

Homer de novo Motif Results

(/zfs/venom/Crotalus_genomes/Ctigris_CLP2741/ATAC_Seq/HOMER/Genrich_Run1/Genrich_Filtered_Hard50Overlap_ATAC_All_VG_Combined//)

[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 = 2446

Total background sequences = 44026

* - possible false positive

Rank	Motif	P-value	log P-value	% of Targets	% of Background	STD(Bg STD)	Best Match/Details	Motif File
1		1e-111	-2.568e+02	14.47%	3.46%	46.8bp (63.4bp)	GRHL2/MA1105.1/Jaspar(0.874) More Information Similar Motifs Found	motif file (matrix)
2		1e-110	-2.544e+02	31.15%	13.56%	52.3bp (63.3bp)	NFIC/MA0161.2/Jaspar(0.949) More Information Similar Motifs Found	motif file (matrix)
3		1e-97	-2.256e+02	17.05%	5.24%	53.0bp (64.7bp)	FOXA1(Forkhead)/MCF7-FOXA1-ChIP-Seq(GSE26831)/Homer(0.940) More Information Similar Motifs Found	motif file (matrix)
4		1e-84	-1.936e+02	1.43%	0.00%	43.9bp (0.0bp)	PU.1(ETS)/ThioMac-PU.1-ChIP-Seq(GSE21512)/Homer(0.740) More Information Similar Motifs Found	motif file (matrix)
5		1e-70	-1.616e+02	1.23%	0.00%	49.7bp (3.2bp)	RORgt(NR)/EL4-RORgt.Flag-ChIP-Seq(GSE56019)/Homer(0.638) More Information Similar Motifs Found	motif file (matrix)
6		1e-67	-1.553e+02	1.19%	0.00%	45.5bp (54.9bp)	PB0062.1_Sox12_1/Jaspar(0.649) More Information Similar Motifs Found	motif file (matrix)
7		1e-61	-1.409e+02	1.23%	0.01%	51.9bp (0.0bp)	RELB/MA1117.1/Jaspar(0.685) More Information Similar Motifs Found	motif file (matrix)
8		1e-51	-1.186e+02	1.06%	0.01%	37.6bp (0.0bp)	SMAD3/MA0795.1/Jaspar(0.607) More Information Similar Motifs Found	motif file (matrix)
9		1e-48	-1.122e+02	0.90%	0.00%	40.2bp (0.0bp)	PU.1(ETS)/ThioMac-PU.1-ChIP-Seq(GSE21512)/Homer(0.600) More Information Similar Motifs Found	motif file (matrix)
10		1e-48	-1.122e+02	0.90%	0.00%	61.7bp (28.2bp)	PB0155.1_Osr2_2/Jaspar(0.622) More Information Similar Motifs Found	motif file (matrix)
11		1e-46	-1.062e+02	0.86%	0.00%	48.9bp (43.3bp)	Nkx2-5(var.2)/MA0503.1/Jaspar(0.615) More Information Similar Motifs Found	motif file (matrix)
12		1e-45	-1.055e+02	1.10%	0.01%	49.6bp (27.6bp)	MZF1/MA0056.1/Jaspar(0.689) More Information Similar Motifs Found	motif file (matrix)
13		1e-42	-9.701e+01	0.90%	0.01%	56.8bp (61.3bp)	Arid3b/MA0601.1/Jaspar(0.638) More Information Similar Motifs Found	motif file (matrix)
14		1e-41	-9.594e+01	1.02%	0.01%	46.8bp (27.7bp)	POL009.1_DCE_S_II/Jaspar(0.580) More Information Similar Motifs Found	motif file (matrix)
15		1e-39	-9.171e+01	0.86%	0.01%	39.0bp (0.0bp)	E2F4(E2F)/K562-E2F4-ChIP-Seq(GSE31477)/Homer(0.606) More Information Similar Motifs Found	motif file (matrix)
16		1e-39	-9.117e+01	1.14%	0.02%	55.1bp (69.6bp)	NFAT5/MA0606.1/Jaspar(0.692) More Information Similar Motifs Found	motif file (matrix)
