STER SOURCE	ALT_ID	CONSENSUS	WIDTH SIT	res ev	VALUE SIM_MOTIF
1 MEME	MEME-1	CCASHAGRGGG	11	185421	0.00E+00 MA1930.2 (CTCF)
1 STREME	STREME-1	CCASHAGRGGGCRBY	15	136970	0.00E+00 MA0139.2 (CTCF)
1 JASPAR	CTCF	RCCASYAGRKGGCRS	15	123761	0.00E+00 MA0139.2
1 JASPAR	CTCFL	CAGGGGC	8	107990	0.00E+00 MA1102.3
1 JASPAR	ZNF707	CCCCACTCCTGGTAC	15	35148	0.00E+00 MA1715.1
1 STREME	STREME-8	ACACACCAGAAGAGG	15	3408	5.50E-92 8-ACACACCAGAAGAGG
1 STREME	STREME-22	22-CCACTGGAGGGM	12	2748	2.85E-20 MA0139.2 (CTCF)
1 STREME	STREME-23	23-CACTNGGTGGCA	12	3774	7.28E-20 MA0139.2 (CTCF)
1 STREME	STREME-31	31-CCCTCTTCTGGCCTC	15	739	2.07E-15 MA1969.2 (THRA)
					, ,
1 STREME	STREME-33	33-CCYCTAGRGG	10	7148	2.42E-15 MA0139.2 (CTCF)
1 STREME	STREME-50	50-CAGCAGAGG	9	1146	2.74E-07 MA1593.2 (ZNF317)
2 JASPAR	ZNF175	ACAGGAAGT	9	153970	0.00E+00 MA2332.1
2 JASPAR	ELF1	CAGGAAGTG	9	107803	0.00E+00 MA0473.4
2 JASPAR	Erg	ACAGGAAGTG	10	98333	0.00E+00 MA0474.4
2 JASPAR	Zbtb2	ACCGGAAGTG	10	75891	0.00E+00 MA2340.1
2 JASPAR	GABPA	CACTTCCTGT	10	67557	0.00E+00 MA0062.4
2 JASPAR	Spi1	AAAGAGGAAGTGG	13	63919	0.00E+00 MA0080.7
2 JASPAR	ZBTB11	CACTTCCGG	9	63073	0.00E+00 MA2329.1
2 JASPAR	ZBTB7A	CCGGAAGTG	9	62382	0.00E+00 MA0750.3
2 JASPAR	FOXJ2::ELF1	AAACMGGAAGT	11	37514	0.00E+00 MA1952.2
2 JASPAR	ETV2::FOXI1	AAACAGGAAGY	11	33725	0.00E+00 MA1942.2
2 JASPAR	ETV3	ACCGGAAGT	9	24692	0.00E+00 MA0763.2
2 JASPAR	ETV1	ACAGGAAGT	9	113034	5.30E-248 MA0761.3
2 JASPAR	SPIB	TCACTTCCTCTTT	13	47938	2.85E-215 MA0081.3
2 JASPAR	ETS1	ACCGGAART	9	6911	1.79E-96 MA0098.4
2 JASPAR	ELK1::HOXA1	ACCGGAAGTAATTA	14	4832	6.00E-91 MA1931.1
2 JASPAR	FOXO1::ELF1	RTMAACAGGAAGT	13	6896	1.87E-87 MA1953.2
2 JASPAR		RWMAACAGGAAGT	13	1032	5.45E-84 MA1955.2
2 JASPAR	ETV5::DRGX	MGGAAGYAATTA	12	6771	2.79E-76 MA1944.2
2 JASPAR	ETS2	ACCGGAAGY	9	4939	3.68E-65 MA1484.2
2 JASPAR	ERF::NHLH1	VGCAGCTGCCGGAARY	16	1954	7.28E-60 MA1938.2
2 JASPAR	ETV2	ACCGGAAAT	9	6246	1.94E-57 MA0762.2
2 JASPAR	FOXO1::ELK1	RWMAACAGGAAGT	13	5676	2.82E-56 MA1954.2
2 JASPAR	SPDEF	AMCCGGATGT	10	8117	5.44E-55 MA0686.2
2 JASPAR	FEV	ACCGGAAGT	9	5501	5.21E-46 MA0156.4
2 JASPAR	ELK4	CRCTTCCGG	9	5824	1.31E-41 MA0076.3
2 JASPAR	lkzf3	CAGGAAGTG	9	10180	5.23E-40 MA1992.2
2 JASPAR		ACCGGAAGTHGTAAA	15	1927	2.62E-38 MA1932.2
2 JASPAR		CCGGAAGTSRCGTGA	15	1439	4.53E-31 MA1933.2
2 JASPAR	ETV4	ACCGGAAGT	9	17362	3.23E-30 MA0764.4
2 JASPAR	ELF3	CACTTCCTG	9	7694	1.52E-27 MA0640.3
2 JASPAR	ETV6	SCGGAAGTR	9	17171	1.91E-25 MA0645.2
2 JASPAR	ELF2	AMCCGGAAGT	10	10936	3.98E-25 MA1483.3
2 JASPAR	FLI1	ACCGGAART	9	2919	1.75E-22 MA0475.3
2 JASPAR	FLI1::DRGX	ACCGGAAGTAATTA	14	1727	1.64E-15 MA1949.2
2 JASPAR	ETV5	ACCGGAAGT	9	5848	1.26E-12 MA0765.4
2 JASPAR	HOXB2::ELK1	RCCGGAAGTMRTTA	14	6287	1.23E-11 MA1957.1
2 JASPAR	ERF	ACCGGAAGT	9	4429	2.12E-10 MA0760.2
2 JASPAR	ELK3	ACCGGAAGT	9	3009	7.20E-06 MA0759.3
3 JASPAR	Ptf1A	ACAGATGTT	9	136286	0.00E+00 MA1618.2
3 JASPAR	Neurod2	ACAGATGG	8	123529	0.00E+00 MA0668.3
3 JASPAR	NEUROD1	ACAGATGG	8	123154	0.00E+00 MA1109.2
3 JASPAR	Atoh1	CAGATGG	7	120011	0.00E+00 MA1467.3
3 JASPAR	NEUROG2	CAGATGG	7	118271	0.00E+00 MA1642.2
3 JASPAR	HAND2	CAGATG	6	106601	0.00E+00 MA1638.2
	TWIST1	CCAGATGT	8	78642	0.00E+00 MA1123.3
3 JASPAR			10		0.00E+00 MA0091.2
3 JASPAR	TAL1::TCF3	AMCATCTGKT		22751	
3 JASPAR	DH4 ^	ACACCTGT	8	104015	2.84E-203 MA1620.2
3 JASPAR 3 JASPAR	Ptf1A		8	60417	3.48E-45 MA1619.2
3 JASPAR 3 JASPAR 3 JASPAR	Ptf1A	ACAGCTGT			
3 JASPAR 3 JASPAR		ACAGCTGT GCCACACCCAC	11	23626	0.00E+00 MA1107.3
3 JASPAR 3 JASPAR 3 JASPAR	Ptf1A		11 14	23626 2336	
3 JASPAR 3 JASPAR 3 JASPAR 4 JASPAR	Ptf1A KLF9	GCCACACCCAC			0.00E+00 MA1107.3
3 JASPAR 3 JASPAR 3 JASPAR 4 JASPAR 4 STREME 4 STREME	Ptf1A KLF9 STREME-15 STREME-52	GCCACACCCAC 15-RRGCCMCACCTHCT 52-AGGTGGGGC	14	2336 814	0.00E+00 MA1107.3 1.01E-33 MA1107.3 (KLF9) 8.90E-07 MA0039.5 (KLF4)
3 JASPAR 3 JASPAR 3 JASPAR 4 JASPAR 4 STREME 4 STREME 5 JASPAR	Ptf1A KLF9 STREME-15 STREME-52 ATOH7	GCCACACCCAC 15-RRGCCMCACCTHCT 52-AGGTGGGGC AVCATATGBY	14 9 10	2336 814 90067	0.00E+00 MA1107.3 1.01E-33 MA1107.3 (KLF9) 8.90E-07 MA0039.5 (KLF4) 0.00E+00 MA1468.1
3 JASPAR 3 JASPAR 3 JASPAR 4 JASPAR 4 STREME 4 STREME 5 JASPAR 5 JASPAR	Ptf1A KLF9 STREME-15 STREME-52 ATOH7 Atoh1	GCCACACCCAC 15-RRGCCMCACCTHCT 52-AGGTGGGGC AVCATATGBY RMCATATG	14 9 10 8	2336 814 90067 62827	0.00E+00 MA1107.3 1.01E-33 MA1107.3 (KLF9) 8.90E-07 MA0039.5 (KLF4) 0.00E+00 MA1468.1 0.00E+00 MA0461.3
3 JASPAR 3 JASPAR 3 JASPAR 4 JASPAR 4 STREME 4 STREME 5 JASPAR	Ptf1A KLF9 STREME-15 STREME-52 ATOH7	GCCACACCCAC 15-RRGCCMCACCTHCT 52-AGGTGGGGC AVCATATGBY	14 9 10	2336 814 90067	0.00E+00 MA1107.3 1.01E-33 MA1107.3 (KLF9) 8.90E-07 MA0039.5 (KLF4) 0.00E+00 MA1468.1

5 JASPAR	NEUROG1	RACATATGTY	10	3177	0.00E+00 MA0623.2
5 JASPAR	TCF21	ACCATATGKY	10	2943	0.00E+00 MA1568.2
5 JASPAR	MAX::MYC	ASCACGTGGT	10	2901	0.00E+00 MA0059.2
5 JASPAR	TFAP4	AHCATRTGDT	10	3210	0.00E-02 MA1570.1
5 JASPAR	BHLHA15	ACCATATGGT	10	8830	0.00E-02 MA0607.2
5 JASPAR	OLIG3	AMCATATGBY	10	9345	1.27E-302 MA0827.1
5 JASPAR	Msgn1	RACAAATGGT	10	43699	1.79E-302 MA1524.3
5 JASPAR	BHLHE23	AACATATGBT	10	6998	3.03E-282 MA0817.2
5 JASPAR	OLIG2	AMCATATGKT	10	3265	1.46E-238 MA0678.1
5 JASPAR	MXI1	CACATG	6	6076	3.17E-144 MA1108.3
5 JASPAR	FERD3L	GCRMCAGCTGTYAC	14	7005	6.76E-44 MA1485.1
5 JASPAR	Ascl2	ARCAGCTGCY	10	8409	9.73E-24 MA0816.1
5 JASPAR	MYF6	AACARCTGTT	10	553	9.15E-18 MA0667.1
6 JASPAR	GCM2	ATGCGGGT	8	123132	0.00E+00 MA0767.2
6 JASPAR	GCM1	ATGCGGGTAC	10	105688	0.00E+00 MA0646.2
7 JASPAR	ZNF317	ACAGCAGA	8	80266	0.00E+00 MA1593.2
8 JASPAR	KLF6	CCACGCCCH	9	146476	0.00E+00 MA1517.2
	SP9				0.00E+00 MA1564.2
8 JASPAR		CCACGCCCMC	10	49132	
8 JASPAR	KLF11	CCACGCCCMC	10	46758	0.00E+00 MA1512.2
8 JASPAR	SP8	CCACGCCCMCY	11	42975	0.00E+00 MA0747.2
8 JASPAR	KLF4	CCCCACCC	8	37517	0.00E+00 MA0039.5
8 JASPAR	KLF1	GGGYGGGG	8	23215	0.00E+00 MA0493.3
8 JASPAR	KLF7	GGGCGGG	8	21044	0.00E+00 MA1959.2
8 JASPAR	KLF12	GGGGCGGG	9	19892	0.00E+00 MA0742.2
8 JASPAR	SP3	GCCACGCCCMC	11	19755	0.00E+00 MA0746.3
8 JASPAR	KLF10	GGGGCGGG	9	18432	0.00E+00 MA1511.2
8 JASPAR	KLF2	CCACRCCC	8	17536	0.00E+00 MA1515.2
8 JASPAR	KLF16	GMCACGCCCCC	11	17333	0.00E+00 MA0741.1
8 JASPAR	KLF5	GCCCCDCCCH	10	14622	0.00E+00 MA0599.1
8 JASPAR	KLF3	GRCCRCGCCC	10	13946	0.00E+00 MA1516.2
8 JASPAR	KLF14	KGGGCGGG	9	12569	0.00E+00 MA0740.2
8 JASPAR	SP4	GGGCGGGG	9	10940	0.00E+00 MA0685.2
8 JASPAR	SP2	GGGGCGGG	9	8228	0.00E+00 MA0516.3
8 JASPAR	KLF15	CCCCGCCC	8	8207	0.00E+00.MA4E43.3
		0000000	U	0201	0.00E+00 MA1513.2
8 JASPAR	SP1	GGGGCGGG	9	8101	0.00E+00 MA0079.5
8 JASPAR 8 JASPAR	SP1 PATZ1	GGGGCGGGG SGGGMGGGGS	9 11	8101 5183	0.00E+00 MA0079.5 3.15E-263 MA1961.2
8 JASPAR	SP1	GGGGCGGG	9	8101	0.00E+00 MA0079.5
8 JASPAR 8 JASPAR	SP1 PATZ1	GGGGCGGGG SGGGMGGGGS	9 11	8101 5183	0.00E+00 MA0079.5 3.15E-263 MA1961.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR	SP1 PATZ1 STREME-2	GGGGCGGGG SGGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG	9 11 9 17	8101 5183 19849 3506	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281	GGGGCGGGG SGGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG	9 11 9 17	8101 5183 19849 3506 49857	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG GGCYAAGCCCC	9 11 9 17 10	8101 5183 19849 3506 49857 10002	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281	GGGGCGGGG SGGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG	9 11 9 17	8101 5183 19849 3506 49857	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG GGCYAAGCCCC	9 11 9 17 10	8101 5183 19849 3506 49857 10002	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 STREME	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC	9 11 9 17 10 11 8	8101 5183 19849 3506 49857 10002 35059 468	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417)
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 STREME 8 STREME	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG GCYAAGCCC CCCTCCC 53-AGCGGGCGCAC 57-AGCCCCCGCCCTGC	9 11 9 17 10 11 8 12	8101 5183 19849 3506 49857 10002 35059 468 300	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15)
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 STREME 8 STREME 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCCCCCCCC VCACTTSA	9 11 9 17 10 11 8 12 14	8101 5183 19849 3506 49857 10002 35059 468 300 98585	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 STREME 8 STREME 9 JASPAR 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCTTTTTG GGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCCCCCCCC VCACTTSA CCACTTSA	9 11 9 17 10 11 8 12 14 8 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 STREME 8 STREME 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCCCCCCCC VCACTTSA	9 11 9 17 10 11 8 12 14	8101 5183 19849 3506 49857 10002 35059 468 300 98585	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 STREME 8 STREME 9 JASPAR 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCTTTTTG GGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCCCCCCCC VCACTTSA CCACTTSA	9 11 9 17 10 11 8 12 14 8 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2
8 JASPAR 8 JASPAR 8 STREME 8 JASPAR 8 JASPAR 8 JASPAR 8 JASPAR 8 STREME 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTA	9 11 9 17 10 11 8 12 14 8 8 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGGAGGGG GGCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTA CACTTGA	9 11 9 17 10 11 8 12 14 8 8 8 7	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA
8 JASPAR 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCCCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA	9 11 9 17 10 11 8 12 14 8 8 7 7	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4
8 JASPAR 9 JASPAR 10 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTA CACTTGA AAMCACTTAA RTGCCAAC	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA
8 JASPAR 9 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCCCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA	9 11 9 17 10 11 8 12 14 8 8 7 7	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4
8 JASPAR 9 JASPAR 10 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCTGC VCACTTSA CCACTTSA CCACTTA CACTTGA AAMCACTTAA RTGCCAAC	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCCTCCC 53-AGCGGGCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC SGGGGCGGGG RGCGCGGC RGCCCCGCCTGC RGCCCCCCCCTGC RGCCCCCCCCC	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8 6	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC GGGGCGCGCCGCC TGCCAA GRCCCCCGCCKGYG	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8 6 6	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC4	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC GCCCCGCCKGYG GACCCCCCCCKGYG GACCCCCCCCKGYG GACCCCCCCCCCKG	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8 6 6 14	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC GGGGCGCGCCGCC TGCCAA GRCCCCCGCCKGYG	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8 6 6	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC4	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC GCCCCGCCKGYG GACCCCCCCCKGYG GACCCCCCCCKGYG GACCCCCCCCCCKG	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8 6 6 14	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR 11 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCKGYG GACCCCCGCTGHGM GAGCACYAARGGGGGRA	9 11 9 17 10 11 8 12 14 8 8 7 7 10 8 6 6 14 14 15 17	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0738.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR 11 JASPAR 11 JASPAR 11 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCGCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCKGYG GACCCCCGCTGGMG GACCCCCCGCTGGMG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2 Yy1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCKGYG GACCCCCGCTGHGM GAGCACYAARGGGGGRA GACCCCCCGCRAMG CAAAATGG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 14 14 15 17 14 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA0095.4
