4	cons	RRACTACAt.tCCCr		
M4	cons	=====		
M5	mm38	GATTGGY	V\$Nfy_Q6_01	64.6
M5	mm39	Y.ATTGGCY	V\$Nfy_01	50.5
M5	mm40	YCATTGG.Y	V\$Nfy_01	42.2
M5	mm41	TGATTGRY	V\$PBX1_02	23.3
M5	mm42	Y.ATTGGT	V\$Nfy_Q6_01	16.3
M5	mm43	T.ATTGGA	-	12
M5	mm44	Y.ATTGGY	-	11.6
M5	mm45	YTATTGG	V\$CDP_01	11.6
M5	mm46	YAATTGG.Y	-	10.5
M5	mm47	ATTRGTCT	-	9.3
M5	cons	Y.ATTGGYY.		
M5	cons	=====		
M6	mm48	GGGCGGR	V\$SP1_Q6	63.9
M6	mm49	GGGCGG	V\$SP1_Q6	55.9
M6	mm50	RGGCGKGGC	V\$SP1_Q6	47.9
M6	mm51	GGG.GGG	V\$SP1_Q4_01	40.9
M6	mm52	RGGCGGAGY	-	19.5
M6	mm53	RGGCGGG.Y	V\$SP1_Q6	18.8
M6	mm54	YAGGKGGCGC	-	18.7
M6	mm55	RGGTGKGGC	-	18.4
M6	mm56	RGGAGKGGC	-	14.6

M6	mm57	AGG.GKCGCTS	-	13.6
M6	mm58	GGGGGCG	V\$EGR_Q6	8.3
M6	cons	.RGCGKSGC..		
M6	cons	=====		
M7	mm59	TGA.TCA	V\$AP1_C	62.8
M7	mm60	TGACTCA	V\$BACH2_01	39.9
M7	mm61	TGAYGCA	-	19.9
M7	mm62	TGACKCAC	V\$BACH2_01	14.7
M7	mm63	GATKA.TCA	-	14.1
M7	mm64	TGA.T.ACA	-	13.4
M7	mm65	TGA.YCAGA	-	13.4
M7	mm66	TGA.T.RCAG	-	11.7
M7	mm67	AATKA.TCA	-	11.7
M7	mm68	WGAC.CACCY	-	10.7
M7	mm69	TGC.GCA	-	10.2
M7	mm70	TGAY.CAA	-	9.5
M7	cons	raTGAYKCACmb		
M7	cons	=====		
M8	mm71	TMTCGCGA.R	-	55.7
M8	mm72	TCTCGCGAK	-	49.1
M8	cons	TMTCGCGAKR		
M8	cons	=====		
M9	mm73	TGAYRTCA	V\$ATF3_Q6	55.7
M9	mm74	GTG...TCAC	-	15.4
M9	mm75	GATKW..TCA	-	14.5
M9	mm76	YKTCATCA	-	13.1
M9	mm77	GCTGA..TCA	-	12.8
M9	mm78	TGA..TSACA	-	12.6
M9	mm79	R.TGA..TMATG	-	12.1
M9	mm80	YKACATCA	-	11.4
M9	mm81	ATGR..TCAT	-	10.2
M9	cons	gvTGWcaTCAyr		
M9	cons	=====		
M10	mm82	GCCAT.TTG	V\$YY1_Q6	54.7
M10	mm83	CGCCAT.T	V\$YY1_Q6	50.1
M10	mm84	CCAW.WTGG	-	31.1
M10	mm85	GCCATTKT	V\$YY1_Q6	26.8
M10	mm86	KCCATTTTRT	-	20.3
M10	mm87	RCCATCTK	V\$TAL1BETAE47_01	18.9
M10	mm88	KCCAT.TTT	V\$YY1_Q6	18.9
M10	mm89	KCCAT.TTA	V\$YY1_Q6	17.3
M10	mm90	R.GGCCAT.T	V\$NFMUE1_Q6	14.6
M10	mm91	CCAT.KTGA	-	14.2
M10	mm92	GGC..YTTTRW	-	13.6
M10	mm93	GCCYWYGTG	-	12.1
M10	mm94	CCAW.KTTG	-	11.8
M10	mm95	GGC..S.TTAW	-	11.6
M10	mm96	R.AGCCAT.T	V\$YY1_Q6	11.4
M10	mm97	RSCAT.KTCC	-	10.9
M10	mm98	CAGYCAT.W	-	10.1
M10	mm99	GCCAW.TTCY	-	9.9
M10	mm100	GGCYMTTW	-	9.9
M10	mm101	GGC.ATTKK	-	9.8
M10	mm102	CGGCCATYK	V\$NFMUE1_Q6	9.8
M10	mm103	GCCMWYKTGC	-	9.6
M10	mm104	GCCW.ATTK	-	8.3
M10	cons	..rGCCATyKTD.		
M10	cons	=====		
M11	mm105	MGGAAGTG	V\$GABP_B	51.6
M11	mm106	GGAAARTGAYR	-	39.9
M11	mm107	SMGGAAGT	V\$ETS_Q4	34
M11	mm108	MGGAAATG	V\$STAT1_02	14.6
M11	mm109	AGGRWGTGGY	-	13.6
M11	mm110	MGGAARYGAG	-	13.4
M11	cons	sMGGAARTGRBr		
M11	cons	=====		

