


















Homer de novo Motif Results (/media/Download/K11_motifout//)




















[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 = 1135

Total background sequences = 48528

* - possible false positive

Rank	Motif	P-value	log P-value	% of Targets	% of Background	STD (Bg STD)	Best Match/Details
1		1e-21	-4.850e+01	4.23%	0.72%	56.3bp (63.4bp)	MA0465.1_CDXX2/Jaspar (0.766) More Information Similar Motifs Found
2		1e-19	-4.379e+01	3.09%	0.40%	56.8bp (74.8bp)	TEAD4 (TEA)/Tropoblast-Tead4-ChIP-Seq (GSE37350)/Homer (0.679) More Information Similar Motifs Found
3		1e-14	-3.372e+01	0.97%	0.02%	61.8bp (59.4bp)	PH0145.1_Pou2f3/Jaspar (0.650) More Information Similar Motifs Found
4		1e-14	-3.316e+01	2.56%	0.38%	56.0bp (63.3bp)	MA0058.2_MAX/Jaspar (0.687) More Information Similar Motifs Found
5		1e-14	-3.310e+01	2.29%	0.30%	54.8bp (71.2bp)	SA0002.1_at_AC_acceptor/Jaspar (0.650) More Information Similar Motifs Found
6		1e-14	-3.257e+01	1.59%	0.12%	46.5bp (64.3bp)	Gfilb (Zf)/HPC7-Gfilb-ChIP-Seq (GSE22178)/Homer (0.657) More Information Similar Motifs Found
7		1e-14	-3.228e+01	3.53%	0.78%	51.2bp (62.4bp)	SD0003.1_at_AC_acceptor/Jaspar (0.650) More Information Similar Motifs Found
8		1e-13	-3.187e+01	1.68%	0.14%	49.0bp (70.5bp)	Smad3 (MAD)/NPC-Smad3-ChIP-Seq (GSE36673)/Homer (0.594) More Information Similar Motifs Found
9		1e-13	-3.132e+01	2.12%	0.27%	58.0bp (75.6bp)	NF1-halbsite (CTF)/LNCaP-NF1-ChIP-Seq (Unpublished)/Homer (0.633) More Information Similar Motifs Found
10		1e-13	-3.001e+01	0.62%	0.01%	44.9bp (82.4bp)	PB0138.1_Irf4_2/Jaspar (0.617) More Information Similar Motifs Found
11		1e-12	-2.765e+01	1.50%	0.14%	66.7bp (64.0bp)	PB0207.1_Zic3_2/Jaspar (0.678) More Information Similar Motifs Found
12 *		1e-11	-2.731e+01	0.88%	0.03%	52.9bp (32.4bp)	MA0157.1_FOX03/Jaspar (0.552) More Information Similar Motifs Found
13 *		1e-11	-2.679e+01	1.85%	0.24%	53.5bp (60.3bp)	PB0032.1_IRC900814_1/Jaspar (0.707) More Information Similar Motifs Found
14 *		1e-10	-2.442e+01	2.47%	0.51%	52.2bp (65.3bp)	MA0119.1_TLX1::NFIC/Jaspar (0.703) More Information Similar Motifs Found
15 *		1e-10	-2.390e+01	1.68%	0.23%	39.5bp (73.4bp)	POL007.1_BRED/Jaspar (0.636) More Information Similar Motifs Found
16 *		1e-9	-2.166e+01	10.93%	6.09%	52.7bp (54.3bp)	Rbpj1 (?)/Panc1-Rbpj1-ChIP-Seq (GSE47459)/Homer (0.699) More Information Similar Motifs Found
17 *		1e-9	-2.113e+01	2.73%	0.72%	54.5bp (69.9bp)	Foxh1 (Forkhead)/hESC-FOXH1-ChIP-Seq (GSE29422)/Homer (0.628) More Information Similar Motifs Found