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR 11 JASPAR 11 JASPAR 11 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCGCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCKGYG GACCCCCGCTGGMG GACCCCCCGCTGGMG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2 Yy1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCKGYG GACCCCCGCTGHGM GAGCACYAARGGGGGRA GACCCCCCGCRAMG CAAAATGG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 14 14 15 17 14 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA0095.4
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCKGYG GACCCCCGCCTGGM GACCCCCGCCTGGM CAAAATGG CAAAATGG CAARTGGCTGC ACTACAABTCCCAG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17 14 8 13	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA0584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA095.4 0.00E+00 MA0695.4 0.00E+00 MA1573.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCTGGT GACCCCCGCCTGGT GACCCCCGCCTGGT GACCCCCGCCTGC CACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCTGTG GACCCCCGCTGTG CACCCCGCTGTG CACCCCCGCTGTG CACCCCCGCTGTG CACCCCCGCTGTG CACCCCCCGCTGTG CACCCCCCGCTAMG CAAAATGG CAAAATGG CAARATGGCTGCC ACTACAABTCCCAG CTGGGATTTGAACTC	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17 14 8 13 14 15	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 1.52E-26 MA0736.1 0.00E+00 MA095.4 0.00E+00 MA095.4 0.00E+00 MA095.4 0.00E+00 MA095.4 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11)
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3 E2F6	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCTGGG GACCCCCGCTGGGGAC GACCCCCGCCTGG CACTGGAA GRCCCCCGCCTGC CTGCCAA CTGCCAA CTGCCAAC CTGCCAA CTGCCAAC CTGCCAA CTGCCAAC CTGCCAA CTCCCCCGCTGTG CACCCCCGCTGHGM CAAAATGG CAAAATGG CAAAATGG CAARATGGCTGCC ACTACAABTCCCAG CTGGGATTTGAACTC GGCGGGAA	9 11 9 11 17 10 11 8 12 14 8 8 8 7 7 7 10 8 6 6 14 14 15 17 14 8 13 14 15 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579 149790	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA095.4 0.00E+00 MA1651.2 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11) 0.00E+00 MA071.3
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCTGGT GACCCCCGCCTGGT GACCCCCGCCTGGT GACCCCCGCCTGC CACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCTGTG GACCCCCGCTGTG CACCCCGCTGTG CACCCCCGCTGTG CACCCCCGCTGTG CACCCCCGCTGTG CACCCCCCGCTGTG CACCCCCCGCTAMG CAAAATGG CAAAATGG CAARATGGCTGCC ACTACAABTCCCAG CTGGGATTTGAACTC	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17 14 8 13 14 15	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 1.52E-26 MA0736.1 0.00E+00 MA095.4 0.00E+00 MA095.4 0.00E+00 MA095.4 0.00E+00 MA095.4 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11)
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3 E2F6	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCTGGG GACCCCCGCTGGGGAC GACCCCCGCCTGG CACTGGAA GRCCCCCGCCTGC CTGCCAA CTGCCAA CTGCCAAC CTGCCAA CTGCCAAC CTGCCAA CTGCCAAC CTGCCAA CTCCCCCGCTGTG CACCCCCGCTGHGM CAAAATGG CAAAATGG CAAAATGG CAARATGGCTGCC ACTACAABTCCCAG CTGGGATTTGAACTC GGCGGGAA	9 11 9 11 17 10 11 8 12 14 8 8 8 7 7 7 10 8 6 6 14 14 15 17 14 8 13 14 15 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579 149790	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA2003.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA095.4 0.00E+00 MA1651.2 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11) 0.00E+00 MA071.3
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3 E2F6 TFDP1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCTGG GACCCCCGCTGG GACCCCCGCCTGG CAAAATGG CAAAATGG CAARATGGCTGCC ACTACAABTCCCAG CTGGGATTTGAACTC GGCGGGAA SGCGGGAA	9 11 9 17 10 11 8 12 14 8 8 8 7 7 7 10 8 6 6 14 14 15 17 14 8 13 14 15 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579 149790 114503	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA0095.4 0.00E+00 MA1651.2 0.00E+00 MA1651.2 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11) 0.00E+00 MA071.3 6.42E-286 MA1122.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3 E2F6 TFDP1 E2F8 OSR2	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCTTTTTG GGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCKGYG GACCCCCGCCTGG GACCCCCGCCTGG CAAAATGG CAAAATGG CAAAATGG CAAAATGG CTGGGATTTGAACTC GGCGGAA SGCGGGAA TTCCCGCCA ACAGAAGC	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17 14 8 8 13 14 15 8 8 9 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579 149790 114503 88648 52516	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA0095.4 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11) 0.00E+00 MA071.3 6.42E-286 MA1122.2 2.69E-246 MA0865.3 0.00E+00 MA1646.2
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3 E2F6 TFDP1 E2F8 OSR2 SCRT2	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCTGGG GACCCCCGCCTGG CAAAATGG CAAAATGG CAAAATGG CAAAATGG CAACAGAAC CTGGGATTTGAACTC GGCGGGAA SGCGGGAA TTCCCGCCA ACAGAAGC GCAACAGGTG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17 14 8 8 13 14 15 8 8 9 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579 149790 114503 88648 52516 114849	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA0095.4 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11) 0.00E+00 MA071.3 6.42E-286 MA1122.2 2.69E-246 MA0865.3 0.00E+00 MA1646.2 0.00E+00 MA0744.3
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3 E2F6 TFDP1 E2F8 OSR2 SCRT2 SCRT1	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCTTTTTTG GGGGAGGGG GGCYAAGCCCC CCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCAA GRCCCCCGCCTGGG GACCCCCGCCTGGG GACCCCCGCCTGG CTGCAA GCCCCCGCCTGG GACCCCCGCCTGC GACCCCCGCCTGC TGCAA GCCCCCCGCCTGG GACCCCCGCCTGG GACCCCCGCTGGG CAAAATGG CAAAATGG CAAAATGG CAACATTGAACTC GGCGGAA SGCGGGAA TTCCCGCCA ACAGAAGC GCAACAGGTG KCAACAGGTG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17 14 8 8 13 14 15 8 8 9 8 10 10	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579 149790 114503 88648 52516 114849 80616	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0739.2 1.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11) 0.00E+00 MA0771.3 6.42E-286 MA1122.2 2.69E-246 MA0865.3 0.00E+00 MA0744.3 0.00E+00 MA0744.3 0.00E+00 MA0744.3 0.00E+00 MA0743.3
8 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 9 JASPAR 10 JASPAR 10 JASPAR 11 JASPAR	SP1 PATZ1 STREME-2 KLF13 ZNF281 ZNF682 MAZ STREME-53 STREME-57 NKX2-8 NKX2-4 NKX2-3 Nkx3-1 Nkx2-1 Nkx3-2 Hic1 HIC2 NFIX ZIC4 ZIC1 ZIC5 ZNF701 GLIS2 Yy1 ZFP42 Thap11 STREME-3 E2F6 TFDP1 E2F8 OSR2 SCRT2	GGGGCGGGG SGGGMGGGGS GCCMCGCCC TGMCACGCCCCTTTTTG GGGGAGGGG GCYAAGCCCC CCCCTCCC 53-AGCGGGCGCGAC 57-AGCCCCCGCCTGC VCACTTSA CCACTTSA CCACTTRA CCACTTGA AAMCACTTAA RTGCCAAC RTGCCC TGCCAA GRCCCCCGCCTGGG GACCCCCGCCTGG CAAAATGG CAAAATGG CAAAATGG CAAAATGG CAACAGAAC CTGGGATTTGAACTC GGCGGGAA SGCGGGAA TTCCCGCCA ACAGAAGC GCAACAGGTG	9 11 9 17 10 11 8 12 14 8 8 8 7 7 10 8 6 6 14 14 15 17 14 8 8 13 14 15 8 8 9 8	8101 5183 19849 3506 49857 10002 35059 468 300 98585 77805 73098 63934 73116 3096 45961 20879 181106 110930 26639 16032 29936 3635 114129 63400 7823 8579 149790 114503 88648 52516 114849	0.00E+00 MA0079.5 3.15E-263 MA1961.2 1.02E-244 MA1959.2 (KLF7) 1.11E-244 MA0657.2 2.08E-232 MA1630.3 4.94E-195 MA1599.2 4.08E-86 MA1522.2 1.36E-06 MA1727.2 (ZNF417) 3.69E-06 MA1513.2 (KLF15) 0.00E+00 MA0673.2 0.00E+00 MA0673.2 0.00E+00 MA0672.2 0.00E+00 MA0124.3 5.51E-221 MA1994.2 2.63E-41 MA0122.4 0.00E+00 MA0739.2 0.00E+00 MA0739.2 0.00E+00 MA0738.2 3.54E-99 MA0671.2 0.00E+00 MA0751.2 0.00E+00 MA0751.2 0.00E+00 MA0696.1 0.00E+00 MA0696.1 0.00E+00 MA1584.2 2.76E-123 MA1987.2 1.52E-26 MA0736.1 0.00E+00 MA0095.4 0.00E+00 MA1573.2 6.81E-208 MA1573.2 (Thap11) 0.00E+00 MA071.3 6.42E-286 MA1122.2 2.69E-246 MA0865.3 0.00E+00 MA1646.2 0.00E+00 MA0744.3

16 MASPAR						
19 STREME STREME SPECTECOCCACCACCC 12 277 276-08 MARQUE 19 MARQUE 278-08 MARQUE 278-08 MARQUE 278-09 MARQUE 288-09 MARQU	18 JASPAR	KLF17	MCCACGCACCCMTY	14	10870	0.00E+00 MA1514.2
19 JASPAR ZHES GAGATTACHYCA 12 47175 0.00E-00 MATZO2 20 JASPAR CREBI TGATGTCA 8 9070' 0.00E-00 MATZO2 21 JASPAR FOSULUM ATGACGTCAT 10 8939 0.00E-00 MATSO2 22 JASPAR FOSULUM ATGACGTCAT 10 8939 0.00E-00 MATSO2 23 JASPAR FOSULUM RTGACGTCAT 11 69402 0.00E-00 MATSO2 24 JASPAR JUN-JUNB RTGACGTCAT 11 69402 0.00E-00 MATSO2 25 JASPAR JUN-JUNB RTGACGTCAT 11 69402 0.00E-00 MATSO2 26 JASPAR JUN-JUNB RTGACGTCAT 11 69402 0.00E-00 MATSO2 27 JASPAR JUN-JUNB RTGACGTCAT 11 69402 0.00E-00 MATSO2 28 JASPAR TOSULUM RTGACGTCAT 10 6080 0.00E-00 MATSO2 29 JASPAR ATTZ ATGAGGTCAT 10 53757 0.00E-00 MATSO2 20 JASPAR ATTZ ATGAGGTCAT 10 53757 0.00E-00 MATSO2 20 JASPAR ATTZ ATGAGGTCAT 10 53757 0.00E-00 MATSO2 20 JASPAR ATTZ ATGAGGTCAT 10 5490 3.06E-39 MATSO2 20 JASPAR MITIZA AGGTCA 6 13107 5.0EE-105 MATSO2 20 JASPAR MITIZA AGGTCA 6 13107 5.0EE-105 MATSO2 20 JASPAR FOSULUM ATGAGCTCAT 10 2000 2.0EE-20 MATSO2 20 JASPAR FOSULUM ATGAGCTCAT 10 2000 2.0EE-20 MATSO2 20 JASPAR AURI	18 STREME	STREME-4	ATACCCACCCACCCC	15	7210	3.72E-170 MA1514.2 (KLF17)
19 JASPAR ZHES GAGATTACHYCA 12 47175 0.00E-00 MAT720 2 20 JASPAR CREB1 TGATOTCA 8 9070* 0.00E-00 MAT720 2 20 JASPAR FOSULUM ATGACOTCAT 10 88337 0.00E-00 MAT120 1 20 JASPAR FOSULUM ATGACOTCAT 10 88337 0.00E-00 MAT120 1 20 JASPAR FOSULUM ATGACOTCAT 11 69402 0.00E-00 MAT120 1 20 JASPAR FOSULUM ATGACOTCAT 11 69402 0.00E-00 MAT120 1 20 JASPAR FOSULUM ATGACOTCAT 11 69402 0.00E-00 MAT120 1 20 JASPAR JUN-JUNB KRTCACOTCAT 11 69402 0.00E-00 MAT120 1 20 JASPAR JUN-JUNB KRTCACOTCAT 11 69402 0.00E-00 MAT120 2 20 JASPAR JUN-JUNB KRTCACOTCAT 10 6080 0.00E-00 MAT120 2 20 JASPAR JUNB ATGACOTCAT 10 6080 0.00E-00 MAT120 2 20 JASPAR JUNB ATGACOTCAT 10 6080 0.00E-00 MAT120 2 20 JASPAR JUNB ATGACOTCAT 10 6080 0.00E-00 MAT120 2 20 JASPAR JUNB ATGACOTCAT 10 6080 3.00E-00 MAT120 2 20 JASPAR MITH AGOTCA 6 1397 5.00E-00 MAT120 2 20 JASPAR MITH AGOTCA 6 1397 5.00E-00 MAT120 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-00 MAT120 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-00 MAT120 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-00 MAT120 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR ATT ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR ATT ATGACOTCAT 10 200 2.00E-100 MAT131 2 20 JASPAR FOSULUM ATGACOTCAT 10 200 2.00E-100 MAT131 2 2.00E-10	18 STREME	STREME-59	59-CTCCCCCACCCACCC	15	232	7.38F-06. MA0039.5 (KLF4)
20 JASPAR						()
20 JASPAR						
20 JASPAR	20 JASPAR	CREB1	TGATGTCA	8	90707	0.00E+00 MA0018.5
20 JASPAR	20 JASPAR	FOSL1::JUN	ATGACGTCAT	10	80337	0.00E+00 MA1129.1
20 JASPAR	20 JASPAR	FOS::JUN	RTGACGTCAT	10	69536	0.00E+00 MA1126.2
20 JASPAR FOSIZ-JUND GATGACGTCAT 11 64902 200E-90 MA1132 2 2 2 2 2 2 2 2 2						
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20 JASPAR FIGSL_JUND TRACKSTOCAY 10 60860 0.00E+00 MA1452 2 20 JASPAR ATE2 ATCASSTOCAY 10 2757 0.00E+00 MA1452 2 20 JASPAR JUND ATCACGTCAY 11 9042 3.86PAR MA1110.3 3 3 3 3 3 3 3 3 3	20 JASPAR	FOSB::JUN	GATGACGTCAT	11	64902	0.00E+00 MA1127.1
20 JASPAR ATT2	20 JASPAR	JUN::JUNB	KRTGACGTCAT	11	62420	0.00E+00 MA1133.2
20 JASPAR ATT2	20 JASPAR	FOSL2::JUND	RTGACGTCAY	10	60660	0.00E+00 MA1145.2
20 JASPAR						
20. JASPAR N. HIH. AGGTCA						
20 JASPAR NIHH AGOTCA						
20 JASPAR	20 JASPAR	JUNB	ATGACGTCAYC	11	9942	3.80E-198 MA1140.3