M12	mm111	CAGGTG	V\$E12_Q6	47.6
M12	mm112	CAG.TGG	V\$MYOD_Q6	35.7
M12	mm113	RCCA..TGG	-	25
M12	mm114	RYAGGTGG	V\$E12_Q6	24
M12	mm115	AGGTGA	V\$AREB6_02	23
M12	mm116	R.CAG.WGGT	-	15.4
M12	mm117	YRGGTGGC	-	11.5
M12	mm118	R.CAGRKGGCA	-	11.4
M12	mm119	AAGKTGAY	-	10.5
M12	mm120	CCAK.TKGT	-	9.3
M12	mm121	RTCA..TTG	-	8.6
M12	cons	ryCAGGTGRyw		
M12	cons	=====		
M13	mm122	CTTTGT	V\$LEF1_Q2	46
M13	mm123	YTTTGTGTC	-	20.6
M13	mm124	TTTGTG	-	18.2
M13	mm125	YTTTRTCT	-	16.9
M13	mm126	YCTTTKRTCT	-	10
M13	mm127	TTTGTA	-	7.7
M13	cons	yyYTTTGTvt		
M13	cons	=====		
M14	mm128	TGACGTCA	V\$ATF3_Q6	44.8
M14	mm129	YKACGTCA	V\$CREB_01	50.7
M14	cons	YKACGTCA		
M14	cons	=====		
M15	mm130	CAGCTG	V\$AP4_Q5	43.9
M15	mm131	ACA.CTG	V\$E47_01	31.4
M15	mm132	RACA..TGG	-	21.6
M15	mm133	RACA.STGT	-	20.6
M15	mm134	TGAYW.ATG	-	16.1
M15	mm135	ACASRTGGY	V\$TAL1BETAE47_01	15.1
M15	mm136	TGAYW..TGA	-	14
M15	mm137	CACA.STGG	-	10.7
M15	mm138	TGACR..TGT	-	9.6
M15	cons	tGACAsVTGD.		
M15	cons	=====		
M16	mm139	RYTTCCTG	V\$ETS2_B	43
M16	mm140	YTTCCCKGTT	V\$ELK1_Q2	17.9
M16	mm141	TTCYTGGC	-	12
M16	mm142	YAATTCCT	V\$HMGYI_Q6	10.2
M16	cons	yaRYTTCCTGKY		
M16	cons	=====		
M17	mm143	AACTTT	-	42.1
M17	mm144	AAACTT	-	28.2
M17	mm145	AACTTC	-	19.3
M17	mm146	GAACTT	-	16.8
M17	mm147	CACTTT	-	10.8
M17	mm148	K.AACTTGRY	-	9.3
M17	mm149	TTCACCT	V\$IRF1_Q6	6.1
M17	cons	kdMACTTB..		
M17	cons	=====		
M18	mm150	TCA..TGAY	V\$SREBP1_01	40.4
M18	mm151	YCACRTGAY	V\$SREBP1_01	17.6
M18	mm152	RTCACATG.Y	-	12.8
M18	mm153	GTCA.CTG	-	12.7
M18	mm154	RTCACATK	-	9.9
M18	cons	RTCACMTGaY		
M18	cons	=====		
M19	mm155	GKCGC.....TGAYG	-	40.1
M19	mm156	CGC.....ATGAY	-	15.1
M19	mm157	KCGC.....GATKR	-	12.1
M19	mm158	GCGC.....ATG.M	-	9.9
M19	cons	gKCGC.....gATGAHg		

M19	cons	=====		
M20	mm159	GTGACGY	V\$E4F1_Q6	38.4
M20	mm160	RATGACGY	V\$CREB_02	19
M20	mm161	RGGTGAC.Y	V\$AP1FJ_Q2	16.3
M20	mm162	RAGTGAC.Y	-	15.8
M20	mm163	TGTGAC	-	13.7
M20	mm164	TGAYGTG.Y	V\$ATF6_01	12.9
M20	mm165	MAATTRCGC	-	12.7
M20	mm166	CAA.GT.ACC	-	11.8
M20	mm167	GGTGAC.T	V\$CREB_02	11.8
M20	mm168	TGACGTGK	V\$ATF6_01	11.4
M20	mm169	AGTSACGT	-	11.3
M20	mm170	GTGATG	-	8.8
M20	cons	. . rRRTGACGYg . .		
M20	cons	=====		
M21	mm171	GGAA.CGGAA.Y	-	37.7
M21	mm172	MGGAA.CGGAA	-	36.3
M21	cons	MGGAA.CGGAA.Y		
M21	cons	=====		
M22	mm173	TGCGCA.K	-	37.4
M22	mm174	TGCGCAGGC	-	21.7
M22	mm175	ACTRMGCAKG	-	17.7
M22	cons	acTGCGCAKgc		
M22	cons	=====		
M23	mm176	TAATTA	V\$CHX10_01	37.3
M23	mm177	WTAAATA	V\$TBP_01	18.5
M23	mm178	WAATTAG	V\$CHX10_01	17.7
M23	mm179	Y.TAAWTAG	V\$CHX10_01	13.8
M23	mm180	M.TTAAAT	-	10.4
M23	mm181	YAAATAT	-	10.1
M23	mm182	AAAYATT	V\$FOXJ2_02	9.6
M23	mm183	STGTMATTA	-	8.7
M23	mm184	GTAATT	V\$NCX_01	8.3
M23	cons	vykTAAWTak.		
M23	cons	=====		
M24	mm185	GGGAGGRR	V\$MAZ_Q6	33.5
M24	mm186	GGGGGARGGG	-	31.2
M24	mm187	RRGGGAGGRR	V\$MAZ_Q6	28.6
M24	mm188	G.GGGAGG	V\$TFIII_Q6	19.6
M24	mm189	RGGAGGAG	-	17.3
M24	mm190	GTGGGAGG	-	12.1
M24	cons	GDGGGAGGRR		
M24	cons	=====		
M25	mm191	TGACCTY	V\$ERR1_Q2	33.4
M25	mm192	TGACCT	V\$ER_Q6_02	32
M25	mm193	GTGACCY	V\$ER_Q6_02	18.7
M25	mm194	TGAMCTTT	V\$COUP_01	15.2
M25	mm195	YYTTGACCY	-	13.4
M25	mm196	YKACCTTC	-	12.5
M25	mm197	RTGASCTCW	-	12
M25	mm198	YTTGAMCTT	V\$GNCF_01	11.9
M25	mm199	TRACCY..TTT	-	11.4
M25	mm200	ACT.ACCT	-	11
M25	mm201	MYTTGATCY	-	10.1
M25	mm202	ACTYACC	-	10.1
M25	mm203	CTGWCCTT.R	V\$T3R_Q6	9.4
M25	mm204	TGACCTA.W	V\$RORA2_01	8.8
M25	cons	.hBTGACCTYhd..		
M25	cons	=====		
M26	mm205	TTAYRTAA	V\$E4BP4_01	32.6
M26	cons	TTAYRTAA		
M26	cons	=====		
M27	mm206	TGG.....KCCAR	-	32.3

