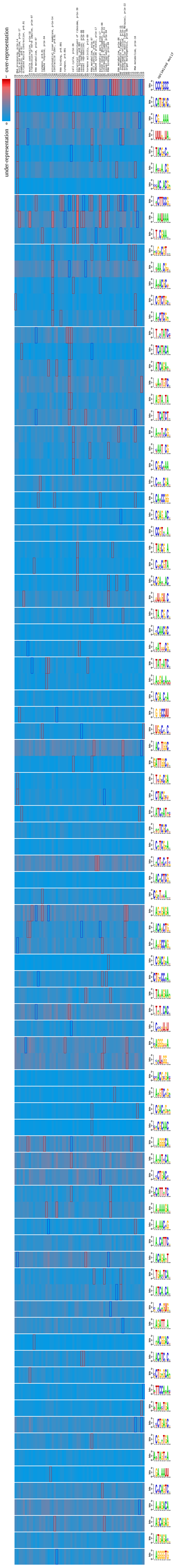

location	MI (bits)	z-score	robustness	position bias	orientation bias	conservation index	seed	motif name
5′	0.045	49.5	10/10	-	-	1.00	CCCGCCC	Sp1
5′	0.018	13.8	10/10	-	-	1.00	CATGCGC	-
5′	0.017	13.2	10/10	-	-	0.80	CGCGAAA	E2F
3′UTR	0.015	11.2	10/10	-	→	1.00	UUUUUUA	-
5′	0.015	10.7	10/10	-	-	0.94	TACGCCA	-
5′	0.014	9.5	8/10	-	-	0.78	ACGAACG	-
5′	0.013	7.6	8/10	-	→	0.28	CACCACG	-
5′	0.044	47.4	10/10	Y	-	1.00	ACTTCCG	NRF-2
3′UTR	0.027	26.5	10/10	Y	→	1.00	AAAUAAA	-
5′	0.018	14.3	10/10	-	-	0.80	TCCGAAA	-
5′	0.020	17.3	10/10	-	-	0.99	TGACGTC	bZIP911
5′	0.017	13.2	10/10	-	-	0.31	AAACCGG	-
5′	0.014	10.0	9/10	-	→	0.64	AAACGCG	-
5′	0.013	8.3	8/10	-	←	0.52	CGTCTGC	-
5′	0.012	7.8	6/10	-	-	0.58	AACTCGG	-
5′	0.017	12.9	10/10	-	-	0.79	TGATATC	GATA-2
5′	0.013	8.0	7/10	-	-	0.44	TCATACA	-
5′	0.013	8.0	7/10	-	-	0.94	ATCAGAT	-
5′	0.012	7.7	8/10	-	←	0.85	TATTGTC	Sox17
5′	0.012	7.7	9/10	-	-	0.66	AGTAATA	-
5′	0.012	7.4	9/10	-	←	0.49	ATCATCT	-
5′	0.016	12.4	10/10	-	-	0.91	AGTTCCG	-
5′	0.015	10.7	10/10	-	←	0.95	CAATCCG	-
5′	0.013	8.2	9/10	-	→	0.93	CGCCAAA	E2F1
5′	0.015	11.8	10/10	-	←	0.91	CTTCCGA	-
5′	0.015	10.4	10/10	-	→	0.88	CATCCGG	c-Ets-1_p54_
5′	0.015	10.5	10/10	-	←	0.60	CGAGCAC	-
5′	0.015	10.4	9/10	-	→	0.34	CCGTCCA	-
5′	0.015	10.3	10/10	-	-	0.46	TAGCGGA	-
5′	0.014	9.2	10/10	-	-	0.97	CGCCGTA	-
5′	0.015	10.1	10/10	-	-	0.10	CGAAGAC	-
3′UTR	0.013	8.7	9/10	-	→	0.99	UUUGUAC	-
5′	0.014	10.2	10/10	-	-	0.89	TAGCGAC	-
5′	0.014	9.5	10/10	-	→	0.98	GCAACGC	-
5′	0.014	9.9	10/10	-	→	0.75	AATGGCG	-
5′	0.014	9.7	10/10	-	-	0.56	TATAATC	GATA-3
3′UTR	0.013	7.9	7/10	-	→	0.89	AUGAUAU	-
5′	0.014	9.7	10/10	-	→	0.42	CGAGCAA	-
3′UTR	0.014	9.5	10/10	-	→	1.00	GUGCCUU	-
3′UTR	0.014	9.5	10/10	-	→	0.91	UGUCCAC	-
5′	0.014	9.5	10/10	-	-	0.60	ACGTGGC	bZIP911
5′	0.013	8.2	7/10	Y	←	1.00	ATTGGCT	NF-Y