20 JASPAR CRES ATTACCTOTAY 10 2762 2.31E-138 MA0860.2 20 JASPAR FORSZ-JUNB ATCACCTOTAY 10 2000 2.08E-129 MA190.2 20 JASPAR JUND RATGABGTOT 11 2245 1.25E-124 MA0482.2 20 JASPAR JUND RATGABGTOT 11 2245 1.25E-124 MA0482.2 20 JASPAR JUND RATGABGTOT 11 2245 1.25E-124 MA0482.2 20 JASPAR ATT RESOLUTION RESOLUTION MATCACTOR 13 1021 1.50E-63 MA1061.2 20 JASPAR SEREPT ATCACTCATCR 13 1021 1.50E-63 MA1061.2 20 JASPAR SEREPT ATCACTCATCR 13 1021 1.50E-63 MA1061.2 20 JASPAR SEREPT ATCACTCATT 10 47880 7.75B-61 MA0682.3 20 JASPAR CEBP ATGACCTCAT 10 3657 1.75E-24 MA0682.3 20 JASPAR CEBP ATGACCTCAT 10 565 4.5E-12 MA0689.3 20 JASPAR CEBP ATGACCTCAT 10 69 5.49E-12 MA0689.3 20 JASPAR CEBP ATGACCCAT 10 69 5.49E-12 MA0689.3 20 JASPAR ATT ATGACCTCAT 10 73 3.8TE-09 MA0683.3 20 JASPAR ATT ATGACCTCAT 10 73 3.8TE-09 MA0683.3 20 JASPAR SEREPT VTOACCCCAY 10 1007 3 3.8TE-09 MA0684.2 20 JASPAR JUP2 ATGACCTCAT 10 73 3.8TE-09 MA0684.2 20 JASPAR JUP2 ATGACCTCAT 10 1007 3 3.8TE-09 MA0686.1 20 JASPAR JUP2 ATGACCTCAT 10 1007 3 3.8TE-09 MA0686.1 21 JASPAR DUXA TAATYMATCA 11 15234 0.00E-09 MA0686.1 22 JASPAR PHOX2A TAATYMATCA 11 15274 1.0E-68 MA0768.2 21 JASPAR PHOX2A TAATYMATCA 11 16174 1.0E-265 MA0686.1 21 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-265 MA0686.1 22 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-265 MA0686.1 22 JASPAR Handt TCCAGACCT 9 111203 9.8SE-162 MA0713.1 21 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-265 MA0681.3 22 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 22 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 23 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 24 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-68 MA0713.1 25 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 26 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 27 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 28 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0681.3 29 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0681.3 20 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0681.3 20 JASPAR HANDT TCCAGACCT 9 10 11000 MA0682 9.2 21 JASPAR HANDT TCCAGACCT 9 10 1000 MA0682 9.2 22 JASPA	20 JASPAR	Nr1H4	AGGTCA	6	13107	6.81E-176 MA1110.3
20 JASPAR CRES ATTACCTOTAY 10 2762 2.31E-138 MA0860.2 20 JASPAR FORSZ-JUNB ATCACCTOTAY 10 2000 2.08E-129 MA190.2 20 JASPAR JUND RATGABGTOT 11 2245 1.25E-124 MA0482.2 20 JASPAR JUND RATGABGTOT 11 2245 1.25E-124 MA0482.2 20 JASPAR JUND RATGABGTOT 11 2245 1.25E-124 MA0482.2 20 JASPAR ATT RESOLUTION RESOLUTION MATCACTOR 13 1021 1.50E-63 MA1061.2 20 JASPAR SEREPT ATCACTCATCR 13 1021 1.50E-63 MA1061.2 20 JASPAR SEREPT ATCACTCATCR 13 1021 1.50E-63 MA1061.2 20 JASPAR SEREPT ATCACTCATT 10 47880 7.75B-61 MA0682.3 20 JASPAR CEBP ATGACCTCAT 10 3657 1.75E-24 MA0682.3 20 JASPAR CEBP ATGACCTCAT 10 565 4.5E-12 MA0689.3 20 JASPAR CEBP ATGACCTCAT 10 69 5.49E-12 MA0689.3 20 JASPAR CEBP ATGACCCAT 10 69 5.49E-12 MA0689.3 20 JASPAR ATT ATGACCTCAT 10 73 3.8TE-09 MA0683.3 20 JASPAR ATT ATGACCTCAT 10 73 3.8TE-09 MA0683.3 20 JASPAR SEREPT VTOACCCCAY 10 1007 3 3.8TE-09 MA0684.2 20 JASPAR JUP2 ATGACCTCAT 10 73 3.8TE-09 MA0684.2 20 JASPAR JUP2 ATGACCTCAT 10 1007 3 3.8TE-09 MA0686.1 20 JASPAR JUP2 ATGACCTCAT 10 1007 3 3.8TE-09 MA0686.1 21 JASPAR DUXA TAATYMATCA 11 15234 0.00E-09 MA0686.1 22 JASPAR PHOX2A TAATYMATCA 11 15274 1.0E-68 MA0768.2 21 JASPAR PHOX2A TAATYMATCA 11 16174 1.0E-265 MA0686.1 21 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-265 MA0686.1 22 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-265 MA0686.1 22 JASPAR Handt TCCAGACCT 9 111203 9.8SE-162 MA0713.1 21 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-265 MA0681.3 22 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 22 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 23 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 24 JASPAR PHOX2B TAATYMATCA 11 16174 1.0E-68 MA0713.1 25 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 26 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 27 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0713.1 28 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0681.3 29 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0681.3 20 JASPAR HANDT TCCAGACCT 9 111203 9.8SE-162 MA0681.3 20 JASPAR HANDT TCCAGACCT 9 10 11000 MA0682 9.2 21 JASPAR HANDT TCCAGACCT 9 10 1000 MA0682 9.2 22 JASPA	20 JASPAR	Nr1H2	AGGTCA	6	10267	3 66F-165 MA1996 2
20 JASPAR FOSIZ-JUNB ATGACGTCAT 10 2960 2.88E-128 MA1199 Z 20 JASPAR JUND RATGAGGTCAT 11 2245 1.25E-124 MA1192 Z 20 JASPAR FOSIZ-JUN RTGACGTA 8 8452 1.25E-124 MA0604 1 20 JASPAR ADI RTGACGTATCR 13 1521 1.50E-65 MA169 1 20 JASPAR FOSIZ-JUND ATGACGTCATCR 13 1521 1.50E-65 MA169 1 20 JASPAR FOSIZ-JUND RTGACGTGAT 10 47850 7.03E-61 MA0689 3 20 JASPAR FOSIZ-JUND RTGACGTCAC 10 69 5.48E-12 MA1636 2 20 JASPAR CEBPG ATGACTCACAT 10 1227 1.06E-60 MA0683 3 20 JASPAR ATFF ATGACTCAT 10 1697 5.48E-12 MA0686 2 20 JASPAR ATFF ATGACTCAT 10 1697 6.11E-60 MA0686 1 20 JASPAR ATFF ATGACTCAT 10 1697 6.11E-60 MA0686 1 21 JASPAR DUM TAAYYAATCA 11						
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20 JASPAR FOSL::JUN RTGACGTAMT 10 3602 224E-100 MA1131 2 20 JASPAR Aff RTGACGTA 8 8432 1 05E-92 MA0604 1 20 JASPAR FOS GATGACGTCATCR 13 1921 1.56E-58 MA1581 2 20 JASPAR FOS GATGACGTCATCR 13 1921 1.56E-58 MA1581 2 20 JASPAR SREBFI ATGACSTGAT 10 47830 7.0SE-81 MA0620 3 20 JASPAR FOSL::JUND RTGACGTMA 9 128100 2.38E-53 MA1141 2.2 20 JASPAR CREM GTGACGTCAC 10 69 5.45E-12 MA1638 2 20 JASPAR CREM GTGACGTCAC 10 69 5.45E-12 MA1638 2 20 JASPAR CREM GTGACCTCAC 10 10 69 5.45E-12 MA1638 2 20 JASPAR ATF4 ATGATGCATAT 10 12277 1.06E-09 MA0609 3 20 JASPAR ATF4 ATGATGCATAT 10 12277 1.06E-09 MA0633 3 20 JASPAR ATF4 ATGATGCATAT 10 12277 1.06E-09 MA0638 3 20 JASPAR ATF4 ATGATGCATAT 10 12277 1.06E-09 MA0638 1 20 JASPAR JDP2 ATGACGTCAC 10 10 73 3.81E-09 MA0638 1 20 JASPAR JDP2 ATGACGTCAC 11 10 1237 3.81E-09 MA0638 1 21 JASPAR DUM TARYYYAATCA 11 15294 0.0E-09 MA0666 1 21 JASPAR DUM TARYYYAATCA 11 14254 0.0E-09 MA0666 1 21 JASPAR DUX TARYYYAATCA 11 14752 1.05E-58 MA0611 3 21 JASPAR PHOX2A TARTYYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR Hand1 TGAGACGCAC 9 111203 9.63E-162 MA0713 1 22 JASPAR HAND1 TARYYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR HAND1 TARYYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR HAND1 TARYYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR HAND1 TARYYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR HAND1 TARYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR HAND1 TARYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR HAND1 TARYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR HAND1 TARYAATTA 11 14752 1.05E-58 MA0611 3 22 JASPAR FETE-FOXI TARACAGGAAR 10 4810 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI TARACAGGAAR 10 4810 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI GTMACAGGAAR 10 4810 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI GTMACAGGAAR 10 980 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI GTMACAGGAAR 10 980 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI GTMACAGGAAR 10 980 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI GTMACAGGAAR 10 980 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI GTMACAGGAAR 10 980 0.06E-00 MA1690 2 23 JASPAR ETVE-FOXI GTMACAGGAAR 10 980 0.06E-00 MA1690 2 24 JASPAR ETVE-FOXI GTMACAGGA	20 JASPAR	FOSL2::JUNB	ATGACGTCAT	10	2960	2.89E-129 MA1139.2
20 JASPAR	20 JASPAR	JUND	RATGABGTCAT	11	2245	1.25E-124 MA0492.2
20 JASPAR	20 JASPAR	FOSL2::JUN	RTGACGTMAT	10	3692	2.24E-100 MA1131.2
20 JASPAR						
20 JASPAR SREBF1 ATCACSTGAT 10 47830 7.03E-81 MA0829 3 20 JASPAR CEBPG ATCACGTAA 9 128109 2.83E-53 MA1143.2 20 JASPAR CEBPG ATCACGCAAT 10 3657 1.75E-24 MA1636.2 20 JASPAR CREM GTCACGTCAC 10 69 5.48E-12 MA0609.3 20 JASPAR ATFA ATCACGCATA 10 1277 10.69.09 20 JASPAR ATFA ATCACGTCAT 10 193 3.81E-09 MA0834.2 20 JASPAR ATFA ATCACGTCAT 10 193 3.81E-09 MA0834.2 20 JASPAR JASPAR JUP2 ATCACGTCAT 10 123 1.27E-08 MA0595.1 21 JASPAR JUP2 ATCACGTCAT 10 123 1.27E-08 MA0596.2 21 JASPAR DUX TACATTATATA 11 14117 1.49E-265 MA0611.3 21 JASPAR PHOX2B TACACACATTAW 12 164-54 1.20E-38 MA0713.1 22 JASPAR HONZB TACACACATTAW 12 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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20 JASPAR CEBPG ATGATGGAAT 10 3857 1.75E.24 MA1638.2 20 JASPAR CREM GTGACGTCAC 10 69 5.48E-12 MA6080.3 20 JASPAR ATF4 ATGATGGAAT 10 12277 1.06E-09 MA0803.3 20 JASPAR ATF4 ATGATGGAAT 10 12277 1.06E-09 MA0803.3 20 JASPAR ATF4 ATGATGGAAT 10 1277 1.06E-09 MA0803.3 20 JASPAR ATF4 ATGATGGAAT 10 10 73 3.81E-09 MA0803.3 20 JASPAR SKEBF1 VTCACCCCAV 10 10 1073 6.11E-09 MA0805.1 20 JASPAR JDP2 ATGATGGTCAV 10 123 1.27E-08 MA0695.1 21 JASPAR JDP2 ATGATGGTCAV 10 123 1.27E-08 MA0695.1 21 JASPAR DJV4 TAAYYYAATCA 11 11 1523 4.00E-100 MA0681.1 21 JASPAR DVA TAAYYYAATCA 11 11 14117 1.49E-205 MA0611.3 21 JASPAR PHOX2A TAATYYAATTA 11 14177 1.49E-205 MA0611.3 21 JASPAR PHOX2B TAATCAAATTAW 12 16564 1.20E-32 MA0611.3 22 JASPAR HAND TOTAGATGAATTAW 12 16564 1.20E-32 MA0611.3 22 JASPAR HAND TOTAGAACTAW 19 29226 0.00E-00 MA0092.2 22 JASPAR HAND TOTAGACCT 9 111203 9.68E-164 1.20E-32 MA0611.3 22 JASPAR EFF.FOXII AAACMGGAAR 10 48140 0.00E-00 MA092.2 23 JASPAR EFF.FOXII AAACMGGAAR 11 20064 0.00E-00 MA1950.2 23 JASPAR ETVS.FOXII GTAAACAGGAWG 12 100553 3.67E-137 MA1940.2 23 JASPAR ETVS.FOXII GTAAACAGGAWG 12 100553 3.67E-137 MA1940.2 23 JASPAR ETVS.FOXII GTAAACAGGAWG 12 100553 3.67E-137 MA1940.2 23 JASPAR EFF.FICACIO GTAAACAGGAAR 10 977 3.88E-111 MA1608.2 23 JASPAR EFF.FICACIO GTAAACAGGAAR 10 977 3.88E-111 MA1608.2 23 JASPAR EFF.FICACIO RTMAACAGGAAR 12 100553 3.67E-137 MA1940.2 23 JASPAR EFF.FICACIO RTMAACAGGAAR 12 2150 2.78E-40 MA1930.2 23 JASPAR EFF.FICACIO RTMAACAGGAARCAGAT 11 978 4.53E-11 MA1608.2 23 JASPAR EFF.FICACIO RTMAACAGGAARCAGAT 15 5396 4.53E-11 MA1608.2 24 JASPAR PLAGL2 GGGCCCCC 8 4724 4.06E-107 MA1548.2 25 JASPAR EFF.FICACIO RTMAACAGGAARCAGATA 13 6178 2.28E-103 MA1548.2 PLAGL2 GGGCCCCC 8 4724 4.06E-107 MA1548.2 25 JASPAR RINNY YTGTG	20 JASPAR	SREBF1	ATCACSTGAT	10	47830	7.03E-81 MA0829.3
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23 JASPAR ERF.:FOXI1 AAACMGGAAR 10 48140 0.00E+00 MA1935.2 23 JASPAR FLI1::FOXI1 TAAACAGGAAR 11 20064 0.00E+00 MA1947.2 23 JASPAR ETV5::FOXI1 GTMAACAGGAWG 12 19053 3.67E-137 MA1946.2 23 JASPAR ETV5::FOXI1 GTAAACAGGAWG 12 19053 3.67E-137 MA1946.2 23 JASPAR IKZF1 AACAGGAA 8 6337 1.95E-114 MA1508.2 23 JASPAR Stal2 GAAACAGAAA 10 977 3.68E-111 MA1603.2 23 JASPAR ERF::FIGLA CCGGAARCASCTG 13 1577 1.72E-58 MA1934.2 23 JASPAR ERF::FIGLA RGGGGAGCCCC 13 1577 1.72E-58 MA1934.2 24 JASPAR ERF::FIGLA RGGGGACCCCC 8 4724 4.08E-107 MA1548.2 24 JASPAR ETVS::FIGLA RGGGGCCCCC 8 4724 4.08E-107 MA1548.2 24 STREME STREME-6 ACAGGGCCCCCAA 13 6178 2.42E-103 MA1548.2 (PLAGL2) 25 JASPAR RUNX3 <td>22 JASPAR</td> <td>Hand1::Tcf3</td> <td>RTCTGGMWT</td> <td>9</td> <td>29226</td> <td>0.00E+00 MA0092.2</td>	22 JASPAR	Hand1::Tcf3	RTCTGGMWT	9	29226	0.00E+00 MA0092.2
23 JASPAR	22 JASPAR	Hand1	TCCAGACCT	9	111203	9.63E-162 MA2123.1
23 JASPAR	23 JASPAR	ERF::FOXI1	AAACMGGAAR	10	48140	0.00E+00 MA1935.2
23 JASPAR ETV5::FOX01 GTMAACAGGA 10 10650 0.00E+00 MA1947.2 23 JASPAR ETV5::FOX11 GTAAACAGGAWG 12 19053 3.67E-137 MA1946.2 23 JASPAR IKZF1 AACAGGAA 8 6337 1.95E-114 MA1508.2 23 JASPAR Statiz GAAACAGAAA 10 977 3.68E-111 MA1508.2 23 JASPAR ERF::FIGLA CCGGARCAGACT 13 1577 1.72E-58 MA1936.2 23 JASPAR ERF::FOXO1 RTMAACAGGAAR 12 2150 2.78E-40 MA1936.2 23 JASPAR ERF::FOXO1 RTMAACAGGAAR 12 2150 2.78E-40 MA1936.2 23 JASPAR ERF::FIGLA RGCGGAARCAGGTG 14 5366 1.74E-27 MA1945.2 24 JASPAR PLAGL2 GGCCCCC 8 4724 4.06E-107 MA1548.2 24 STREME STREME-6 ACAGGCCCCCAA 13 6178 2.42E-103 MA1548.2 (PLAGL2) 25 STREME STREME-26			TAAACAGGAAR	11	20064	0.00E+00.MA1050.2