M27	mm207	GGC.....KCCAR	-	31.2
M27	mm208	Y.GGC.....YCAAR	-	15.7
M27	mm209	TTGR.....TCCAR	-	13.7
M27	cons	YTGGC.....KCCARr		
M27	cons	=====		
M28	mm210	CTAWWWATA	V\$RSRFC4_Q2	32.3
M28	mm211	TAT..ATA	-	19.2
M28	cons	CTAWWWATA		
M28	cons	=====		
M29	mm212	CTTTAAR	-	30.8
M29	mm213	K.CCCTTTAA	-	23.5
M29	mm214	CCCYKKAAG	-	16.8
M29	mm215	CCCYTTTRW	-	14.9
M29	mm216	GCCY..TTAA	-	13.2
M29	mm217	ACTTTAWW	-	11
M29	cons	ksCMCTTTAAR		
M29	cons	=====		
M30	mm218	YGCGYRCGC	-	30.5
M30	cons	YGCGYRCGC		
M30	cons	=====		
M31	mm219	GGGYGTG.Y	-	30
M31	mm220	AGGYGTG	-	13.6
M31	cons	RGGYGTG.Y		
M31	cons	=====		
M32	mm221	TGASTMAGC	V\$NFE2_01	27.2
M32	mm222	RTGACWCAGC	V\$NRF2_Q4	22.8
M32	mm223	SCTG..TYAGC	-	9.5
M32	cons	sVTGASTCAGC		
M32	cons	=====		
M33	mm224	YTATTTT.R	V\$MEF2_02	26.4
M33	mm225	YTATTTWTAA	V\$AMEF2_Q6	14.6
M33	mm226	TTATTT	-	14.2
M33	mm227	TRTTTTGG	-	11.5
M33	mm228	KYTATTTCYR	-	10.1
M33	mm229	CTAWWTTARS	-	8.9
M33	mm230	YTATTT.TGG	-	8.5
M33	cons	.YTATTTYDRv		
M33	cons	=====		
M34	mm231	CYTAGCAAY	-	26.1
M34	mm232	CCTRGYAAC	-	19
M34	mm233	GCARCCAWT	-	14.9
M34	mm234	ATTAGC	-	14.6
M34	mm235	YCTTRGCARY	-	12.3
M34	mm236	MTTAGCAW	-	11.9
M34	mm237	TRGCAACC	-	11.7
M34	mm238	YCATYAGC	-	9.5
M34	mm239	YRGCAACCR	-	8.5
M34	cons	.yMYTRGCAACcr..		
M34	cons	=====		
M35	mm240	GCA.CTG.Y	V\$MYOD_Q6	25.7
M35	mm241	CATCTG	V\$TAL1BETAE47_01	25.1
M35	mm242	GCASSTGC	-	23.6
M35	mm243	GCAS.TGTY	V\$E47_01	14.9
M35	mm244	GCA.CWGCT	-	13.1
M35	mm245	GCA.CA.CTG	-	9.9
M35	mm246	MCATCTGK	V\$TAL1BETAE47_01	9.8
M35	cons	GCABCWGY.Y.		
M35	cons	=====		
M36	mm247	RTAAACA	V\$FREAC2_01	25.6
M36	mm248	RTAAATA	V\$TBP_01	26.3
M36	mm249	RRGTAAACA	V\$FREAC4_01	13.6
M36	mm250	AGTAAAYA	V\$FREAC3_01	11.3

M36	mm251	GAAAY.YGAG	-	10.8
M36	mm252	M.GTAA.CAGR	-	10.4
M36	mm253	GTAA.Y.GAG	-	10.3
M36	mm254	TAAA.AGA	-	9.4
M36	mm255	WGGTAAAYA	V\$FREAC2_01	8.8
M36	cons	.rGKAAAYAgrag		
M36	cons	=====		
M37	mm256	GTRYCATRR	-	25.3
M37	mm257	GGT.YCATRK	-	13.4
M37	cons	GGTRYCATRD		
M37	cons	=====		
M38	mm258	TGACCTTG	V\$SF1_Q6	25.2
M38	mm259	GTGWMCTT	-	12.5
M38	mm260	GTG.CMTTG	-	11.9
M38	mm261	YSACCWTTG	-	10.6
M38	mm262	GTGR.YTTGG	-	10
M38	cons	GTGACCTTGg		
M38	cons	=====		
M39	mm263	TCCCR..RTGC	-	24.3
M39	mm264	TCCCR.CAT.C	-	16.1
M39	mm265	Y.CCA..WTGC	-	15
M39	mm266	TCCYA..ATGS	-	9.4
M39	cons	TCCCR.cATGC		
M39	cons	=====		
M40	mm267	TTCY.RGAA	V\$STAT5B_01	24.3
M40	mm268	YTCCSRGCG	-	13.3
M40	mm269	YTTCYGGGA	V\$STAT_Q6	12.5
M40	mm270	TTCKG.GCG	-	12.2
M40	mm271	TTC.AGGAM	V\$STAT5B_01	11.8
M40	mm272	TTCCCAGRR	-	11.5
M40	mm273	TTY..GAA.K	V\$STAT5B_01	10.7
M40	mm274	WTCCYAGA.R	-	10.5
M40	mm275	TTCYCACRS	-	10.5
M40	mm276	TTCYCAGMA	-	10.4
M40	mm277	TTCCCA.R	V\$IK1_01	9.6
M40	cons	TTTCYSRSMr.		
M40	cons	=====		
M41	mm278	TGACAG.Y	V\$MEIS1_01	24.1
M41	mm279	TGACAG	V\$MEIS1_01	23.8
M41	mm280	CTG.CAG.Y	-	17.3
M41	mm281	GTGACA	V\$MEIS1_01	16.9
M41	mm282	KGACAGCTS	V\$TGIF_01	12.8
M41	mm283	TTGACA	-	12.2
M41	mm284	CTGACARY	V\$TGIF_01	12.2
M41	mm285	ATGACA	V\$TCF11_01	12.2
M41	mm286	TGACAA.Y	-	10.9
M41	mm287	MMATGACA	V\$TCF11_01	9.9
M41	mm288	TTT.ACA.Y	-	9
M41	cons	.hHTGACARyy.		
M41	cons	=====		
M42	mm289	TGACATY	-	23.8
M42	mm290	RTGACATCRY	-	23.9
M42	mm291	RATG.CATY	-	16.4
M42	mm292	TGAMMTC	-	12.6
M42	mm293	CTGWCATY	-	11.8
M42	mm294	GATR.YATC	-	11.4
M42	mm295	GTGWCATY	-	10.9
M42	mm296	SCTGMCAT.K	-	10
M42	cons	gVTGACATY..		
M42	cons	=====		
M43	mm297	GTTG.Y..RG.AAC	-	23.7
M43	mm298	G.TGCY..RK.AAC	-	22.2
M43	mm299	GTTG.Y....GAC	-	11.8
M43	mm300	KTTG.Y..RGAA.Y	-	10.7

