

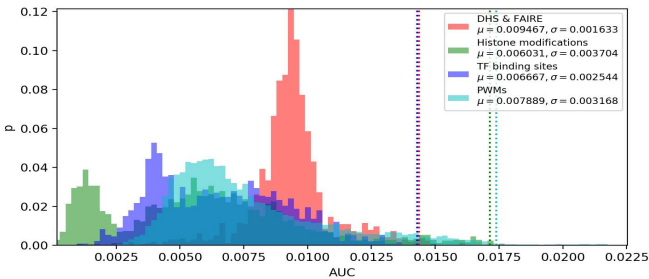
i-cisTarget

An integrative genomics method for the prediction of regulatory features and cis-regulatory modules.

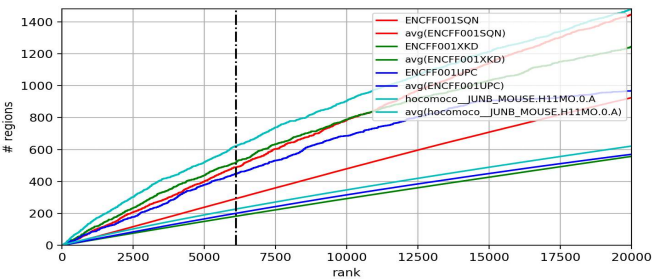
Parameters and statistics for Butyrate-DARs-cattle

Number of features	29890
Number of enriched features (NES > 3.0)	272
Total number of ranked regions	1223024
Type of input query	bed
Number of <b>i-cisTarget</b> regions in input set	15181 (Results of the region mapping)
Minimum fraction of overlap	0.4
Normalized enrichment score (NES) threshold	3.0
AUC threshold (fraction / # of ranked regions)	0.005 (6115)
Recovery curve threshold (# of regions)	20000

AUC distribution



Recovery of best feature



Results for Butyrate-DARs-cattle

Select features in the table below, select an operation and proceed.

1.

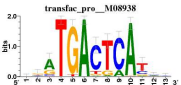
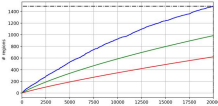
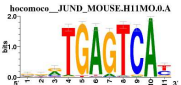
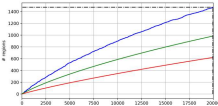
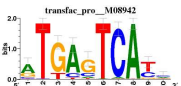
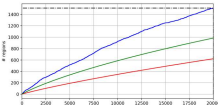
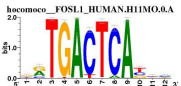
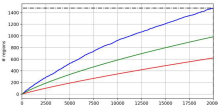
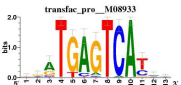
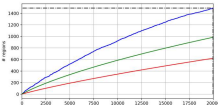
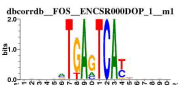
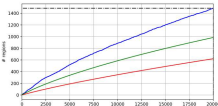

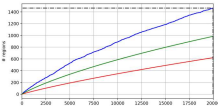

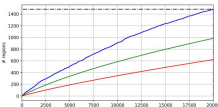
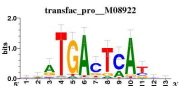
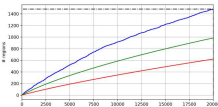
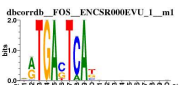
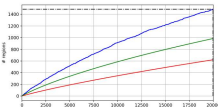

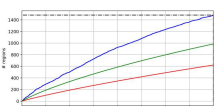
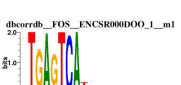
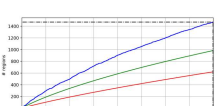
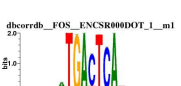
☐ Use candidate target regions as **filter** and use as input for i-cisTarget again.
2.

☐ **Scan** candidate target regions of selected features for multiple homotypic CRMs.
3.

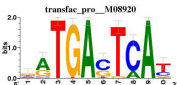
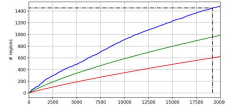
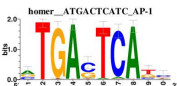
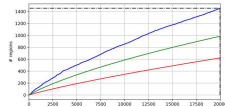

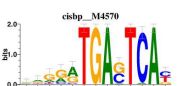
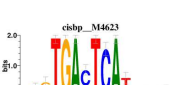
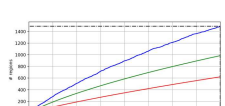

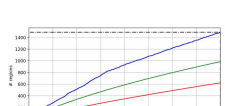

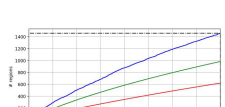
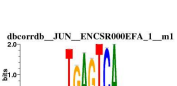
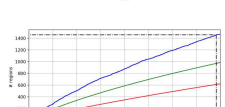

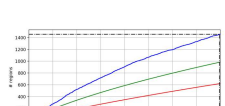
☐ **Create SIF file** for the selected features.

This report is also available as an **archive**.

#	Feature	NES	Logo	Recovery Curve	Candidate regions targets	All regions in top 20000	Database
1	<input type="checkbox"/> hocomoco__JUNB_MOUSE.H11MO.0.A Description: JUNB_MOUSE Possible TFs: JUNB	4.62037			<a href="#">link</a>	<a href="#">link</a>	PWMs
2	<input type="checkbox"/> homer__NNATGASTCATH_Fra1 Description: Fra1(bZIP)/BT549-Fra1-ChIP-Seq(GSE46166)/Homer	4.54460			<a href="#">link</a>	<a href="#">link</a>	PWMs
3	<input type="checkbox"/> transfac_pro__M08936 Description: V\$JUNFOSB_01: C-JUN:FOSB Possible TFs: FOSB	4.49997			<a href="#">link</a>	<a href="#">link</a>	PWMs
4	<input type="checkbox"/> transfac_pro__M08940 Description: V\$JUNFRA2_01: C-JUN:FRA-2 Possible TFs: FOSL2	4.42647			<a href="#">link</a>	<a href="#">link</a>	PWMs

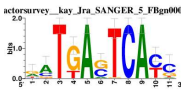
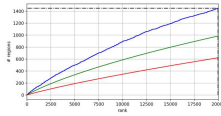
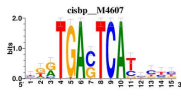
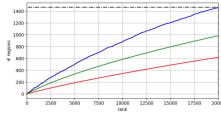

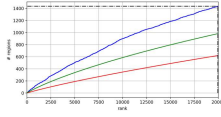
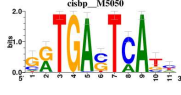
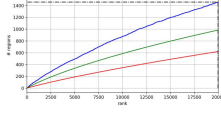

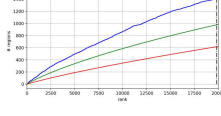

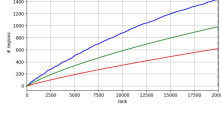
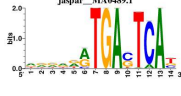
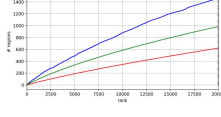

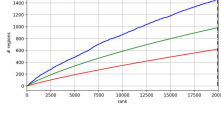
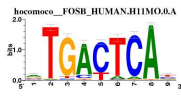
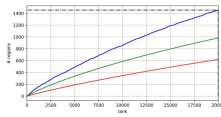
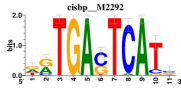
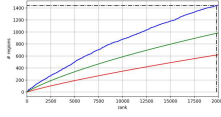
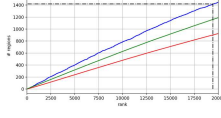
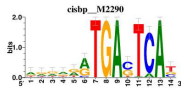
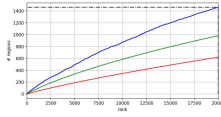
#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
5	<input type="checkbox"/> transfac_pro__M08938 Description: V\$JUNFRA1_01: C-JUN:FRA-1 Possible TFs: FOSL1	4.42494			<a href="#">link</a>	<a href="#">link</a>	PWMs
6	<input type="checkbox"/> hocomoco__JUND_MOUSE.H11MO.0.A Description: JUND_MOUSE Possible TFs: JUND	4.40740			<a href="#">link</a>	<a href="#">link</a>	PWMs
7	<input type="checkbox"/> transfac_pro__M08942 Description: V\$FOSJUN_02: C-FOS:C-JUN Possible TFs: JUN	4.40547			<a href="#">link</a>	<a href="#">link</a>	PWMs
8	<input type="checkbox"/> hocomoco__FOSL1_HUMAN.H11MO.0.A Description: FOSL1_HUMAN Possible TFs: FOSL1	4.40469			<a href="#">link</a>	<a href="#">link</a>	PWMs
9	<input type="checkbox"/> transfac_pro__M08933 Description: V\$JUNDFOS_01: JUND:C-FOS Possible TFs: JUND	4.39691			<a href="#">link</a>	<a href="#">link</a>	PWMs
10	<input type="checkbox"/> dbcorrd__FOS__ENCSR000DOP_1__m1 Description: FOS (ENCSR000DOP-1, motif 1) Possible TFs: FOS	4.39392			<a href="#">link</a>	<a href="#">link</a>	PWMs
11	<input type="checkbox"/> jasper__MA0476.1 Description: FOS Possible TFs: FOS	4.39011			<a href="#">link</a>	<a href="#">link</a>	PWMs
12	<input type="checkbox"/> transfac_pro__M08923 Description: V\$JUNBFRA2_01: JUNB:FRA-2 Possible TFs: JUNB	4.38607			<a href="#">link</a>	<a href="#">link</a>	PWMs
13	<input type="checkbox"/> transfac_pro__M08922 Description: V\$JUNBFRA1_01: JUNB:FRA-1 Possible TFs: JUNB	4.37477			<a href="#">link</a>	<a href="#">link</a>	PWMs
14	<input type="checkbox"/> dbcorrd__FOS__ENCSR000EVU_1__m1 Description: FOS (ENCSR000EVU-1, motif 1) Possible TFs: FOS	4.37239			<a href="#">link</a>	<a href="#">link</a>	PWMs
15	<input type="checkbox"/> cisbp__M2291 Description: JUNB[ gene ID: "ENSG00000171223" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUNB	4.36148			<a href="#">link</a>	<a href="#">link</a>	PWMs
16	<input type="checkbox"/> dbcorrd__FOS__ENCSR000DOO_1__m1 Description: FOS (ENCSR000DOO-1, motif 1) Possible TFs: FOS	4.35714			<a href="#">link</a>	<a href="#">link</a>	PWMs
17	<input type="checkbox"/> dbcorrd__FOS__ENCSR000DOT_1__m1 Description: FOS (ENCSR000DOT-1, motif 1) Possible TFs: FOS	4.34861			<a href="#">link</a>	<a href="#">link</a>	PWMs