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29 JASPAR LIN54 TTTRAAT 7 8449 0.00E+00 MA0619.2 30 STREME STREME-5 AAAAAAAAAAAAAA 15 17715 2.77E-106 MA1125.2 (ZNF384) 30 STREME STREME-27 27-AACAAAAAAAAAAAAA 15 5891 7.51E-17 MA1125.2 (ZNF384) 30 JASPAR ZNF384 AAAAAAAAA 8 129120 3.62E-16 MA1125.2 30 STREME STREME-37 37-AATWAAAAAAAAAAAA 15 2944 3.72E-12 MA1125.2 (ZNF384) 30 STREME STREME-60 60-AGAAAAAAACCAATA 15 292 1.48E-05 MA1125.2 (ZNF384) 31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA0526.5 31 JASPAR USF2		-				
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30 STREME STREME-27 27-AACAAAAAAAAAAA 15 5891 7.51E-17 MA1125.2 (ZNF384) 30 JASPAR ZNF384 AAAAAAAA 8 129120 3.62E-16 MA1125.2 30 STREME STREME-37 37-AATWAAAAAAAAAA 15 2944 3.72E-12 MA1125.2 (ZNF384) 30 STREME STREME-60 60-AGAAAAAAACCAATA 15 292 1.48E-05 MA1125.2 (ZNF384) 31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5	29 JASPAR	LIN54	TTTRAAT	7	8449	0.00E+00 MA0619.2
30 STREME STREME-27 27-AACAAAAAAAAAAA 15 5891 7.51E-17 MA1125.2 (ZNF384) 30 JASPAR ZNF384 AAAAAAAA 8 129120 3.62E-16 MA1125.2 30 STREME STREME-37 37-AATWAAAAAAAAAA 15 2944 3.72E-12 MA1125.2 (ZNF384) 30 STREME STREME-60 60-AGAAAAAAACCAATA 15 292 1.48E-05 MA1125.2 (ZNF384) 31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5	30 STREME	STREME-5	AAAAAAAAAAASAA	15	17715	2.77E-106 MA1125.2 (ZNF384)
30 JASPAR ZNF384 AAAAAAAA 8 129120 3.62E-16 MA1125.2 30 STREME STREME-37 37-AATWAAAAAAAAAA 15 2944 3.72E-12 MA1125.2 (ZNF384) 30 STREME STREME-60 60-AGAAAAAAACCAATA 15 292 1.48E-05 MA1125.2 (ZNF384) 31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5						· ,
30 STREME STREME-37 37-AATWAAAAAAAAAA 15 2944 3.72E-12 MA1125.2 (ZNF384) 30 STREME STREME-60 60-AGAAAAAAACCAATA 15 292 1.48E-05 MA1125.2 (ZNF384) 31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5						` '
30 STREME STREME-60 60-AGAAAAAAACCAATA 15 292 1.48E-05 MA1125.2 (ZNF384) 31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5						
31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5	30 STREME	STREME-37	37-AATWAAAAAAAAAA	15	2944	3.72E-12 MA1125.2 (ZNF384)
31 JASPAR FIGLA CACCTG 6 105587 0.00E+00 MA0820.2 31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5	30 STREME	STREME-60	60-AGAAAAAAACCAATA	15	292	1.48E-05 MA1125.2 (ZNF384)
31 JASPAR MLXIPL RTCACGTG 8 53850 0.00E+00 MA0664.2 31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5				6		, ,
31 JASPAR CREB3L4 GCCACGTCAY 10 51155 0.00E+00 MA1474.2 31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5						
31 JASPAR SNAI1 RCAGGTG 7 46068 0.00E+00 MA1558.2 31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5						
31 JASPAR USF2 RTCACGTGAY 10 4885 0.00E+00 MA0526.5	31 JASPAR	CREB3L4	GCCACGTCAY	10	51155	0.00E+00 MA1474.2
	31 JASPAR	SNAI1	RCAGGTG	7	46068	0.00E+00 MA1558.2
	31 JASPAR	USF2	RTCACGTGAY	10	4885	0.00E+00 MA0526.5
0 4017 U.UUE+UU MAU1U4.5						
	31 JASPAK	IVI I CIN	COACGIGG	0	4017	U.UUETUU IVIAUTU4.3

31 JASPAR	MLX	RTCACGTGAT	10	10988	2.34E-252 MA0663.1
31 JASPAR	TFEB	CACGTGAC	8	30951	3.82E-240 MA0692.2
31 JASPAR	TFE3	GTCACGTGAC	10	5054	3.22E-226 MA0831.3
31 JASPAR	MITF	RTCACGTGAY	10	6827	2.67E-203 MA0620.4
31 JASPAR	TFEC	CACGTGAC	8	12007	7.26E-162 MA0871.3
31 JASPAR	MNT	CACGTG	6	49297	7.04E-160 MA0825.2
31 JASPAR	MYC	CCACGTGC	8	77968	5.07E-157 MA0147.4
31 JASPAR	MAX	CACGTG	6	44257	3.05E-148 MA0058.4
31 JASPAR	ZEB1	CACCTG	6	66997	1.81E-145 MA0103.4
31 JASPAR	USF1	GTCATGTGAC	10	8198	1.34E-135 MA0093.4
31 JASPAR	CREB3L1	TGCCACGTCAYCA	13	12496	7.48E-129 MA0839.2
31 JASPAR	TCFL5	KCACGCGC	8	30027	1.87E-126 MA0632.3
31 JASPAR	Npas2	SCACGTGT	8	7339	1.43E-121 MA0626.2
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31 JASPAR	HEY1	GRCACGTGCC	10	24177	3.31E-99 MA0823.1
31 JASPAR	Arntl	GTCACGTG	8	15281	2.21E-98 MA0603.2
31 JASPAR	XBP1	GMCACGTCATC	11	11903	1.75E-86 MA0844.2
31 JASPAR	CLOCK	ACACGTG	7	46454	2.65E-80 MA0819.3
31 JASPAR	HEY2	GRCACGTGY	9	30349	1.26E-56 MA0649.2
31 JASPAR	SREBF2	ATCACGTGAT	10	952	1.48E-55 MA0828.3
31 JASPAR	SOHLH2	GCACGTGC	8	14655	2.87E-26 MA1560.2
31 JASPAR	CREB3	TGCCACGTCAYC	12	5864	4.08E-26 MA0638.2
31 JASPAR	HES5	GRCACGTGYC	10	42092	3.64E-18 MA0821.2
31 JASPAR	ARNT2	GTCACGTG	8	15388	1.42E-15 MA1464.2
31 JASPAR	ARNT::HIF1A	ACGTG	5	28150	3.57E-15 MA0259.2
31 JASPAR	Creb3l2	GCCACGTGD	9	8679	8.86E-14 MA0608.1
31 JASPAR	EPAS1	CGCACGTAS	9	1573	1.88E-07 MA2325.1
32 JASPAR	TCF7	CTTTGAW	7	11611	0.00E+00 MA0769.3
32 JASPAR	Hnf1A	CCTTTGATST	10	11184	0.00E+00 MA1991.2
32 JASPAR	TCF7L1	AAAGATCAAAGG	12	5735	0.00E+00 MA1421.1
32 JASPAR	Lef1	CCTTTGAT	8	132153	9.45E-12 MA0768.3
33 JASPAR	NR4A2	AAAGGTCA	8	89476	0.00E+00 MA0160.3
33 JASPAR	NR4A1	AAAGGTCA	8	73686	0.00E+00 MA1112.3
33 JASPAR	Esrrg	TCAAGGTCA	9	63491	0.00E+00 MA0643.2
33 JASPAR 33 JASPAR			9	63491 53779	
33 JASPAR	Esrrg Nr1h3	TCAAGGTCA AGGKCA	6	53779	0.00E+00 MA0643.2 0.00E+00 MA2337.1
33 JASPAR 33 JASPAR	Esrrg Nr1h3 NR1l3	TCAAGGTCA AGGKCA TGAACTTT	6 8	53779 6518	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2
33 JASPAR 33 JASPAR 33 JASPAR	Esrrg Nr1h3 NR1I3 PPARA::RXRA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA	6 8 17	53779 6518 3146	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2
33 JASPAR 33 JASPAR 33 JASPAR 33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA	6 8 17 7	53779 6518 3146 68091	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2
33 JASPAR 33 JASPAR 33 JASPAR	Esrrg Nr1h3 NR1I3 PPARA::RXRA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA	6 8 17	53779 6518 3146	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2
33 JASPAR 33 JASPAR 33 JASPAR 33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA	6 8 17 7	53779 6518 3146 68091	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2
33 JASPAR 33 JASPAR 33 JASPAR 33 JASPAR 33 JASPAR 33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAAGGTCA TGACCTTGA	6 8 17 7 13	53779 6518 3146 68091 9240 442	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA	6 8 17 7 13 9	53779 6518 3146 68091 9240 442 2209	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA	6 8 17 7 13 9 9	53779 6518 3146 68091 9240 442 2209 13754	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA	6 8 17 7 13 9	53779 6518 3146 68091 9240 442 2209	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA	6 8 17 7 13 9 9	53779 6518 3146 68091 9240 442 2209 13754	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGTTCAAGGTCA AGGTCAAAGGTCA GRGGTCAAAGGTCA	6 8 17 7 13 9 9	53779 6518 3146 68091 9240 442 2209 13754 18963	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGTTCAAGGTCA AGTTCAAGGTCA AAAAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA	6 8 17 7 13 9 9 12 9	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGTTCAAGGTCA AGATCAA AGATCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA	6 8 17 7 13 9 9 12 9 14 17	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGTTCAAGGTCA AGATCAA GRGGTCAAAGGTCA AGAAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA AAGGTCA AAGGTCA AAGGTCA AAGGTCA	6 8 17 7 13 9 9 12 9 14 17 13	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGTTCAAGGTCA AGATCAA AGATCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA	6 8 17 7 13 9 9 12 9 14 17	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2
33 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGTTCAAGGTCA AGATCAA GRGGTCAAAGGTCA AGAAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA AAGGTCA AAGGTCA AAGGTCA AAGGTCA	6 8 17 7 13 9 9 12 9 14 17 13	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGAGTCAA AGGTCAAAGGTCA AGGTCAHSYAAAGGTCA AAGGTCA AAGGTCA RGGTCAAAGGTCA RGGTCAAAGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2
33 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGATCAA GRGTCAAAGGTCA AAAGTCAA GRGTCARAGGTCA AGGTCAHSYAAAGGTCA AAGGTCA RGGTCAA RGGTCA RGGTCA RGGTCA AGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2
33 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGAGTCAAAGGTCA AGAGTCAAAGGTCA AGAGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCA RGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGATCAA GRGTCAAAGGTCA AAAGTCAA GRGTCARAGGTCA AGGTCAHSYAAAGGTCA AAGGTCA RGGTCAA RGGTCA RGGTCA RGGTCA AGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1
33 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGAGTCAAAGGTCA AGAGTCAAAGGTCA AGAGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCA RGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AAAAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA RGGTCA RGGTCAHNNNRRGGTCA RRGGTCAHNNNRRGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGATCAAAGGTCA AGAGTCAA AGAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCATGACCTY RGGTCATGACCTY AWNTRGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGAGTCAA AGAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCAHNNNRRGGTCA RRGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGATCAA GRGGTCAAAGGTCA AGAGTCAA AGGTCAAAGGTCA RGGTCAAAGGTCA RGGTCAAAGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWWAGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1535.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1150.2 1.00E-72 MA0071.1
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGAGTCAA AGAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCAHNNNRRGGTCA RRGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1h4::RXRA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGATCAA GRGGTCAAAGGTCA AGAGTCAA AGGTCAAAGGTCA RGGTCAAAGGTCA RGGTCAAAGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWWAGGTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1535.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1150.2 1.00E-72 MA0071.1
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGATCAAAGGTCA AGAGTCAAAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCATGACCTY RGGTCATGACCTY AWNTRGGTCA AWWTRGGTCA AWWWAGGTCA AGKTCATTGACCY	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 13 17 14 13 10 10 10 13 13	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1535.2 0.00E+00 MA1535.2 0.00E+00 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA BCL11A	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGATCAA GRGGTCAAAGGTCA AGAGTCAA AGAGTCAA GRGGTCARAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCATGACCTY RAGGTCATGACCTY AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGKTCATTGACCY RGGTCRTTGACCY CTGACCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 13 17 14 13 10 10 10 13 13 7	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1535.2 0.00E+00 MA1535.2 0.00E+00 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA147.2 1.27E-19 MA2324.1
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA BCL11A ESR1	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCATGACCTY RGGTCAHNNNRRGGTCA AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AWWTRGGTCA AGKTCATTGACCY CTGACCA RGGTCACSRTGACCT	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 13 17 14 13 10 10 10 13 13 7 15	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA0112.4
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA BCL11A ESR1 ESR2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TCAAGGTCA AGGTCAA AGGTCAA AGGTCAA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCATGACCTY RGGTCAHNNNRRGGTCA RRGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWAGGTCA AWWAGGTCA AGKTCATTGACCY CTGACCA RGGTCACSNTGACCT AGGTCACSNTGACCT AGGTCASVNTGMCCY	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 13 17 14 13 10 10 10 13 13 7 15 15	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 62	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA012.4 4.28E-07 MA0258.2