M43	mm301	TTG.Y...TGAYR	-	9.8
M43	cons	GTTGcY..RGwRAYr		
M43	cons	=====		
M44	mm302	YATG.WAAT	V\$OCT_C	23.5
M44	mm303	ATGSWAAT	V\$OCT_C	20.1
M44	mm304	YATGYAAAT	V\$OCT_Q6	19.9
M44	mm305	ATT.AAA	-	19.7
M44	mm306	RTTCAAAY	-	16.5
M44	mm307	WYGCAAAT.R	V\$OCT1_B	15.1
M44	mm308	CATK.AAAY	-	12.2
M44	mm309	TGT.AAT.R	-	11.6
M44	mm310	GTT.AAA	-	11.5
M44	mm311	RRATG..AATT.R	-	9.4
M44	mm312	RCAAATTR	-	9.2
M44	mm313	ATGYTAAT	V\$POU3F2_02	8
M44	cons	.yATKYWAATtr.		
M44	cons	=====		
M45	mm314	CCA..AGRKGGC	-	23.4
M45	mm315	CAC.AKRKGGC	-	18.3
M45	mm316	C.GCA.RKG.CGC	-	15.4
M45	mm317	CAC.WGRGGGY	-	14.1
M45	mm318	CACMWR.WGGC	-	13.5
M45	mm319	RYCAC...R.GGC	-	13.1
M45	mm320	CCASYAGGKG	-	12.9
M45	mm321	CAGYRSR.GGC	-	12.7
M45	mm322	AGCMRATGG	-	11.5
M45	mm323	CAC...ATGKM	-	10.5
M45	mm324	CAGYRGRTGG	-	10.3
M45	cons	.cCASYAGRKGGC..		
M45	cons	=====		
M46	mm325	WTTGKCTG	-	23
M46	mm326	CATTSKCTG	-	13
M46	mm327	GATTKSCTG	-	12.4
M46	mm328	WTTGKYTGG	-	10.9
M46	mm329	WWTGTCTG	-	8.6
M46	cons	sWTTGKCTGg		
M46	cons	=====		
M47	mm330	TGCCAAR	V\$NF1_Q6	22.9
M47	mm331	TTG.CAAR	-	15.4
M47	mm332	GTGCCAR	-	14.1
M47	cons	KTGCCAAR		
M47	cons	=====		
M48	mm333	GCG..A.TTCC	-	22.8
M48	mm334	GCGK.AYTTCC	-	22.3
M48	mm335	R.GGGA.TTCC	V\$CREL_01	17.3
M48	mm336	GGGR..TCCY	V\$NFKAPPAB_01	12.7
M48	mm337	SGGAYTTCYY	-	10
M48	cons	GcGGGAyTTCCy		
M48	cons	=====		
M49	mm338	CATTGTYY	V\$SOX9_B1	22.5
M49	mm339	YWTGTGTT	V\$SOX9_B1	25.5
M49	mm340	YYATTGTT	V\$SOX9_B1	20
M49	mm341	YYATTGTCY	-	19.2
M49	mm342	CCCWTTGT.Y	-	14.6
M49	mm343	GGC.TTGT.Y	-	10.1
M49	mm344	GTCWTTGT.Y	-	9
M49	cons	sBYWTTGTYY		
M49	cons	=====		
M50	mm345	RGAGGAARY	V\$PU1_Q6	22.4
M50	mm346	GAGGAAGY	V\$PU1_Q6	16.8
M50	mm347	RAAGGAARY	-	14.1
M50	mm348	GAGRAAGTK	-	10
M50	cons	RRAGGAARYk		
M50	cons	=====		

M51	mm349	TATAAA	V\$TATA_01	22.1
M51	mm350	TTT . AAA	-	22.1
M51	mm351	TTTATT	-	21.5
M51	mm352	TAT . AAT . R	-	19.2
M51	mm353	TATATA	V\$TATA_01	18.7
M51	mm354	TTTRCAAR	-	16.5
M51	mm355	TGTAAAY	-	16.2
M51	mm356	TTTTAT	V\$TATA_C	15.9
M51	mm357	CTTTAT . R	-	15.5
M51	mm358	CTTWTATR	V\$TATA_01	14.4
M51	mm359	TTTWATAR	V\$TATA_C	13.5
M51	mm360	K . TTTATG . R	-	11.1
M51	mm361	TTTRYMAACA	-	10.1
M51	cons	.yTTTATAAAy . .		
M51	cons	=====		
M52	mm362	YYCATTCAWW	-	21.6
M52	mm363	YYATTTCAT	V\$POU1F1_Q6	19.8
M52	mm364	YYATTYATT	-	15.4
M52	mm365	YGTC . RTCA	-	13.1
M52	mm366	TCA . TCA	-	13.1
M52	mm367	CATWMATT	-	11.1
M52	mm368	TCAYYCAT	-	9.9
M52	mm369	CCAT . CAT	-	9.7
M52	mm370	TAATTTATK	V\$POU6F1_01	7.8
M52	cons	.bYCATTTCATt		
M52	cons	=====		
M53	mm371	RYTGC . . RG . AAC	V\$MIF1_01	21.3
M53	mm372	RTTG . Y . . S . AAC	-	18.9
M53	mm373	GTT K . AAC	-	15.5
M53	mm374	TTA KTAACY	-	14.1
M53	mm375	RTTGY . . . GCA	-	12.2
M53	mm376	TTAM . . . K . RACC	-	9.5
M53	cons	RTTRCy . rKyAACy		
M53	cons	=====		
M54	mm377	TAAWWATAG	V\$RSRFC4_Q2	21.1
M54	mm378	SKAAAY . TAG	-	15.4
M54	mm379	Y . AAA . YAGC	-	14.4
M54	mm380	TATWWWTAAC	-	12.6
M54	mm381	TAAWAATM	-	10.5
M54	mm382	AATAAT	V\$CDP_01	10.1
M54	cons	sTAAWWATARc		
M54	cons	=====		
M55	mm383	TGGAAA	V\$NFAT_Q4_01	21.1
M55	mm384	GGAAATK	V\$HMGYIY_Q6	13.9
M55	mm385	RGAAACTY	-	13.7
M55	mm386	GGAAAC	V\$NFAT_Q4_01	12.6
M55	mm387	GGAA . STTT	-	10.6
M55	mm388	RGGAAACTK	-	10.2
M55	mm389	Y . ATGGAARC	-	9.6
M55	cons	. . . tGGAAACTt .		
M55	cons	=====		
M56	mm390	GGGTGGRR	V\$PAX4_03	20.9
M56	mm391	GGG . GGGG	V\$MAZR_01	59.1
M56	mm392	GGG . GGAGYY	-	17.2
M56	mm393	GGGTGG	V\$PAX4_03	16.5
M56	mm394	GGG . GKRGT	-	15.6
M56	mm395	GGGYG . . GTC	-	11.7
M56	cons	GGGTGGRGY		
M56	cons	=====		
M57	mm396	ACCTGTTG	-	20.7
M57	mm397	ACCTGTYR	-	22.5
M57	mm398	CAC . TSYTGC	-	15.6
M57	mm399	CYTGTGTC	-	14.3
M57	mm400	ACTTS . TGC	-	13.2