#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
18	<input type="checkbox"/> dbcorrd__FOS__ENCSR000DON_1__m1 Description: FOS (ENCSR000DON-1, motif 1) Possible TFs: FOS	4.34622			<a href="#">link</a>	<a href="#">link</a>	PWMs
19	<input type="checkbox"/> cisbp__M0344 Description: M0344	4.34134			<a href="#">link</a>	<a href="#">link</a>	PWMs
20	<input type="checkbox"/> cisbp__M4531 Description: JUN[ <i>gene ID: "ENSG00000177606"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUN	4.33870			<a href="#">link</a>	<a href="#">link</a>	PWMs
21	<input type="checkbox"/> jaspar__MA0478.1 Description: FOSL2 Possible TFs: FOSL2	4.33314			<a href="#">link</a>	<a href="#">link</a>	PWMs
22	<input type="checkbox"/> jaspar__MA0490.1 Description: JUNB Possible TFs: JUNB	4.33075			<a href="#">link</a>	<a href="#">link</a>	PWMs
23	<input type="checkbox"/> cisbp__M2280 Description: FOSL2[ <i>gene ID: "ENSG00000075426"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOSL2	4.32917			<a href="#">link</a>	<a href="#">link</a>	PWMs
24	<input type="checkbox"/> cisbp__M4590 Description: FOS[ <i>gene ID: "ENSG00000170345"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]; Fos[ <i>gene ID: "ENSMUSG00000021250"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]; Fosb[ <i>gene ID: "ENSMUSG00000003545"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOS	4.32882			<a href="#">link</a>	<a href="#">link</a>	PWMs
25	<input type="checkbox"/> cisbp__M4619 Description: FOSL1[ <i>gene ID: "ENSG00000175592"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]; Fos[ <i>gene ID: "ENSMUSG00000021250"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]; Fosb[ <i>gene ID: "ENSMUSG00000003545"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOSL1	4.31522			<a href="#">link</a>	<a href="#">link</a>	PWMs
26	<input type="checkbox"/> cisbp__M6319 Description: JUN[ <i>gene ID: "ENSG00000177606"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUN	4.31448			<a href="#">link</a>	<a href="#">link</a>	PWMs
27	<input type="checkbox"/> cisbp__M2278 Description: FOS[ <i>gene ID: "ENSG00000170345"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]; Fos[ <i>gene ID: "ENSMUSG00000021250"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]; Fosb[ <i>gene ID: "ENSMUSG00000003545"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOS	4.30592			<a href="#">link</a>	<a href="#">link</a>	PWMs

#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
28	<input type="checkbox"/> transfac_pro_M08920 Description: V\$JUNBFOSB_01: JUNB:FOSB Possible TFs: JUNB	4.30096			<a href="#">link</a>	<a href="#">link</a>	PWMs
29	<input type="checkbox"/> homer_ATGACTCATC_AP-1 Description: AP-1(bZIP)/ThioMac-PU.1-ChIP-Seq(GSE21512)/Homer Possible TFs: JUN	4.29999			<a href="#">link</a>	<a href="#">link</a>	PWMs
30	<input type="checkbox"/> hocomoco_FOS_HUMAN.H11MO.0.A Description: FOS_HUMAN Possible TFs: FOS	4.29536			<a href="#">link</a>	<a href="#">link</a>	PWMs
31	<input type="checkbox"/> cisbp_M4570 Description: JUND[gene ID: "ENSG00000130522" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUND	4.28317			<a href="#">link</a>	<a href="#">link</a>	PWMs
32	<input type="checkbox"/> cisbp_M4623 Description: JUNB[gene ID: "ENSG00000171223" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUNB	4.27888			<a href="#">link</a>	<a href="#">link</a>	PWMs
33	<input type="checkbox"/> hocomoco_FOSL2_HUMAN.H11MO.0.A Description: FOSL2_HUMAN Possible TFs: FOSL2	4.27783			<a href="#">link</a>	<a href="#">link</a>	PWMs
34	<input type="checkbox"/> hocomoco_FOSB_MOUSE.H11MO.0.A Description: FOSB_MOUSE Possible TFs: FOSB	4.27643			<a href="#">link</a>	<a href="#">link</a>	PWMs
35	<input type="checkbox"/> dbcorrd_b_JUN_ENCSR000EFA_1_m1 Description: JUN (ENCSR000EFA-1, motif 1) Possible TFs: JUN	4.27632			<a href="#">link</a>	<a href="#">link</a>	PWMs
36	<input type="checkbox"/> transfac_pro_M08931 Description: V\$JUND FRA2_01: JUND:FRA-2 Possible TFs: FOSL2	4.27471			<a href="#">link</a>	<a href="#">link</a>	PWMs
37	<input type="checkbox"/> factorbook_API1 Description: AP1 Possible TFs: BATF, FOS, JUNB, JUN, JUND, FOSL1, FOSL2	4.26428			<a href="#">link</a>	<a href="#">link</a>	PWMs
38	<input type="checkbox"/> dbcorrd_b_TCF12_ENCSR000BQQ_1_m2 Description: TCF12 (ENCSR000BQQ-1, motif 2) Possible TFs: TCF12	4.25875			<a href="#">link</a>	<a href="#">link</a>	PWMs
39	<input type="checkbox"/> cisbp_M6230 Description: FOSL2[gene ID: "ENSG00000075426" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOSL2	4.25863			<a href="#">link</a>	<a href="#">link</a>	PWMs
40	<input type="checkbox"/> homer_DATGASTCATHN_Atf3 Description: Atf3(bZIP)/GBM-ATF3-ChIP-Seq(GSE33912)/Homer Possible TFs: ATF3	4.25312			<a href="#">link</a>	<a href="#">link</a>	PWMs

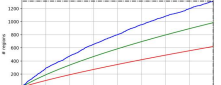
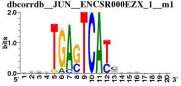
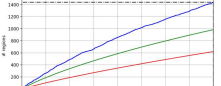
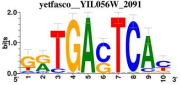
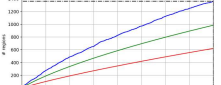


#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
41	<input type="checkbox"/> dbcorrd_b_FOSL2__ENCSR000BQO_1__m1 Description: FOSL2 (ENCSR000BQO-1, motif 1) Possible TFs: FOSL2	4.23137			<a href="#">link</a>	<a href="#">link</a>	PWMs
42	<input type="checkbox"/> dbcorrd_b_GATA2__ENCSR000EVW_1__m3 Description: GATA2 (ENCSR000EVW-1, motif 3) Possible TFs: GATA2	4.22619			<a href="#">link</a>	<a href="#">link</a>	PWMs
43	<input type="checkbox"/> dbcorrd_b_FOSL2__ENCSR000BHP_1__m1 Description: FOSL2 (ENCSR000BHP-1, motif 1) Possible TFs: FOSL2	4.21872			<a href="#">link</a>	<a href="#">link</a>	PWMs
44	<input type="checkbox"/> transfac_pro__M08925 Description: V\$JUNBFOS_01: JUNB:C-FOS Possible TFs: JUNB	4.21219			<a href="#">link</a>	<a href="#">link</a>	PWMs
45	<input type="checkbox"/> hocomoco__FOS_MOUSE.H11MO.0.A Description: FOS_MOUSE Possible TFs: FOS	4.20164			<a href="#">link</a>	<a href="#">link</a>	PWMs
46	<input type="checkbox"/> cisbp__M4565 Description: FOSL2[ <i>gene ID</i> : "ENSG00000075426" <i>species</i> : "Homo sapiens" <i>TF status</i> : "direct" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"]; Fos[ <i>gene ID</i> : "ENSMUSG00000021250" <i>species</i> : "Mus musculus" <i>TF status</i> : "inferred" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"]; Fosb[ <i>gene ID</i> : "ENSMUSG00000003545" <i>species</i> : "Mus musculus" <i>TF status</i> : "inferred" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"] Possible TFs: FOSL2	4.19941			<a href="#">link</a>	<a href="#">link</a>	PWMs
47	<input type="checkbox"/> cisbp__M6318 Description: JUND[ <i>gene ID</i> : "ENSG00000130522" <i>species</i> : "Homo sapiens" <i>TF status</i> : "direct" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"] Possible TFs: JUND	4.19916			<a href="#">link</a>	<a href="#">link</a>	PWMs
48	<input type="checkbox"/> dbcorrd_b_JUND__ENCSR000EDH_1__m1 Description: JUND (ENCSR000EDH-1, motif 1) Possible TFs: JUND	4.19756			<a href="#">link</a>	<a href="#">link</a>	PWMs
49	<input type="checkbox"/> swissregulon__sacCer__GCN4 Description: sacCer__GCN4	4.19375			<a href="#">link</a>	<a href="#">link</a>	PWMs
50	<input type="checkbox"/> dbcorrd_b_JUN__ENCSR000EDG_1__m1 Description: JUN (ENCSR000EDG-1, motif 1) Possible TFs: JUN	4.19189			<a href="#">link</a>	<a href="#">link</a>	PWMs
51	<input type="checkbox"/> homer__GATGACTCATCN_Jun-API Description: Jun-API(bZIP)/K562-cJun-ChIP-Seq(GSE31477)/Homer Possible TFs: JUN	4.19068			<a href="#">link</a>	<a href="#">link</a>	PWMs
52	<input type="checkbox"/> scertf__spivak.GCN4 Description: spivak.GCN4	4.18856			<a href="#">link</a>	<a href="#">link</a>	PWMs

#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
53	<input type="checkbox"/> flyfactorsurvey__kay_Jra_SANGER_5_FBgn0001291 Description: kay_Jra_SANGER_5_FBgn0001291 Possible TFs: JUNB, JUN, JUND	4.18639			<a href="#">link</a>	<a href="#">link</a>	PWMs
54	<input type="checkbox"/> cisbp__M4607 Description: FOS[gene ID: "ENSG00000170345" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]; Fos[gene ID: "ENSMUSG00000021250" species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]; Fosb[gene ID: "ENSMUSG00000003545" species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOS	4.18468			<a href="#">link</a>	<a href="#">link</a>	PWMs
55	<input type="checkbox"/> hocomoco__FOSL2_MOUSE.H11MO.0.A Description: FOSL2_MOUSE Possible TFs: FOSL2	4.18405			<a href="#">link</a>	<a href="#">link</a>	PWMs
56	<input type="checkbox"/> cisbp__M5050 Description: Jra[gene ID: "FBgn0001291" species: "Drosophila melanogaster" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUNB, JUN, JUND	4.17876			<a href="#">link</a>	<a href="#">link</a>	PWMs
57	<input type="checkbox"/> hocomoco__JUND_HUMAN.H11MO.0.A Description: JUND_HUMAN Possible TFs: JUND	4.17477			<a href="#">link</a>	<a href="#">link</a>	PWMs
58	<input type="checkbox"/> hocomoco__JUN_MOUSE.H11MO.0.A Description: JUN_MOUSE Possible TFs: JUN	4.17054			<a href="#">link</a>	<a href="#">link</a>	PWMs
59	<input type="checkbox"/> jaspar__MA0489.1 Description: JUN(var.2) Possible TFs: JUN	4.15691			<a href="#">link</a>	<a href="#">link</a>	PWMs
60	<input type="checkbox"/> swissregulon__hs__FOS_FOS_B_L1__JUN_B_D_.p2 Description: hs__FOS_FOS{B,L1}_JUN{B,D}.p2 Possible TFs: FOSB, JUNB, FOSL1, JUND, FOS	4.14124			<a href="#">link</a>	<a href="#">link</a>	PWMs
61	<input type="checkbox"/> hocomoco__FOSB_HUMAN.H11MO.0.A Description: FOSB_HUMAN Possible TFs: FOSB	4.13588			<a href="#">link</a>	<a href="#">link</a>	PWMs
62	<input type="checkbox"/> cisbp__M2292 Description: JUND[gene ID: "ENSG00000130522" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUND	4.13396			<a href="#">link</a>	<a href="#">link</a>	PWMs
63	<input type="checkbox"/> ENCF001SQN Description: DNase-seq on human HA-sp	4.12734			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
64	<input type="checkbox"/> cisbp__M2290 Description: JUN[gene ID: "ENSG00000177606" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUN	4.12587			<a href="#">link</a>	<a href="#">link</a>	PWMs

