

ChIPMotifs Result

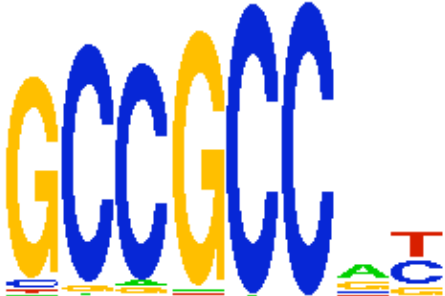
Motif Name : YY1_100_top_c2W3



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2W3	1.000	1.000	6.75575789710171e-06	0.0142749164365759
99.5%	YY1_100_top_c2W3	1.000	1.000	6.75575789710171e-06	0.0142749164365759
99.0%	YY1_100_top_c2W3	1.000	1.000	6.75575789710171e-06	0.0142749164365759

ID V\$YY1_100_top_c2W3
MATR_LENGTH 6
CORE_START 1
CORE_LENGTH 5
CORE_MAXIMAL 7699
MAXIMAL 8958
FREQ_T 0.146072796934866
FREQ_A 0.131992337164751
FREQ_C 0.53639846743295
FREQ_G 0.185536398467433
1 A:110 C:1523 G:107 T:0
2 A:0 C:120 G:1513 T:107
3 A:0 C:1740 G:0 T:0
4 A:0 C:1740 G:0 T:0
5 A:1183 C:274 G:124 T:159
6 A:85 C:203 G:193 T:1259

Motif Name : YY1_100_top_c2W1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2W1	1.000	1.000	1.27093775751834e-20	2.68549148163625e-17
99.5%	YY1_100_top_c2W1	1.000	0.999	1.27093775751834e-20	2.68549148163625e-17
99.0%	YY1_100_top_c2W1	1.000	0.975	1.10198750715211e-24	2.32849960261241e-21

ID V\$YY1_100_top_c2W1
 MATR_LENGTH 8
 CORE_START 2
 CORE_LENGTH 5
 CORE_MAXIMAL 4764
 MAXIMAL 6524
 FREQ_T 0.0721493440968718
 FREQ_A 0.070635721493441
 FREQ_C 0.554868819374369
 FREQ_G 0.302346115035318
 1 A:17 C:48 G:900 T:26
 2 A:12 C:937 G:30 T:12
 3 A:32 C:916 G:32 T:11
 4 A:17 C:6 G:954 T:14
 5 A:10 C:977 G:4 T:0
 6 A:3 C:980 G:8 T:0
 7 A:455 C:134 G:298 T:104
 8 A:14 C:401 G:171 T:405

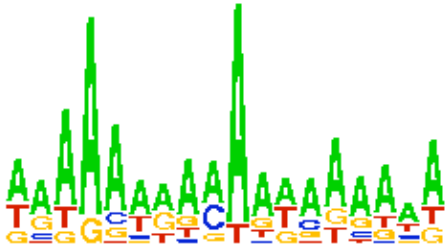
Motif Name : YY1_100_top_c2W2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2W2	1.000	0.959	0.238675195557407	1
99.5%	YY1_100_top_c2W2	1.000	0.916	0.0276348360303284	1
99.0%	YY1_100_top_c2W2	1.000	0.892	0.000103908887286522	0.219559478836421

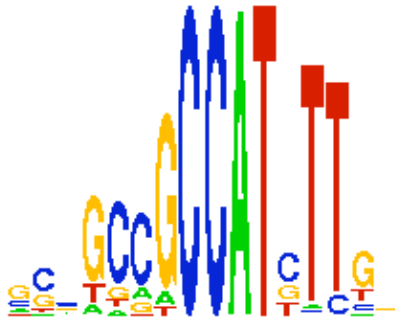
ID V\$YY1_100_top_c2W2
 MATR_LENGTH 10
 CORE_START 6
 CORE_LENGTH 5
 CORE_MAXIMAL 1006
 MAXIMAL 1733
 FREQ_T 0.0258928571428571
 FREQ_A 0.206696428571429
 FREQ_C 0.258928571428571
 FREQ_G 0.508482142857143
 1 A:21 C:121 G:82 T:0
 2 A:17 C:7 G:200 T:0
 3 A:158 C:40 G:23 T:3
 4 A:126 C:19 G:78 T:1
 5 A:122 C:7 G:90 T:5
 6 A:4 C:163 G:23 T:34
 7 A:5 C:4 G:211 T:4
 8 A:0 C:7 G:217 T:0
 9 A:8 C:207 G:7 T:2
 10 A:2 C:5 G:208 T:9