M57	mm401	CACWW . CTGY	-	11.6
M57	mm402	TCAY . TYCTG	-	11
M57	mm403	CACYWRTTG	-	11
M57	mm404	MACCKGTTT	-	10.3
M57	mm405	GTCA . KCCT	-	9.8
M57	mm406	CATYTRTTG	-	8.8
M57	mm407	GCCTGTTKM	-	8.4
M57	cons	. tCACYTSYTGc		
M57	cons	=====		
M58	mm408	YCATTAA	-	20.3
M58	mm409	TCATTA . Y	V\$IPF1_Q4	13
M58	mm410	ATTAAT	-	10.9
M58	mm411	KCAT . AAT	-	10.7
M58	mm412	GCCWTTAM	-	10.4
M58	mm413	CTCATRR	V\$ALPHACP1_01	10.1
M58	mm414	GCCYWTAA	-	10.1
M58	mm415	S . GCCWTTA	-	9.5
M58	mm416	CTC . TTAA	-	8.1
M58	mm417	YCATGAA	-	7.9
M58	cons	. . SYCATTAAt		
M58	cons	=====		
M59	mm418	WCTC . ATGGY	-	19.9
M59	mm419	CATGGC . R	-	22.4
M59	mm420	KCCATGG	-	18.1
M59	mm421	KCTATGGY	-	12.9
M59	mm422	CCGYATGW	-	12.4
M59	mm423	CTCTATRR	-	12.2
M59	cons	hCKCYATGGY . r		
M59	cons	=====		
M60	mm424	TTGTTT	V\$FOXO4_01	19.8
M60	mm425	TTG . TTT	-	12.84
M60	mm426	TGTTTTGR	V\$FAC1_01	11.4
M60	mm427	CTTGTTKW	V\$FOXO4_01	11.3
M60	mm428	M . TTGTTA	-	10.5
M60	mm429	YATRRTTT	V\$SOX5_01	9.6
M60	cons	hmTTGTTTTgr		
M60	cons	=====		
M61	mm430	YTAATTAA	V\$LHX3_01	19.8
M61	mm431	AATTAA	V\$NKX61_01	30.4
M61	mm432	AAT . AAA	-	16.6
M61	mm433	AAT . AAG	-	14.7
M61	mm434	G . AATR . AGT	-	13.9
M61	mm435	CAATTAA	V\$NKX61_01	12.5
M61	mm436	Y . TAAWYAAC	-	11.8
M61	mm437	KMAATWWAGC	-	10.3
M61	mm438	RCTAWTWAAA	-	9.2
M61	mm439	AAT . . AAT	-	8.7
M61	mm440	TAA . MAAG	-	8.5
M61	cons	. bYAATWAARY		
M61	cons	=====		
M62	mm441	SMTTTTGT	-	19.1
M62	mm442	GCTWTTGT	-	17.2
M62	mm443	MTTTTGT	-	15.6
M62	mm444	CCCYWTTGT	-	14
M62	mm445	CCTWTTGT	-	12.4
M62	mm446	TCTWTTGT	-	11
M62	mm447	CGCYWTTGY	-	10.5
M62	mm448	GCC . WTTGTY	-	9.9
M62	mm449	GCTKWYGTC	-	8.8
M62	cons	sSCTWTTGTY		
M62	cons	=====		
M63	mm450	AAGWWR . YGGC	-	19.1
M63	mm451	AACAW . . . GGC	-	11.3
M63	mm452	AAGWW . . Y . GCG	-	9.9
M63	mm453	AACWW GCG	-	9.7

M63	cons	AASWwr.YGGCG		
M63	cons	=====		
M64	mm454	TTA.TCA	-	18.8
M64	mm455	CTTWGTCAy	V\$AP1_Q4	9.4
M64	mm456	RTTMRTCA	-	9.2
M64	cons	rYTTARTCAy		
M64	cons	=====		
M65	mm457	ARGGGTAA	-	18.7
M65	mm458	RRGGTTAA	V\$PXR_Q2	16.6
M65	mm459	RGTTAAA	-	14.2
M65	mm460	R.AGTTAAy	-	10.9
M65	mm461	RAGGTAAW	-	8.9
M65	cons	aRRRGTTAAH		
M65	cons	=====		
M66	mm462	RACT..RTTT.C	-	18.5
M66	cons	RACT..RTTT.C		
M66	cons	=====		
M67	mm463	TGA..YRGCA	V\$TCF11MAFG_01	17.5
M67	mm464	TGACWYRGCA	V\$TCF11MAFG_01	14.1
M67	mm465	RTGA...WGCA	V\$TCF11MAFG_01	12.8
M67	mm466	TTG.Y..R.CAA	-	11
M67	mm467	TTG.YR..GCAR	-	10.2
M67	mm468	TGAY.Y.RCAA	-	9.3
M67	cons	TTGAYdYRGCAA		
M67	cons	=====		
M68	mm469	RGAA..TTC	V\$HSF1_01	17.4
M68	cons	RGAA..TTC		
M68	cons	=====		
M69	mm470	SGCGSSAAA	V\$E2F1DP2_01	17.3
M69	mm471	SGCGCCAWW	V\$E2F_03	12
M69	mm472	GCGYCAAM	V\$E2F1DP1RB_01	9.9
M69	cons	SGCGCCAAA		
M69	cons	=====		
M70	mm473	CGTSACG	V\$PAX3_B	17.2
M70	cons	CGTSACG		
M70	cons	=====		
M71	mm474	SYATTGTG	-	17.1
M71	mm475	YWTTGTGT	-	16.9
M71	mm476	SCATT.TGG	-	16.9
M71	mm477	G.ATTSTGGG	-	14.7
M71	mm478	YWTTGTGC	-	14.5
M71	mm479	CTTYSTGT	-	14.3
M71	mm480	YWTTGTGA	-	11.5
M71	mm481	YYATTGTG	-	10
M71	mm482	SCATG.TGG	-	9.6
M71	mm483	WTTGYGTG	-	7.5
M71	cons	SYWTTGTGKg		
M71	cons	=====		
M72	mm484	TCYRGAA	-	17.1
M72	mm485	TTCM..AAA	-	9.7
M72	cons	TTCHRGAAA		
M72	cons	=====		
M73	mm486	CTTTGA	V\$LEF1_Q2	17
M73	mm487	CCTYTGAyY	-	9.7
M73	mm488	CTTTGAW	V\$TCF4_Q5	9.2
M73	mm489	RCCT.TRATT	-	9.2
M73	cons	rCCTTTGATY		
M73	cons	=====		
M74	mm490	GGAMT....TCCY	-	16.7
M74	mm491	GACK.Y...TCCYR	-	11.3

M74	cons	GGAMK.Y...TCCYR		
M74	cons	=====		
M75	mm492	T.CAT.TCCYR	-	16.5
M75	mm493	YATTTCCCR	V\$STAT1_02	12.2
M75	mm494	TRCAA.TCC.R	-	10.5
M75	cons	TrCAWtTCCYR		
M75	cons	=====		
M76	mm495	CAGGTA	V\$AREB6_01	16.3
M76	mm496	AGGTAA	-	12.8
M76	mm497	YYCAGRATA	-	9.5
M76	cons	yyCAGGTAA		
M76	cons	=====		
M77	mm498	AAAYR.CTG	-	16.3
M77	mm499	AAAYRYTTG	-	14.1
M77	mm500	AAAY.GYTGA	-	10.4
M77	mm501	AAAR.WTTG	-	9.5
M77	cons	AAAYR.YTGa		
M77	cons	=====		
M78	mm502	GCT.WTTGK	-	16.2
M78	mm503	CGC..ATTGG	-	14.3
M78	mm504	CTCWTTGT	-	11.1
M78	mm505	GCG...ATTGKY	-	10.8
M78	mm506	CCT.WTTGK	-	10.5
M78	mm507	GCTSTTRY	-	9
M78	mm508	GCTSA.TGG.Y	-	8.7
M78	cons	.cGCTsWTTGK..		
M78	cons	=====		
M79	mm509	WGGAATGY	V\$TEF1_Q6	16.1
M79	mm510	TGGAATKY	-	15.6
M79	mm511	AGGAATKY	-	14.5
M79	mm512	GGAATTY	-	12.6
M79	mm513	GGACTTY	-	11.9
M79	mm514	SGGACTTYC	V\$NFKB_C	11.8
M79	mm515	GACTTCMY	-	11
M79	mm516	WGGAAYGTG	-	8.7
M79	mm517	GGAWTGT	-	7.9
M79	mm518	WKGAAATTT	-	7.7
M79	cons	WGGAMTKYv.		
M79	cons	=====		
M80	mm519	S.ACA...YSYAGA	-	15.8
M80	mm520	YKACA....CAGA	-	11.5
M80	cons	BKACA...YSYAGA		
M80	cons	=====		
M81	mm521	CGGAAR.GGC.G	-	15.7
M81	cons	CGGAAR.GGC.G		
M81	cons	=====		
M82	mm522	CTGY..CTYTAA	-	15.5
M82	mm523	CTG...YTTTRA	-	15.3
M82	mm524	YTGT..MWTTAA	-	13
M82	cons	CTGY..CTTTAA		
M82	cons	=====		
M83	mm525	TGTTTGY	V\$HNF3_Q6	15.1
M83	mm526	TGTTTGT.Y	V\$HNF3_Q6	11.6
M83	mm527	TGTYKRYTTT	-	10.9
M83	mm528	TGTTTRCTT	V\$FREAC4_01	9.8
M83	mm529	YGTFTGCTY	V\$DBP_Q6	6.9
M83	cons	TGTTTRYTYt		
M83	cons	=====		
M84	mm530	RGTTAMW.ATT	V\$HNF1_01	15
M84	mm531	GTTW.W.ATTAR	-	12
M84	mm532	AGT...Y.RTTAR	-	10