12/22/21, 1:56 PM		i-cisTarget: results for Butyrate-DARs-cattle					All	
#	Feature	NES	Logo	Recovery Curve	Candidate targets	regions in top 20000	Database	
65	<div><input type="checkbox"/> homer__DATGASTCAT_BATF</div> <div>Description: BATF(bZIP)/Th17-BATF-ChIP-Seq(GSE39756)/Homer</div> <div>Possible TFs: BATF</div>	4.12486			<a href="#">link</a>	<a href="#">link</a>	PWMs	
66	<div><input type="checkbox"/> ENCF001WHB</div> <div>Description: DNase-seq on human HA-sp</div>	4.12463			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE	
67	<div><input type="checkbox"/> dbcorrd__STAT3__ENCSR000DOU_1__m2</div> <div>Description: STAT3 (ENCSR000DOU-1, motif 2)</div> <div>Possible TFs: STAT3</div>	4.12427			<a href="#">link</a>	<a href="#">link</a>	PWMs	
68	<div><input type="checkbox"/> dbcorrd__FOS__ENCSR000EZE_1__m1</div> <div>Description: FOS (ENCSR000EZE-1, motif 1)</div> <div>Possible TFs: FOS</div>	4.11671			<a href="#">link</a>	<a href="#">link</a>	PWMs	
69	<div><input type="checkbox"/> jasper__MA0491.1</div> <div>Description: JUND</div> <div>Possible TFs: JUND</div>	4.11409			<a href="#">link</a>	<a href="#">link</a>	PWMs	
70	<div><input type="checkbox"/> cisbp__M2279</div> <div>Description: FOSL1[<i>gene ID</i>: "ENSG00000175592" <i>species</i>: "Homo sapiens" <i>TF status</i>: "direct" <i>TF family</i>: "bZIP" <i>DBDs</i>: "bZIP_1"]; Fos[<i>gene ID</i>: "ENSMUSG00000021250" <i>species</i>: "Mus musculus" <i>TF status</i>: "inferred" <i>TF family</i>: "bZIP" <i>DBDs</i>: "bZIP_1"]; Fosb[<i>gene ID</i>: "ENSMUSG00000003545" <i>species</i>: "Mus musculus" <i>TF status</i>: "inferred" <i>TF family</i>: "bZIP" <i>DBDs</i>: "bZIP_1"]</div> <div>Possible TFs: FOSL1</div>	4.11047			<a href="#">link</a>	<a href="#">link</a>	PWMs	
71	<div><input type="checkbox"/> yetfasco__YEL009C_1363</div> <div>Description: YEL009C_1363</div>	4.10214			<a href="#">link</a>	<a href="#">link</a>	PWMs	
72	<div><input type="checkbox"/> taipale_cyt_meth__JDP2_NRTGASTCAYN_FL_meth</div> <div>Description: JDP2 [bZIP, CpG-meth]</div> <div>Possible TFs: JDP2</div>	4.09189			<a href="#">link</a>	<a href="#">link</a>	PWMs	
73	<div><input type="checkbox"/> transfac_pro__M08929</div> <div>Description: V\$JUNDFRA1_01: JUND:FRA-1</div> <div>Possible TFs: FOSL1</div>	4.08358			<a href="#">link</a>	<a href="#">link</a>	PWMs	
74	<div><input type="checkbox"/> hocomoco__JUN_HUMAN.H11MO.0.A</div> <div>Description: JUN_HUMAN</div> <div>Possible TFs: JUN</div>	4.08091			<a href="#">link</a>	<a href="#">link</a>	PWMs	
75	<div><input type="checkbox"/> jasper__MA0477.1</div> <div>Description: FOSL1</div> <div>Possible TFs: FOSL1</div>	4.07451			<a href="#">link</a>	<a href="#">link</a>	PWMs	
76	<div><input type="checkbox"/> swissregulon__hs__BACH2.p2</div> <div>Description: hs__BACH2.p2</div> <div>Possible TFs: BACH2</div>	4.07390			<a href="#">link</a>	<a href="#">link</a>	PWMs	

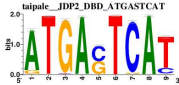
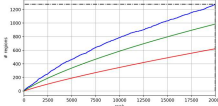
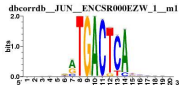
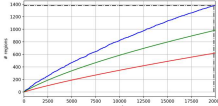
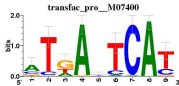
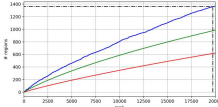
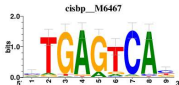
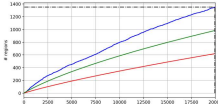
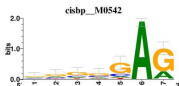
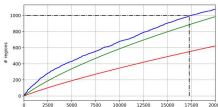
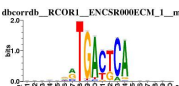
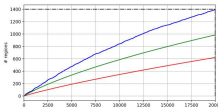

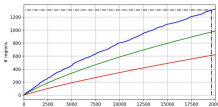

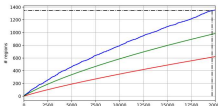
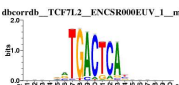
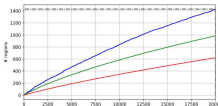
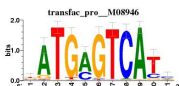
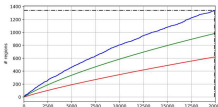
#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
77	<div><input type="checkbox"/> dbcorrdB__MYC__ENCSR000DOM_1__m2</div> <div>Description: MYC (ENCSR000DOM-1, motif 2)</div> <div>Possible TFs: MYC</div>	4.07318			<a href="#">link</a>	<a href="#">link</a>	PWMs
78	<div><input type="checkbox"/> taipale_tf_pairs__BACH1_ATGACTCAT_HT</div> <div>Description: BACH1 [bZIP]</div> <div>Possible TFs: BACH1</div>	4.06108			<a href="#">link</a>	<a href="#">link</a>	PWMs
79	<div><input type="checkbox"/> cisbp__M4506</div> <div>Description: JUND[<i>gene ID: "ENSG00000130522" species: "Homo sapiens"</i> TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]</div> <div>Possible TFs: JUND</div>	4.05024			<a href="#">link</a>	<a href="#">link</a>	PWMs
80	<div><input type="checkbox"/> transfac_pro__M08926</div> <div>Description: V\$JUNB_02: JUNB</div> <div>Possible TFs: JUNB</div>	4.04742			<a href="#">link</a>	<a href="#">link</a>	PWMs
81	<div><input type="checkbox"/> dbcorrdB__SMARCC1__ENCSR000EDM_1__m1</div> <div>Description: SMARCC1 (ENCSR000EDM-1, motif 1)</div> <div>Possible TFs: SMARCC1</div>	4.04168			<a href="#">link</a>	<a href="#">link</a>	PWMs
82	<div><input type="checkbox"/> dbcorrdB__eGFP-JUNB__ENCSR000DJY_1__m1</div> <div>Description: eGFP-JUNB (ENCSR000DJY-1, motif 1)</div>	4.04075			<a href="#">link</a>	<a href="#">link</a>	PWMs
83	<div><input type="checkbox"/> taipale_cyt_meth__NFE2_NATGASTCATN_eDBD_meth_repr</div> <div>Description: NFE2 [bZIP, CpG-meth]</div> <div>Possible TFs: NFE2</div>	4.03805			<a href="#">link</a>	<a href="#">link</a>	PWMs
84	<div><input type="checkbox"/> dbcorrdB__BCL3__ENCSR000BQH_1__m2</div> <div>Description: BCL3 (ENCSR000BQH-1, motif 2)</div> <div>Possible TFs: BCL3</div>	4.03500			<a href="#">link</a>	<a href="#">link</a>	PWMs
85	<div><input type="checkbox"/> dbcorrdB__JUND__ENCSR000BGK_1__m1</div> <div>Description: JUND (ENCSR000BGK-1, motif 1)</div> <div>Possible TFs: JUND</div>	4.03351			<a href="#">link</a>	<a href="#">link</a>	PWMs
86	<div><input type="checkbox"/> dbcorrdB__STAT3__ENCSR000EDC_1__m1</div> <div>Description: STAT3 (ENCSR000EDC-1, motif 1)</div> <div>Possible TFs: STAT3</div>	4.01534			<a href="#">link</a>	<a href="#">link</a>	PWMs
87	<div><input type="checkbox"/> cisbp__M4608</div> <div>Description: JUN[<i>gene ID: "ENSG00000177606" species: "Homo sapiens"</i> TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]</div> <div>Possible TFs: JUN</div>	4.01147			<a href="#">link</a>	<a href="#">link</a>	PWMs
88	<div><input type="checkbox"/> dbcorrdB__EP300__ENCSR000BPW_1__m1</div> <div>Description: EP300 (ENCSR000BPW-1, motif 1)</div> <div>Possible TFs: EP300</div>	4.00327			<a href="#">link</a>	<a href="#">link</a>	PWMs
89	<div><input type="checkbox"/> cisbp__M4591</div> <div>Description: JUN[<i>gene ID: "ENSG00000177606" species: "Homo sapiens"</i> TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]</div> <div>Possible TFs: JUN</div>	3.99247			<a href="#">link</a>	<a href="#">link</a>	PWMs

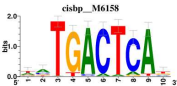
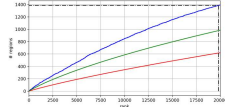
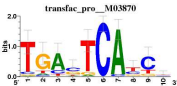
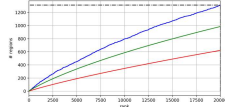
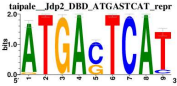
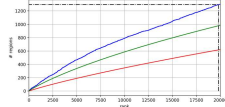
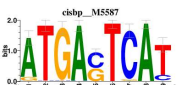
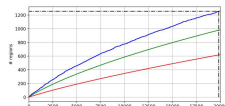
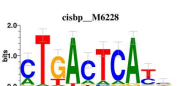
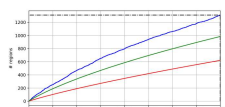