17		1e-37	-8.539e+01	5.64%	1.52%	47.6bp (68.3bp)	CREB1/MA0018.3/Jaspar(0.894) More Information Similar Motifs Found	motif file (matrix)
18		1e-35	-8.126e+01	0.78%	0.01%	50.8bp (0.0bp)	AMYB(HTH)/Testes-AMYB-ChIP-Seq(GSE44588)/Homer(0.629) More Information Similar Motifs Found	motif file (matrix)
19		1e-33	-7.729e+01	0.94%	0.02%	50.4bp (45.8bp)	NRF1(NRF)/MCF7-NRF1-ChIP-Seq(Unpublished)/Homer(0.641) More Information Similar Motifs Found	motif file (matrix)
20		1e-33	-7.628e+01	1.10%	0.03%	69.9bp (58.8bp)	ZNF768(Zf)/Raji-ZNF768-ChIP-Seq(GSE111879)/Homer(0.805) More Information Similar Motifs Found	motif file (matrix)
21		1e-30	-7.102e+01	0.70%	0.01%	50.5bp (45.5bp)	ISRE(IRF)/ThioMac-LPS-Expression(GSE23622)/Homer(0.723) More Information Similar Motifs Found	motif file (matrix)
22		1e-30	-7.102e+01	0.70%	0.00%	51.9bp (6.0bp)	PB0192.1_Tcfap2e_2/Jaspar(0.783) More Information Similar Motifs Found	motif file (matrix)
23		1e-30	-7.078e+01	0.94%	0.02%	44.6bp (35.7bp)	MZF1(var.2)/MA0057.1/Jaspar(0.819) More Information Similar Motifs Found	motif file (matrix)
24		1e-29	-6.829e+01	0.82%	0.01%	46.8bp (26.2bp)	HMBX1/MA0895.1/Jaspar(0.770) More Information Similar Motifs Found	motif file (matrix)
25		1e-28	-6.574e+01	0.57%	0.00%	57.1bp (0.0bp)	PB0092.1_Zbtb7b_1/Jaspar(0.641) More Information Similar Motifs Found	motif file (matrix)
26		1e-27	-6.390e+01	14.84%	8.11%	52.5bp (75.4bp)	SP2/MA0516.1/Jaspar(0.855) More Information Similar Motifs Found	motif file (matrix)
27		1e-26	-6.100e+01	0.61%	0.01%	50.7bp (0.0bp)	IRF5/MA1420.1/Jaspar(0.790) More Information Similar Motifs Found	motif file (matrix)
28		1e-26	-6.100e+01	0.61%	0.01%	55.0bp (48.6bp)	RUNX3/MA0684.1/Jaspar(0.637) More Information Similar Motifs Found	motif file (matrix)
29		1e-25	-5.862e+01	7.11%	2.89%	53.0bp (77.9bp)	PB0009.1_E2F3_1/Jaspar(0.696) More Information Similar Motifs Found	motif file (matrix)
30		1e-25	-5.805e+01	17.25%	10.27%	55.5bp (67.7bp)	TEAD2/MA1121.1/Jaspar(0.731) More Information Similar Motifs Found	motif file (matrix)
31		1e-23	-5.323e+01	6.66%	2.76%	59.1bp (63.6bp)	PB0091.1_Zbtb3_1/Jaspar(0.641) More Information Similar Motifs Found	motif file (matrix)
32		1e-22	-5.121e+01	4.09%	1.28%	52.8bp (70.5bp)	NFY(CCAAT)/Promoter/Homer(0.830) More Information Similar Motifs Found	motif file (matrix)
33		1e-19	-4.481e+01	1.43%	0.18%	56.3bp (73.1bp)	POL008.1_DCE_S_I/Jaspar(0.598) More Information Similar Motifs Found	motif file (matrix)
34		1e-12	-2.812e+01	2.62%	0.93%	54.1bp (66.9bp)	CEBPG/MA0838.1/Jaspar(0.786) More Information Similar Motifs Found	motif file (matrix)
35 *		1e-6	-1.479e+01	0.16%	0.00%	57.0bp (24.7bp)	KIF12/MA0742.1/Jaspar(0.678) More Information Similar Motifs Found	motif file (matrix)