5′	0.014	8.9	10/10	-	→	0.72	TCGCCGA	-
5′	0.013	8.5	7/10	-	←	0.70	CTACGCG	-
5′	0.013	9.0	8/10	-	→	0.60	ATCCATG	CDP_CR3+HD
5′	0.013	9.1	7/10	-	-	0.42	AGTCGCA	-
5′	0.013	8.6	9/10	-	-	0.19	CGTCGGA	-
5′	0.013	9.0	10/10	-	-	0.48	ACTTCCT	-
5′	0.013	8.4	10/10	-	-	0.41	ACGCTCG	-
5′	0.013	8.7	9/10	-	→	0.53	GCTGCAC	-
5′	0.013	8.9	10/10	-	←	0.86	AGCGAGA	-
5′	0.013	8.5	8/10	-	←	0.31	ACAGCTG	Tal-1alpha_E47
5′	0.012	7.0	7/10	-	←	0.73	AGGCCAG	HAND1-TCF3
5′	0.013	7.4	7/10	-	→	0.28	CGACGCA	-
5′	0.013	8.6	8/10	-	←	0.48	TGCCCCA	-
5′	0.013	8.4	8/10	-	-	0.82	TAGAGAA	-
5′	0.013	8.7	6/10	-	←	0.80	TGTTCAC	-
3′UTR	0.013	8.6	9/10	-	→	0.75	CCCUUUU	-
5′	0.013	8.7	7/10	-	→	0.75	AGGGGGA	MZF1
3′UTR	0.013	8.2	10/10	-	→	0.70	GCUUGGG	-
5′	0.013	8.0	8/10	-	→	0.99	CACGTGA	SREBP-1
5′	0.013	8.0	7/10	-	→	0.98	AAGTCGG	-
5′	0.013	8.0	8/10	-	→	0.47	CGACGGA	-
5′	0.013	7.2	7/10	-	-	0.96	GCGCAAC	-
5′	0.013	8.5	7/10	-	-	0.97	CAGGGCA	-
5′	0.013	8.6	9/10	-	←	0.79	AAATGCA	-
5′	0.013	8.2	6/10	-	→	0.67	CCTGACC	MafB
5′	0.013	8.1	7/10	-	-	0.31	CATTTTC	-
5′	0.012	7.2	7/10	-	→	0.95	AGAAAGA	-
5′	0.013	8.1	7/10	-	-	0.93	AGAACCG	v-Myb
5′	0.013	8.0	8/10	-	-	0.63	AACATTC	-
5′	0.013	8.1	9/10	-	←	0.54	ACAGAAT	-
5′	0.013	7.9	9/10	Y	-	0.93	TGACTCA	Fos
5′	0.012	7.5	6/10	-	-	0.79	ATCATCA	-
3′UTR	0.012	7.9	8/10	-	→	0.83	UCCUGUG	-
5′	0.012	7.7	9/10	-	→	0.88	AGATTCA	-
5′	0.012	7.0	6/10	-	←	0.52	AACGGAC	-
5′	0.012	7.5	7/10	Y	→	0.47	ACATCAC	MATa1
5′	0.012	7.4	8/10	-	-	0.24	CTGGGCA	-
5′	0.012	6.9	7/10	-	-	0.83	TTCCAAA	-
5′	0.012	7.0	6/10	-	←	0.50	TAATTGA	S8
5′	0.012	7.2	8/10	-	-	0.38	CCTGAGC	-
5′	0.012	7.1	7/10	-	←	0.23	CGAGTGA	-
5′	0.012	6.8	7/10	-	-	0.72	ATAGTCA	-
3′UTR	0.012	6.5	7/10	-	→	0.52	GAGAAUU	-
5′	0.012	6.9	6/10	-	-	0.61	CCCAGTC	-
5′	0.012	6.9	6/10	-	-	0.87	AGAGACA	-
5′	0.011	6.5	6/10	-	-	0.69	AGCAGAG	-
5′	0.011	6.6	6/10	-	-	0.54	ATGAGAC	-
5′	0.011	6.5	6/10	-	-	0.84	AGGGGTG	-