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA BCL11A ESR1	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTTCAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCATGACCTY RGGTCAHNNNRRGGTCA AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AWWTRGGTCA AGKTCATTGACCY CTGACCA RGGTCACSRTGACCT	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 13 17 14 13 10 10 10 13 13 7 15	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA0112.4
33 JASPAR 34 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA BCL11A ESR1 ESR2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TCAAGGTCA AGGTCAA AGGTCAA AGGTCAA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCATGACCTY RGGTCAHNNNRRGGTCA RRGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWAGGTCA AWWAGGTCA AGKTCATTGACCY CTGACCA RGGTCACSNTGACCT AGGTCACSNTGACCT AGGTCASVNTGMCCY	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 13 17 14 13 10 10 10 13 13 7 15 15	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 62	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA012.4 4.28E-07 MA0258.2
33 JASPAR 34 JASPAR 35 JASPAR 36 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA BCL11A ESR1 ESR2 ZNF184 EGR4	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TCAAGGTCA AGGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAHSYAAAGGTCA RGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCAC AGGTCATGACCTY RGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGGTCATGACCT AGGTCATGACCY CTGACCA RGGTCACCY CTGACCA RGGTCACSVNTGMCCY KAGAAAGDNGMAT MCGCCCACCCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10 10 13 13 7 15 15 13 11	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 44182 112791	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.2 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA012.4 4.28E-07 MA0258.2 0.00E+00 MA2120.1 0.00E+00 MA2120.1 0.00E+00 MA2120.1 0.00E+00 MA2120.1
33 JASPAR 34 JASPAR 35 JASPAR 36 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA BCL11A ESR1 ESR2 ZNF184 EGR4 EGR1	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCATGACCTY RGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCY CTGACCA RGGTCATGACCY CTGACCA RGGTCASVNTGMCCY KAGAAAGDNGMAT MCGCCCACGCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10 10 13 13 7 15 15 13 11 10	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 44182 112791 37863	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.1 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA012.4 4.28E-07 MA0258.2 0.00E+00 MA2120.1 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2
33 JASPAR 34 JASPAR 35 JASPAR 36 JASPAR 36 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA BCL11A ESR1 ESR2 ZNF184 EGR4 EGR1 EGR2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCA AGGTCA AGGTCA RGGTCA RGGTCA RGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCACCTY RGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGGTCATGACCT AGGTCATGACCY CTGACCA RGGTCATGACCY CTGACCA RGGTCACSATGACCT AGGTCASVNTGMCCY KAGAAAGDNGMAT MCGCCCACGCA MCGCCCACGCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10 10 13 13 7 15 15 13 11 10 10 11	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 62 44182 112791 37863 19636	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.1 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA014.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA01258.2 0.00E+00 MA2120.1 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0162.5 3.15E-12 MA0472.2
33 JASPAR 34 JASPAR 35 JASPAR 36 JASPAR 36 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA BCL11A ESR1 ESR2 ZNF184 EGR4 EGR1	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAAAGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCATGACCTY RGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCATGACCY CTGACCA RGGTCATGACCY CTGACCA RGGTCASVNTGMCCY KAGAAAGDNGMAT MCGCCCACGCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10 10 13 13 7 15 15 13 11 10	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 44182 112791 37863	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.1 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA012.4 4.28E-07 MA0258.2 0.00E+00 MA2120.1 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2
33 JASPAR 34 JASPAR 35 JASPAR 36 JASPAR 36 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA BCL11A ESR1 ESR2 ZNF184 EGR4 EGR1 EGR2	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCA AGGTCA AGGTCA RGGTCA RGGTCA RGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCACCTY RGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGGTCATGACCT AGGTCATGACCY CTGACCA RGGTCATGACCY CTGACCA RGGTCACSATGACCT AGGTCASVNTGMCCY KAGAAAGDNGMAT MCGCCCACGCA MCGCCCACGCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10 10 13 13 7 15 15 13 11 10 10 11	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 62 44182 112791 37863 19636	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.1 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA014.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA01258.2 0.00E+00 MA2120.1 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0162.5 3.15E-12 MA0472.2
33 JASPAR 34 JASPAR 35 JASPAR 36 JASPAR 36 JASPAR 36 JASPAR 37 JASPAR 38 STREME	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA BCL11A ESR1 ESR2 ZNF184 EGR4 EGR1 EGR2 Vdr STREME-10	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCA AGGTCA AGGTCA AGGTCA AGGTCA RGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGKTCATTGACCY CTGACCA RGGTCACSNTGACCT AGGTCASVNTGMCCY KAGAAAGDNGMAT MCGCCCACGC MCGCCCACGCA GAGTTCA	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10 10 13 13 7 15 15 15 13 11 10 10 11 7	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 44182 112791 37863 19636 7122 2712	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1535.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.1 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA012.4 4.28E-07 MA0258.2 0.00E+00 MA2120.1 0.00E+00 MA062.5 3.15E-12 MA0472.2 0.00E+00 MA0693.4 8.08E-54 MA0498.3 (MEIS1)
33 JASPAR 34 JASPAR 35 JASPAR 36 JASPAR 36 JASPAR 36 JASPAR 37 JASPAR	Esrrg Nr1h3 NR1l3 PPARA::RXRA NR2F2 Nr2f6 Nr5A2 ESRRA NR5A1 Nr2e1 NR2C2 RARA THRB Ppara NR2C2 NR2C1 RARG RARA::RXRG RXRB RARB RORC RORB RORC RORB RORA NR1H4::RXRA NR4A2::RXRA BCL11A ESR1 ESR2 ZNF184 EGR4 EGR2 Vdr	TCAAGGTCA AGGKCA TGAACTTT AWNTRGGTYAAAGGTCA AAGGTCA RGGTCAAAGGTCA TGACCTTGA TCAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGTCAAAGGTCA AGATCAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCAHSYAAAGGTCA AGGTCA AGGTCA RGGTCA RGGTCA RGGTCA RGGTCA RGGTCA AGGTCATGACCTY RGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCTY RAGGTCATGACCT AWNTRGGTCA AWWTRGGTCA AWWTRGGTCA AGGTCATGACCT AGGTCATGACCT CTGACCA RGGTCACCT AGGTCATGACCT RGGTCATGACCT AGGTCATGACCT AGGTCATGACCT AGGTCACCA AGGTCACCA AGGTCACCA AGGTCACCACCA AGGTCACCACCA AGGTCACCACCA AGGCCCACCA ACGCCCACCA ACGCCCACCA ACGCCCACCA ACGCTCACCACCA ACGCTCACCACCA ACGCTCACCACCA ACGCCCACCCA ACGCCCACCCA ACCTCACCACCA ACCTCACCACCACCA ACCTCACCACCACCA ACCTCACCACCACCACCACCACCACCACCACCACCACCAC	6 8 17 7 13 9 9 12 9 14 17 13 7 6 6 6 13 17 14 13 10 10 10 13 13 17 15 15 15 13 11 10 10 11 7	53779 6518 3146 68091 9240 442 2209 13754 18963 4096 1253 14685 24198 233962 158335 12709 14044 14713 14846 9396 99047 6272 2936 15838 66745 62 62 44182 112791 37863 19636 7122	0.00E+00 MA0643.2 0.00E+00 MA2337.1 0.00E+00 MA1534.2 0.00E+00 MA1148.2 6.20E-279 MA1111.2 1.18E-204 MA0677.2 7.73E-73 MA0505.3 2.45E-44 MA0592.4 2.50E-41 MA1540.3 5.47E-32 MA0676.1 1.82E-23 MA0504.2 1.87E-17 MA0730.1 9.69E-16 MA1574.2 1.48E-11 MA2338.1 0.00E+00 MA1536.2 0.00E+00 MA1536.2 0.00E+00 MA1553.2 9.45E-206 MA1149.2 1.14E-182 MA1555.1 8.21E-143 MA1552.1 2.48E-108 MA1151.2 5.85E-80 MA1150.2 1.00E-72 MA0071.1 1.03E-42 MA1146.2 4.49E-33 MA1147.2 1.27E-19 MA2324.1 4.28E-07 MA01258.2 0.00E+00 MA2120.1 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0733.2 0.00E+00 MA0693.4

40 JASPAR	RFX4	GTTGCYWRGCAAC	13	1352	1.60E-38 MA0799.3
41 STREME	STREME-7	CAMWTCYTCRMCDDM	15	4532	7.38E-99 MA1589.2 (ZNF140)
41 STREME	STREME-30	30-CCACATCCWCGCCAG	15	567	1.70E-15 MA1107.3 (KLF9)
42 JASPAR	GSC2	TAATCC	6	23571	0.00E+00 MA0891.2
42 JASPAR	OTX1	TAATCC	6	19291	0.00E+00 MA0711.2
42 JASPAR	Dmbx1	RWNMGGATTA	10	17611	0.00E+00 MA0883.2
42 JASPAR	PITX3	TAATCC	6	17379	0.00E+00 MA0714.2
42 JASPAR	GSC	TAATCC	6	9926	1.75E-114 MA0648.2
42 JASPAR	OTX2	RGGATTA	7	27512	1.30E-93 MA0712.3
42 JASPAR	Crx	GGATTA	6	32912	6.29E-83 MA0467.3
42 JASPAR	PITX1	TAATCC	6	6124	1.86E-26 MA0682.3
43 JASPAR	Zfp809	WTCCCAGCC	9	5137	0.00E+00 MA2125.1
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44 JASPAR	ASCL1	GCAGCTGC	8	168101	0.00E+00 MA1100.3
44 JASPAR	TCF3	CACCTGC	7	13318	4.42E-217 MA0522.4
44 JASPAR	TFAP4	AWCAGCTGWT	10	18207	6.43E-200 MA0691.1
44 JASPAR	TCF12	CACCTGC	7	11988	5.79E-172 MA1648.2
44 JASPAR	MSC	AACAGCTGTT	10	12698	4.30E-153 MA0665.1
44 JASPAR	Tcf12	CAGCTG	6	51494	7.16E-116 MA0521.3
44 JASPAR	SNAI3	RCAGGTGYA	9	24871	1.40E-112 MA1559.2
44 JASPAR	NHLH2	GGNCGCAGCTGCGYCC	16	635	8.79E-54 MA1529.2
44 JASPAR	TGIF2LY	TGACAGCTGTCA	12	1183	2.92E-31 MA1572.1
44 JASPAR	TFAP4::ETV1	SCGGAAGCAGSTG	13	1806	4.33E-26 MA1966.2
44 JASPAR	ASCL1	GCACCTGCY	9	22975	1.17E-24 MA1631.2
44 JASPAR	Tcf21	AACAGCTGTT	10	2994	3.77E-21 MA0832.2
44 JASPAR	TGIF2LX	TGACAGCTGTCA	12	1257	6.27E-20 MA1571.1
44 JASPAR	MYB	CAACTG	6	38987	1.57E-18 MA0100.4
44 JASPAR	TCF4	GCACCTGC	8	34287	1.54E-13 MA0830.3
45 JASPAR	ZNF524	CTCGRACCC	9	11815	0.00E+00 MA2096.1
46 JASPAR	ZNF667	TTAAGAGCTCA	11	15954	0.00E+00 MA1984.2
47 JASPAR	Zic3	CAGCAGG	7	195963	0.00E+00 MA0697.3
47 JASPAR	Zic1::Zic2	CAGCAGG	7	17045	0.00E+00 MA1628.2
47 JASPAR	Zic2	CACAGCAGG	9	48570	4.18E-240 MA1629.2
48 JASPAR	ZBTB12	CTRGAAC	7	134443	0.00E+00 MA1649.2
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49 JASPAR	MZF1	AATCCCCA	8	77770	0.00E+00 MA0056.3
50 STREME	MZF1 STREME-12	12-AGGATCMAGY	8 10	77770 3521	3.23E-49 MA1581.2 (ZBTB6)
50 STREME	STREME-12	12-AGGATCMAGY	10	3521	3.23E-49 MA1581.2 (ZBTB6)
50 STREME 51 STREME	STREME-12 STREME-11	12-AGGATCMAGY 11-AGTAGACGGCAGG	10 13	3521 2120	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG
50 STREME 51 STREME 52 STREME	STREME-12 STREME-11 STREME-9	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC	10 13 15	3521 2120 2021	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5)
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCC	10 13 15 6 15	3521 2120 2021 44789 2299	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281)
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCC 54-CCCCCCCCCCCCCCCC	10 13 15 6 15	3521 2120 2021 44789 2299 1273	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740)
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 52 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCC 54-CCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14	3521 2120 2021 44789 2299 1273 11068	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281)
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 52 STREME 53 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCC 54-CCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13	3521 2120 2021 44789 2299 1273 11068 5634	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa)