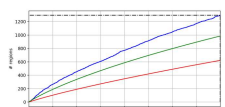

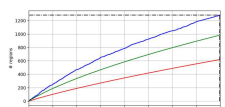

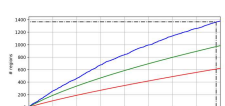
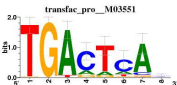
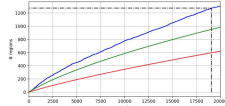
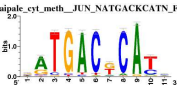
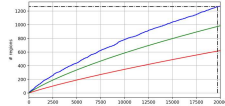
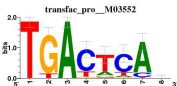
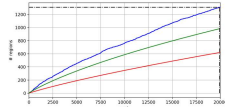
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					Candidate targets	regions in top 20000	Database
90	<input type="checkbox"/> cisbp_M4530 Description: FOS[ <i>gene ID: "ENSG00000170345"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]; Fos[ <i>gene ID: "ENSMUSG00000021250"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]; Fosb[ <i>gene ID: "ENSMUSG00000003545"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOS	3.98794			<a href="#">link</a>	<a href="#">link</a>	PWMs
91	<input type="checkbox"/> transfac_pro_M08934 Description: V\$JUND_06: JUND Possible TFs: JUND	3.98466			<a href="#">link</a>	<a href="#">link</a>	PWMs
92	<input type="checkbox"/> dbcorrdB_STAT3_ENCSR000DPB_1_m2 Description: STAT3 (ENCSR000DPB-1, motif 2) Possible TFs: STAT3	3.97824			<a href="#">link</a>	<a href="#">link</a>	PWMs
93	<input type="checkbox"/> transfac_pro_M04693 Description: V\$FOS_02: c-Fos Possible TFs: FOS	3.97472			<a href="#">link</a>	<a href="#">link</a>	PWMs
94	<input type="checkbox"/> dbcorrdB_JUN_ENCSR000EZ_1_m1 Description: JUN (ENCSR000EZ-1, motif 1) Possible TFs: JUN	3.96928			<a href="#">link</a>	<a href="#">link</a>	PWMs
95	<input type="checkbox"/> dbcorrdB_JUND_ENCSR000EIB_1_m1 Description: JUND (ENCSR000EIB-1, motif 1) Possible TFs: JUND	3.96493			<a href="#">link</a>	<a href="#">link</a>	PWMs
96	<input type="checkbox"/> yetfasco_YIL056W_2091 Description: YIL056W_2091	3.95897			<a href="#">link</a>	<a href="#">link</a>	PWMs
97	<input type="checkbox"/> cisbp_M4526 Description: SMARCC1[ <i>gene ID: "ENSG00000173473"</i> species: "Homo sapiens" TF status: "direct" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"]; Smarcc1[ <i>gene ID: "ENSMUSG00000032481"</i> species: "Mus musculus" TF status: "inferred" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"]; Smarcc2[ <i>gene ID: "ENSMUSG00000025369"</i> species: "Mus musculus" TF status: "inferred" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"]; mor[ <i>gene ID: "FBgn0002783"</i> species: "Drosophila melanogaster" TF status: "inferred" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"] Possible TFs: SMARCC1	3.93696			<a href="#">link</a>	<a href="#">link</a>	PWMs
98	<input type="checkbox"/> cisbp_M6317 Description: JUNB[ <i>gene ID: "ENSG00000171223"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUNB	3.93349			<a href="#">link</a>	<a href="#">link</a>	PWMs
99	<input type="checkbox"/> neph_UW.Motif.0001 Description: atgactca	3.91833			<a href="#">link</a>	<a href="#">link</a>	PWMs



#	Feature	NES	Logo	Recovery Curve	All		
					Candidate targets	regions in top 20000	Database
100	<input type="checkbox"/> transfac_pro_M08914 Description: V\$FRA2_01: FRA-2 Possible TFs: FOSL2	3.89336			<a href="#">link</a>	<a href="#">link</a>	PWMs
101	<input type="checkbox"/> transfac_pro_M08944 Description: V\$JUNBFOS_02: JUNB:C-FOS Possible TFs: JUNB	3.86173			<a href="#">link</a>	<a href="#">link</a>	PWMs
102	<input type="checkbox"/> dbcorrd_b_eGFP-FOS__ENCSR000DKB_1__m1 Description: eGFP-FOS (ENCSR000DKB-1, motif 1)	3.85448			<a href="#">link</a>	<a href="#">link</a>	PWMs
103	<input type="checkbox"/> transfac_pro_M01267 Description: V\$FRA1_Q5: Fra-1 Possible TFs: FOSL1	3.85329			<a href="#">link</a>	<a href="#">link</a>	PWMs
104	<input type="checkbox"/> taipale_cyt_meth__NFE2_NATGASTCATN_eDBD Description: NFE2 [bZIP] Possible TFs: NFE2	3.85158			<a href="#">link</a>	<a href="#">link</a>	PWMs
105	<input type="checkbox"/> cisbp_M4625 Description: JUND[ gene ID: "ENSG00000130522" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUND	3.84940			<a href="#">link</a>	<a href="#">link</a>	PWMs
106	<input type="checkbox"/> jaspar_MA0303.1 Description: GCN4	3.84804			<a href="#">link</a>	<a href="#">link</a>	PWMs
107	<input type="checkbox"/> hocomoco__ATF3_MOUSE.H11MO.0.A Description: ATF3_MOUSE Possible TFs: ATF3	3.84590			<a href="#">link</a>	<a href="#">link</a>	PWMs
108	<input type="checkbox"/> dbcorrd_b_FOSL1__ENCSR000BMV_1__m1 Description: FOSL1 (ENCSR000BMV-1, motif 1) Possible TFs: FOSL1	3.83830			<a href="#">link</a>	<a href="#">link</a>	PWMs
109	<input type="checkbox"/> cisbp_M4684 Description: ATF3[ gene ID: "ENSG00000162772" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: ATF3	3.83542			<a href="#">link</a>	<a href="#">link</a>	PWMs
110	<input type="checkbox"/> transfac_pro_M01555 Description: F\$GCN4_02: Gcn4p	3.82646			<a href="#">link</a>	<a href="#">link</a>	PWMs
111	<input type="checkbox"/> dbcorrd_b_JUN__ENCSR000EJT_1__m1 Description: JUN (ENCSR000EJT-1, motif 1) Possible TFs: JUN	3.82502			<a href="#">link</a>	<a href="#">link</a>	PWMs
112	<input type="checkbox"/> transfac_public_M00199 Description: V\$AP1_C: AP-1 Possible TFs: JUN, FOS	3.81982			<a href="#">link</a>	<a href="#">link</a>	PWMs

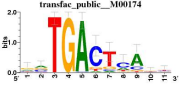
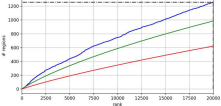

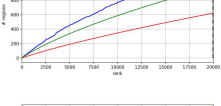

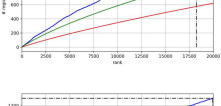
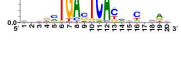
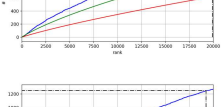
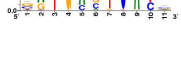
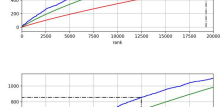

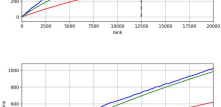

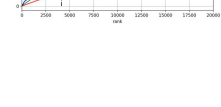
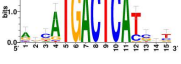
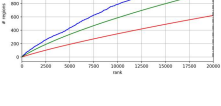

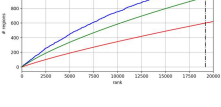
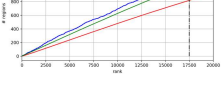

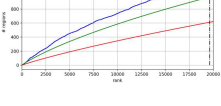
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113	<input type="checkbox"/> cisbp__M2108 Description: GCN4[ <i>gene ID: "YEL009C" species: "Saccharomyces cerevisiae"</i> TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]	3.81249			<a href="#">link</a>	<a href="#">link</a>	PWMS
114	<input type="checkbox"/> dbcorrd__CEBPB__ENCSR000EFM_1__m2 Description: CEBPB (ENCSR000EFM-1, motif 2) Possible TFs: CEBPB	3.80631			<a href="#">link</a>	<a href="#">link</a>	PWMS
115	<input type="checkbox"/> dbcorrd__JUN__ENCSR000FAH_1__m1 Description: JUN (ENCSR000FAH-1, motif 1) Possible TFs: JUN	3.79810			<a href="#">link</a>	<a href="#">link</a>	PWMS
116	<input type="checkbox"/> transfac_pro__M03866 Description: V\$CFOSCJUN_Q5: c-Fos:c-Jun Possible TFs: JUN, FOS	3.79684			<a href="#">link</a>	<a href="#">link</a>	PWMS
117	<input type="checkbox"/> dbcorrd__EP300__ENCSR000ECV_1__m1 Description: EP300 (ENCSR000ECV-1, motif 1) Possible TFs: EP300	3.78956			<a href="#">link</a>	<a href="#">link</a>	PWMS
118	<input type="checkbox"/> homer__NATGASTCABNN_FosI2 Description: FosI2(bZIP)/3T3L1-FosI2-ChIP-Seq(GSE56872)/Homer Possible TFs: FOSL2	3.78040			<a href="#">link</a>	<a href="#">link</a>	PWMS
119	<input type="checkbox"/> hocomoco__JUNB_HUMAN.H11MO.0.A Description: JUNB_HUMAN Possible TFs: JUNB	3.77873			<a href="#">link</a>	<a href="#">link</a>	PWMS
120	<input type="checkbox"/> taipale__JDP2_full_ATGASTCAT Description: JDP2 dimeric bZIP full Possible TFs: JDP2	3.77770			<a href="#">link</a>	<a href="#">link</a>	PWMS
121	<input type="checkbox"/> taipale_cyt_meth__JUN_NATGACTCATN_FL_meth Description: JUN [bZIP, CpG-meth] Possible TFs: JUN	3.77460			<a href="#">link</a>	<a href="#">link</a>	PWMS
122	<input type="checkbox"/> transfac_public__M00517 Description: V\$AP1_01: AP-1 Possible TFs: FOS, FOSB, JUNB, JUN, JUND, FOSL1	3.73107			<a href="#">link</a>	<a href="#">link</a>	PWMS
123	<input type="checkbox"/> yetfasco__YER064C_2094 Description: YER064C_2094	3.72835			<a href="#">link</a>	<a href="#">link</a>	PWMS
124	<input type="checkbox"/> cisbp__M5589 Description: JDP2[ <i>gene ID: "ENSG00000140044" species: "Homo sapiens"</i> TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JDP2	3.72131			<a href="#">link</a>	<a href="#">link</a>	PWMS
125	<input type="checkbox"/> dbcorrd__JUN__ENCSR000EFS_1__m1 Description: JUN (ENCSR000EFS-1, motif 1) Possible TFs: JUN	3.72089			<a href="#">link</a>	<a href="#">link</a>	PWMS