Motif Name : YY1_100_top_c2M1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2M1	1.000	0.932	2.12835918677129e-23	4.49722296164774e-20
99.5%	YY1_100_top_c2M1	1.000	0.898	3.84303349536171e-35	8.12032977569929e-32
99.0%	YY1_100_top_c2M1	1.000	0.885	1.70836364386238e-37	3.60977237948121e-34
ID V\$YY1_100_top_c2M1					
MATR_LENGTH 18					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 858					
MAXIMAL 2820					
FREQ_T 0.148517042939354					
FREQ_A 0.624169986719788					
FREQ_C 0.0745905267817618					
FREQ_G 0.152722443559097					
1 A:132 C:0 G:45 T:74					
2 A:142 C:31 G:64 T:14					
3 A:181 C:0 G:28 T:42					
4 A:220 C:0 G:31 T:0					
5 A:183 C:31 G:28 T:9					
6 A:141 C:25 G:19 T:66					
7 A:117 C:5 G:82 T:47					
8 A:166 C:17 G:36 T:32					
9 A:133 C:83 G:33 T:2					
10 A:228 C:0 G:0 T:23					
11 A:156 C:18 G:44 T:33					
12 A:108 C:1 G:53 T:89					
13 A:151 C:46 G:34 T:20					
14 A:165 C:1 G:43 T:42					
15 A:155 C:29 G:42 T:25					
16 A:158 C:12 G:39 T:42					
17 A:126 C:38 G:24 T:63					
18 A:158 C:0 G:45 T:48					

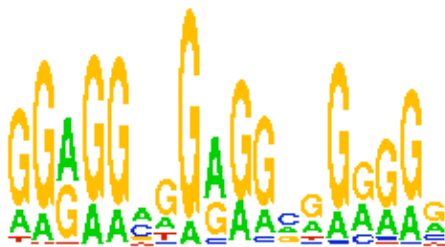
Motif Name : YY1_100_top_c2M2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2M2	1.000	0.998	2	1
99.5%	YY1_100_top_c2M2	1.000	0.964	0.0028916469211183	1
99.0%	YY1_100_top_c2M2	1.000	0.947	4.19134296015561e-06	0.0088563076748088

ID V\$YY1_100_top_c2M2
 MATR_LENGTH 18
 CORE_START 7
 CORE_LENGTH 5
 CORE_MAXIMAL 973
 MAXIMAL 2474
 FREQ_T 0.262777777777778
 FREQ_A 0.145
 FREQ_C 0.338055555555556
 FREQ_G 0.254166666666667
 1 A:34 C:47 G:98 T:21
 2 A:19 C:105 G:54 T:22
 3 A:41 C:81 G:50 T:28
 4 A:19 C:3 G:143 T:35
 5 A:14 C:146 G:24 T:16
 6 A:27 C:140 G:24 T:9
 7 A:15 C:0 G:174 T:11
 8 A:0 C:200 G:0 T:0
 9 A:0 C:200 G:0 T:0
 10 A:199 C:0 G:0 T:1
 11 A:0 C:0 G:0 T:200
 12 A:3 C:100 G:51 T:46
 13 A:5 C:4 G:2 T:189
 14 A:1 C:19 G:0 T:180
 15 A:14 C:28 G:119 T:39
 16 A:42 C:44 G:78 T:36
 17 A:50 C:49 G:55 T:46

