

ChIPMotifs Result

Motif Name : YY1_100_top_c4W1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4W1	1.000	1.000	4.69978192984918e-07	4.65278411055069e-05
99.5%	YY1_100_top_c4W1	1.000	1.000	4.69978192984918e-07	4.65278411055069e-05
99.0%	YY1_100_top_c4W1	1.000	1.000	4.69978192984918e-07	4.65278411055069e-05
ID V\$YY1_100_top_c4W1					
MATR_LENGTH 6					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 1670					
MAXIMAL 2047					
FREQ_T 0.35296574770259					
FREQ_A 0.328320802005013					
FREQ_C 0.0810359231411863					
FREQ_G 0.237677527151211					
1 A:0 C:0 G:0 T:399					
2 A:18 C:141 G:216 T:24					
3 A:34 C:31 G:321 T:13					
4 A:399 C:0 G:0 T:0					
5 A:335 C:0 G:32 T:32					
6 A:0 C:22 G:0 T:377					

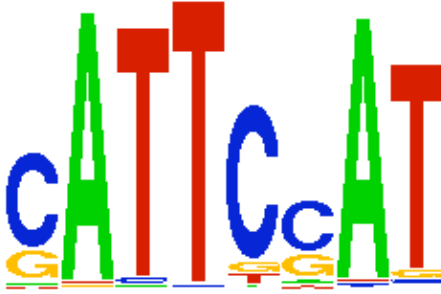
Motif Name : YY1_100_top_c4W4



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4W4	1.000	1.000	6.54118813273961e-07	6.47577625141221e-05
99.5%	YY1_100_top_c4W4	1.000	1.000	6.54118813273961e-07	6.47577625141221e-05
99.0%	YY1_100_top_c4W4	1.000	1.000	6.54118813273961e-07	6.47577625141221e-05

ID V\$YY1_100_top_c4W4
MATR_LENGTH 6
CORE_START 1
CORE_LENGTH 5
CORE_MAXIMAL 1641
MAXIMAL 1935
FREQ_T 0.482573726541555
FREQ_A 0.199731903485255
FREQ_C 0.248882931188561
FREQ_G 0.0688114387846291
1 A:13 C:0 G:0 T:360
2 A:0 C:0 G:0 T:373
3 A:12 C:305 G:16 T:40
4 A:30 C:230 G:100 T:13
5 A:373 C:0 G:0 T:0
6 A:19 C:22 G:38 T:294

Motif Name : YY1_100_top_c4W2



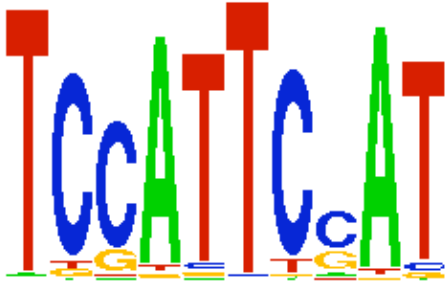
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4W2	1.000	1.000	6.76044125877346e-10	6.69283684618572e-08
99.5%	YY1_100_top_c4W2	1.000	1.000	6.76044125877346e-10	6.69283684618572e-08
99.0%	YY1_100_top_c4W2	1.000	1.000	6.76044125877346e-10	6.69283684618572e-08
ID V\$YY1_100_top_c4W2					
MATR_LENGTH 8					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 1280					
MAXIMAL 1993					
FREQ_T 0.375435540069686					
FREQ_A 0.26088850174216					
FREQ_C 0.283101045296167					
FREQ_G 0.0805749128919861					
1 A:10 C:205 G:65 T:7					
2 A:278 C:0 G:4 T:5					
3 A:4 C:10 G:0 T:273					
4 A:0 C:5 G:1 T:281					
5 A:4 C:243 G:21 T:19					
6 A:23 C:175 G:78 T:11					
7 A:277 C:3 G:2 T:5					
8 A:3 C:9 G:14 T:261					

Motif Name : YY1_100_top_c4W5



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4W5	1.000	1.000	2.26437627068227e-08	2.24173250797545e-06
99.5%	YY1_100_top_c4W5	1.000	1.000	2.26437627068227e-08	2.24173250797545e-06
99.0%	YY1_100_top_c4W5	1.000	1.000	2.26437627068227e-08	2.24173250797545e-06
ID V\$YY1_100_top_c4W5					
MATR_LENGTH 8					
CORE_START 3					
CORE_LENGTH 5					
CORE_MAXIMAL 1091					
MAXIMAL 1658					
FREQ_T 0.257911392405063					
FREQ_A 0.266877637130802					
FREQ_C 0.0675105485232067					
FREQ_G 0.407700421940928					
1 A:7 C:4 G:1 T:225					
2 A:6 C:77 G:135 T:19					
3 A:20 C:6 G:208 T:3					
4 A:232 C:1 G:4 T:0					
5 A:220 C:1 G:11 T:5					
6 A:7 C:4 G:1 T:225					
7 A:5 C:19 G:206 T:7					
8 A:9 C:16 G:207 T:5					