M84	cons	RGTTWmH.ATTAR		
M84	cons	=====		
M85	mm533	STTTTCR.TTT	V\$IRF_Q6	14.9
M85	mm534	RYTTCCK..TTC	-	18.1
M85	mm535	RYTTCY.CTT.Y	-	14.8
M85	mm536	R.TTTC..TTCY	V\$IRF_Q6	13.7
M85	mm537	WTCCKSGTT	-	12.7
M85	mm538	R.TTCC..TTT	-	10.6
M85	mm539	RCTT.YK.TTT	-	10.6
M85	mm540	R.TTC.TYATT	-	9.4
M85	cons	RSTTYCKbTTTy.		
M85	cons	=====		
M86	mm541	GGG..TTTCC	V\$NFKB_Q6_01	14.9
M86	mm542	RGGA.RTTC	V\$NFKB_Q6	11
M86	mm543	GGGR.WT.CCA	V\$NFKAPPAB_01	10.3
M86	mm544	GGAA.TTCM	V\$NFKAPPAB65_01	10.3
M86	mm545	GGA.TTTSC	V\$NFKAPPAB65_01	10.1
M86	mm546	RGAAWYYCCA	-	9.5
M86	cons	GGGAaWTTCCa		
M86	cons	=====		
M87	mm547	RYTGC.WTGG.R	-	14.6
M87	mm548	YTGCY..GGTRW	-	8.6
M87	cons	RYTGCYWTGGTRW		
M87	cons	=====		
M88	mm549	GGC.KCCAT.K	-	14.3
M88	mm550	CGG..RYCAT.K	-	13.7
M88	mm551	CGC.K..GYCAT.K	-	13.5
M88	mm552	GGC..Y.KMCAT	-	9.5
M88	mm553	GCCRM.KYCAT	-	9.3
M88	cons	sGCSGC.KYCAT.K		
M88	cons	=====		
M89	mm554	GTT.YY..GGT.A	-	14.3
M89	mm555	GTT.YY..GGCRR	-	15.2
M89	mm556	GTT.YC...GAG.Y	-	13.2
M89	mm557	GTT.YY..GGARM	-	12.6
M89	cons	GTT.YY..GGHRAy		
M89	cons	=====		
M90	mm558	YAAT.R...Y.ATT	-	14.3
M90	mm559	YAATYR...YAAT	-	13.1
M90	mm560	YTAAT.R..ATTW	V\$CART1_01	9.2
M90	cons	yYAATyR...aYYAWT		
M90	cons	=====		
M91	mm561	GTGGGTGK	-	14.1
M91	cons	GTGGGTGK		
M91	cons	=====		
M92	mm562	TGCTGAY	-	14
M92	mm563	YGCTGACTY	-	13.2
M92	mm564	GCTGACRK	-	13.2
M92	mm565	GTGYTGAW	-	11.2
M92	mm566	RTGCTGAMR	-	11.1
M92	mm567	GGTGCTKA	-	10.3
M92	mm568	TGCWRATT	-	9.8
M92	cons	.gTGCTGAHDb		
M92	cons	=====		
M93	mm569	GGATTA	V\$PITX2_Q2	14
M93	cons	GGATTA		
M93	cons	=====		
M94	mm570	TGATTRY	V\$GFI1_01	13.9
M94	mm571	TGATTA.R	-	12.5
M94	mm572	Y.GTGRTTT	-	11.6
M94	mm573	Y.GTGATT.R	V\$GFI1_01	10.9

M94	mm574	TGATYTAT.R	-	10.1
M94	mm575	GTGATRR	-	10.1
M94	mm576	KATTTAC	V\$FREAC3_01	8.9
M94	cons	y.gTGATTTRY..		
M94	cons	=====		
M95	mm577	GCC...WTAAR	-	13.7
M95	mm578	GCC..TWWAAG	-	15.4
M95	mm579	CCC.WWTAA	-	10.6
M95	cons	GCCc.WWTAAR		
M95	cons	=====		
M96	mm580	YGCA.TGCR	-	13.7
M96	mm581	GCA.TGCRG	-	11.3
M96	mm582	TGCATT.Y	-	7.8
M96	cons	YGCAtTGCRg		
M96	cons	=====		
M97	mm583	YATT.ATC	-	13.7
M97	mm584	TATYGATY	V\$CDP_02	12.2
M97	cons	YATYGATY		
M97	cons	=====		
M98	mm585	GTC.YYATGR	-	13.6
M98	mm586	GTCKCCAT.K	-	12.6
M98	mm587	GGTY.Y.ATG	-	11.6
M98	mm588	RTCTSCATRR	-	9.5
M98	mm589	GTC...TGGYR	-	9.5
M98	mm590	TGTY.SYATGR	-	9.4
M98	cons	kGTCKBYATGRyr		
M98	cons	=====		
M99	mm591	ATCM.TCCGY	-	13.3
M99	mm592	KRTCC.TCCSC	-	11.2
M99	cons	KRTCM.TCCSY		
M99	cons	=====		
M100	mm593	CRGAAR...CGA	-	13.3
M100	cons	CRGAAR...CGA		
M100	cons	=====		
M101	mm594	CTGCAGY	-	13.2
M101	cons	CTGCAGY		
M101	cons	=====		
M102	mm595	ATGGYGGA	-	13.2
M102	cons	ATGGYGGA		
M102	cons	=====		
M103	mm596	ACAW.R.SRCGG	-	13.1
M103	cons	ACAW.R.SRCGG		
M103	cons	=====		
M104	mm597	CCAAT...S...GCG	-	13
M104	cons	CCAAT...S...GCG		
M104	cons	=====		
M105	mm598	ACTWS.ACT.Y	-	13
M105	cons	ACTWS.ACT.Y		
M105	cons	=====		
M106	mm599	CCG.M..T.ACG	-	12.9
M106	cons	CCG.M..T.ACG		
M106	cons	=====		
M107	mm600	RTTT...YTGGM	-	12.8
M107	cons	RTTT...YTGGM		
M107	cons	=====		
M108	mm601	AACWWCAA.K	-	12.7
M108	mm602	MACAACA	V\$FAC1_01	10.1

