

ChIPMotifs Result

Motif Name : YY1_100_c1_2W1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2W1	1.000	1.000	2.40026892022091e-59	3.71561628850197e-56
99.5%	YY1_100_c1_2W1	1.000	1.000	2.40026892022091e-59	3.71561628850197e-56
99.0%	YY1_100_c1_2W1	1.000	1.000	2.40026892022091e-59	3.71561628850197e-56

ID V\$YY1_100_c1_2W1
MATR_LENGTH 6
CORE_START 2
CORE_LENGTH 5
CORE_MAXIMAL 29617
MAXIMAL 34693
FREQ_T 0.457328288401913
FREQ_A 0.0552314887802827
FREQ_C 0.0185769089284776
FREQ_G 0.468863313889327
1 A:375 C:336 G:556 T:5076
2 A:422 C:371 G:5550 T:0
3 A:0 C:0 G:0 T:6343
4 A:451 C:0 G:5892 T:0
5 A:357 C:0 G:0 T:5986
6 A:497 C:0 G:5846 T:0

Motif Name : YY1_100_c1_2W4



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2W4	1.000	1.000	4.44556593332539e-58	6.8817360647877e-55
99.5%	YY1_100_c1_2W4	1.000	1.000	4.44556593332539e-58	6.8817360647877e-55
99.0%	YY1_100_c1_2W4	1.000	1.000	4.44556593332539e-58	6.8817360647877e-55

ID V\$YY1_100_c1_2W4

MATR_LENGTH 6

CORE_START 1

CORE_LENGTH 5

CORE_MAXIMAL 27878

MAXIMAL 31640

FREQ_T 0.439424703891709

FREQ_A 0.0391426959954879

FREQ_C 0.0533276931754089

FREQ_G 0.468104906937394

1 A:1001 C:671 G:4238 T:0

2 A:0 C:0 G:0 T:5910

3 A:0 C:0 G:5910 T:0

4 A:0 C:0 G:0 T:5910

5 A:0 C:0 G:5910 T:0

6 A:387 C:1220 G:541 T:3762

Motif Name : YY1_100_c1_2W2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2W2	1.000	1.000	1.9997847334455e-74	3.09566676737363e-71
99.5%	YY1_100_c1_2W2	1.000	1.000	1.9997847334455e-74	3.09566676737363e-71
99.0%	YY1_100_c1_2W2	1.000	1.000	1.9997847334455e-74	3.09566676737363e-71
ID V\$YY1_100_c1_2W2					
MATR_LENGTH 8					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 20834					
MAXIMAL 30264					
FREQ_T 0.434912241224122					
FREQ_A 0.0756638163816382					
FREQ_C 0.0553836633663366					
FREQ_G 0.434040279027903					
1 A:516 C:51 G:3864 T:13					
2 A:43 C:52 G:26 T:4323					
3 A:261 C:31 G:4143 T:9					
4 A:32 C:17 G:26 T:4369					
5 A:264 C:32 G:4135 T:13					
6 A:113 C:1068 G:109 T:3154					
7 A:1419 C:172 G:2774 T:79					
8 A:42 C:546 G:354 T:3502					

Motif Name : YY1_100_c1_2W5



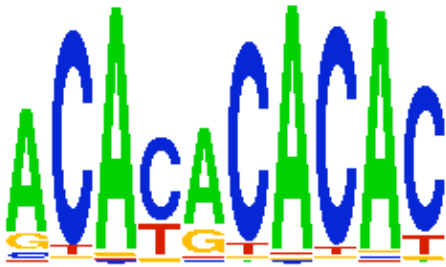
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2W5	1.000	1.000	2.26357420570135e-85	3.50401287042569e-82
99.5%	YY1_100_c1_2W5	1.000	1.000	2.26357420570135e-85	3.50401287042569e-82
99.0%	YY1_100_c1_2W5	1.000	1.000	2.26357420570135e-85	3.50401287042569e-82
ID V\$YY1_100_c1_2W5					
MATR_LENGTH 8					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 19850					
MAXIMAL 28244					
FREQ_T 0.446381421027364					
FREQ_A 0.0754920787325972					
FREQ_C 0.0503180508881421					
FREQ_G 0.427808449351896					
1 A:43 C:63 G:87 T:3973					
2 A:97 C:39 G:4030 T:0					
3 A:52 C:63 G:33 T:4018					
4 A:318 C:34 G:3798 T:16					
5 A:51 C:38 G:46 T:4031					
6 A:316 C:40 G:3795 T:15					
7 A:153 C:1167 G:358 T:2488					
8 A:1486 C:233 G:2111 T:336					