Motif Name : YY1_100_top_c4W3



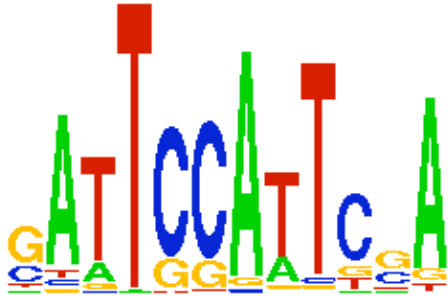
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4W3	1.000	1.000	4.63899712719035e-17	4.59260715591845e-15
99.5%	YY1_100_top_c4W3	1.000	1.000	4.63899712719035e-17	4.59260715591845e-15
99.0%	YY1_100_top_c4W3	1.000	1.000	4.63899712719035e-17	4.59260715591845e-15
ID V\$YY1_100_top_c4W3					
MATR_LENGTH 10					
CORE_START 3					
CORE_LENGTH 5					
CORE_MAXIMAL 1036					
MAXIMAL 2018					
FREQ_T 0.404347826086957					
FREQ_A 0.209130434782609					
FREQ_C 0.324782608695652					
FREQ_G 0.0617391304347826					
1 A:5 C:2 G:1 T:222					
2 A:3 C:204 G:11 T:12					
3 A:6 C:182 G:35 T:7					
4 A:215 C:2 G:6 T:7					
5 A:4 C:8 G:7 T:211					
6 A:2 C:3 G:1 T:224					
7 A:3 C:204 G:5 T:18					
8 A:23 C:131 G:63 T:13					
9 A:217 C:0 G:5 T:8					
10 A:3 C:11 G:8 T:208					

Motif Name : YY1_100_top_c4W6



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4W6	1.000	1.000	1.01261882326384e-12	1.0024926350312e-10
99.5%	YY1_100_top_c4W6	1.000	1.000	1.01261882326384e-12	1.0024926350312e-10
99.0%	YY1_100_top_c4W6	1.000	1.000	1.01261882326384e-12	1.0024926350312e-10
ID V\$YY1_100_top_c4W6					
MATR_LENGTH 10					
CORE_START 6					
CORE_LENGTH 5					
CORE_MAXIMAL 1026					
MAXIMAL 1996					
FREQ_T 0.207964601769911					
FREQ_A 0.407522123893805					
FREQ_C 0.0619469026548673					
FREQ_G 0.322566371681416					
1 A:9 C:5 G:0 T:212					
2 A:11 C:60 G:131 T:24					
3 A:18 C:5 G:200 T:3					
4 A:221 C:1 G:2 T:2					
5 A:206 C:10 G:5 T:5					
6 A:7 C:6 G:1 T:212					
7 A:8 C:33 G:179 T:6					
8 A:8 C:13 G:202 T:3					
9 A:222 C:1 G:2 T:1					
10 A:211 C:6 G:7 T:2					

Motif Name : YY1_100_top_c4F1



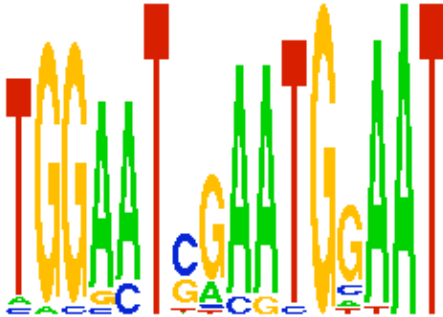
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4F1	1.000	1.000	2.38412710043078e-20	2.36028582942647e-18
99.5%	YY1_100_top_c4F1	1.000	1.000	2.38412710043078e-20	2.36028582942647e-18
99.0%	YY1_100_top_c4F1	1.000	1.000	2.38412710043078e-20	2.36028582942647e-18
ID V\$YY1_100_top_c4F1					
MATR_LENGTH 12					
CORE_START 3					
CORE_LENGTH 5					
CORE_MAXIMAL 420					
MAXIMAL 920					
FREQ_T 0.320707070707071					
FREQ_A 0.272727272727273					
FREQ_C 0.254208754208754					
FREQ_G 0.152356902356902					
1 A:6 C:26 G:57 T:10					
2 A:84 C:5 G:4 T:6					
3 A:15 C:3 G:6 T:75					
4 A:2 C:0 G:0 T:97					
5 A:1 C:77 G:19 T:2					
6 A:1 C:79 G:17 T:2					
7 A:92 C:3 G:4 T:0					
8 A:22 C:2 G:6 T:69					
9 A:1 C:4 G:3 T:91					
10 A:5 C:68 G:13 T:13					
11 A:9 C:34 G:45 T:11					
12 A:86 C:1 G:7 T:5					