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCC 54-CCCCCCCCCCCCCC 56-CCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9	3521 2120 2021 44789 2299 1273 11068 5634 369	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58 STREME-14	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9	3521 2120 2021 44789 2299 1273 11068 5634 369 2334	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCC 54-CCCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9	3521 2120 2021 44789 2299 1273 11068 5634 369	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58 STREME-14	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9	3521 2120 2021 44789 2299 1273 11068 5634 369 2334	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 55 STREME 56 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58 STREME-14 ZNF549	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCC 54-CCCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 55 STREME 56 JASPAR 57 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 55 STREME 56 JASPAR 57 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCC 54-CCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1587.1 1.14E-31 MA1596.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 58 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCC 54-CCCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 58 JASPAR 59 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCC 54-CCCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA2126.1 6.40E-174 MA1727.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 58 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCC 54-CCCCCCCCCCCCCCC 56-CCCCCCCCCCCCC 13-GGYACTGCA 58-AGCTCCAAAC 14-AGTTCTTTATA TGCTGCCC CCTCGACCTCCYRR GCCTCMGCCTCCCRAG RTGCAATMCC GGGCGCCA TTATGCAAC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA2126.1 6.40E-174 MA1727.2 0.00E+00 MA0043.4
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 58 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCC 54-CCCCCCCCCCCCC 56-CCCCCCCCCCCCC 13-GGYACTGCA 58-AGCTCCAAAC 14-AGTTCTTTATA TGCTGCCC CCTCGACCTCCYRR GCCTCMGCCTCCCRAG RTGCAATMCC GGGCGCA TTATGCAAC TTATGYAAT	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA2126.1 6.40E-174 MA1727.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 58 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NF1L3 TEF	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTCCCTCCCTCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 1.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 58 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTCCCTCCCTCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCC 54-CCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.10E-174 MA1727.2 0.10E-174 MA1727.2 0.10E-175 MA0192.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 58 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTCCCTCCCTCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCC 54-CCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 1.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.10E-174 MA1727.2 0.10E-174 MA1727.2 0.10E-175 MA0192.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPD	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCC 54-CCCCCCCCCCCCC 56-CCCCCCCCCCCCC 13-GGYACTGCA 58-AGCTCCAAAC 14-AGTTCTTTATA TGCTGCCC CCTCGACCTCCCRAG RTGCAATMCC GGCGCCA TTATGCAAC TTATGYAAT RTTACCTAAY ATTGCACAA TTGCACAA TTGCACAA TTGCACAA TTGCACAA TTGCACAA TTGCACAA TTGCACAA TTGCACAA TTGCACAA	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 8 8 7	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA0126.1 6.40E-174 MA1727.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-55 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPG	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCC 54-CCCCCCCCCCCCCC 56-CCCCCCCCCCCCC 13-GGYACTGCA 58-AGCTCCAAAC 14-AGTTCTTTATA TGCTGCCC CCTCGACCTCCCRAG RTGCAATMCC GGCGCCA TTATGCAAC TTATGCAAC TTATGCAAC ATTACCTAAY ATTGCACAA ATTRCCACAA ATTRCCACAA ATTRCCCAAC ATTACCACAA ATTRCCACAAC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 10 10 10 8 7 9 10 10 10 10 10 8	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 10.00E+00 MA019.2 0.00E+00 MA019.2 0.00E-174 MA1727.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 59 JASPAR 60 JASPAR 61 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-55 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPG POU3F2	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTCCCTCCCTCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 10 10 10 8 7 10 10 10 10 10 10 10 10 10 11	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA2126.1 6.40E-174 MA1727.2 0.00E+00 MA0043.4 3.50E-229 MA0043.4 3.50E-229 MA0083.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU3F1	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCC 54-CCCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU5F1B	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCC 54-CCCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 8 7 9 9 10 10 10 10 9	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA0019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0792.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU2F1	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCC 54-CCCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 10 10 10 10 10 9 9	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885 22394	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2 1.96E-150 MA0792.1 4.68E-115 MA0785.2
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU2F1 POU5F11::Sox2	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCC 54-CCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 8 7 9 9 10 10 10 10 10 9 9 15	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885 22394 4928	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2 1.96E-150 MA0792.1 4.68E-115 MA0785.2 1.28E-112 MA0142.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-56 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU2F1 POU5F11:Sox2 POU2F2	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 8 7 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885 22394 4928 1811	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2 1.96E-150 MA0792.1 4.68E-115 MA0785.2 1.28E-112 MA0142.1 5.82E-97 MA0507.3
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-56 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU2F1 POU5F11:Sox2 POU2F2	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCC 54-CCCCCCCCCCCCC 54-CCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 8 7 9 9 10 10 10 10 10 9 9 15	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885 22394 4928	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA019.2 0.00E+00 MA019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2 1.96E-150 MA0792.1 4.68E-115 MA0785.2 1.28E-112 MA0142.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-56 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU2F1 POU5F11:Sox2 POU2F2	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 8 7 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885 22394 4928 1811	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2 1.96E-150 MA0792.1 4.68E-115 MA0785.2 1.28E-112 MA0142.1 5.82E-97 MA0507.3
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU2F1 Pou5f1::SOx2 POU2F2 POU2F1::SOX2	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 8 10 10 10 10 10 10 10 10 10 10 10 10 10	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885 22394 4928 1811 5872	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA0019.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2 1.96E-150 MA0792.1 4.68E-115 MA0785.2 1.28E-91 MA0507.3 1.20E-90 MA1962.1
50 STREME 51 STREME 52 STREME 52 JASPAR 52 STREME 52 STREME 52 STREME 53 STREME 54 STREME 55 STREME 56 JASPAR 57 JASPAR 57 JASPAR 59 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 60 JASPAR 61 JASPAR	STREME-12 STREME-11 STREME-9 SP5 STREME-20 STREME-54 STREME-56 STREME-58 STREME-13 STREME-58 STREME-14 ZNF549 ZNF135 ZNF460 Ddit3::Cebpa Zfp961 ZNF417 HLF NFIL3 TEF DBP CEBPA CEBPA CEBPD CEBPG POU3F2 POU2F3 POU2F1 POU5F1B POU2F1 POU5F1::SOX2 POU2F2 POU2F1::SOX2 POU3F4	12-AGGATCMAGY 11-AGTAGACGGCAGG CTCCCTCCCTCCCTC CCTCCC 20-CCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10 13 15 6 15 14 13 9 10 11 8 14 16 10 8 7 9 9 10 10 10 10 10 10 10 10 10 9 9 15 13 17	3521 2120 2021 44789 2299 1273 11068 5634 369 2334 24263 8084 8380 60460 111769 42965 4121 4358 3310 3671 2622 7897 7859 21898 10508 24686 24885 22394 4928 1811 5872	3.23E-49 MA1581.2 (ZBTB6) 8.01E-52 11-AGTAGACGGCAGG 8.49E-56 MA1965.2 (SP5) 6.30E-45 MA1965.2 (SP5) 8.67E-21 MA1630.3 (ZNF281) 1.41E-06 MA0753.3 (ZNF740) 1.94E-06 MA1630.3 (ZNF281) 1.02E-47 MA0019.2 (Ddit3::Cebpa) 3.81E-06 58-AGCTCCAAAC 1.31E-42 14-AGTTCTTTATA 0.00E+00 MA1728.2 0.00E+00 MA1587.1 1.14E-31 MA1596.1 0.00E+00 MA0019.2 0.00E+00 MA0019.2 0.00E+00 MA02126.1 6.40E-174 MA1727.2 0.00E+00 MA0043.4 3.50E-229 MA0025.3 1.74E-138 MA0843.2 8.71E-86 MA0639.2 6.06E-72 MA0102.5 2.31E-39 MA0836.3 1.19E-10 MA0838.1 0.00E+00 MA0787.1 7.31E-267 MA0627.3 1.84E-230 MA0786.2 1.96E-150 MA0792.1 4.68E-115 MA0785.2 1.28E-112 MA0142.1 5.82E-97 MA0507.3 1.20E-90 MA1962.1 3.25E-86 MA0789.1

62 JASPAR	HNF4G	CAAAGTCCA	9	11062	2.24E-178 MA0484.3
63 JASPAR	PAX6	TTCACGCWTSANTK	14	3067	0.00E-02 MA0069.1
63 JASPAR	PAX2	BCAVTSRAGCGTGACG	16	280	1.77E-08 MA0067.3
64 STREME	STREME-16	16-TCAACGAATTAGAA	14	1439	8.66E-32 16-TCAACGAATTAGAA
65 STREME	STREME-48	48-TCCCTTGTCGAAAA	14	302	9.32E-08 48-TCCCTTGTCGAAAA
66 JASPAR	Tbx6	RGGTGTGAA	9	62411	1.12E-283 MA1567.3
66 JASPAR	TBX2	AGGTGTGAA	9	4432	1.74E-272 MA0688.2
66 JASPAR	TBX15	AGGTGTGA	8	17518	2.07E-253 MA0803.1
66 JASPAR	TBX18	AGGTGTGAA	9	63779	1.06E-242 MA1565.2
66 JASPAR	TBX21	TTCACACCTT	10	19389	1.34E-242 MA0690.3
66 JASPAR	TBX5	AGGTGTKA	8	10777	1.08E-223 MA0807.1
66 JASPAR	TBX3	AGGTGTGAA	9	5616	7.69E-181 MA1566.3
66 JASPAR	TBR1	AGGTGTGAA	9	1139	4.97E-139 MA0802.2
66 JASPAR	TBX1	AGGTGTGA	8	34435	1.32E-129 MA0805.1
66 JASPAR	EOMES	AGGTGTGAA	9	1172	
					4.19E-128 MA0800.2
66 JASPAR	TBX4	AGGTGTGA	8	36240	2.40E-93 MA0806.1
66 JASPAR	MGA	AGGTGTGA	8	79918	1.66E-83 MA0801.1
66 JASPAR	TBXT	TCACACMTAKGTGTGA	16	4247	1.29E-72 MA0009.2
66 JASPAR	MGA::EVX1	RGGTGWTAATK	11	2280	8.43E-50 MA1960.2
66 JASPAR	TBX19	TMRCACMTAGGTGTGAA	17	3641	8.42E-48 MA0804.2
66 JASPAR	TBX20	WAGGTGTGAAR	11	8903	2.23E-27 MA0689.1
67 STREME	STREME-18	18-CACCCGMAAR	10	1165	2.48E-26 MA0641.1 (ELF4)
68 JASPAR	TFAP2A	TGCCCYSRGGGCA	13	16469	1.20E-277 MA0872.1
68 JASPAR	TFAP2B	TGCCCYBRGGGCA	13	14004	3.49E-226 MA0813.1
68 JASPAR	TFAP2C	TGCCCYSRGGGCA	13	13476	8.91E-203 MA0815.1
69 STREME	STREME-19	19-TAGAGGGCACAGGGA	15	920	4.67E-25 MA2337.1 (Nr1h3)
70 JASPAR	POU6F2	ASCTMATTA	9	4297	4.56E-262 MA0793.2
70 JASPAR	PAX4	CTAATTAG	8	2280	4.61E-193 MA0068.2
70 JASPAR	GSX2	SYMATTA	7	2358	
					1.40E-184 MA0893.3
70 JASPAR	LMX1B	TTAATTAA	8	2340	3.48E-176 MA0703.3
70 JASPAR	VSX1	YTAATTA	7	2326	1.84E-170 MA0725.2
70 JASPAR	MEOX1	STAATTA	7	2404	1.86E-169 MA0661.2
70 JASPAR	VSX2	СТААТТА	7	2333	2.46E-169 MA0726.2
70 JASPAR	Isl1	CCATTAG	7	82501	4.79E-148 MA1608.2
70 JASPAR	MEOX2	STAATTA	7	2444	2.35E-144 MA0706.2
70 JASPAR	Lhx1	GCTAATTAGC	10	1087	1.61E-135 MA1518.3
70 JASPAR	BARX2	WAAYMATTA	9	2333	2.19E-133 MA1471.2
70 JASPAR	ARGFX	CTAATTAR	8	1011	5.40E-94 MA1463.2
70 JASPAR	mix-a	TTAATTA	7	2988	5.38E-90 MA0621.2
70 JASPAR	POU6F1	TAATGAG	7	8418	1.06E-88 MA1549.2
70 JASPAR	LHX6	CTAATTAR	8	2319	2.36E-75 MA0658.2
70 JASPAR	PRRX2	CTAATTA	7	2342	6.61E-67 MA0075.4
70 JASPAR	NOTO	YTAATTA	7	2532	7.02E-61 MA0710.2
70 JASPAR	VAX1	YTAATTA	7	2633	2.35E-56 MA0722.2