Motif Name : YY1_100_c1_2W3



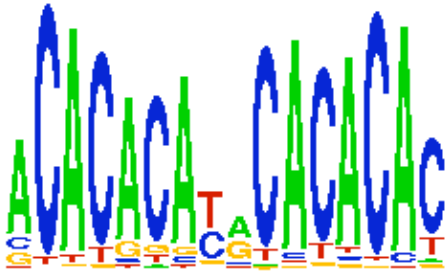
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2W3	1.000	1.000	6.14171628433851e-40	9.50737680815601e-37
99.5%	YY1_100_c1_2W3	1.000	1.000	6.14171628433851e-40	9.50737680815601e-37
99.0%	YY1_100_c1_2W3	1.000	1.000	6.14171628433851e-40	9.50737680815601e-37
ID V\$YY1_100_c1_2W3					
MATR_LENGTH 10					
CORE_START 5					
CORE_LENGTH 5					
CORE_MAXIMAL 15337					
MAXIMAL 29100					
FREQ_T 0.0582757584860318					
FREQ_A 0.450225292880745					
FREQ_C 0.443977170321418					
FREQ_G 0.0475217783118053					
1 A:64 C:3010 G:84 T:171					
2 A:3118 C:44 G:102 T:65					
3 A:41 C:2240 G:175 T:873					
4 A:2447 C:88 G:711 T:83					
5 A:50 C:2982 G:101 T:196					
6 A:3136 C:57 G:56 T:80					
7 A:34 C:3048 G:74 T:173					
8 A:3105 C:56 G:93 T:75					
9 A:45 C:3066 G:81 T:137					
10 A:2948 C:189 G:105 T:87					

Motif Name : YY1_100_c1_2W6



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2W6	1.000	1.000	9.4615999006744e-32	1.4646556646244e-28
99.5%	YY1_100_c1_2W6	1.000	1.000	9.4615999006744e-32	1.4646556646244e-28
99.0%	YY1_100_c1_2W6	1.000	1.000	9.4615999006744e-32	1.4646556646244e-28
ID V\$YY1_100_c1_2W6					
MATR_LENGTH 10					
CORE_START 6					
CORE_LENGTH 5					
CORE_MAXIMAL 15951					
MAXIMAL 30202					
FREQ_T 0.0639428571428571					
FREQ_A 0.4434					
FREQ_C 0.438771428571429					
FREQ_G 0.0538857142857143					
1 A:2790 C:212 G:411 T:87					
2 A:36 C:3222 G:71 T:171					
3 A:3323 C:45 G:84 T:48					
4 A:36 C:2367 G:205 T:892					
5 A:2549 C:110 G:714 T:127					
6 A:45 C:3164 G:78 T:213					
7 A:3332 C:41 G:61 T:66					
8 A:35 C:3246 G:75 T:144					
9 A:3315 C:56 G:73 T:56					
10 A:58 C:2894 G:114 T:434					

Motif Name : YY1_100_c1_2M1



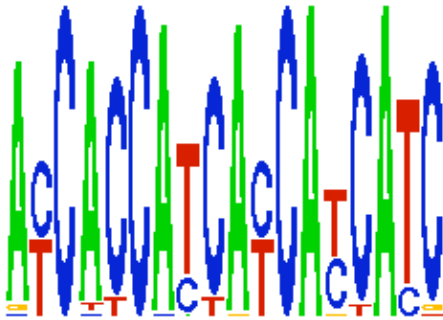
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2M1	1.000	1.000	3.85402941972326e-11	5.96603754173161e-08
99.5%	YY1_100_c1_2M1	1.000	0.997	3.85402941972326e-11	5.96603754173161e-08
99.0%	YY1_100_c1_2M1	1.000	0.992	3.85402941972326e-11	5.96603754173161e-08
ID V\$YY1_100_c1_2M1					
MATR_LENGTH 16					
CORE_START 11					
CORE_LENGTH 5					
CORE_MAXIMAL 1940					
MAXIMAL 5613					
FREQ_T 0.0797058823529412					
FREQ_A 0.418970588235294					
FREQ_C 0.435735294117647					
FREQ_G 0.0655882352941176					
1 A:316 C:50 G:47 T:12					
2 A:0 C:406 G:4 T:15					
3 A:395 C:3 G:9 T:18					
4 A:0 C:378 G:13 T:34					
5 A:352 C:14 G:45 T:14					
6 A:14 C:357 G:28 T:26					
7 A:370 C:20 G:23 T:12					
8 A:13 C:164 G:37 T:211					
9 A:185 C:41 G:168 T:31					
10 A:9 C:385 G:6 T:25					
11 A:390 C:17 G:8 T:10					
12 A:4 C:370 G:14 T:37					
13 A:381 C:15 G:13 T:16					
14 A:2 C:404 G:9 T:10					
15 A:395 C:21 G:2 T:7					
16 A:23 C:318 G:20 T:64					