Motif Name : YY1_100_top_c4F11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4F11	1.000	0.937	1.45002580462083	1
99.5%	YY1_100_top_c4F11	1.000	0.887	0.0516384446929706	1
99.0%	YY1_100_top_c4F11	1.000	0.863	0.0103137865448265	1
ID V\$YY1_100_top_c4F11					
MATR_LENGTH 14					
CORE_START 6					
CORE_LENGTH 5					
CORE_MAXIMAL 270					
MAXIMAL 620					
FREQ_T 0.296536796536797					
FREQ_A 0.184704184704185					
FREQ_C 0.355699855699856					
FREQ_G 0.163059163059163					
1 A:36 C:24 G:25 T:14					
2 A:30 C:15 G:26 T:28					
3 A:14 C:30 G:17 T:38					
4 A:22 C:36 G:10 T:31					
5 A:2 C:59 G:16 T:22					
6 A:27 C:45 G:18 T:9					
7 A:34 C:10 G:14 T:41					
8 A:8 C:43 G:5 T:43					
9 A:2 C:64 G:2 T:31					
10 A:4 C:77 G:1 T:17					
11 A:24 C:37 G:15 T:23					
12 A:27 C:9 G:26 T:37					
13 A:9 C:17 G:31 T:42					
14 A:17 C:27 G:20 T:35					

Motif Name : YY1_100_top_c4M2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4M2	1.000	1.000	4.30842375613891e-07	4.26533951857752e-05
99.5%	YY1_100_top_c4M2	1.000	1.000	4.30842375613891e-07	4.26533951857752e-05
99.0%	YY1_100_top_c4M2	1.000	1.000	4.30842375613891e-07	4.26533951857752e-05

