

Homer de novo Motif Results

(/zfs/venom/Crotalus_genomes/Ctigris_CLP2741/ATAC_Seq/HOMER/Macs2_Run1/Macs2_Filtered_Hard50Overlap_ATAC_All_VG_Combined_peaks/)

[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 = 7873

Total background sequences = 41160

* - possible false positive

Rank	Motif	P-value	log P-value	% of Targets	% of Background	STD(Bg STD)	Best Match/Details	Motif File
1		1e-372	-8.575e+02	35.56%	16.34%	51.3bp (63.0bp)	NF1-halfsite(CTF)/LNCaP-NF1-ChIP-Seq(Unpublished)/Homer(0.940) More Information Similar Motifs Found	motif file (matrix)
2		1e-336	-7.746e+02	25.92%	10.28%	51.7bp (63.1bp)	NF1-FOXA1(CTF,Forkhead)/LNCAP-FOXA1-ChIP-Seq(GSE27824)/Homer(0.860) More Information Similar Motifs Found	motif file (matrix)
3		1e-240	-5.532e+02	15.32%	5.21%	49.8bp (63.8bp)	GRHL2/MA1105.1/Jaspar(0.909) More Information Similar Motifs Found	motif file (matrix)
4		1e-144	-3.327e+02	1.17%	0.01%	36.3bp (54.4bp)	POL012.1_TATA-Box/Jaspar(0.587) More Information Similar Motifs Found	motif file (matrix)
5		1e-140	-3.240e+02	1.03%	0.01%	37.8bp (37.8bp)	ESR2/MA0258.2/Jaspar(0.624) More Information Similar Motifs Found	motif file (matrix)
6		1e-128	-2.958e+02	29.63%	18.39%	53.5bp (62.2bp)	NFIX/MA0671.1/Jaspar(0.760) More Information Similar Motifs Found	motif file (matrix)
7		1e-125	-2.897e+02	18.00%	9.29%	55.3bp (61.8bp)	ELF3(ETS)/PDAC-ELF3-ChIP-Seq(GSE64557)/Homer(0.878) More Information Similar Motifs Found	motif file (matrix)
8		1e-124	-2.875e+02	1.04%	0.01%	40.9bp (67.5bp)	SMAD3/MA0795.1/Jaspar(0.757) More Information Similar Motifs Found	motif file (matrix)
9		1e-118	-2.722e+02	2.63%	0.30%	54.3bp (48.3bp)	SIX1/MA1118.1/Jaspar(0.608) More Information Similar Motifs Found	motif file (matrix)
10		1e-114	-2.641e+02	51.57%	38.86%	58.0bp (68.3bp)	Foxo3(Forkhead)/U2OS-Foxo3-ChIP-Seq(E-MTAB-2701)/Homer(0.802) More Information Similar Motifs Found	motif file (matrix)
11		1e-109	-2.514e+02	0.98%	0.02%	54.8bp (30.5bp)	Gata4/MA0482.1/Jaspar(0.664) More Information Similar Motifs Found	motif file (matrix)
12		1e-94	-2.170e+02	1.04%	0.03%	40.3bp (80.9bp)	PH0117.1_Nkx3-1/Jaspar(0.698) More Information Similar Motifs Found	motif file (matrix)
13		1e-87	-2.019e+02	0.91%	0.02%	50.0bp (43.7bp)	Sox4(HMG)/proB-Sox4-ChIP-Seq(GSE50066)/Homer(0.792) More Information Similar Motifs Found	motif file (matrix)
14		1e-86	-1.981e+02	1.28%	0.07%	55.3bp (47.7bp)	CREB1/MA0018.3/Jaspar(0.736) More Information Similar Motifs Found	motif file (matrix)
15		1e-81	-1.873e+02	1.12%	0.05%	62.7bp (69.5bp)	Sox5/MA0087.1/Jaspar(0.756) More Information Similar Motifs Found	motif file (matrix)
16		1e-78	-1.800e+02	2.15%	0.33%	52.4bp (41.6bp)	PRDM10(Zf)/HEK293-PRDM10.eGFP-ChIP-Seq(Encode)/Homer(0.675) More Information Similar Motifs Found	motif file (matrix)