Motif Name : YY1_100_c1_2M2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2M2	1.000	1.000	0.998439463555916	1
99.5%	YY1_100_c1_2M2	1.000	0.990	0.808966067331558	1
99.0%	YY1_100_c1_2M2	1.000	0.966	0.056663399656234	1
ID V\$YY1_100_c1_2M2					
MATR_LENGTH 18					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 1664					
MAXIMAL 5172					
FREQ_T 0.402523933855527					
FREQ_A 0.107919930374238					
FREQ_C 0.0797795184218161					
FREQ_G 0.409776617348419					
1 A:1 C:3 G:42 T:337					
2 A:10 C:4 G:362 T:7					
3 A:16 C:22 G:30 T:315					
4 A:58 C:0 G:321 T:4					
5 A:12 C:23 G:19 T:329					
6 A:63 C:30 G:278 T:12					
7 A:23 C:99 G:38 T:223					
8 A:136 C:32 G:189 T:26					
9 A:28 C:42 G:23 T:290					
10 A:37 C:20 G:295 T:31					
11 A:31 C:102 G:54 T:196					
12 A:118 C:36 G:209 T:20					
13 A:25 C:50 G:15 T:293					
14 A:85 C:28 G:262 T:8					
15 A:7 C:56 G:27 T:293					
16 A:79 C:3 G:287 T:14					
17 A:10 C:0 G:27 T:346					
18 A:5 C:0 G:347 T:31					

Motif Name : YY1_100_c1_2M3

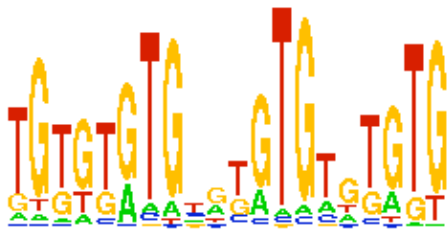


Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2M3	1.000	1.000	4.53262242219173e-09	7.0164995095528e-06
99.5%	YY1_100_c1_2M3	1.000	1.000	4.53262242219173e-09	7.0164995095528e-06
99.0%	YY1_100_c1_2M3	1.000	0.993	4.53262242219173e-09	7.0164995095528e-06

ID V\$YY1_100_c1_2M3
 MATR_LENGTH 18
 CORE_START 3
 CORE_LENGTH 5
 CORE_MAXIMAL 261
 MAXIMAL 848
 FREQ_T 0.191358024691358
 FREQ_A 0.326131687242798
 FREQ_C 0.475308641975309
 FREQ_G 0.00720164609053498
 1 A:51 C:1 G:2 T:0
 2 A:0 C:27 G:0 T:27
 3 A:0 C:54 G:0 T:0
 4 A:51 C:1 G:0 T:2
 5 A:0 C:49 G:0 T:5
 6 A:0 C:54 G:0 T:0
 7 A:53 C:1 G:0 T:0
 8 A:1 C:12 G:0 T:41
 9 A:0 C:49 G:0 T:5
 10 A:53 C:0 G:1 T:0
 11 A:0 C:27 G:0 T:27
 12 A:0 C:54 G:0 T:0
 13 A:54 C:0 G:0 T:0

14 A:0 C:23 G:2 T:29
 15 A:0 C:51 G:0 T:3
 16 A:54 C:0 G:0 T:0
 17 A:0 C:8 G:0 T:46
 18 A:0 C:51 G:2 T:1

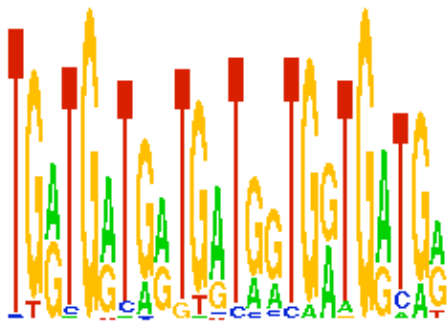
Motif Name : YY1_100_c1_2M12



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2M12	1.000	1.000	0.852007380608789	1
99.5%	YY1_100_c1_2M12	1.000	0.976	1.05787374683631	1
99.0%	YY1_100_c1_2M12	1.000	0.956	0.399051790151906	1
ID V\$YY1_100_c1_2M12					
MATR_LENGTH 20					
CORE_START 4					
CORE_LENGTH 5					
CORE_MAXIMAL 1612					
MAXIMAL 6087					
FREQ_T 0.392824074074074					
FREQ_A 0.108680555555556					
FREQ_C 0.0615740740740741					
FREQ_G 0.436921296296296					
1 A:33 C:16 G:70 T:313					
2 A:22 C:14 G:358 T:38					
3 A:24 C:18 G:114 T:276					
4 A:45 C:7 G:288 T:92					
5 A:8 C:38 G:104 T:282					
6 A:119 C:12 G:298 T:3					
7 A:25 C:22 G:10 T:375					