ID V\$YY1_100_top_c4M2

MATR_LENGTH 16

CORE_START 12

CORE_LENGTH 5

CORE_MAXIMAL 117

MAXIMAL 359

FREQ_T 0.2575

FREQ_A 0.3675

FREQ_C 0.07

FREQ_G 0.305

1 A:1 C:1 G:0 T:23

2 A:1 C:0 G:24 T:0

3 A:0 C:1 G:24 T:0

4 A:22 C:1 G:2 T:0

5 A:21 C:4 G:0 T:0

6 A:0 C:0 G:0 T:25

7 A:1 C:14 G:8 T:2

8 A:4 C:1 G:19 T:1

9 A:23 C:2 G:0 T:0

10 A:23 C:0 G:2 T:0

11 A:0 C:1 G:0 T:24

12 A:0 C:0 G:25 T:0

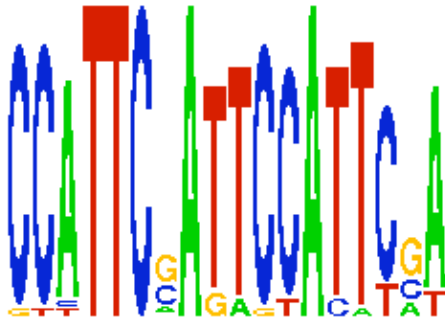
13 A:2 C:3 G:18 T:2

14 A:24 C:0 G:0 T:1

15 A:25 C:0 G:0 T:0

16 A:0 C:0 G:0 T:25

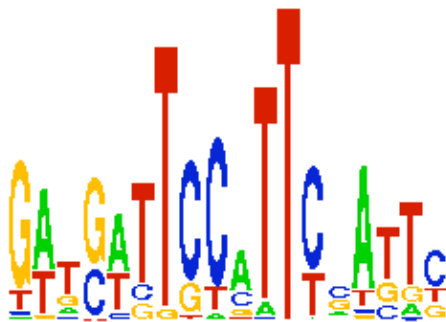
Motif Name : YY1_100_top_c4M1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4M1	1.000	1.000	0.0119099956042614	1
99.5%	YY1_100_top_c4M1	1.000	1.000	0.0119099956042614	1
99.0%	YY1_100_top_c4M1	1.000	1.000	0.0119099956042614	1
ID V\$YY1_100_top_c4M1					
MATR_LENGTH 18					
CORE_START 2					
CORE_LENGTH 5					
CORE_MAXIMAL 122					
MAXIMAL 403					
FREQ_T 0.342222222222222					
FREQ_A 0.235555555555556					
FREQ_C 0.355555555555556					
FREQ_G 0.066666666666667					
1 A:0 C:24 G:1 T:0					
2 A:0 C:24 G:0 T:1					
3 A:23 C:1 G:0 T:1					
4 A:0 C:0 G:0 T:25					
5 A:0 C:0 G:0 T:25					
6 A:0 C:25 G:0 T:0					
7 A:3 C:9 G:12 T:1					
8 A:25 C:0 G:0 T:0					
9 A:0 C:0 G:3 T:22					
10 A:2 C:0 G:0 T:23					
11 A:0 C:24 G:1 T:0					
12 A:0 C:23 G:0 T:2					
13 A:25 C:0 G:0 T:0					
14 A:0 C:2 G:0 T:23					
15 A:1 C:0 G:0 T:24					

16 A:0 C:21 G:0 T:4
 17 A:5 C:7 G:13 T:0
 18 A:22 C:0 G:0 T:3

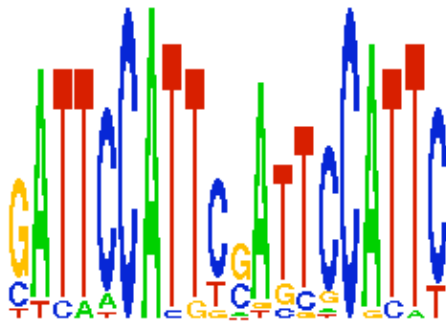
Motif Name : YY1_100_top_c4M3



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4M3	1.000	0.996	0.0119099956042614	1
99.5%	YY1_100_top_c4M3	1.000	0.996	0.0119099956042614	1
99.0%	YY1_100_top_c4M3	1.000	0.996	0.0119099956042614	1
ID V\$YY1_100_top_c4M3					
MATR_LENGTH 18					
CORE_START 8					
CORE_LENGTH 5					
CORE_MAXIMAL 184					
MAXIMAL 571					
FREQ_T 0.402469135802469					
FREQ_A 0.176543209876543					
FREQ_C 0.245679012345679					
FREQ_G 0.175308641975309					
1 A:1 C:2 G:36 T:6					
2 A:28 C:0 G:2 T:15					
3 A:6 C:4 G:9 T:26					
4 A:0 C:16 G:28 T:1					
5 A:25 C:4 G:0 T:16					
6 A:0 C:6 G:6 T:33					
7 A:0 C:0 G:2 T:43					
8 A:0 C:34 G:9 T:2					
9 A:2 C:37 G:0 T:6					

10 A:27 C:10 G:5 T:3
 11 A:3 C:1 G:0 T:41
 12 A:0 C:0 G:0 T:45
 13 A:1 C:31 G:0 T:13
 14 A:8 C:18 G:16 T:3
 15 A:36 C:2 G:2 T:5
 16 A:0 C:8 G:11 T:26
 17 A:5 C:1 G:7 T:32
 18 A:1 C:25 G:9 T:10

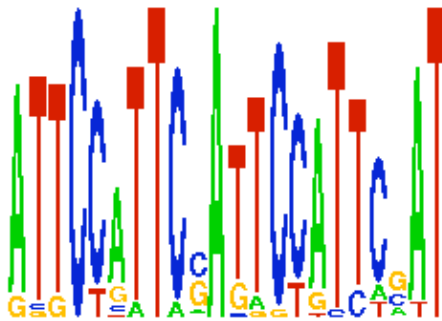
Motif Name : YY1_100_top_c4M12



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4M12	1.000	1.000	0.0119099956042614	1
99.5%	YY1_100_top_c4M12	1.000	1.000	0.0119099956042614	1
99.0%	YY1_100_top_c4M12	1.000	1.000	0.0119099956042614	1
ID V\$YY1_100_top_c4M12					
MATR_LENGTH 20					
CORE_START 5					
CORE_LENGTH 5					
CORE_MAXIMAL 119					
MAXIMAL 438					
FREQ_T 0.394					
FREQ_A 0.206					
FREQ_C 0.312					
FREQ_G 0.088					
1 A:0 C:5 G:18 T:2					
2 A:23 C:0 G:0 T:2					
3 A:0 C:2 G:0 T:23					