70 JASPAR	EVX1	TAATTA	6	6743	2.76E-56 MA0887.2
70 JASPAR	EVX2	TAATTA	6	6753	6.91E-54 MA0888.2
70 JASPAR	GBX1	CYAATTA	7	4996	2.86E-50 MA0889.2
70 JASPAR	DRGX	YAATTA	6	2836	4.50E-48 MA1481.2
70 JASPAR	NKX6-2	YMATTA	6	4881	8.74E-47 MA0675.2
70 JASPAR	LMX1A	TTAATTA	7	2571	6.95E-46 MA0702.3
70 JASPAR	GSX1	YMATTA	6	4748	5.36E-45 MA0892.2
70 JASPAR	HOXD4	TMATTA	6	15102	2.65E-39 MA1507.2
70 JASPAR	TLX2	YAATTA	6	2867	1.04E-38 MA1577.2
70 JASPAR	GBX2	YAATTA	6	4822	4.01E-37 MA0890.2
70 JASPAR	POU6F1	TAATTA	6	9502	1.40E-35 MA0628.2
70 JASPAR	RAX	YAATTA	6	3128	1.25E-34 MA0718.2
70 JASPAR	UNCX	YAATTA	6	2879	2.98E-34 MA0721.2
70 JASPAR	BSX	YVATTA	6	6419	4.13E-33 MA0876.2
70 JASPAR	VAX2	YAATTA	6	18639	7.45E-32 MA0723.3
70 JASPAR	PRRX1	YAATTA	6	2892	2.42E-31 MA0716.2
70 JASPAR	HOXB3	YMATTA	6	5537	2.84E-31 MA0903.2
70 JASPAR	ALX3	YAATTA	6	2892	2.93E-31 MA0634.2
70 JASPAR	Shox2	YAATTA	6	2933	7.66E-30 MA0720.2
70 JASPAR	MIXL1	YAATTA	6	2896	1.69E-29 MA0662.2
70 JASPAR	HOXC4	TMATTA	6	15848	1.58E-28 MA1504.2
70 JASPAR	BARX1	CMATTA	6	15609	2.60E-28 MA0875.2
70 JASPAR	HOXD3	CTAATTAC	8	10323	1.76E-25 MA0912.2

70 JASPAR	LHX9	CYAATTA	7	17911	2.24E-24 MA0701.3
70 JASPAR	EN2	SYAATTA	7	12181	2.64E-24 MA0642.3
70 JASPAR	HOXA7	YMATTA	6	3699	6.62E-22 MA1498.3
70 JASPAR	HOXB1	STAATTA	7	5566	3.50E-20 MA2093.1
70 JASPAR	DLX6	YAATTA	6	5553	1.99E-14 MA0882.2
70 JASPAR	SHOX	TAATTR	6	5284	1.56E-11 MA0630.2
70 JASPAR	HOXA2	TAATTA	6	11508	2.86E-11 MA0900.3
70 JASPAR	HOXA4	RTMATTA	7	6500	6.39E-10 MA1496.2
70 JASPAR	Arx	CRYTAATTAR	10	3834	2.86E-09 MA0874.2
70 JASPAR	HOXB6	TAATKRC	7	17594	1.01E-08 MA1500.2
70 JASPAR	HOXA5	GYMATTAS	8	7342	3.16E-08 MA0158.2
70 JASPAR	HOXB5	TAATTA	6	12602	3.84E-06 MA0904.3
71 JASPAR	RARA::RXRA	RGKTCANVGRSAGGTCA	17	7848	1.61E-260 MA0159.1
71 JASPAR 71 JASPAR		RGGGCARAGGKCA	13	3418	5.92E-217 MA0065.3
	Pparg::Rxra				
71 JASPAR	THRB	TGACCTBRNYVAGGTCA	17	832	5.53E-14 MA1575.2
72 JASPAR	NR6A1	CAAGKTCAAGKTCA	14	1369	2.34E-248 MA1541.2
73 JASPAR	ZNF530	GMARGGMRAGGGGC	14	30063	6.62E-239 MA1981.2
74 JASPAR	ZNF354C	MTCCAC	6	16373	1.37E-236 MA0130.1
75 JASPAR	RHOXF1	TRATCC	6	13730	3.88E-228 MA0719.2
76 JASPAR	ZNF680	CCAAGAAGAAT	11	2340	7.80E-228 MA1729.2
77 STREME	STREME-17	17-GCAATCKGCARAT	13	1193	1.13E-26 17-GCAATCKGCARAT
78 JASPAR	Plagl1	TGGGCCA	8	109789	4.02E-217 MA1615.2
79 JASPAR	Gmeb1	KACGTM	6	105504	1.54E-216 MA0615.2
80 JASPAR	PGR	ACANNNTGT	9	46238	1.51E-207 MA2327.1
81 JASPAR	ZBED2	CGAAACC	7	22375	7.99E-207 MA1971.2
82 STREME	STREME-32	32-AGGTGTGTKGG	11	1166	2.33E-15 MA0803.1 (TBX15)
83 STREME	STREME-21	21-CACGACAAAAC	11	903	1.12E-20 21-CACGACAAAC
84 JASPAR	THAP1	GCAGGGCA	8	36819	2.72E-202 MA0597.3
85 JASPAR	MYBL2	RRCCGTTAAACBGYY	15	2267	5.76E-195 MA0777.1
			12		
85 JASPAR	MYBL1	ACCGTTAACSGY		2959	1.04E-190 MA0776.1
86 JASPAR	ZNF677	RATAAGAACAGC	12	56391	1.06E-192 MA2101.1
87 JASPAR	MEIS1	TGACA	5	122495	2.50E-186 MA0498.3
87 JASPAR	MEIS3	DTGACAG	7	13381	3.35E-22 MA0775.2
88 JASPAR	ZNF274	TRTGAGTTCTCG	12	2058	9.88E-184 MA1592.2
89 JASPAR	Prdm5	GTTCTCCATCT	11	2647	1.85E-181 MA1999.2
90 STREME	STREME-28	28-CCCATAATCAGCWTC	15	826	1.28E-16 MA0752.2 (ZNF410)
91 JASPAR	ZNF684	ACAGTCCACCCCTT	14	969	9.66E-57 MA1600.2
91 STREME	STREME-34	34-AAGGGCTGGAT	11	890	1.40E-14 MA1600.2 (ZNF684)
92 JASPAR	GATA4	CCTTATCT	8	63783	3.22E-178 MA0482.3
92 JASPAR	GATA1	CTAATCT	7	6120	5.79E-41 MA0035.5
92 JASPAR	Gata3	TCTTATCT	8	326	2.15E-25 MA0037.5
92 JASPAR	GATA6	TCTTATCT	8	329	1.11E-24 MA1104.3
92 JASPAR	TRPS1	TCTTATCT	8	337	2.04E-21 MA1970.2
92 JASPAR	GATA5	WGATAASR	8	2198	1.07E-17 MA0766.3
92 JASPAR	GATA2	CTTATCT	7	753	3.37E-12 MA0036.4
93 JASPAR	ZBTB6	SCTTGAGCC	9	1551	1.16E-176 MA1581.2
94 JASPAR	HOXD12	RGTCGTAAAA	10	2268	1.76E-176 MA0873.2
94 JASPAR	HOXC13	CTCGTAAAA	9	3190	4.40E-82 MA0907.2
94 JASPAR	HOXC12	RGTCGTAAAA	10	6407	2.33E-31 MA0906.2
94 JASPAR 94 JASPAR	Hoxa11	GTCGTAAAA	9	6849	2.96E-23 MA0911.2
94 JASPAR	HOXC10	GTCRTAAAA	9	6945	3.71E-11 MA0905.2
95 JASPAR	TBP	TATAAAW	7	25029	5.91E-175 MA0108.3
96 JASPAR	ZBED4	CCCGCYCCGC	10	6355	7.39E-172 MA2328.1
97 JASPAR	Sox17	AGAACAATGG	10	2183	5.63E-169 MA0078.3
97 JASPAR	Sox7	AGAACAATGG	10	2284	1.65E-123 MA2095.1
97 JASPAR	SOX14	CGAACAATG	9	2603	8.16E-56 MA1562.2
97 JASPAR	SOX13	ACAATGG	7	50133	3.02E-43 MA1120.2
97 JASPAR	Sox3	ACAATGG	7	52078	2.74E-27 MA0514.3
97 JASPAR	SOX2	ACAATGG	7	54576	2.40E-23 MA0143.5
67 140040	SOX18	AACAATDV	8	2786	4.84E-17 MA1563.2
97 JASPAR	STREME-24	24-CGTGTGGRCC	10	783	1.74E-18 24-CGTGTGGRCC
97 JASPAR 98 STREME		HMAAAAAAAAAAM	15	389127	8.40E-93 MA1978.2 (ZNF354A)
	MEME-2			2754	1.64E-19 MA0041.3
98 STREME 99 MEME			14		
98 STREME 99 MEME 99 JASPAR	FOXD3	WAWGHAAATAAACA	20		
98 STREME 99 MEME 99 JASPAR 99 JASPAR	FOXD3 ZNF354A	WAWGHAAATAAACA WAADWATAAATGRAYWAWTT	20	22104	1.24E-18 MA1978.2
98 STREME 99 MEME 99 JASPAR 99 JASPAR 100 JASPAR	FOXD3 ZNF354A RELB	WAWGHAAATAAACA WAADWATAAATGRAYWAWTT ATTCCCC	20 7	22104 121494	1.24E-18 MA1978.2 1.09E-163 MA1117.2
98 STREME 99 MEME 99 JASPAR 99 JASPAR	FOXD3 ZNF354A	WAWGHAAATAAACA WAADWATAAATGRAYWAWTT	20	22104	1.24E-18 MA1978.2

104 JASPAR	ZFP57	TGCCGCA	7	61359	2.00E-157 MA1583.2
105 JASPAR	Tfcp2l1	CCAGYYYVADCCRG	14	72182	1.51E-152 MA0145.2
106 JASPAR	DMRTA2	GHTACA	6	118469	1.64E-151 MA1478.2
107 STREME	STREME-25	25-ACTTCGCCCAGTCCA	15	755	4.40E-17 25-ACTTCGCCCAGTCCA
108 STREME	STREME-47	47-GATTCAA	7	1734	2.32E-08 MA0611.3 (Dux)
109 JASPAR	ZBTB7C	CGACCACC	8	148955	1.75E-139 MA0695.2
109 JASPAR	Gli2	GACCACCCA	9	20291	2.64E-84 MA0734.4
109 JASPAR	ZBTB7B	CGACCACCGA	10	34361	1.03E-37 MA0694.2
110 STREME	STREME-35	35-ATATCCAG	8	3204	1.83E-14 35-ATATCCAG
111 JASPAR	ZKSCAN1	AYAGTAGGT	9	2071	5.04E-138 MA1585.2
112 JASPAR	PAX3	SGTCACGSYWATTA	14	4170	1.30E-136 MA1546.2
113 JASPAR	Wt1	CCTCCCCAC	10	140193	1.81E-203 MA1627.2
113 STREME	STREME-29	29-CGACTCCCCACC	13	645	9.42E-16 MA1627.2 (Wt1)
114 JASPAR	ZNF449	AAGCCCAACC	10	11706	8.33E-131 MA1656.2
115 JASPAR	RFX7	CGTTGCYA	8	2703	1.71E-130 MA1554.2
116 STREME	STREME-55	55-GGATCCACCC	11	263	1.84E-06 55-GGATCCACCCC
117 JASPAR	ZNF784	ACYTACCG	8	26886	5.33E-123 MA1717.2
118 JASPAR	ZNF770	CGGCCTCA	8	121151	4.14E-122 MA2099.1
119 JASPAR	ZNF410	MCATCCCATAATAHTC	16	545	6.49E-119 MA0752.2
120 JASPAR	ZNF75A	GCTTTTCCCACA	12	2156	7.60E-119 MA2097.1
121 JASPAR	ZNF343	CCGCTTCMCCDCGGCM	16	1396	6.38E-117 MA1711.2
122 STREME	STREME-39	39-GAGGGAGAAACCAAA	15	566	2.50E-11 39-GAGGGAGAAACCAAA
123 JASPAR	ZNF582	TCTGTTACTTGCAGCCAAA	19	2051	2.07E-114 MA1983.2
124 STREME	STREME-44	44-ATAGGGCGGACCT	13	565	7.46E-09 MA0131.3 (HINFP)
125 JASPAR	Zfx	GCCBVGGCCT	10	24744	6.79E-113 MA0146.3
	ZBTB17		8	65180	
126 JASPAR		AATCGATT			1.64E-112 MA2102.1
126 JASPAR	Pax7	TAATCAATTA	10	1663	1.51E-80 MA0680.3
126 JASPAR	PAX3	TAATYRATTA	10	1698	2.04E-42 MA0780.1
126 JASPAR	CUX1	TAATCGATA	9	152	8.50E-11 MA0754.3
127 STREME	STREME-49	49-GRGGAACCGMC	11	672	2.56E-07 MA1725.2 (ZNF189)
128 JASPAR	Hmga1	ATTTTTAW	8	15354	4.04E-111 MA2124.1
129 JASPAR	ZNF652	AAGRGTTAA	9	3426	1.74E-109 MA1657.2
130 JASPAR	Ebf4	TCCCCAGGGGA	11	10681	9.04E-109 MA2122.1
130 JASPAR	Ebf2	CCCAAGGGA	9	4838	2.38E-72 MA1604.2
130 JASPAR	EBF1	TCCCAGGGA	11	12365	1.56E-71 MA0154.5
130 JASPAR	EBF3	CCCAAGGA	9	6213	1.10E-54 MA1637.2
	ISL2		6		3.31E-100 MA0914.2
131 JASPAR		CAMTTA	-	187083	
132 JASPAR	SIX2	TGAAACCTGAT	11	64879	2.31E-98 MA1119.2
132 JASPAR	SIX1	GWAACCTGA	9	3078	3.73E-93 MA1118.2
132 JASPAR	Six4	AACCTGA	7	1395	4.11E-79 MA2001.2
133 STREME	STREME-36	36-ATGCCCAGGA	10	2647	9.73E-14 MA1979.2 (ZNF416)
134 JASPAR	TEAD1	ACATTCCAG	9	33761	6.85E-95 MA0090.4
134 JASPAR	TEAD3	RCATTCCW	8	13870	7.97E-48 MA0808.1
134 JASPAR	TEAD4	ACATTCCA	8	16731	1.92E-27 MA0809.3
135 JASPAR	FOS::JUN	ATGAGTCAY	9	4086	1.89E-93 MA0099.4
135 JASPAR	FOSL2::JUN	RTGAGTCAY	9	4045	6.41E-91 MA1130.2
135 JASPAR	FOSL2::JUND	ATGACTCAT	9	4676	1.66E-85 MA1144.2
135 JASPAR	FOSL2	RRTGASTCAB	10	5217	8.51E-83 MA0478.2
135 JASPAR 135 JASPAR	FOSL2::JUNB		9		
		RTGASTCAT		4809	7.72E-79 MA1138.2
135 JASPAR	FOS::JUND	ATGAGTCAT	9	4183	2.44E-76 MA1141.2
135 JASPAR	FOSB::JUNB	RTGASTCAT	9	4774	6.22E-72 MA1135.2
135 JASPAR	BNC2	TGAGTCA	7	24407	2.10E-67 MA1928.2
135 JASPAR	BACH1	ATGACTCAT	9	4531	3.09E-67 MA1633.2
135 JASPAR	NFE2	ATGACTCATS	10	2193	3.04E-66 MA0841.2
135 JASPAR	JUN::JUNB	ATGACKCA	8	4741	9.91E-58 MA1132.2
135 JASPAR	FOSL1::JUN	ATGACTCAT	9	4504	1.99E-52 MA1128.2
135 JASPAR	Atf3	TGACTCA	7	53331	7.20E-52 MA1988.2
135 JASPAR	FOS::JUNB	ATGASTCAT	9	7907	1.91E-42 MA1134.2
135 JASPAR	FOSL1::JUNB	RTGACTCAT	9	5657	5.55E-41 MA1137.2
135 JASPAR	MAFK	MTGACTCAGC	10	5923	1.75E-34 MA0496.4
135 JASPAR	BATF3	TGACTCA	7	20921	1.47E-33 MA0835.3
135 JASPAR	Jun	TGACTCAT	8	27303	1.91E-33 MA0489.3
135 JASPAR	FOSL1::JUND		8	4785	7.45E-30 MA1142.2
135 JASPAR	BATF::JUN	TGACTCA	7	18381	1.96E-28 MA0462.3
135 JASPAR	BATF	TGACTCA	7	1520	1.69E-22 MA1634.2
135 JASPAR	Nfe2l2	ATGACTCAGCA	11	6697	3.28E-15 MA0150.3
135 JASPAR	FOSL1	ATGACTCAT	9	14364	7.45E-09 MA0477.3

136 JASPAR	ZNF148	CCCCTCCCCC	10	128502	0.00E+00 MA1653.2
136 JASPAR	VEZF1	CCCCC	6	129998	9.61E-198 MA1578.2
136 MEME	MEME-3	SGGGGGGGGGGG	15	16917	3.20E-154 MA0753.3 (ZNF740)
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136 JASPAR	ZNF740	CCCCCCCAC	10	93599	3.88E-129 MA0753.3
136 JASPAR	RREB1	CCCCMAAMCAMCCMCMMM(19	1833	1.27E-30 MA0073.2
136 JASPAR	PRDM9	RGDGGGVAGGGRGGVRRMA	20	19583	3.46E-22 MA1723.2
137 JASPAR	REST	TCAGCACCATGGACAGCDCC	20	1624	4.27E-87 MA0138.3
138 STREME	STREME-45	45-AAATGGCTATCT	12	428	1.42E-08 45-AAATGGCTATCT
139 STREME	STREME-41	41-CCCATATYA	9	321	8.98E-10 MA0752.2 (ZNF410)
139 STREME	STREME-43	43-CCCAKATTAA	10	683	6.91E-09 MA0752.2 (ZNF410)
140 JASPAR	POU4F3	TGMATWATTAAT	12	4622	2.25E-83 MA0791.2
140 JASPAR	HNF1A	RTTAATNATTAAC	13	2597	1.27E-76 MA0046.3
140 JASPAR	POU4F1	TGMATAATTAAT	12	2273	4.04E-48 MA0790.2
140 JASPAR	HNF1B	GTTAATNATTAAY	13	2684	4.25E-32 MA0153.2
140 JASPAR	Arid3b	TATTAAT	7	139	8.70E-09 MA0601.2
141 STREME	STREME-42	42-CGGGGCTCGAGT	12	392	4.49E-09 MA1581.2 (ZBTB6)
142 JASPAR		TTCCCAGAA	9	16641	6.62E-76 MA1625.2
	Stat5b				
142 JASPAR	RBPJ	TGGGAA	6	31924	1.82E-52 MA1116.2
142 JASPAR	Stat5a	TTCCAAGAA	9	3002	6.64E-47 MA1624.2
142 JASPAR	Stat4	TTCYRGGAAR	10	3250	1.99E-35 MA0518.2
		GCTTTCKAGGAAY			6.94E-22 MA0463.3
142 JASPAR	BCL6		13	2865	
143 JASPAR	TFCP2	AAACCGGTT	9	42143	5.51E-73 MA1968.2
143 JASPAR	GRHL2	AACAGGTT	8	1771	5.88E-34 MA1105.3
143 JASPAR	GRHL1	AAACCGGTTT	10	2882	6.79E-31 MA0647.2
144 STREME	STREME-38	38-AATAGAAGCAGT	12	425	5.46E-12 38-AATAGAAGCAGT
145 JASPAR	YY2	ATGGCGG	7	8417	2.49E-71 MA0748.3
146 JASPAR	Arid3a	ATYAAA	6	1782	3.24E-70 MA0151.1
147 JASPAR	Foxq1	ATTGTTTATW	10	4084	5.26E-68 MA0040.2
147 JASPAR	Foxj2	RTAAACAA	8	1259	6.98E-07 MA0614.1
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148 JASPAR	Ahr::Arnt	GCGTG	5	60010	1.34E-67 MA0006.2
149 JASPAR	ZNF416	TATCTGGGCA	10	619	1.87E-67 MA1979.2
150 JASPAR	Nanog	GCAATCA	7	87453	1.47E-66 MA2339.1
151 JASPAR	Znf423	GSMMCCYARGGKKBM	15	4922	2.63E-59 MA0116.1
152 STREME	STREME-46	46-AAAGAAAAGGGGAK	15	283	1.44E-08 46-AAAGAAAAGGGGGAK
132 STREIVIE	STILLIVIE-40	40-AAAOAAAAOOOOAN	10	200	1.446-00 40-AAAOAAAAOOOOAN
450 140045		D1444TT0TT00TT0D0			
153 JASPAR	ZNF136	RWATTCTTGGTTGRC	15	2774	1.38E-57 MA1588.1
153 JASPAR 154 JASPAR	ZNF136 ZBTB24	RWATTCTTGGTTGRC CCCAGGACCC	15 10	2774 2407	1.38E-57 MA1588.1 1.34E-55 MA2330.1
154 JASPAR 155 STREME	ZBTB24 STREME-62	CCCAGGACCC 62-TAGAAAAAACA	10 11	2407 490	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384)
154 JASPAR 155 STREME 156 JASPAR	ZBTB24 STREME-62 HOXA6	CCCAGGACCC 62-TAGAAAAAACA GYMATTA	10 11 7	2407 490 3883	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2