8 A:39 C:7 G:369 T:17
 9 A:78 C:101 G:55 T:198
 10 A:122 C:30 G:203 T:77
 11 A:16 C:64 G:114 T:238
 12 A:88 C:29 G:310 T:5
 13 A:20 C:16 G:5 T:391
 14 A:23 C:23 G:383 T:3
 15 A:79 C:56 G:30 T:267
 16 A:83 C:29 G:232 T:88
 17 A:7 C:35 G:102 T:288
 18 A:82 C:12 G:308 T:30
 19 A:16 C:0 G:64 T:352
 20 A:10 C:3 G:358 T:61

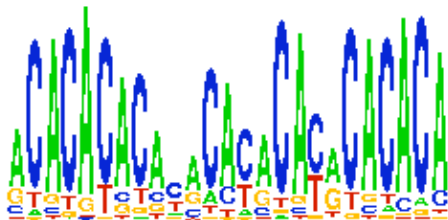
Motif Name : YY1_100_c1_2M13



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2M13	1.000	0.992	0.00467190195570798	1
99.5%	YY1_100_c1_2M13	1.000	0.989	4.95215181204863e-07	0.000766593100505128
99.0%	YY1_100_c1_2M13	1.000	0.980	3.70778890918226e-12	5.73965723141414e-09
ID V\$YY1_100_c1_2M13					
MATR_LENGTH 24					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 226					
MAXIMAL 999					
FREQ_T 0.324519230769231					
FREQ_A 0.210737179487179					
FREQ_C 0.0224358974358974					
FREQ_G 0.442307692307692					

1 A:0 C:1 G:0 T:51
 2 A:0 C:0 G:48 T:4
 3 A:26 C:0 G:26 T:0
 4 A:1 C:2 G:0 T:49
 5 A:0 C:0 G:52 T:0
 6 A:32 C:0 G:19 T:1
 7 A:1 C:3 G:0 T:48
 8 A:10 C:1 G:41 T:0
 9 A:29 C:1 G:21 T:1
 10 A:0 C:0 G:4 T:48
 11 A:1 C:0 G:46 T:5
 12 A:37 C:2 G:12 T:1
 13 A:0 C:3 G:0 T:49
 14 A:12 C:3 G:37 T:0
 15 A:13 C:4 G:34 T:1
 16 A:0 C:3 G:0 T:49
 17 A:3 C:0 G:49 T:0
 18 A:25 C:0 G:27 T:0
 19 A:3 C:0 G:1 T:48
 20 A:0 C:0 G:52 T:0
 21 A:35 C:0 G:17 T:0
 22 A:2 C:5 G:0 T:45
 23 A:9 C:0 G:43 T:0
 24 A:24 C:0 G:23 T:5

Motif Name : YY1_100_c1_2M11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_2M11	1.000	0.973	0.745230817597035	1

99.5%	YY1_100_c1_2M11	1.000	0.954	0.751150064129405	1
99.0%	YY1_100_c1_2M11	1.000	0.938	0.00233059855056367	1

ID V\$YY1_100_c1_2M11
MATR_LENGTH 25
CORE_START 20
CORE_LENGTH 5
CORE_MAXIMAL 1708
MAXIMAL 7498
FREQ_T 0.094040404040404
FREQ_A 0.411414141414141
FREQ_C 0.413636363636364
FREQ_G 0.0809090909090909
1 A:259 C:43 G:76 T:18
2 A:18 C:332 G:6 T:40
3 A:337 C:20 G:27 T:12
4 A:6 C:342 G:16 T:32
5 A:352 C:6 G:30 T:8
6 A:0 C:320 G:10 T:66
7 A:310 C:35 G:35 T:16
8 A:14 C:311 G:23 T:48
9 A:265 C:53 G:44 T:34
10 A:49 C:183 G:38 T:126
11 A:226 C:63 G:88 T:19
12 A:40 C:316 G:14 T:26
13 A:301 C:56 G:9 T:30
14 A:36 C:243 G:11 T:106
15 A:248 C:44 G:88 T:16
16 A:12 C:348 G:13 T:23
17 A:341 C:19 G:24 T:12
18 A:4 C:225 G:25 T:142
19 A:205 C:12 G:133 T:46
20 A:2 C:338 G:17 T:39
21 A:336 C:23 G:25 T:12
22 A:19 C:338 G:14 T:25
23 A:346 C:33 G:9 T:8
24 A:21 C:350 G:15 T:10
25 A:326 C:42 G:11 T:17