4 A:2 C:0 G:0 T:23
 5 A:2 C:22 G:0 T:1
 6 A:0 C:25 G:0 T:0
 7 A:25 C:0 G:0 T:0
 8 A:0 C:1 G:0 T:24
 9 A:0 C:0 G:2 T:23
 10 A:0 C:18 G:2 T:5
 11 A:2 C:9 G:13 T:1
 12 A:23 C:0 G:1 T:1
 13 A:0 C:2 G:4 T:19
 14 A:0 C:3 G:1 T:21
 15 A:1 C:21 G:2 T:1
 16 A:0 C:25 G:0 T:0
 17 A:24 C:0 G:1 T:0
 18 A:0 C:2 G:0 T:23
 19 A:1 C:0 G:0 T:24
 20 A:0 C:21 G:0 T:4

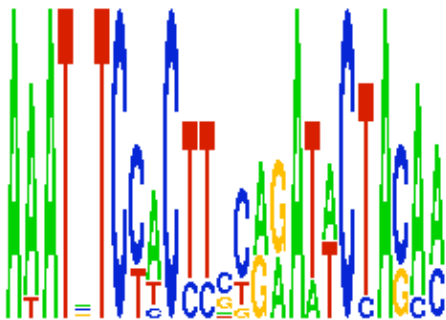
Motif Name : YY1_100_top_c4M11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c4M11	1.000	1.000	0.0119099956042614	1
99.5%	YY1_100_top_c4M11	1.000	1.000	0.0119099956042614	1
99.0%	YY1_100_top_c4M11	1.000	1.000	0.0119099956042614	1
ID V\$YY1_100_top_c4M11					
MATR_LENGTH 22					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 128					

MAXIMAL 530
 FREQ_T 0.404220779220779
 FREQ_A 0.230519480519481
 FREQ_C 0.290584415584416
 FREQ_G 0.0746753246753247
 1 A:25 C:0 G:3 T:0
 2 A:0 C:1 G:1 T:26
 3 A:0 C:0 G:3 T:25
 4 A:0 C:28 G:0 T:0
 5 A:0 C:24 G:0 T:4
 6 A:21 C:2 G:4 T:1
 7 A:2 C:0 G:0 T:26
 8 A:0 C:0 G:0 T:28
 9 A:2 C:26 G:0 T:0
 10 A:3 C:12 G:12 T:1
 11 A:28 C:0 G:0 T:0
 12 A:0 C:1 G:5 T:22
 13 A:2 C:0 G:1 T:25
 14 A:0 C:27 G:1 T:0
 15 A:0 C:23 G:0 T:5
 16 A:24 C:0 G:3 T:1
 17 A:0 C:1 G:0 T:27
 18 A:0 C:4 G:0 T:24
 19 A:3 C:22 G:0 T:3
 20 A:6 C:8 G:13 T:1
 21 A:26 C:0 G:0 T:2
 22 A:0 C:0 G:0 T:28

Motif Name : YY1_100_top_c4M13



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
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99.9%	YY1_100_top_c4M13	1.000	0.940	7.13971441354175e-05	0.0070683172694063
99.5%	YY1_100_top_c4M13	1.000	0.940	7.13971441354175e-05	0.0070683172694063
99.0%	YY1_100_top_c4M13	1.000	0.940	7.13971441354175e-05	0.0070683172694063

ID V\$YY1_100_top_c4M13

MATR_LENGTH 25

CORE_START 20

CORE_LENGTH 5

CORE_MAXIMAL 45

MAXIMAL 201

FREQ_T 0.272

FREQ_A 0.372

FREQ_C 0.276

FREQ_G 0.08

1 A:10 C:0 G:0 T:0

2 A:9 C:0 G:0 T:1

3 A:10 C:0 G:0 T:0

4 A:0 C:0 G:0 T:10

5 A:3 C:3 G:3 T:1

6 A:0 C:0 G:0 T:10

7 A:0 C:10 G:0 T:0

8 A:0 C:7 G:0 T:3

9 A:7 C:1 G:0 T:2

10 A:0 C:10 G:0 T:0

11 A:0 C:2 G:0 T:8

12 A:0 C:2 G:0 T:8

13 A:1 C:5 G:3 T:1

14 A:0 C:7 G:1 T:2

15 A:6 C:0 G:4 T:0

16 A:4 C:0 G:6 T:0

17 A:10 C:0 G:0 T:0

18 A:2 C:0 G:0 T:8

19 A:5 C:0 G:0 T:5

20 A:0 C:10 G:0 T:0

21 A:0 C:1 G:0 T:9

22 A:10 C:0 G:0 T:0

23 A:0 C:7 G:3 T:0

24 A:9 C:1 G:0 T:0

25 A:7 C:3 G:0 T:0