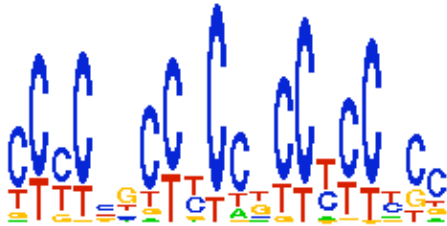
Motif Name : YY1_100_top_c2M3



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2M3	1.000	0.919	0.274973028466711	1
99.5%	YY1_100_top_c2M3	1.000	0.858	1.03711447575732e-29	2.19142288727522e-26
99.0%	YY1_100_top_c2M3	1.000	0.819	3.38054978293532e-35	7.14310169134233e-32
ID V\$YY1_100_top_c2M3					
MATR_LENGTH 18					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 1535					
MAXIMAL 4927					
FREQ_T 0.0348867825171143					
FREQ_A 0.26592943654555					
FREQ_C 0.0900473933649289					
FREQ_G 0.609136387572407					
1 A:81 C:7 G:309 T:25					
2 A:65 C:5 G:346 T:6					
3 A:215 C:0 G:193 T:14					
4 A:94 C:0 G:328 T:0					
5 A:80 C:5 G:337 T:0					
6 A:169 C:155 G:66 T:32					
7 A:84 C:25 G:252 T:61					
8 A:44 C:0 G:378 T:0					
9 A:242 C:36 G:144 T:0					
10 A:107 C:5 G:309 T:1					
11 A:83 C:29 G:303 T:7					
12 A:108 C:181 G:104 T:29					

13 A:119 C:34 G:219 T:50
 14 A:65 C:14 G:343 T:0
 15 A:147 C:67 G:208 T:0
 16 A:110 C:23 G:274 T:15
 17 A:101 C:14 G:307 T:0
 18 A:106 C:84 G:207 T:25

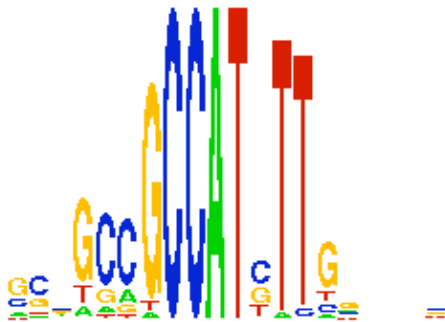
Motif Name : YY1_100_top_c2M12



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2M12	1.000	0.933	0.281669182820276	1
99.5%	YY1_100_top_c2M12	1.000	0.851	0.221672907572918	1
99.0%	YY1_100_top_c2M12	1.000	0.821	5.07802318985076e-10	1.07298630001547e-0
ID V\$YY1_100_top_c2M12					
MATR_LENGTH 20					
CORE_START 13					
CORE_LENGTH 5					
CORE_MAXIMAL 1971					
MAXIMAL 7011					
FREQ_T 0.25929203539823					
FREQ_A 0.0520353982300885					
FREQ_C 0.580973451327434					
FREQ_G 0.107699115044248					
1 A:22 C:365 G:49 T:129					
2 A:0 C:410 G:5 T:150					
3 A:7 C:286 G:79 T:193					
4 A:0 C:440 G:18 T:107					
5 A:88 C:232 G:90 T:155					
6 A:46 C:114 G:270 T:135					
7 A:30 C:411 G:36 T:88					

8 A:0 C:393 G:4 T:168
 9 A:38 C:208 G:72 T:247
 10 A:3 C:491 G:0 T:71
 11 A:71 C:372 G:24 T:98
 12 A:61 C:74 G:212 T:218
 13 A:0 C:410 G:35 T:120
 14 A:0 C:463 G:0 T:102
 15 A:60 C:201 G:25 T:279
 16 A:8 C:371 G:25 T:161
 17 A:0 C:448 G:9 T:108
 18 A:71 C:202 G:61 T:231
 19 A:8 C:347 G:124 T:86
 20 A:75 C:327 G:79 T:84