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18 *		1e-9	-2.086e+01	12.26%	7.19%	54.8bp (61.5bp)	CRX (Homeobox) / Retina-Crx-ChIP-Seq (GSE20012) / Homer (0.780)	More Information Similar Motifs Found	
19 *		1e-8	-2.062e+01	1.06%	0.09%	38.0bp (67.8bp)	MF0011.1_HMG_class/Jaspar (0.645)	More Information Similar Motifs Found	
20 *		1e-8	-2.034e+01	16.14%	10.35%	54.7bp (57.7bp)	NFkB-p65-Rel (RHD) / LPS-exp (GSE23622) / Homer (0.598)	More Information Similar Motifs Found	
21 *		1e-7	-1.834e+01	0.71%	0.04%	48.5bp (36.6bp)	POL002.1_INR/Jaspar (0.648)	More Information Similar Motifs Found	
22 *		1e-7	-1.822e+01	0.35%	0.00%	52.4bp (0.0bp)	ZFX (Zf) / mES-Zfx-ChIP-Seq (GSE11431) / Homer (0.656)	More Information Similar Motifs Found	
23 *		1e-7	-1.729e+01	7.32%	3.83%	55.0bp (59.5bp)	PB0144.1_Lef1_2/Jaspar (0.678)	More Information Similar Motifs Found	
24 *		1e-7	-1.671e+01	0.44%	0.01%	53.0bp (32.4bp)	PB0163.1_Six6_2/Jaspar (0.652)	More Information Similar Motifs Found	
25 *		1e-6	-1.604e+01	38.36%	31.06%	57.2bp (61.0bp)	Rbpj1 (?) / Panc1-Rbpj1-ChIP-Seq (GSE47459) / Homer (0.686)	More Information Similar Motifs Found	
26 *		1e-6	-1.560e+01	1.32%	0.24%	58.8bp (58.3bp)	GLI3 (Zf) / GLI3-ChIP-Chip (GSE11077) / Homer (0.703)	More Information Similar Motifs Found	
27 *		1e-6	-1.558e+01	1.85%	0.47%	49.3bp (56.3bp)	MF0009.1_TRP (MYB) _class/Jaspar (0.686)	More Information Similar Motifs Found	
28 *		1e-6	-1.546e+01	0.35%	0.01%	58.1bp (47.1bp)	PH0084.1_Irx3_2/Jaspar (0.682)	More Information Similar Motifs Found	
29 *		1e-6	-1.426e+01	0.62%	0.04%	53.6bp (54.4bp)	CEBP:AP1 (bZIP) / ThioMac-CEBPb-ChIP-Seq (GSE21512) / Homer (0.655)	More Information Similar Motifs Found	
30 *		1e-6	-1.422e+01	6.35%	3.41%	54.8bp (60.8bp)	TEAD (TEA) / Fibroblast-PU.1-ChIP-Seq (Unpublished) / Homer (0.771)	More Information Similar Motifs Found	
31 *		1e-6	-1.406e+01	7.05%	3.95%	57.1bp (60.0bp)	MA0081.1_SPIB/Jaspar (0.748)	More Information Similar Motifs Found	
32 *		1e-6	-1.386e+01	0.35%	0.01%	56.5bp (44.2bp)	PB0098.1_Zfp410_1/Jaspar (0.585)	More Information Similar Motifs Found	
33 *		1e-5	-1.312e+01	4.32%	2.07%	50.6bp (60.8bp)	PB0094.1_Zfp128_1/Jaspar (0.653)	More Information Similar Motifs Found	
34 *		1e-4	-1.101e+01	0.26%	0.01%	53.6bp (12.1bp)	MA0111.1_Spz1/Jaspar (0.672)	More Information Similar Motifs Found	
35 *		1e-4	-1.032e+01	6.26%	3.77%	50.6bp (55.5bp)	MA0056.1_MZF1_1-4/Jaspar (0.803)	More Information Similar Motifs Found	

36 *		1e-4	-9.727e+00	0.44%	0.04%	55.8bp (41.7bp)	PB0107.1_Asc12_2/Jaspar (0.736) More Information Similar Motifs Found
37 *		1e-4	-9.727e+00	0.44%	0.04%	52.7bp (66.8bp)	SPDEF (ETS)/VCaP-SPDEF-ChIP-Seq (SRA014231)/Homer (0.785) More Information Similar Motifs Found
38 *		1e-3	-8.217e+00	0.18%	0.00%	60.3bp (0.0bp)	MF0002.1_bZIP_CREB/G-box-like_subclass/Jaspar (0.629) More Information Similar Motifs Found
39 *		1e-2	-6.051e+00	0.18%	0.01%	61.2bp (76.9bp)	PB0050.1_Osr1_1/Jaspar (0.691) More Information Similar Motifs Found
40 *		1e-1	-3.765e+00	0.09%	0.00%	61.5bp (9.5bp)	SD0001.1_at_AC_acceptor/Jaspar (0.629) More Information Similar Motifs Found
41 *		1e-1	-3.765e+00	0.09%	0.00%	58.1bp (0.0bp)	RUNX2 (Runt)/PCa-RUNX2-ChIP-Seq (GSE33889)/Homer (0.701) More Information Similar Motifs Found