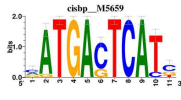
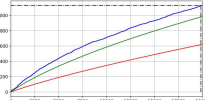
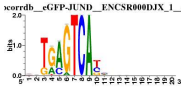
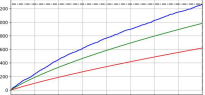
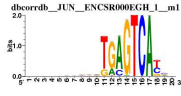
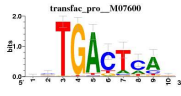
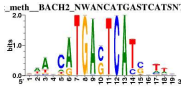
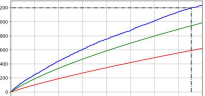
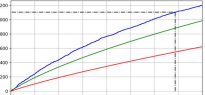
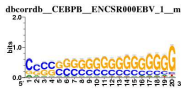
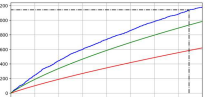

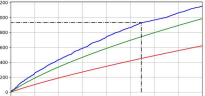
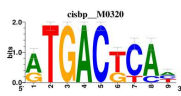
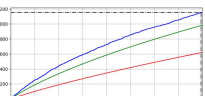
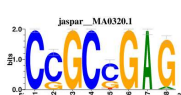
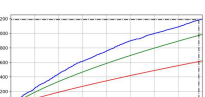
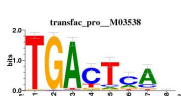
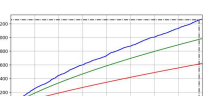
#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
126	<div><input type="checkbox"/> taipale__JDP2_DBD_ATGASTCAT</div> <div>Description: JDP2 dimeric bZIP DBD</div> <div>Possible TFs: JDP2</div>	3.72042			<a href="#">link</a>	<a href="#">link</a>	PWMs
127	<div><input type="checkbox"/> dbcorrd__JUN_ENCSR000EZW_1__m1</div> <div>Description: JUN (ENCSR000EZW-1, motif 1)</div> <div>Possible TFs: JUN</div>	3.71767			<a href="#">link</a>	<a href="#">link</a>	PWMs
128	<div><input type="checkbox"/> transfac_pro__M07400</div> <div>Description: F\$IDI4_01: IDI4</div>	3.70672			<a href="#">link</a>	<a href="#">link</a>	PWMs
129	<div><input type="checkbox"/> cisbp__M6467</div> <div>Description: SMARCC1[ gene ID: "ENSG00000173473" species: "Homo sapiens" TF status: "direct" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"]; Smarcc1[ gene ID: "ENSMUSG00000032481" species: "Mus musculus" TF status: "inferred" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"]; Smarcc2[ gene ID: "ENSMUSG00000025369" species: "Mus musculus" TF status: "inferred" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"]; mor[ gene ID: "FBgn0002783" species: "Drosophila melanogaster" TF status: "inferred" TF family: "Myb/SANT" DBDs: "Myb_DNA-binding"]</div> <div>Possible TFs: SMARCC1</div>	3.70644			<a href="#">link</a>	<a href="#">link</a>	PWMs
130	<div><input type="checkbox"/> cisbp__M0542</div> <div>Description: YPR015C[ gene ID: "YPR015C" species: "Saccharomyces cerevisiae" TF status: "direct" TF family: "C2H2 ZF" DBDs: "zf-C2H2"]</div>	3.69489			<a href="#">link</a>	<a href="#">link</a>	PWMs
131	<div><input type="checkbox"/> dbcorrd__RCOR1_ENCSR000ECM_1__m1</div> <div>Description: RCOR1 (ENCSR000ECM-1, motif 1)</div> <div>Possible TFs: RCOR1</div>	3.69369			<a href="#">link</a>	<a href="#">link</a>	PWMs
132	<div><input type="checkbox"/> taipale_cyt_meth__JUN_NATGASTCATN_FL_meth</div> <div>Description: JUN [bZIP, CpG-meth]</div> <div>Possible TFs: JUN</div>	3.68149			<a href="#">link</a>	<a href="#">link</a>	PWMs
133	<div><input type="checkbox"/> taipale_cyt_meth__JUNB_NATGASTCAYN_eDBD_meth</div> <div>Description: JUNB [bZIP, CpG-meth]</div> <div>Possible TFs: JUNB</div>	3.67249			<a href="#">link</a>	<a href="#">link</a>	PWMs
134	<div><input type="checkbox"/> dbcorrd__TCF7L2_ENCSR000EUV_1__m2</div> <div>Description: TCF7L2 (ENCSR000EUV-1, motif 2)</div> <div>Possible TFs: TCF7L2</div>	3.67124			<a href="#">link</a>	<a href="#">link</a>	PWMs
135	<div><input type="checkbox"/> transfac_pro__M08946</div> <div>Description: V\$FOS_08: C-FOS</div> <div>Possible TFs: FOS</div>	3.66936			<a href="#">link</a>	<a href="#">link</a>	PWMs

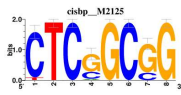
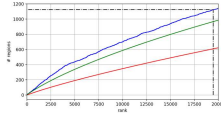
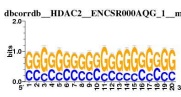
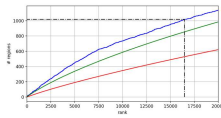
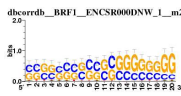
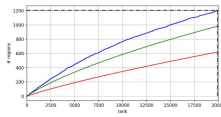
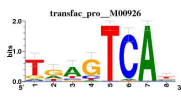
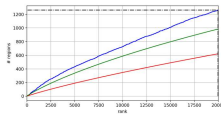
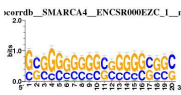
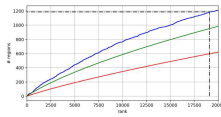
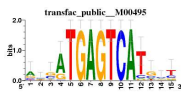
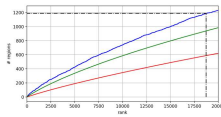
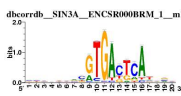
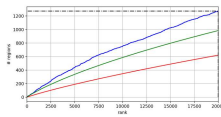
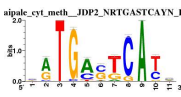
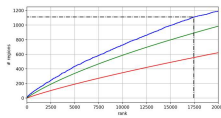
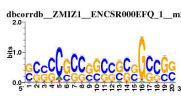
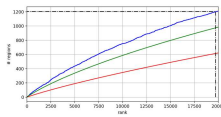
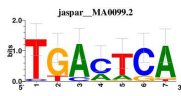
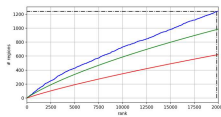
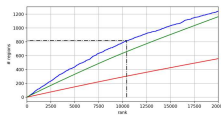
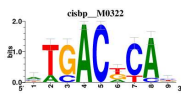
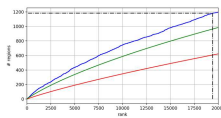
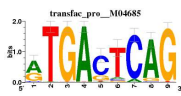
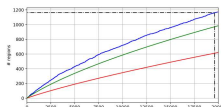
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136	<div><input type="checkbox"/> cisbp__M6158</div> <div>Description: BATF[<i>gene ID: "ENSG00000156127"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]; Batf3[<i>gene ID: "ENSMUSG00000026630"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]; Batf[<i>gene ID: "ENSMUSG00000034266"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: BATF</div>	3.65907			<a href="#">link</a>	<a href="#">link</a>	PWMs
137	<div><input type="checkbox"/> transfac_pro__M03870</div> <div>Description: V\$FRA2_Q4_01: Fra-2 Possible TFs: FOSL2</div>	3.65186			<a href="#">link</a>	<a href="#">link</a>	PWMs
138	<div><input type="checkbox"/> taipale__Jdp2_DBD_ATGASTCAT_repr</div> <div>Description: Jdp2 dimeric bZIP DBD Possible TFs: JDP2</div>	3.64944			<a href="#">link</a>	<a href="#">link</a>	PWMs
139	<div><input type="checkbox"/> cisbp__M5587</div> <div>Description: JDP2[<i>gene ID: "ENSG00000140044"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JDP2</div>	3.64583			<a href="#">link</a>	<a href="#">link</a>	PWMs
140	<div><input type="checkbox"/> cisbp__M6228</div> <div>Description: FOSB[<i>gene ID: "ENSG00000125740"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]; Fos[<i>gene ID: "ENSMUSG00000021250"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]; Fosb[<i>gene ID: "ENSMUSG0000003545"</i> species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: FOSB</div>	3.64300			<a href="#">link</a>	<a href="#">link</a>	PWMs
141	<div><input type="checkbox"/> transfac_pro__M02095</div> <div>Description: V\$FRA1_Q6: Fra-1 Possible TFs: FOSL1</div>	3.63363			<a href="#">link</a>	<a href="#">link</a>	PWMs
142	<div><input type="checkbox"/> transfac_pro__M07685</div> <div>Description: I\$KAY_Q1: kay Possible TFs: FOSB, FOSL2, FOSL1, FOS</div>	3.62974			<a href="#">link</a>	<a href="#">link</a>	PWMs
143	<div><input type="checkbox"/> cisbp__M4541</div> <div>Description: JUND[<i>gene ID: "ENSG00000130522"</i> species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"] Possible TFs: JUND</div>	3.62749			<a href="#">link</a>	<a href="#">link</a>	PWMs
144	<div><input type="checkbox"/> transfac_pro__M03551</div> <div>Description: V\$JUNB_Q6: JunB Possible TFs: JUNB</div>	3.59082			<a href="#">link</a>	<a href="#">link</a>	PWMs
145	<div><input type="checkbox"/> taipale_cyt_meth__JUN_NATGACKCATN_FL</div> <div>Description: JUN [bZIP] Possible TFs: JUN</div>	3.57363			<a href="#">link</a>	<a href="#">link</a>	PWMs
146	<div><input type="checkbox"/> transfac_pro__M03552</div> <div>Description: V\$JUND_Q6: JunD Possible TFs: JUND</div>	3.57234			<a href="#">link</a>	<a href="#">link</a>	PWMs

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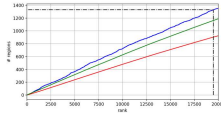
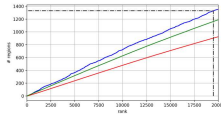
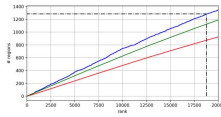
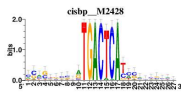
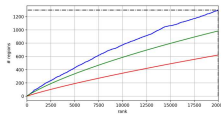
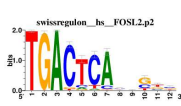
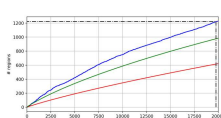

