

# Homer *de novo* Motif Results (siNEG\_MITF\_motifhits//)

[Known Motif Enrichment Results](#)

[Gene Ontology Enrichment Results](#)

If Homer is having trouble matching a motif to a known motif, try copy/pasting the matrix file into [STAMP](#)











More information on motif finding results: [HOMER](#) | [Description of Results](#) | [Tips](#)

Total target sequences = 14235

Total background sequences = 34861

\* - possible false positive

Rank	Motif	P-value	log P-value	% of Targets	% of Background	STD(Bg STD)	Best Match/Details	Motif File
1		1e-3009	-6.931e+03	40.94%	6.43%	50.0bp (63.2bp)	TFE3(bHLH)/MEF-TFE3-ChIP-Seq(GSE75757)/Homer(0.963) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
2		1e-1085	-2.499e+03	19.33%	3.73%	51.7bp (64.9bp)	Fra1(bZIP)/BT549-Fra1-ChIP-Seq(GSE46166)/Homer(0.995) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
3		1e-152	-3.502e+02	33.94%	24.14%	55.6bp (59.8bp)	PB0071.1_Sox4_1/Jaspar(0.949) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
4		1e-130	-3.016e+02	23.49%	15.63%	54.4bp (58.5bp)	Fli1(ETS)/CD8-FLI-ChIP-Seq(GSE20898)/Homer(0.983) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
5		1e-116	-2.684e+02	13.09%	7.52%	54.0bp (58.1bp)	Sox9(HMG)/Limb-SOX9-ChIP-Seq(GSE73225)/Homer(0.655) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
6		1e-103	-2.388e+02	9.39%	4.98%	56.2bp (61.5bp)	RUNX1(Runt)/Jurkat-RUNX1-ChIP-Seq(GSE29180)/Homer(0.981) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
7		1e-68	-1.584e+02	3.23%	1.26%	54.1bp (62.2bp)	Egr2(Zf)/Thymocytes-Egr2-ChIP-Seq(GSE34254)/Homer(0.794) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
8		1e-54	-1.262e+02	16.56%	12.08%	56.0bp (55.6bp)	Maz(Zf)/HepG2-Maz-ChIP-Seq(GSE31477)/Homer(0.983) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
9		1e-43	-9.967e+01	6.55%	4.06%	54.6bp (64.3bp)	PB0178.1_Sox8_2/Jaspar(0.843) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
10		1e-41	-9.600e+01	6.57%	4.12%	54.5bp (55.9bp)	AP-2gamma(AP2)/MCF7-TFAP2C-ChIP-Seq(GSE21234)/Homer(0.947) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
11		1e-37	-8.550e+01	1.74%	0.68%	51.0bp (56.3bp)	BORIS(Zf)/K562-CTCFL-ChIP-Seq(GSE32465)/Homer(0.917) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
12		1e-34	-7.907e+01	66.86%	61.90%	57.3bp (59.5bp)	PB0182.1_Srf_2/Jaspar(0.898) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
13		1e-30	-7.089e+01	2.96%	1.59%	53.7bp (59.7bp)	CEBPA/MA0102.3/Jaspar(0.904) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
14		1e-28	-6.482e+01	8.36%	6.03%	56.7bp (59.4bp)	NFAT(RHD)/Jurkat-NFATC1-ChIP-Seq(Jolma_et_al.)/Homer(0.956) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
15		1e-26	-6.045e+01	0.17%	0.01%	53.0bp (16.9bp)	ATF4/MA0833.1/Jaspar(0.791) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
16		1e-21	-4.913e+01	0.12%	0.00%	57.5bp (0.0bp)	PH0034.1_Gbx2/Jaspar(0.670) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
17		1e-19	-4.397e+01	0.13%	0.01%	55.7bp (42.2bp)	SCRT2/MA0744.1/Jaspar(0.622) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
18		1e-18	-4.358e+01	0.20%	0.02%	56.6bp (29.0bp)	Sox1/MA0870.1/Jaspar(0.552) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>

19		1e-18	-4.259e+01	1.83%	1.00%	55.3bp (63.9bp)	NRF1/MA0506.1/Jaspar(0.940) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
20		1e-17	-4.132e+01	0.22%	0.03%	63.9bp (47.0bp)	SD0002.1_at_AC_acceptor/Jaspar(0.746) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
21		1e-16	-3.773e+01	0.12%	0.01%	47.4bp (0.0bp)	NFY(CCAAT)/Promoter/Homer(0.726) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
22		1e-15	-3.564e+01	0.17%	0.02%	42.9bp (54.1bp)	Asc12/MA0816.1/Jaspar(0.794) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
23		1e-15	-3.473e+01	0.15%	0.02%	49.2bp (52.1bp)	CEBP(bZIP)/ThioMac-CEBPb-ChIP-Seq(GSE21512)/Homer(0.778) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
24		1e-14	-3.292e+01	0.24%	0.04%	48.9bp (73.2bp)	GFX(?)/Promoter/Homer(0.989) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
25		1e-12	-2.818e+01	2.57%	1.74%	56.6bp (55.5bp)	CEBPG/MA0838.1/Jaspar(0.721) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
26 *		1e-9	-2.259e+01	0.13%	0.02%	48.7bp (16.6bp)	PB0049.1_Nr2f2_1/Jaspar(0.841) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
27 *		1e-8	-1.980e+01	0.14%	0.03%	38.3bp (48.6bp)	TEAD1/MA0090.2/Jaspar(0.812) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
28 *		1e-8	-1.910e+01	0.11%	0.02%	47.4bp (36.9bp)	PH0152.1_Pou6f1_2/Jaspar(0.718) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>