17		1e-74	-1.714e+02	0.50%	0.00%	46.7bp (0.0bp)	NFIL3/MA0025.1/Jaspar(0.774) More Information Similar Motifs Found	motif file (matrix)
18		1e-74	-1.712e+02	0.66%	0.01%	52.4bp (54.6bp)	GRHL1/MA0647.1/Jaspar(0.604) More Information Similar Motifs Found	motif file (matrix)
19		1e-72	-1.659e+02	0.71%	0.02%	65.0bp (52.4bp)	YY1/MA0095.2/Jaspar(0.649) More Information Similar Motifs Found	motif file (matrix)
20		1e-65	-1.518e+02	0.64%	0.01%	60.4bp (75.3bp)	LIN54/MA0619.1/Jaspar(0.612) More Information Similar Motifs Found	motif file (matrix)
21		1e-64	-1.492e+02	0.51%	0.01%	62.1bp (31.1bp)	Rfx5(HTH)/GM12878-Rfx5-ChIP-Seq(GSE31477)/Homer(0.569) More Information Similar Motifs Found	motif file (matrix)
22		1e-62	-1.446e+02	1.37%	0.15%	56.0bp (51.0bp)	p53(p53)/mES-cMyc-ChIP-Seq(GSE11431)/Homer(0.611) More Information Similar Motifs Found	motif file (matrix)
23		1e-54	-1.262e+02	0.44%	0.00%	45.6bp (58.4bp)	IRF5/MA1420.1/Jaspar(0.691) More Information Similar Motifs Found	motif file (matrix)
24		1e-50	-1.172e+02	0.42%	0.01%	44.8bp (15.0bp)	PB0050.1_Osr1_1/Jaspar(0.606) More Information Similar Motifs Found	motif file (matrix)
25		1e-47	-1.083e+02	0.39%	0.01%	43.8bp (49.0bp)	Pax7(Paired.Homeobox),long/Myoblast-Pax7-ChIP-Seq(GSE25064)/Homer(0.645) More Information Similar Motifs Found	motif file (matrix)
26		1e-44	-1.025e+02	3.20%	1.14%	51.5bp (59.0bp)	PB0090.1_Zbtb12_1/Jaspar(0.631) More Information Similar Motifs Found	motif file (matrix)
27		1e-41	-9.520e+01	0.36%	0.01%	50.3bp (17.2bp)	PB0194.1_Zbtb12_2/Jaspar(0.653) More Information Similar Motifs Found	motif file (matrix)
28		1e-38	-8.751e+01	0.42%	0.01%	56.7bp (35.0bp)	PB0179.1_Sp100_2/Jaspar(0.701) More Information Similar Motifs Found	motif file (matrix)
29		1e-33	-7.793e+01	2.69%	1.02%	52.5bp (53.3bp)	Pitx1(Homeobox)/Chicken-Pitx1-ChIP-Seq(GSE38910)/Homer(0.777) More Information Similar Motifs Found	motif file (matrix)
30		1e-28	-6.549e+01	0.66%	0.08%	54.1bp (48.7bp)	HIC2/MA0738.1/Jaspar(0.701) More Information Similar Motifs Found	motif file (matrix)
31		1e-27	-6.363e+01	12.71%	8.97%	57.6bp (61.7bp)	MZF1(var.2)/MA0057.1/Jaspar(0.758) More Information Similar Motifs Found	motif file (matrix)
32		1e-22	-5.231e+01	7.27%	4.72%	55.3bp (68.1bp)	E2F4/MA0470.1/Jaspar(0.682) More Information Similar Motifs Found	motif file (matrix)
33		1e-21	-4.845e+01	1.19%	0.37%	50.3bp (56.3bp)	GCM2/MA0767.1/Jaspar(0.741) More Information Similar Motifs Found	motif file (matrix)
34		1e-14	-3.320e+01	0.39%	0.06%	57.6bp (65.6bp)	PB0094.1_Zfp128_1/Jaspar(0.708) More Information Similar Motifs Found	motif file (matrix)
35 *		1e-10	-2.479e+01	0.86%	0.34%	58.9bp (85.5bp)	PB0095.1_Zfp161_1/Jaspar(0.878) More Information Similar Motifs Found	motif file (matrix)