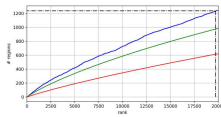
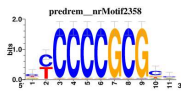
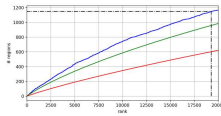
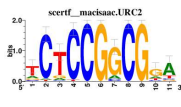
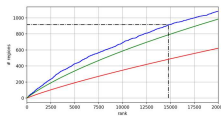
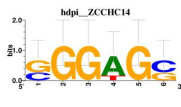
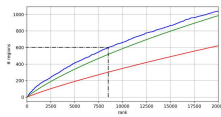
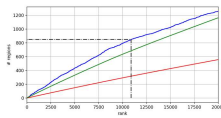
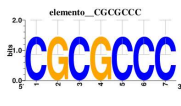
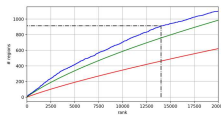
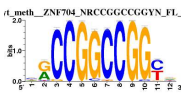
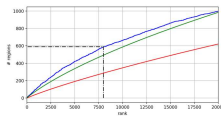
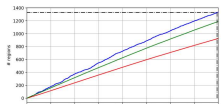


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159	Description: V\$AP1_Q6: AP-1 Possible TFs: JUN, FOS	3.49245			<a href="#">link</a>	<a href="#">link</a>	PWMs	
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160	Description: EZH2 (ENCSR000AQE-1, motif 9) Possible TFs: EZH2	3.45237			<a href="#">link</a>	<a href="#">link</a>	PWMs	
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161	Description: POLR2AphosphoS2 (ENCSR000DYF-1, motif 10) Possible TFs: POLR2A	3.44985			<a href="#">link</a>	<a href="#">link</a>	PWMs	
<input type="checkbox"/>	dbcorrdh_RCOR1_ENCSR000EFG_1_m1							
162	Description: RCOR1 (ENCSR000EFG-1, motif 1) Possible TFs: RCOR1	3.44478			<a href="#">link</a>	<a href="#">link</a>	PWMs	
<input type="checkbox"/>	taipale_cyt_meth_JDP2_GATGASTCATC_eDBD							
163	Description: JDP2 [bZIP] Possible TFs: JDP2	3.44229			<a href="#">link</a>	<a href="#">link</a>	PWMs	
<input type="checkbox"/>	dbcorrdh_NELFE_ENCSR000DOF_1_m6							
164	Description: NELFE (ENCSR000DOF-1, motif 6) Possible TFs: NELFE	3.44192			<a href="#">link</a>	<a href="#">link</a>	PWMs	
<input type="checkbox"/>	hdpi_MCTP2							
165	Description: MCTP2 Possible TFs: MCTP2	3.43699			<a href="#">link</a>	<a href="#">link</a>	PWMs	
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166	Description: BACH1[ <i>gene ID</i> : "ENSG00000156273" <i>species</i> : "Homo sapiens" <i>TF status</i> : "direct" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"]; Bach1[ <i>gene ID</i> : "ENSMUSG00000025612" <i>species</i> : "Mus musculus" <i>TF status</i> : "inferred" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"]; Bach2[ <i>gene ID</i> : "ENSMUSG00000040270" <i>species</i> : "Mus musculus" <i>TF status</i> : "inferred" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"] Possible TFs: BACH1	3.43606			<a href="#">link</a>	<a href="#">link</a>	PWMs	
<input type="checkbox"/>	dbcorrdh_ZMIZ1_ENCSR000EFQ_1_m1							
167	Description: ZMIZ1 (ENCSR000EFQ-1, motif 1) Possible TFs: ZMIZ1	3.43215			<a href="#">link</a>	<a href="#">link</a>	PWMs	
<input type="checkbox"/>	ENCF001WHU							
168	Description: DNase-seq on human HCFaa	3.43198			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE	
<input type="checkbox"/>	cisbp_M6229							
169	Description: FOSL1[ <i>gene ID</i> : "ENSG00000175592" <i>species</i> : "Homo sapiens" <i>TF status</i> : "direct" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"]; Fos[ <i>gene ID</i> : "ENSMUSG00000021250" <i>species</i> : "Mus musculus" <i>TF status</i> : "inferred" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"]; Fosb[ <i>gene ID</i> : "ENSMUSG00000003545" <i>species</i> : "Mus musculus" <i>TF status</i> : "inferred" <i>TF family</i> : "bZIP" <i>DBDs</i> : "bZIP_1"] Possible TFs: FOSL1	3.43090			<a href="#">link</a>	<a href="#">link</a>	PWMs	

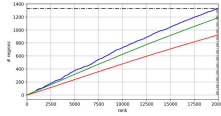
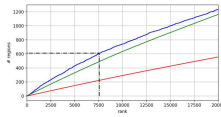
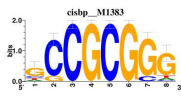
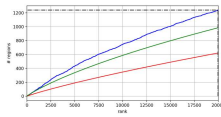
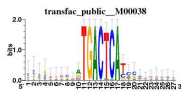
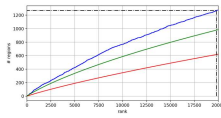
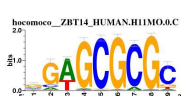
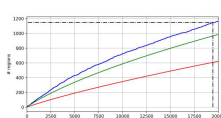
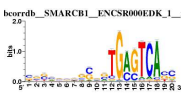
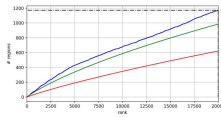
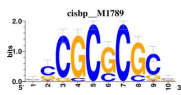
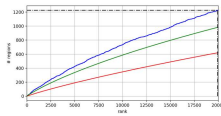
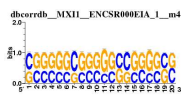
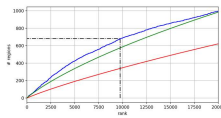
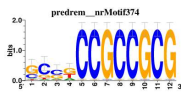
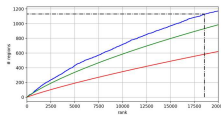
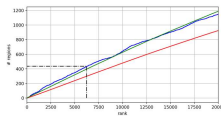
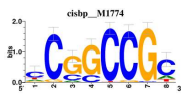
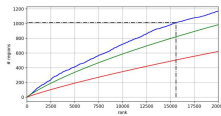
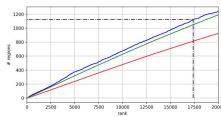
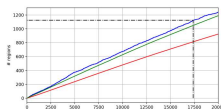
12/22/21, 1:56 PM		i-cisTarget: results for Butyrate-DARs-cattle				All		
#	Feature	NES	Logo	Recovery Curve	Candidate targets	regions in top 20000	Database	
170	<div><input type="checkbox"/> cisbp__M5659</div> <div>Description: NFE2[<i>gene ID: "ENSG00000123405" species: "Homo sapiens" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"; Nfe2[<i>gene ID: "ENSMUSG00000058794" species: "Mus musculus" TF status: "inferred" TF family: "bZIP" DBDs: "bZIP_1"]</i></i>]</div> <div>Possible TFs: NFE2</div>	3.42783			<a href="#">link</a>	<a href="#">link</a>	PWMs	
171	<div><input type="checkbox"/> dbcorrd__eGFP-JUND__ENCNR000DJX_1__m1</div> <div>Description: eGFP-JUND (ENCNR000DJX-1, motif 1)</div>	3.42356			<a href="#">link</a>	<a href="#">link</a>	PWMs	
172	<div><input type="checkbox"/> dbcorrd__JUN__ENCNR000EGH_1__m1</div> <div>Description: JUN (ENCNR000EGH-1, motif 1)</div> <div>Possible TFs: JUN</div>	3.41519			<a href="#">link</a>	<a href="#">link</a>	PWMs	
173	<div><input type="checkbox"/> transfac_pro__M07600</div> <div>Description: V\$CFOS_Q4: C-Fos</div> <div>Possible TFs: FOS</div>	3.40439			<a href="#">link</a>	<a href="#">link</a>	PWMs	
174	<div><input type="checkbox"/> taipale_cyt_meth__BACH2_NWANCATGASTCATSNTWN_eDBD</div> <div>Description: BACH2 [bZIP]</div> <div>Possible TFs: BACH2</div>	3.40350			<a href="#">link</a>	<a href="#">link</a>	PWMs	
175	<div><input type="checkbox"/> dbcorrd__SREBF1__ENCNR000EZF_1__m1</div> <div>Description: SREBF1 (ENCNR000EZF-1, motif 1)</div> <div>Possible TFs: SREBF1</div>	3.39863			<a href="#">link</a>	<a href="#">link</a>	PWMs	
176	<div><input type="checkbox"/> dbcorrd__CEBPB__ENCNR000EBV_1__m2</div> <div>Description: CEBPB (ENCNR000EBV-1, motif 2)</div> <div>Possible TFs: CEBPB</div>	3.39489			<a href="#">link</a>	<a href="#">link</a>	PWMs	
177	<div><input type="checkbox"/> taipale_cyt_meth__JDP2_NATGASTCAYN_eDBD_meth</div> <div>Description: JDP2 [bZIP, CpG-meth]</div> <div>Possible TFs: JDP2</div>	3.38721			<a href="#">link</a>	<a href="#">link</a>	PWMs	
178	<div><input type="checkbox"/> cisbp__M0320</div> <div>Description: Jund[<i>gene ID: "ENSMUSG00000071076" species: "Mus musculus" TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]</i>]</div> <div>Possible TFs: JUND</div>	3.38511			<a href="#">link</a>	<a href="#">link</a>	PWMs	
179	<div><input type="checkbox"/> jaspar__MA0320.1</div> <div>Description: IME1</div>	3.38164			<a href="#">link</a>	<a href="#">link</a>	PWMs	
180	<div><input type="checkbox"/> dbcorrd__BRF1__ENCNR000DOJ_1__m2</div> <div>Description: BRF1 (ENCNR000DOJ-1, motif 2)</div> <div>Possible TFs: BRF1</div>	3.38094			<a href="#">link</a>	<a href="#">link</a>	PWMs	
181	<div><input type="checkbox"/> transfac_pro__M03538</div> <div>Description: V\$AP1_Q6_02: AP-1</div> <div>Possible TFs: JUN, FOS</div>	3.38054			<a href="#">link</a>	<a href="#">link</a>	PWMs	