M108	mm603	GAAY.ACA.Y	-	10
M108	mm604	GAA.KWCAA	-	9.2
M108	cons	GAACDWCAAyk		
M108	cons	=====		
M109	mm605	YGTCCCTTGR	-	12.7
M109	cons	YGTCCCTTGR		
M109	cons	=====		
M110	mm606	MCAAT....GCG	-	12.5
M110	cons	MCAAT....GCG		
M110	cons	=====		
M111	mm607	RACCACAR	V\$AML_Q6	12.3
M111	mm608	AACYR.AAC	-	9.8
M111	cons	RACYRCARC		
M111	cons	=====		
M112	mm609	KTGGYRSGAA	-	12.3
M112	mm610	TTG.YRGGAR	-	12.3
M112	cons	KTGGYRSGAR		
M112	cons	=====		
M113	mm611	AACY...TTCCS	-	12.3
M113	cons	AACY...TTCCS		
M113	cons	=====		
M114	mm612	YTCCCR..AGGY	-	12.2
M114	mm613	TCCMA..WGGC	-	11.7
M114	cons	YTCCMR..WGGY		
M114	cons	=====		
M115	mm614	YRTCA..RCGC	-	12.2
M115	cons	YRTCA..RCGC		
M115	cons	=====		
M116	mm615	KMCAT..WGGA	-	12.2
M116	cons	KMCAT..WGGA		
M116	cons	=====		
M117	mm616	TGTY....RGCARM	-	12.1
M117	mm617	GTC.Y...RGCAMS	-	11.5
M117	mm618	YGTC...GGC	-	9.4
M117	mm619	GTCAY...GCC	-	9.3
M117	mm620	GTCAY...GGC	-	8
M117	cons	yGTCAY..gRSCavv		
M117	cons	=====		
M118	mm621	GGC.R.WCTTYS	-	12
M118	cons	GGC.R.WCTTYS		
M118	cons	=====		
M119	mm622	GGG.RM..YCAT	-	11.9
M119	mm623	GCGY.RCCAT	-	11.5
M119	mm624	CGC..CYATTK	-	10.1
M119	mm625	CGC.G..ATTW	-	9.4
M119	cons	ggGCGC.RCCATTD		
M119	cons	=====		
M120	mm626	KRCTC...MA.AGC	-	11.8
M120	mm627	TCT.WW.AKAGC	-	13.4
M120	mm628	G.CTCY.W..AGAS	-	13
M120	mm629	R.GGC.YT...AGAR	-	11.8
M120	mm630	R.GGCT.Y...AGAS	-	11.8
M120	mm631	KRCTCT...W.AGC	-	11.5
M120	mm632	TCC.MYAAT	-	10.4
M120	mm633	CTC..Y.AAT.R	-	10.1
M120	mm634	RCTC...WMAGA.S	-	9.3
M120	cons	r.KRCTCY..hmkAKAGc		
M120	cons	=====		

M121	mm635	CCAWW.AAGG	V\$SRF_Q4	11.7
M121	mm636	CCAW.WWWGGA	V\$SRF_Q4	11.4
M121	mm637	CAA.MYGGAR	-	9.4
M121	mm638	MCAAT...GAG	-	9.2
M121	mm639	CCTW.WAAG	-	9.1
M121	mm640	Y.AAT.AGG	-	9.04
M121	mm641	GCC.WWWAAG	-	9.02
M121	mm642	SYAAAYRAGG	-	8.7
M121	mm643	YYAAT...GGA	-	8.3
M121	cons	.CYHWAAAGGar		
M121	cons	=====		
M122	mm644	R.TCA..R..Y.ATTW	-	11.7
M122	cons	R.TCA..R..Y.ATTW		
M122	cons	=====		
M123	mm645	GGC..MSMY.TTG	-	11.6
M123	mm646	GGC.....ATTGK	-	10.4
M123	cons	GGC..MSMYATTGK		
M123	cons	=====		
M124	mm647	CCAWY..GAAR	-	11.5
M124	mm648	MCAAT.RGAG	-	16.1
M124	mm649	RCCAAY.GGAR	-	15.4
M124	mm650	YCATW...AAA	-	11.4
M124	mm651	RCCARY.AGA	-	9.9
M124	cons	rCCAWY.RGARr		
M124	cons	=====		
M125	mm652	RAAG.Y..CTTY	-	11.5
M125	cons	RAAG.Y..CTTY		
M125	cons	=====		
M126	mm653	WYAAA..R...GCG	-	11.4
M126	mm654	TYAAA.....CGC	-	15.9
M126	cons	WYAAA..R...CGCG		
M126	cons	=====		
M127	mm655	WWTAAGGC	-	11.3
M127	mm656	M.TTAMGGC	-	9.5
M127	cons	MWWTAMGGC		
M127	cons	=====		
M128	mm657	RYCAC..R..R.CAG	-	11.3
M128	cons	RYCAC..R..R.CAG		
M128	cons	=====		
M129	mm658	RRAGTTGT	-	11.2
M129	mm659	KSGAG.TGTMR	-	11
M129	mm660	AAA.WTGT	-	9.7
M129	mm661	RGGAGTTRW	-	9.4
M129	mm662	R.AAASYTGT.R	-	8.8
M129	cons	rDRRAGTTGTmr		
M129	cons	=====		
M130	mm663	CCC..GGGAR	V\$OLF1_01	11.2
M130	cons	CCC..GGGAR		
M130	cons	=====		
M131	mm664	GATAAGR	V\$GATA_C	11.2
M131	mm665	WGATAAGR	V\$GATA_C	10.3
M131	cons	WGATAAGR		
M131	cons	=====		
M132	mm666	TCCATKW	-	11.1
M132	mm667	GCCTY.RTTT.Y	-	15.7
M132	mm668	RYCTCWRTTT	-	14
M132	mm669	TCCWTGT	-	12
M132	mm670	CTCYATT.W	-	11.1
M132	cons	ryCTCYRTTKWy		
M132	cons	=====		

