

# Homer de novo Motif Results (siCITED1\_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 = 22510

Total background sequences = 26889

\* - possible false positive

Rank	Motif	P-value	log P-value	% of Targets	% of Background	STD(Bg STD)	Best Match/Details	Motif File
1		1e-3971	-9.145e+03	34.90%	5.44%	49.8bp (61.7bp)	TFEC/MA0871.1/Jaspar(0.960) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
2		1e-1602	-3.690e+03	17.46%	3.23%	52.1bp (60.8bp)	BATF(bZIP)/Th17-BATF-ChIP-Seq(GSE39756)/Homer(0.992) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
3		1e-272	-6.270e+02	17.76%	10.03%	53.8bp (59.6bp)	Sox10(HMG)/SciaticNerve-Sox3-ChIP-Seq(GSE35132)/Homer(0.967) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
4		1e-205	-4.725e+02	19.09%	11.98%	55.4bp (58.6bp)	GABPA(ETS)/Jurkat-GABPa-ChIP-Seq(GSE17954)/Homer(0.960) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
5		1e-192	-4.427e+02	16.06%	9.73%	54.2bp (59.1bp)	RUNX(Runt)/HPC7-Runx1-ChIP-Seq(GSE22178)/Homer(0.981) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
6		1e-143	-3.306e+02	12.42%	7.54%	54.6bp (58.5bp)	Sox9(HMG)/Limb-SOX9-ChIP-Seq(GSE73225)/Homer(0.606) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
7		1e-127	-2.936e+02	20.22%	14.32%	54.5bp (56.2bp)	AP-2gamma(AP2)/MCF7-TFAP2C-ChIP-Seq(GSE21234)/Homer(0.897) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
8		1e-82	-1.903e+02	17.68%	13.14%	55.9bp (59.0bp)	PB0192.1_Tcfap2e_2/Jaspar(0.790) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
9		1e-76	-1.763e+02	1.07%	0.24%	53.5bp (50.0bp)	BORIS(Zf)/K562-CTCFL-ChIP-Seq(GSE32465)/Homer(0.904) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
10		1e-74	-1.705e+02	3.82%	1.93%	54.2bp (57.9bp)	MF0006.1_bZIP_cEBP-like_subclass/Jaspar(0.895) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
11		1e-60	-1.404e+02	5.51%	3.35%	55.6bp (59.6bp)	POL003.1_GC-box/Jaspar(0.817) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
12		1e-47	-1.085e+02	1.08%	0.36%	55.3bp (56.7bp)	PB0170.1_Sox17_2/Jaspar(0.830) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
13		1e-44	-1.020e+02	10.15%	7.56%	54.6bp (53.6bp)	PB0097.1_Zfp281_1/Jaspar(0.911) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
14		1e-40	-9.433e+01	0.26%	0.02%	62.8bp (23.5bp)	Sox9(HMG)/Limb-SOX9-ChIP-Seq(GSE73225)/Homer(0.731) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
15		1e-32	-7.370e+01	0.12%	0.01%	47.5bp (0.0bp)	Mitf/MA0620.1/Jaspar(0.703) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
							NFAT(RHD)/Jurkat-NFATC1-ChIP-	

16		1e-26	-6.186e+01	0.90%	0.38%	53.9bp (60.2bp)	Seq(Jolma_et_al.)/Homer(0.769) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
17		1e-24	-5.550e+01	0.16%	0.02%	49.4bp (62.7bp)	PB0095.1_Zfp161_1/Jaspar(0.692) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
18		1e-22	-5.207e+01	0.20%	0.03%	65.4bp (32.3bp)	NFY(CCAAT)/Promoter/Homer(0.895) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
19		1e-21	-4.845e+01	0.15%	0.02%	54.6bp (12.5bp)	GFX(?)/Promoter/Homer(0.960) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
20		1e-17	-3.982e+01	0.14%	0.02%	52.7bp (14.0bp)	Mycn/MA0104.3/Jaspar(0.770) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
21 *		1e-9	-2.246e+01	0.12%	0.03%	46.4bp (55.6bp)	RUNX1(Runt)/Jurkat-RUNX1-ChIP-Seq(GSE29180)/Homer(0.632) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
22 *		1e-7	-1.781e+01	0.08%	0.02%	53.6bp (41.8bp)	PB0199.1_Zfp161_2/Jaspar(0.665) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>