12/22/21, 1:56 PM		i-cisTarget: results for Butyrate-DARs-cattle			All		
#	Feature	NES	Logo	Recovery Curve	Candidate targets	regions in top 20000	Database
182	<input type="checkbox"/> cisbp_M2125 Description: IME1[ <i>gene ID: "YJR094C" species: "Saccharomyces cerevisiae" TF status: "direct" TF family: "Unknown" DBDs: "UNKNOWN"</i> ]	3.37625			<a href="#">link</a>	<a href="#">link</a>	PWMs
183	<input type="checkbox"/> dbcorrd_b_HDAC2_ENCSR000AQG_1_m4 Description: HDAC2 (ENCSR000AQG-1, motif 4) Possible TFs: HDAC2	3.35751			<a href="#">link</a>	<a href="#">link</a>	PWMs
184	<input type="checkbox"/> dbcorrd_b_BRF1_ENCSR000DNW_1_m2 Description: BRF1 (ENCSR000DNW-1, motif 2) Possible TFs: BRF1	3.34671			<a href="#">link</a>	<a href="#">link</a>	PWMs
185	<input type="checkbox"/> transfac_pro_M00926 Description: V\$AP1_Q4_01: AP-1 Possible TFs: FOS, FOSB, JUNB, JUN, JUND, FOSL1, FOSL2	3.31947			<a href="#">link</a>	<a href="#">link</a>	PWMs
186	<input type="checkbox"/> dbcorrd_b_SMARCA4_ENCSR000EYC_1_m10 Description: SMARCA4 (ENCSR000EYC-1, motif 10) Possible TFs: SMARCA4	3.31600			<a href="#">link</a>	<a href="#">link</a>	PWMs
187	<input type="checkbox"/> transfac_public_M00495 Description: V\$BACH1_01: Bach1 Possible TFs: BACH1	3.31247			<a href="#">link</a>	<a href="#">link</a>	PWMs
188	<input type="checkbox"/> dbcorrd_b_SIN3A_ENCSR000BRM_1_m1 Description: SIN3A (ENCSR000BRM-1, motif 1) Possible TFs: SIN3A	3.30958			<a href="#">link</a>	<a href="#">link</a>	PWMs
189	<input type="checkbox"/> taipale_cyt_meth_JDP2_NRTGASTCAYN_FL Description: JDP2 [bZIP] Possible TFs: JDP2	3.30844			<a href="#">link</a>	<a href="#">link</a>	PWMs
190	<input type="checkbox"/> dbcorrd_b_ZMIZ1_ENCSR000EFQ_1_m2 Description: ZMIZ1 (ENCSR000EFQ-1, motif 2) Possible TFs: ZMIZ1	3.30808			<a href="#">link</a>	<a href="#">link</a>	PWMs
191	<input type="checkbox"/> jaspar_MA0099.2 Description: FOS::JUN Possible TFs: JUN	3.30115			<a href="#">link</a>	<a href="#">link</a>	PWMs
192	<input type="checkbox"/> ENCF001XKD Description: H3K4me3 ChIP-seq on human WI-38	3.30098			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
193	<input type="checkbox"/> cisbp_M0322 Description: M0322	3.28224			<a href="#">link</a>	<a href="#">link</a>	PWMs
194	<input type="checkbox"/> transfac_pro_M04685 Description: V\$NFE2_04: NF-E2 Possible TFs: NFE2	3.27752			<a href="#">link</a>	<a href="#">link</a>	PWMs

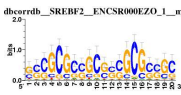
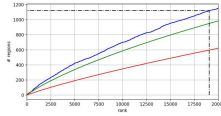
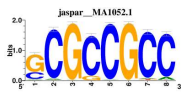
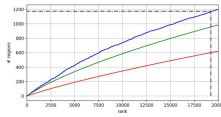
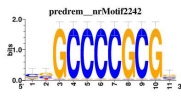
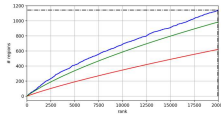
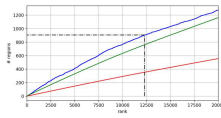
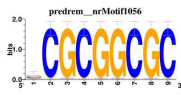
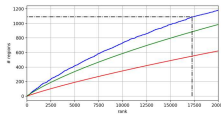
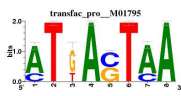
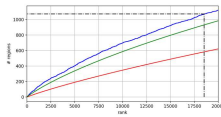
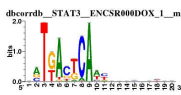
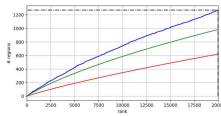
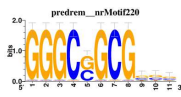
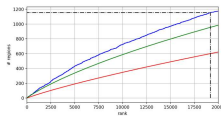
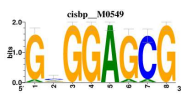
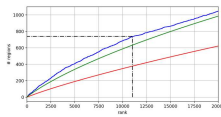
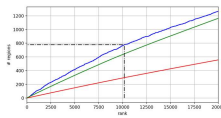
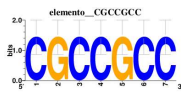
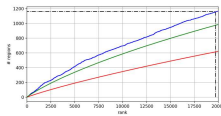
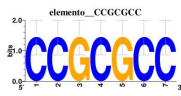
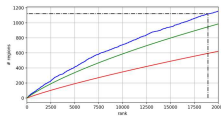
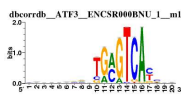
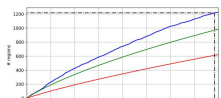
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#	Feature	NES	Logo	Recovery Curve	link	link	link
195	<input type="checkbox"/> ENCF001WPG Description: UW human LHCN-M2 DNase-seq	3.25957			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
196	<input type="checkbox"/> predrem__nrMotif95 Description: 260_H9_P42-DS18522.M174	3.25415			<a href="#">link</a>	<a href="#">link</a>	PWMs
197	<input type="checkbox"/> ENCF001UPC Description: FOSL2 ChIP-seq protocol v042211.1 on human SK-N-SH	3.25212			<a href="#">link</a>	<a href="#">link</a>	TF binding sites
198	<input type="checkbox"/> swissregulon__sacCer__NHP10 Description: sacCer__NHP10	3.25159			<a href="#">link</a>	<a href="#">link</a>	PWMs
199	<input type="checkbox"/> ENCF001WFC Description: UW human GM04503 DNase-seq	3.24954			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
200	<input type="checkbox"/> transfac_pro__M01643 Description: F\$NHP10_01: NHP10	3.24331			<a href="#">link</a>	<a href="#">link</a>	PWMs
201	<input type="checkbox"/> dbcorrd__ESRRA__ENCSR000DYQ_1__m5 Description: ESRRA (ENCSR000DYQ-1, motif 5) Possible TFs: ESRRA	3.24250			<a href="#">link</a>	<a href="#">link</a>	PWMs
202	<input type="checkbox"/> jasper__MA0344.1 Description: NHP10	3.24128			<a href="#">link</a>	<a href="#">link</a>	PWMs
203	<input type="checkbox"/> cisbp__M4220 Description: NHP10[gene ID: "YDL002C" species: "Saccharomyces cerevisiae" TF status: "direct" TF family: "Sox" DBDs: "HMG_box"]	3.24004			<a href="#">link</a>	<a href="#">link</a>	PWMs
204	<input type="checkbox"/> yetfasco__YDL002C_502 Description: YDL002C_502	3.23630			<a href="#">link</a>	<a href="#">link</a>	PWMs
205	<input type="checkbox"/> predrem__nrMotif1814 Description: 304_hTH1-DS7840.M463	3.23582			<a href="#">link</a>	<a href="#">link</a>	PWMs
206	<input type="checkbox"/> dbcorrd__MEF2A__ENCSR000BNV_1__m2 Description: MEF2A (ENCSR000BNV-1, motif 2) Possible TFs: MEF2A	3.23516			<a href="#">link</a>	<a href="#">link</a>	PWMs
207	<input type="checkbox"/> ENCF001XIE Description: H3K4me3 ChIP-seq on human NHLF	3.22909			<a href="#">link</a>	<a href="#">link</a>	Histone modifications

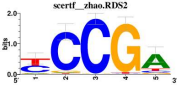
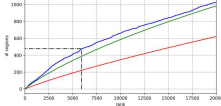
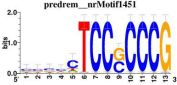
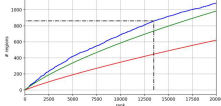
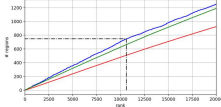
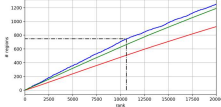
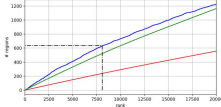
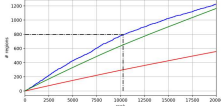
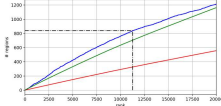
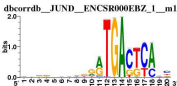
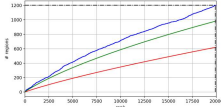
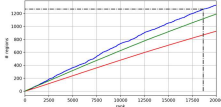
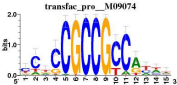
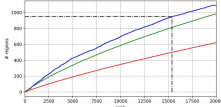
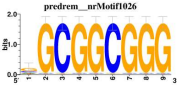
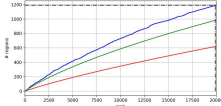
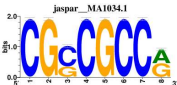
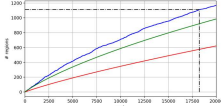
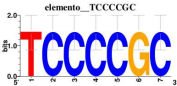
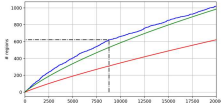
#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
208	<input type="checkbox"/> ENCF001SSA Description: DNase-seq on human NHLF	3.22735			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
209	<input type="checkbox"/> ENCF001WRL Description: DNase-seq on human NHLF	3.22735			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
210	<input type="checkbox"/> ENCF001WBU Description: DNase-seq on human NH-A	3.19764			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
211	<input type="checkbox"/> cisbp__M2428 Description: GCN4[ <i>gene ID: "YEL009C" species: "Saccharomyces cerevisiae"</i> TF status: "direct" TF family: "bZIP" DBDs: "bZIP_1"]	3.18283			<a href="#">link</a>	<a href="#">link</a>	PWMs
212	<input type="checkbox"/> swissregulon__hs__FOSL2.p2 Description: hs__FOSL2.p2 Possible TFs: FOSL2	3.18007			<a href="#">link</a>	<a href="#">link</a>	PWMs
213	<input type="checkbox"/> transfac_pro__M00925 Description: V\$AP1_Q6_01: AP-1 Possible TFs: FOS, FOSB, JUNB, JUN, JUND, FOSL1, FOSL2	3.17392			<a href="#">link</a>	<a href="#">link</a>	PWMs
214	<input type="checkbox"/> predrem__nrMotif2358 Description: 38_fBrain-DS20231.M303	3.17315			<a href="#">link</a>	<a href="#">link</a>	PWMs
215	<input type="checkbox"/> scertf__macisaac.URC2 Description: macisaac.URC2	3.17234			<a href="#">link</a>	<a href="#">link</a>	PWMs
216	<input type="checkbox"/> hdp1__ZCCHC14 Description: ZCCHC14 Possible TFs: ZCCHC14	3.16106			<a href="#">link</a>	<a href="#">link</a>	PWMs
217	<input type="checkbox"/> ENCF001XKE Description: H3K4me3 ChIP-seq on human WI-38	3.15549			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
218	<input type="checkbox"/> elemento__CGCGCCC Description: Conserved regulatory element CGCGCCC between Hs and Mm	3.15132			<a href="#">link</a>	<a href="#">link</a>	PWMs
219	<input type="checkbox"/> taipale_cyt_meth__ZNF704_NRCCGGCCGGYN_FL_meth_repr Description: ZNF704 [Znf_C2H2, CpG-meth] Possible TFs: ZNF704	3.15068			<a href="#">link</a>	<a href="#">link</a>	PWMs
220	<input type="checkbox"/> ENCF001SRX Description: DNase-seq on human NH-A	3.14921			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE



#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
221	<input type="checkbox"/> ENCF001WQR Description: DNase-seq on human NH-A	3.14921			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
222	<input type="checkbox"/> ENCF001XJZ Description: H3K4me3 ChIP-seq on human WI-38 treated with 4-hydroxy-tamoxifen at 20nM for 72 hours	3.14778			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
223	<input type="checkbox"/> cisbp__M1383 Description: M1383	3.14279			<a href="#">link</a>	<a href="#">link</a>	PWMs
224	<input type="checkbox"/> transfac_public__M00038 Description: F\$GCN4_01: Gcn4p	3.14069			<a href="#">link</a>	<a href="#">link</a>	PWMs
225	<input type="checkbox"/> hocomoco__ZBT14_HUMAN.H11MO.0.C Description: ZBT14_HUMAN Possible TFs: ZBTB14	3.13941			<a href="#">link</a>	<a href="#">link</a>	PWMs
226	<input type="checkbox"/> dbcorrd__SMARCB1__ENCSR000EDK_1__m1 Description: SMARCB1 (ENCSR000EDK-1, motif 1) Possible TFs: SMARCB1	3.13914			<a href="#">link</a>	<a href="#">link</a>	PWMs
227	<input type="checkbox"/> cisbp__M1789 Description: RSC30[gene ID: "YHR056C" species: "Saccharomyces cerevisiae" TF status: "direct" TF family: "Zinc cluster" DBDs: "Zn_clus"]	3.13636			<a href="#">link</a>	<a href="#">link</a>	PWMs
228	<input type="checkbox"/> dbcorrd__MXI1__ENCSR000EIA_1__m4 Description: MXI1 (ENCSR000EIA-1, motif 4) Possible TFs: MXI1	3.13151			<a href="#">link</a>	<a href="#">link</a>	PWMs
229	<input type="checkbox"/> predrem__nrMotif374 Description: 304_hTH1-DS7840.M360	3.12691			<a href="#">link</a>	<a href="#">link</a>	PWMs
230	<input type="checkbox"/> ENCF001WAW Description: DNase-seq on human HRCepC	3.12593			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
231	<input type="checkbox"/> cisbp__M1774 Description: RDS1[gene ID: "YCR106W" species: "Saccharomyces cerevisiae" TF status: "direct" TF family: "Zinc cluster" DBDs: "Zn_clus"]	3.12441			<a href="#">link</a>	<a href="#">link</a>	PWMs
232	<input type="checkbox"/> ENCF001SQQ Description: DNase-seq on human HCFaa	3.11953			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
233	<input type="checkbox"/> ENCF001WHT Description: DNase-seq on human HCFaa	3.11953			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE

12/22/21, 1:56 PM		i-cisTarget: results for Butyrate-DARs-cattle			All		
#	Feature	NES	Logo	Recovery Curve	Candidate targets	regions in top 20000	Database
234	<input type="checkbox"/> dbcorrd_b__EZH2__ENCSR000ARD_1__m6 Description: EZH2 (ENCSR000ARD-1, motif 6) Possible TFs: EZH2	3.11938			<a href="#">link</a>	<a href="#">link</a>	PWMs
235	<input type="checkbox"/> scerf__macisaac.IME1 Description: macisaac.IME1	3.10908			<a href="#">link</a>	<a href="#">link</a>	PWMs
236	<input type="checkbox"/> dbcorrd_b__CTCF__ENCSR000BHW_1__m2 Description: CTCF (ENCSR000BHW-1, motif 2) Possible TFs: CTCF	3.10449			<a href="#">link</a>	<a href="#">link</a>	PWMs
237	<input type="checkbox"/> elemento__CTCCGCG Description: Conserved regulatory element CTCCGCG between Hs and Mm	3.09450			<a href="#">link</a>	<a href="#">link</a>	PWMs
238	<input type="checkbox"/> transfac_pro__M06208 Description: V\$ZNF460_01: ZNF460 Possible TFs: ZNF460	3.09286			<a href="#">link</a>	<a href="#">link</a>	PWMs
239	<input type="checkbox"/> transfac_pro__M01909 Description: F\$PUT3_02: Put3p	3.08666			<a href="#">link</a>	<a href="#">link</a>	PWMs
240	<input type="checkbox"/> cisbp__M1262 Description: Irf9[ gene ID: "ENSMUSG00000002325" species: "Mus musculus"] TF status: "direct" TF family: "IRF" DBDs: "IRF"] Possible TFs: IRF9	3.08569			<a href="#">link</a>	<a href="#">link</a>	PWMs
241	<input type="checkbox"/> jaspar__MA0358.1 Description: PUT3	3.08373			<a href="#">link</a>	<a href="#">link</a>	PWMs
242	<input type="checkbox"/> transfac_pro__M01684 Description: F\$IME1_01: IME1	3.08069			<a href="#">link</a>	<a href="#">link</a>	PWMs
243	<input type="checkbox"/> predrem__nrMotif1831 Description: 343_SKNSH-DS8482.M638	3.07906			<a href="#">link</a>	<a href="#">link</a>	PWMs
244	<input type="checkbox"/> ENCF001XAX Description: H3K4me3 ChIP-seq on human HAC	3.06524			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
245	<input type="checkbox"/> dbcorrd_b__XRCC4__ENCSR000FAC_1__m1 Description: XRCC4 (ENCSR000FAC-1, motif 1) Possible TFs: XRCC4	3.06378			<a href="#">link</a>	<a href="#">link</a>	PWMs
246	<input type="checkbox"/> hocomoco__BATF_MOUSE.H11MO.1.A Description: BATF_MOUSE Possible TFs: BATF	3.06229			<a href="#">link</a>	<a href="#">link</a>	PWMs

#	Feature	NES	Logo	Recovery Curve	Candidate targets	All regions in top 20000	Database
247	<input type="checkbox"/> dbcorrdB__SREBF2__ENCSR000EZO_1__m1 Description: SREBF2 (ENCSR000EZO-1, motif 1) Possible TFs: SREBF2	3.06197			<a href="#">link</a>	<a href="#">link</a>	PWMs
248	<input type="checkbox"/> jaspAr__MA1052.1 Description: RAP2-6	3.05101			<a href="#">link</a>	<a href="#">link</a>	PWMs
249	<input type="checkbox"/> predrem__nrMotif2242 Description: 234_fStomach-DS17172.M267	3.05071			<a href="#">link</a>	<a href="#">link</a>	PWMs
250	<input type="checkbox"/> ENCF001XIA Description: H3K4me3 ChIP-seq on human NHEK	3.04997			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
251	<input type="checkbox"/> predrem__nrMotif1056 Description: 151_fLung_R-DS16566.M380	3.04731			<a href="#">link</a>	<a href="#">link</a>	PWMs
252	<input type="checkbox"/> transfac_pro__M01795 Description: F\$CAP1CA_01: Cap1	3.04701			<a href="#">link</a>	<a href="#">link</a>	PWMs
253	<input type="checkbox"/> dbcorrdB__STAT3__ENCSR000DOX_1__m2 Description: STAT3 (ENCSR000DOX-1, motif 2) Possible TFs: STAT3	3.04406			<a href="#">link</a>	<a href="#">link</a>	PWMs
254	<input type="checkbox"/> predrem__nrMotif220 Description: 10_CACO2-DS8235.M875	3.04166			<a href="#">link</a>	<a href="#">link</a>	PWMs
255	<input type="checkbox"/> cisbp__M0549 Description: M0549	3.03827			<a href="#">link</a>	<a href="#">link</a>	PWMs
256	<input type="checkbox"/> ENCF001XHZ Description: H3K4me3 ChIP-seq on human NHEK	3.03804			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
257	<input type="checkbox"/> elemento__CGCCGCC Description: Conserved regulatory element CGCCGCC between Dmel and Dpse; Conserved regulatory element CGCCGCC between Hs and Mm	3.03771			<a href="#">link</a>	<a href="#">link</a>	PWMs
258	<input type="checkbox"/> elemento__CCGCGCC Description: Conserved regulatory element CCGCGCC between Hs and Mm	3.03614			<a href="#">link</a>	<a href="#">link</a>	PWMs
259	<input type="checkbox"/> dbcorrdB__ATF3__ENCSR000BNU_1__m1 Description: ATF3 (ENCSR000BNU-1, motif 1) Possible TFs: ATF3	3.03387			<a href="#">link</a>	<a href="#">link</a>	PWMs

#	Feature	NES	Logo	Recovery Curve	All		
					Candidate targets	regions in top 20000	Database
260	<div><input type="checkbox"/> scertf__zhao.RDS2</div> <div>Description: zhao.RDS2</div>	3.03220			<a href="#">link</a>	<a href="#">link</a>	PWMs
261	<div><input type="checkbox"/> predrem__nrMotif1451</div> <div>Description: 110_fKidney_renal_cortex_R-DS19254.M224</div>	3.02130			<a href="#">link</a>	<a href="#">link</a>	PWMs
262	<div><input type="checkbox"/> ENCF001SQB</div> <div>Description: DNase-seq on human BJ</div>	3.01996			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
263	<div><input type="checkbox"/> ENCF001WEH</div> <div>Description: DNase-seq on human BJ</div>	3.01996			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
264	<div><input type="checkbox"/> ENCF001XKA</div> <div>Description: H3K4me3 ChIP-seq on human WI-38 treated with 4-hydroxy-tamoxifen at 20nM for 72 hours</div>	3.01428			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
265	<div><input type="checkbox"/> ENCF001XID</div> <div>Description: H3K4me3 ChIP-seq on human NHLF</div>	3.01206			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
266	<div><input type="checkbox"/> ENCF001XHN</div> <div>Description: H3K4me3 ChIP-seq on human NHDF-neo</div>	3.01014			<a href="#">link</a>	<a href="#">link</a>	Histone modifications
267	<div><input type="checkbox"/> dbcorrd__JUND__ENCSR000EBZ_1__m1</div> <div>Description: JUND (ENCSR000EBZ-1, motif 1)</div> <div>Possible TFs: JUND</div>	3.00939			<a href="#">link</a>	<a href="#">link</a>	PWMs
268	<div><input type="checkbox"/> ENCF001WRM</div> <div>Description: DNase-seq on human NHLF</div>	3.00847			<a href="#">link</a>	<a href="#">link</a>	DHS & FAIRE
269	<div><input type="checkbox"/> transfac_pro__M09074</div> <div>Description: P\$ERF4_05: ERF4</div>	3.00498			<a href="#">link</a>	<a href="#">link</a>	PWMs
270	<div><input type="checkbox"/> predrem__nrMotif1026</div> <div>Description: 192_fMuscle_leg-DS18471.M103</div>	3.00379			<a href="#">link</a>	<a href="#">link</a>	PWMs
271	<div><input type="checkbox"/> jaspar__MA1034.1</div> <div>Description: Os05g0497200</div>	3.00353			<a href="#">link</a>	<a href="#">link</a>	PWMs
272	<div><input type="checkbox"/> elemento__TCCCCGC</div> <div>Description: Conserved regulatory element TCCCCGC between Hs and Mm</div>	3.00173			<a href="#">link</a>	<a href="#">link</a>	PWMs