154 JASPAR 155 STREME 156 JASPAR 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA	10 11 7 6	2407 490 3883 3052	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3
154 JASPAR 155 STREME 156 JASPAR	ZBTB24 STREME-62 HOXA6	CCCAGGACCC 62-TAGAAAAAACA GYMATTA	10 11 7	2407 490 3883	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2
154 JASPAR 155 STREME 156 JASPAR 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA	10 11 7 6	2407 490 3883 3052	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3
154 JASPAR 155 STREME 156 JASPAR 156 JASPAR 156 JASPAR 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG	10 11 7 6 7 8	2407 490 3883 3052 128445 2401	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3
154 JASPAR 155 STREME 156 JASPAR 156 JASPAR 156 JASPAR 156 JASPAR 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA	10 11 7 6 7 8	2407 490 3883 3052 128445 2401 2893	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2
154 JASPAR 155 STREME 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA	10 11 7 6 7 8 6	2407 490 3883 3052 128445 2401 2893 2897	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2
154 JASPAR 155 STREME 156 JASPAR 156 JASPAR 156 JASPAR 156 JASPAR 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA	10 11 7 6 7 8	2407 490 3883 3052 128445 2401 2893	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2
154 JASPAR 155 STREME 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA	10 11 7 6 7 8 6	2407 490 3883 3052 128445 2401 2893 2897	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2
154 JASPAR 155 STREME 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG	10 11 7 6 7 8 6 6	2407 490 3883 3052 128445 2401 2893 2897 2423	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3
154 JASPAR 155 STREME 156 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA	10 11 7 6 7 8 6 6 8 9	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA	10 11 7 6 7 8 6 6 8 9 6	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1)
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA	10 11 7 6 7 8 6 6 8 9 6	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA	10 11 7 6 7 8 6 6 8 9 6	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1)
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA	10 11 7 6 7 8 6 6 8 9 6	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS	10 11 7 6 7 8 6 6 8 9 6	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA	10 11 7 6 7 8 6 6 8 9 6 10 7 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA GGTCTCTA	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA	10 11 7 6 7 8 6 6 8 9 6 10 7 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA GGTCTCTA	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 161 JASPAR 162 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA GGTCTCTA AATGGAAAA ATGGAAAA	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA GGTCTCTA AATGGAAAA TGGAAAA TGGAAAA	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA GGTCTCTA AATGGAAAA ATGGAAAA AAGCACT	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA GGTCTCTA AATGGAAAA TGGAAAA TGGAAAA	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA GGTCTCTA AATGGAAAA ATGGAAAA AAGCACT	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA AAGCACT CGCTGTWAW	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 165 JASPAR 166 JASPAR 166 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA AAGCACT CGCTGTWAW AATTCTA TGCTGASTCAGCA	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 9 7 9 7	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 165 JASPAR 166 JASPAR 166 JASPAR 167 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA TGGAAAA AAGCACT CGCTGTWAW AATTCTA TGCTGASTCAGCA	10 11 7 6 7 8 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 7 9 7 13	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 167 JASPAR 167 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA ATGGAAA ATGGAAA AAGCACT CGCTGTWAW AATTCTA TGCTGASTCAGCA AWWNTGCTGACG	10 11 7 6 7 8 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 7 9 7 13 13 13	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 165 JASPAR 166 JASPAR 166 JASPAR 167 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA TGGAAAA AAGCACT CGCTGTWAW AATTCTA TGCTGASTCAGCA	10 11 7 6 7 8 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 7 9 7 13	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 167 JASPAR 167 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA ATGGAAA ATGGAAA AAGCACT CGCTGTWAW AATTCTA TGCTGASTCAGCA AWWNTGCTGACG	10 11 7 6 7 8 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 7 9 7 13 13 13	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0898.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 168 JASPAR 168 JASPAR 168 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL Mafb MAFF	CCCAGGACCC 62-TAGAAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA ATGGAAA ATGGAAC CGCTGTWAW AATTCTA TGCTGASTCAGCA AWWNTGCTGAC GTCAGCATTTT	10 11 7 6 7 8 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 8 7 9 7 13 13 12 11 11	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324 2596 4319	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0888.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3 4.03E-25 MA0117.3 5.58E-08 MA0495.4
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 167 JASPAR 168 JASPAR 168 JASPAR 168 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL Mafb MAFF HINFP	CCCAGGACCC 62-TAGAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA ATGGAAAA TGGAACT CGCTGTWAW AATTCTA TGCTGASTCAGCA AWWNTGCTGAC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCCC GTCAGCACTTT RCGTCCCCC	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 11 6 7 13 13 12 11 11 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324 2596 4319 1695	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0888.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3 4.03E-25 MA0117.3 5.58E-08 MA0495.4 1.93E-32 MA0131.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 167 JASPAR 168 JASPAR 169 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL Mafb MAFF HINFP TFAP2A	CCCAGGACCC 62-TAGAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA TGGAAAA ATGCAATTAA TGCTGASTCAGCA AWWNTGCTGAC GTCAGCC GTCAGCCCCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 11 6 7 13 13 12 11 11 8 9	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324 2596 4319 1695 88646	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0888.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3 4.03E-25 MA0117.3 5.58E-08 MA0495.4 1.93E-32 MA0131.3 1.01E-30 MA0003.5
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 159 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 167 JASPAR 168 JASPAR 168 JASPAR 168 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL Mafb MAFF HINFP	CCCAGGACCC 62-TAGAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA ATGGAAAA TGGAACT CGCTGTWAW AATTCTA TGCTGASTCAGCA AWWNTGCTGAC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCC GTCAGCACTTT RCGTCCCCC GTCAGCACTTT RCGTCCCCC	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 11 6 7 13 13 12 11 11 8	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324 2596 4319 1695	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0888.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3 4.03E-25 MA0117.3 5.58E-08 MA0495.4 1.93E-32 MA0131.3
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 167 JASPAR 168 JASPAR 169 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL Mafb MAFF HINFP TFAP2A	CCCAGGACCC 62-TAGAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA TGGAAAA ATGCAATTAA TGCTGASTCAGCA AWWNTGCTGAC GTCAGCC GTCAGCCCCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC GCCTCAGCC	10 11 7 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 11 6 7 13 13 12 11 11 8 9	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324 2596 4319 1695 88646	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0888.2 3.04E-08 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3 4.03E-25 MA0117.3 5.58E-08 MA0495.4 1.93E-32 MA0131.3 1.01E-30 MA0003.5
154 JASPAR 155 STREME 156 JASPAR 157 STREME 158 JASPAR 160 JASPAR 161 JASPAR 162 JASPAR 163 JASPAR 163 JASPAR 164 JASPAR 165 JASPAR 166 JASPAR 167 JASPAR 167 JASPAR 168 JASPAR 168 JASPAR 168 JASPAR 168 JASPAR 169 JASPAR	ZBTB24 STREME-62 HOXA6 LHX2 HOXA9 DIx2 LBX2 RAX2 DIx5 Hmx3 DIx3 STREME-51 ZNF263 MEIS2 Prdm15 BARHL1 Prdm14 Nfatc2 Nfat5 Nfatc1 ZSCAN21 Rhox11 ZNF35 MAFA MAF NRL Mafb MAFF HINFP TFAP2A Npas4	CCCAGGACCC 62-TAGAAAAACA GYMATTA CAATTA RTCGTWA GCAATTAG YAATTA YAATTA GCAATTAG AGCAATTAA YAATTA 51-GGACTCCCCA GGGAGGA TTGACAGS GAAAACCTGGA CGTTTA AATGGAAAA ATGGAAAA ATGGAAAA ATGGAAAA TGGAAAA TGGAACTCAC CGCTGTWAW AATTCTA TGCTGASTCAGCA AWWNTGCTGAC GTCAGCATTTT RCGTCCGC GCCTCAGCC TCGTGAC TCGTGAC TCGTGAC TCGTCAGC TCGTCAGCC TCGTCAGCC TCGTCAGCC TCGTCAGCC TCGTCACC TCGTGAC	10 11 7 6 7 8 6 7 8 6 6 8 9 6 10 7 8 11 6 8 8 11 6 7 13 13 12 11 11 8 9 7	2407 490 3883 3052 128445 2401 2893 2897 2423 3362 5665 341 19451 9916 31039 51580 5742 37600 384 72006 154702 3499 19472 2201 2230 3324 2596 4319 1695 88646 107474	1.34E-55 MA2330.1 1.11E-03 MA1125.2 (ZNF384) 1.04E-54 MA1497.2 1.19E-34 MA0700.3 2.04E-34 MA0594.3 4.73E-32 MA0885.3 3.02E-31 MA0699.2 1.74E-29 MA0717.2 5.45E-27 MA1476.3 3.88E-22 MA0880.2 6.01E-07 MA0105.4 (NFKB1) 1.64E-53 MA0528.3 4.86E-53 MA0774.1 9.06E-47 MA1616.2 2.30E-46 MA0877.4 3.17E-46 MA1998.2 3.52E-44 MA0152.3 2.53E-15 MA0606.3 2.47E-08 MA0624.3 1.32E-41 MA2336.1 1.04E-38 MA0629.2 8.45E-37 MA2333.1 1.38E-36 MA1521.2 6.89E-19 MA1520.2 1.95E-33 MA0842.3 4.03E-25 MA0117.3 5.58E-08 MA0495.4 1.93E-32 MA0131.3 1.01E-30 MA0003.5 2.98E-30 MA1995.2

173 JASPAR	IRF7	CGAAARYGAAAVT	13	2031	8.06E-18 MA0772.2
173 JASPAR	IRF3	RRAAMGGAAACCGAAAC	17	258	2.19E-12 MA1418.2
174 JASPAR	Zfp335	TCAGGCA	7	3041	1.71E-29 MA2002.2
175 JASPAR	ZNF341	GAACAGCC	8	155554	1.33E-26 MA1655.2
176 JASPAR	ZNF257	GAGGCRAGRG	10	5644	3.84E-26 MA1710.2
177 JASPAR	ZNF214	TCATCAABGTCCT	13	2924	7.78E-25 MA1975.2
178 JASPAR	SMAD2	CCAGAC	6	674	1.88E-24 MA1964.2
179 JASPAR	Stat6	TTCCWSAGAA	10	343	2.00E-22 MA0520.2
180 JASPAR	ZNF692	GGGCCCAS	8	269	1.01E-20 MA1986.2
181 JASPAR	NKX2-2	CCACTCAA	8	2627	1.18E-20 MA1645.2
181 JASPAR	NKX2-5	CACTCAA	7	3229	3.31E-19 MA0063.3
182 JASPAR	NFYA	CCAATCAG	8	28750	1.46E-20 MA0060.4
182 JASPAR	NFYC	CCAATCA	7	25361	5.90E-20 MA1644.2
183 JASPAR	MEF2B	RCTAWAAATAGC	12	88	4.78E-20 MA0660.1
183 JASPAR	MEF2D	DCTAWAAATAGM	12	88	4.78E-20 MA0773.1
183 JASPAR	MEF2A	CTAAAAATAG	10	114	7.72E-11 MA0052.5
184 JASPAR	ZKSCAN5	GGARGTGAG	9	1338	1.75E-18 MA1652.2
185 JASPAR	Foxl2	WATGTAAACA	10	35204	2.66E-17 MA1607.2
186 JASPAR	ZSCAN29	YGTCTACRCNG	11	327	2.95E-17 MA1602.2
187 JASPAR	SOX12	ACCGAACAAT	10	1272	6.30E-17 MA1561.2
188 JASPAR	ZNF24	CATTCATTCATTC	13	4798	1.01E-15 MA1124.1
189 JASPAR	REL	BGGRNWTTCC	10	29971	1.49E-15 MA0101.1
190 JASPAR	E2F2	WTTTGGCGCCAWW	13	834	5.84E-15 MA0864.3
190 JASPAR	E2F3	TTTTGGCGCCAAAA	14	1078	1.59E-06 MA0469.4
191 JASPAR	Hoxa13	CCAATAAA	8	7934	5.54E-14 MA0650.4
192 JASPAR	ZNF211	YATATACCAY	10	16908	3.02E-12 MA1974.2
193 JASPAR	Prdm4	CCTTGAAACYG	11	5919	3.54E-12 MA1647.3
194 JASPAR	ZNF282	CTTTCCCMYAACACG	15	225	4.57E-12 MA1154.2
195 JASPAR	OSR1	GCTACYGT	8	10895	5.25E-11 MA1542.2
196 JASPAR	ZKSCAN3	CCCAGGCTAGCCCA	14	1292	1.03E-10 MA1973.2
197 JASPAR	Nrf1	CTGCGCMTGCGC	12	108	1.66E-08 MA0506.3
198 JASPAR	Arid5a	YAATATTG	8	7001	1.28E-07 MA0602.2
199 JASPAR	IRF6	ACCGAAACT	9	4144	7.77E-07 MA1509.1
200 JASPAR	CEBPB	ATTGCGCAAT	10	549	9.20E-07 MA0466.4
201 JASPAR	ZNF140	AGGAGYGGAATTGCTGGGT	19	724	3.09E-06 MA1589.2