

# Homer de novo Motif Results (/beegfs/scratch/ric.sessa/kubacki.michal/SRF\_Eva\_top/SRF\_Eva\_CUTandTAG/results/08\_homer\_motifs/TES\_peaks/)

[Non-redundant Motif File of Results](#)

[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 = 13350

Total background sequences = 84931

\* - possible false positive

Rank	Motif	P-value	log P-pvalue	% of Targets	% of Background	STD(Bg STD)	Best Match/Details	Motif File
1		1e-1497	-3.448e+03	26.54%	4.92%	53.1bp (63.7bp)	BATF(bZIP)/Th17-BATF-ChIP-Seq(GSE39756)/ Homer(0.996) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
2		1e-578	-1.332e+03	50.20%	28.94%	54.0bp (63.9bp)	SOX15/MA1152.2/Jaspar(0.977) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
3		1e-439	-1.012e+03	37.40%	20.48%	54.7bp (63.7bp)	TEAD3/MA0808.1/Jaspar(0.957) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
4		1e-424	-9.781e+02	11.74%	3.13%	53.5bp (63.1bp)	RUNX1(Runt)/Jurkat-RUNX1-ChIP-Seq(GSE29180)/ Homer(0.982) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
5		1e-250	-5.760e+02	18.72%	9.22%	55.4bp (59.6bp)	MYNN(Zf)/HEK293-MYNN.eGFP-ChIP-Seq(Encode)/ Homer(0.771) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
6		1e-192	-4.439e+02	31.62%	20.66%	55.0bp (65.2bp)	NFIX/MA0671.2/Jaspar(0.964) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
7		1e-154	-3.561e+02	26.27%	17.10%	56.8bp (62.0bp)	Brn2(POU,Homeobox)/NPC-Brn2-ChIP-Seq(GSE35496)/ Homer(0.797) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
8		1e-117	-2.698e+02	40.56%	31.11%	55.5bp (62.4bp)	Nr2e3/MA0164.2/Jaspar(0.692) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
9		1e-103	-2.380e+02	49.30%	40.03%	54.7bp (61.0bp)	Irf1/MA0050.4/Jaspar(0.575) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>

10		1e-103	-2.372e+02	19.10%	12.51%	55.1bp (63.7bp)	Dlx5/MA1476.3/Jaspar(0.671) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
11		1e-78	-1.816e+02	0.91%	0.09%	55.2bp (59.3bp)	FOXH1/MA0479.2/Jaspar(0.632) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
12		1e-70	-1.619e+02	0.68%	0.05%	55.3bp (62.9bp)	ZNF766/MA2098.1/Jaspar(0.690) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
13		1e-49	-1.134e+02	4.56%	2.37%	54.2bp (60.2bp)	Atf7(bZIP)/3T3L1-Atf7-ChIP-Seq(GSE56872)/Homer(0.968) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
14		1e-46	-1.076e+02	7.74%	4.83%	54.9bp (63.8bp)	Hoxc6(Homeobox)/EB-Hoxc6.iFlag-ChIP-Seq(GSE142377)/Homer(0.621) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
15		1e-46	-1.060e+02	7.81%	4.91%	54.5bp (62.1bp)	ETV1/MA0761.3/Jaspar(0.967) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
16		1e-35	-8.169e+01	5.31%	3.22%	54.7bp (64.6bp)	CEBP:AP1(bZIP)/ThioMac-CEBPb-ChIP-Seq(GSE21512)/Homer(0.730) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
17		1e-32	-7.467e+01	0.14%	0.00%	48.0bp (55.2bp)	ELF1(ETS)/Jurkat-ELF1-ChIP-Seq(SRA014231)/Homer(0.756) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
18		1e-30	-6.933e+01	0.61%	0.12%	51.8bp (57.4bp)	MafK(bZIP)/C2C12-MafK-ChIP-Seq(GSE36030)/Homer(0.685) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
19		1e-19	-4.443e+01	0.15%	0.01%	52.8bp (41.1bp)	PB0151.1_Myf6_2/Jaspar(0.632) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
20		1e-16	-3.877e+01	1.15%	0.54%	57.3bp (44.8bp)	PB0010.1_Egr1_1/Jaspar(0.853) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
21		1e-14	-3.376e+01	0.07%	0.00%	54.0bp (0.0bp)	NFYC/MA1644.2/Jaspar(0.782) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
22		1e-13	-3.103e+01	2.95%	1.98%	53.5bp (57.4bp)	ZBED4/MA2328.1/Jaspar(0.642) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
23		1e-12	-2.949e+01	0.74%	0.32%	52.2bp (59.5bp)	PB0137.1_Irf3_2/Jaspar(0.757) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file (matrix)</a>
24 *		1e-6	-1.407e+01	0.12%	0.03%	68.8bp (16.7bp)		<a href="#">motif file (matrix)</a>

						ZBED2(Zf)/SUIT2-ZBED2.HA-ChIP-Seq(GSE141606)/ Homer(0.641) <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	
25 *		1e-4	-1.086e+01	0.55%	0.32%	50.8bp (47.3bp)  <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file</a> (matrix)
26 *		1e-4	-1.084e+01	0.04%	0.00%	58.7bp (41.3bp)  <a href="#">More Information</a>   <a href="#">Similar Motifs Found</a>	<a href="#">motif file</a> (matrix)