M133	mm671	RYTAAW...TGAY	-	11.1
M133	cons	RYTAAW...TGAY		
M133	cons	=====		
M134	mm672	CATRRAGC	-	11.1
M134	mm673	W.ATGGMGCC	-	14.1
M134	mm674	CATKG.GCC	-	9.7
M134	cons	wCATGGMGCC		
M134	cons	=====		
M135	mm675	AGCYRWTTTC	-	11.1
M135	cons	AGCYRWTTTC		
M135	cons	=====		
M136	mm676	TAAAY.R..TCC	-	11
M136	mm677	YTAAC.MYTTTC	-	14.3
M136	mm678	TAAKY.....CAGMY	-	12.8
M136	mm679	AAT.....CAGAYR	-	11.8
M136	mm680	TAAAYS.TTC	-	11.2
M136	mm681	TAATKR...CCA	-	11.1
M136	mm682	STAAT.R...CAG	-	11
M136	mm683	AAT.....CAGC.G	-	10.2
M136	cons	bTAAybv.ttCCAGmyr		
M136	cons	=====		
M137	mm684	GAA.Y.YGAC.Y	-	11
M137	cons	GAA.Y.YGAC.Y		
M137	cons	=====		
M138	mm685	MYAAT.....GGC	-	11
M138	cons	MYAAT.....GGC		
M138	cons	=====		
M139	mm686	AAAYWAACM	V\$HFH4_01	11
M139	cons	AAAYWAACM		
M139	cons	=====		
M140	mm687	R.GTGGGC	-	10.9
M140	mm688	TGTGGGYR	-	10.4
M140	mm689	YRCGTGGG	-	9.1
M140	cons	yRYGTGGGYr		
M140	cons	=====		
M141	mm690	TTC.RG...TTC	V\$HSF_Q6	10.9
M141	cons	TTC.RG...TTC		
M141	cons	=====		
M142	mm691	ACAWYAAAG	-	10.9
M142	cons	ACAWYAAAG		
M142	cons	=====		
M143	mm692	CAG.WMC...GAC	-	10.8
M143	mm693	YRGCAM...GAC	-	10.5
M143	mm694	S.ACC..RRACAR	-	10.4
M143	cons	YRGcAMC..rGACar		
M143	cons	=====		
M144	mm695	AAA.WWTGC	-	10.8
M144	mm696	AACWWRGCG	-	11.9
M144	mm697	AAA.WT.GCG	-	11.5
M144	cons	AAAcWWDGCG		
M144	cons	=====		
M145	mm698	YKACATTT	-	10.7
M145	cons	YKACATTT		
M145	cons	=====		
M146	mm699	RRCCGTTA	-	10.5
M146	cons	RRCCGTTA		
M146	cons	=====		

M147	mm700	YAAT.A.R...CAG	-	10.5
M147	mm701	YYAAT.A...CCA	-	10.4
M147	mm702	Y.AATY...RCCA	-	10.3
M147	cons	YYAATyA.r.rCCAg		
M147	cons	=====		
M148	mm703	GATGKMRGCG	-	10.5
M148	cons	GATGKMRGCG		
M148	cons	=====		
M149	mm704	YGAC..YACAR	-	10.4
M149	mm705	TGAC.YMACC	-	9.5
M149	mm706	YGACC.CAC	-	8.1
M149	cons	YGACcyCACMr		
M149	cons	=====		
M150	mm707	YTTCC...GGAMR	-	10.4
M150	cons	YTTCC...GGAMR		
M150	cons	=====		
M151	mm708	RYAAAK.....TTGW	-	10.4
M151	mm709	AAAR...YCWTTG	-	9.2
M151	mm710	AAA...CCAWY	-	9.1
M151	cons	ryAAAD...YCWTTGw		
M151	cons	=====		
M152	mm711	WCAA...YCAG	-	10.3
M152	mm712	YRCAA.YYCCA	-	10.3
M152	cons	YDCAA.YYYCAG		
M152	cons	=====		
M153	mm713	CTGRYYY.ATT	-	10.3
M153	cons	CTGRYYY.ATT		
M153	cons	=====		
M154	mm714	R.CTG.Y.R.CTG.Y	-	10.2
M154	mm715	STGAYWSGCT	-	10.8
M154	mm716	TGAYWRRCTG	-	8.8
M154	cons	r.STGAYWVRCTG.y		
M154	cons	=====		
M155	mm717	WGTT....AAA	-	10.2
M155	mm718	TGTY.R.RYAAA	-	9.9
M155	cons	WGTY.R.RYAAA		
M155	cons	=====		
M156	mm719	YRCCA..G.CGC	-	10.2
M156	cons	YRCCA..G.CGC		
M156	cons	=====		
M157	mm720	KCCG.SWTTT	-	10.2
M157	cons	KCCG.SWTTT		
M157	cons	=====		
M158	mm721	CCC.....AAGWT	-	10.2
M158	cons	CCC.....AAGWT		
M158	cons	=====		
M159	mm722	GGCKCATGS	-	9.9
M159	cons	GGCKCATGS		
M159	cons	=====		
M160	mm723	CAG.YGK.AAA	-	9.9
M160	mm724	YAGCYR.YAGC	-	8.7
M160	cons	YAGCYRKYARM		
M160	cons	=====		
M161	mm725	TTA.W.A.TGGM	-	9.8
M161	mm726	TTA..YRATGS	-	8.9
M161	cons	TTA.WYRATGSM		

M161	cons	=====		
M162	mm727	TAA..YSGCG	-	9.8
M162	cons	TAA..YSGCG		
M162	cons	=====		
M163	mm728	GGAR.TKYCCA	-	9.8
M163	cons	GGAR.TKYCCA		
M163	cons	=====		
M164	mm729	GCGSCM.TTT	-	9.8
M164	cons	GCGSCM.TTT		
M164	cons	=====		
M165	mm730	CCAW.WW...GGC	-	9.8
M165	cons	CCAW.WW...GGC		
M165	cons	=====		
M166	mm731	Y.TTT...A.GCARM	-	9.6
M166	cons	Y.TTT...A.GCARM		
M166	cons	=====		
M167	mm732	CCT.TMAGA	-	9.6
M167	cons	CCT.TMAGA		
M167	cons	=====		
M168	mm733	YTAAY.GCT	-	9.5
M168	cons	YTAAY.GCT		
M168	cons	=====		
M169	mm734	TTT..A.AGCYR	-	9.5
M169	cons	TTT..A.AGCYR		
M169	cons	=====		
M170	mm735	Y.GTT...ATT	-	9.1
M170	cons	Y.GTT...ATT		
M170	cons	=====		
M171	mm736	CTC.A.GTG.Y	-	9.1
M171	cons	CTC.A.GTG.Y		
M171	cons	=====		
M172	mm737	TTGCWCAAY	V\$CEBPB_02	9
M172	cons	TTGCWCAAY		
M172	cons	=====		
M173	mm738	YWATTW..RGCT	-	8.8
M173	mm739	RWTTAYAGCY	-	8.8
M173	mm740	ATT.W.AGC	-	8.6
M173	cons	ywATTWwyAGCY		
M173	cons	=====		
M174	mm741	WTGAAAT	-	8.1
M174	cons	WTGAAAT		
M174	cons	=====		