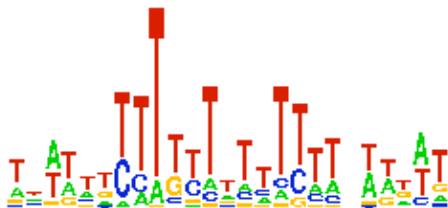
Motif Name : YY1_100_top_c2M13



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2M13	1.000	0.996	2	1
99.5%	YY1_100_top_c2M13	1.000	0.958	0.000327159767527064	0.691288588784686
99.0%	YY1_100_top_c2M13	1.000	0.938	5.3756579394808e-08	0.0001135876522612
ID V\$YY1_100_top_c2M13					
MATR_LENGTH 20					
CORE_START 7					
CORE_LENGTH 5					
CORE_MAXIMAL 792					
MAXIMAL 2112					
FREQ_T 0.255900621118012					
FREQ_A 0.154347826086957					
FREQ_C 0.326086956521739					
FREQ_G 0.263664596273292					

1 A:27 C:44 G:78 T:12
 2 A:18 C:82 G:42 T:19
 3 A:36 C:59 G:43 T:23
 4 A:17 C:3 G:115 T:26
 5 A:12 C:113 G:26 T:10
 6 A:24 C:111 G:17 T:9
 7 A:5 C:0 G:148 T:8
 8 A:0 C:161 G:0 T:0
 9 A:0 C:161 G:0 T:0
 10 A:161 C:0 G:0 T:0
 11 A:0 C:0 G:0 T:161
 12 A:2 C:73 G:47 T:39
 13 A:5 C:0 G:0 T:156
 14 A:1 C:7 G:0 T:153
 15 A:12 C:20 G:103 T:26
 16 A:34 C:34 G:69 T:24
 17 A:45 C:36 G:42 T:38
 18 A:39 C:37 G:31 T:54
 19 A:34 C:47 G:44 T:36
 20 A:25 C:62 G:44 T:30

Motif Name : YY1_100_top_c2M11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c2M11	1.000	0.884	1.44863153301978e-26	3.06095842927079e-26
99.5%	YY1_100_top_c2M11	1.000	0.860	3.28907152363784e-33	6.94980812944675e-33
99.0%	YY1_100_top_c2M11	1.000	0.830	2.14784690632518e-46	4.53840051306511e-46
ID V\$YY1_100_top_c2M11					
MATR_LENGTH 25					
CORE_START 8					

CORE_LENGTH 5
CORE_MAXIMAL 805
MAXIMAL 3256
FREQ_T 0.533057851239669
FREQ_A 0.204297520661157
FREQ_C 0.139338842975207
FREQ_G 0.123305785123967
1 A:65 C:19 G:34 T:124
2 A:72 C:56 G:28 T:86
3 A:111 C:8 G:26 T:97
4 A:66 C:9 G:43 T:124
5 A:55 C:37 G:31 T:119
6 A:42 C:22 G:63 T:115
7 A:16 C:86 G:0 T:140
8 A:33 C:43 G:2 T:164
9 A:31 C:0 G:6 T:205
10 A:8 C:27 G:76 T:131
11 A:16 C:73 G:27 T:126
12 A:29 C:23 G:11 T:179
13 A:53 C:35 G:39 T:115
14 A:35 C:35 G:23 T:149
15 A:42 C:49 G:24 T:127
16 A:23 C:24 G:15 T:180
17 A:0 C:66 G:30 T:146
18 A:45 C:39 G:17 T:141
19 A:53 C:33 G:13 T:143
20 A:55 C:62 G:51 T:74
21 A:103 C:12 G:22 T:105
22 A:83 C:7 G:52 T:100
23 A:57 C:18 G:68 T:99
24 A:111 C:35 G:2 T:94
25 A:32 C:25 G:43 T:142