

ChIPMotifs Result

Motif Name : YY1_100_top_c3W1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3W1	1.000	1.000	0.0862663664131307	1
99.5%	YY1_100_top_c3W1	1.000	1.000	0.0862663664131307	1
99.0%	YY1_100_top_c3W1	1.000	1.000	0.0862663664131307	1
ID V\$YY1_100_top_c3W1					
MATR_LENGTH 6					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 1451					
MAXIMAL 1639					
FREQ_T 0.198388721047331					
FREQ_A 0.212990936555891					
FREQ_C 0.284994964753273					
FREQ_G 0.303625377643505					
1 A:0 C:0 G:19 T:312					
2 A:0 C:16 G:315 T:0					
3 A:0 C:331 G:0 T:0					
4 A:315 C:16 G:0 T:0					
5 A:13 C:178 G:81 T:59					
6 A:95 C:25 G:188 T:23					

Motif Name : YY1_100_top_c3W4



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3W4	1.000	1.000	0.37647245390986	1
99.5%	YY1_100_top_c3W4	1.000	1.000	0.37647245390986	1
99.0%	YY1_100_top_c3W4	1.000	1.000	0.37647245390986	1
ID V\$YY1_100_top_c3W4					
MATR_LENGTH 6					
CORE_START 2					
CORE_LENGTH 5					
CORE_MAXIMAL 2169					
MAXIMAL 2617					
FREQ_T 0.389949109414758					
FREQ_A 0.030852417302799					
FREQ_C 0.089058524173028					
FREQ_G 0.490139949109415					
1 A:0 C:0 G:76 T:448					
2 A:0 C:0 G:524 T:0					
3 A:34 C:192 G:43 T:255					
4 A:63 C:88 G:358 T:15					
5 A:0 C:0 G:16 T:508					
6 A:0 C:0 G:524 T:0					

Motif Name : YY1_100_top_c3W2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3W2	1.000	1.000	0.00143487741630853	0.381677392738069
99.5%	YY1_100_top_c3W2	1.000	1.000	0.00143487741630853	0.381677392738069
99.0%	YY1_100_top_c3W2	1.000	1.000	0.00143487741630853	0.381677392738069

ID V\$YY1_100_top_c3W2
 MATR_LENGTH 8
 CORE_START 1
 CORE_LENGTH 5
 CORE_MAXIMAL 498
 MAXIMAL 722
 FREQ_T 0.286214953271028
 FREQ_A 0.10981308411215
 FREQ_C 0.189252336448598
 FREQ_G 0.414719626168224
 1 A:0 C:2 G:5 T:100
 2 A:0 C:2 G:105 T:0
 3 A:0 C:0 G:21 T:86
 4 A:0 C:2 G:105 T:0
 5 A:1 C:102 G:2 T:2
 6 A:85 C:12 G:9 T:1
 7 A:1 C:37 G:19 T:50
 8 A:7 C:5 G:89 T:6

Motif Name : YY1_100_top_c3W5



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3W5	1.000	1.000	0.00185383109699762	0.493119071801367
99.5%	YY1_100_top_c3W5	1.000	1.000	0.00185383109699762	0.493119071801367
99.0%	YY1_100_top_c3W5	1.000	1.000	0.00185383109699762	0.493119071801367
ID V\$YY1_100_top_c3W5					
MATR_LENGTH 8					
CORE_START 2					
CORE_LENGTH 5					
CORE_MAXIMAL 518					
MAXIMAL 832					
FREQ_T 0.316666666666667					
FREQ_A 0.130208333333333					
FREQ_C 0.166666666666667					
FREQ_G 0.386458333333333					
1 A:0 C:5 G:9 T:106					
2 A:0 C:0 G:120 T:0					
3 A:6 C:31 G:6 T:77					
4 A:12 C:9 G:97 T:2					
5 A:1 C:0 G:8 T:111					
6 A:2 C:5 G:113 T:0					
7 A:0 C:104 G:8 T:8					
8 A:104 C:6 G:10 T:0					

Motif Name : YY1_100_top_c3W3



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3W3	1.000	1.000	0.000122450416998336	0.0325718109215574
99.5%	YY1_100_top_c3W3	1.000	1.000	0.000122450416998336	0.0325718109215574
99.0%	YY1_100_top_c3W3	1.000	0.961	0.000122450416998336	0.0325718109215574

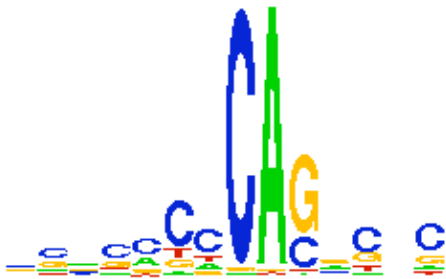
ID V\$YY1_100_top_c3W3
 MATR_LENGTH 10
 CORE_START 6
 CORE_LENGTH 5
 CORE_MAXIMAL 484
 MAXIMAL 846
 FREQ_T 0.0950980392156863
 FREQ_A 0.355882352941176
 FREQ_C 0.413725490196078
 FREQ_G 0.135294117647059
 1 A:81 C:2 G:15 T:4
 2 A:3 C:83 G:6 T:10
 3 A:64 C:5 G:33 T:0
 4 A:1 C:30 G:8 T:63
 5 A:22 C:3 G:71 T:6
 6 A:1 C:98 G:1 T:2
 7 A:96 C:4 G:0 T:2
 8 A:0 C:97 G:1 T:4
 9 A:95 C:2 G:2 T:3
 10 A:0 C:98 G:1 T:3

Motif Name : YY1_100_top_c3F1



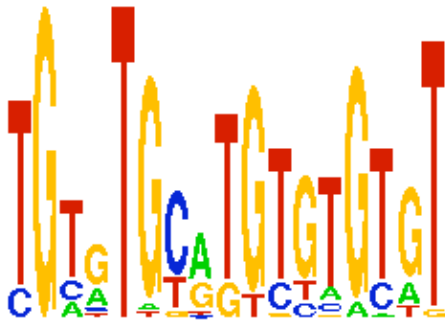
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99.9%	YY1_100_top_c3F1	1.000	0.998	0.267473811459849	1
99.5%	YY1_100_top_c3F1	1.000	0.958	1.10764374769728	1
99.0%	YY1_100_top_c3F1	1.000	0.938	0.330597275836737	1
ID V\$YY1_100_top_c3F1					
MATR_LENGTH 12					
CORE_START 4					
CORE_LENGTH 5					
CORE_MAXIMAL 1109					
MAXIMAL 1934					
FREQ_T 0.117167919799499					
FREQ_A 0.200501253132832					
FREQ_C 0.407268170426065					
FREQ_G 0.275062656641604					
1 A:43 C:106 G:73 T:44					
2 A:39 C:147 G:49 T:31					
3 A:33 C:151 G:38 T:44					
4 A:47 C:171 G:36 T:12					
5 A:2 C:257 G:7 T:0					
6 A:257 C:4 G:1 T:4					
7 A:1 C:1 G:261 T:3					
8 A:52 C:42 G:163 T:9					
9 A:39 C:103 G:76 T:48					
10 A:40 C:85 G:73 T:68					
11 A:32 C:157 G:38 T:39					
12 A:55 C:76 G:63 T:72					

Motif Name : YY1_100_top_c3F11



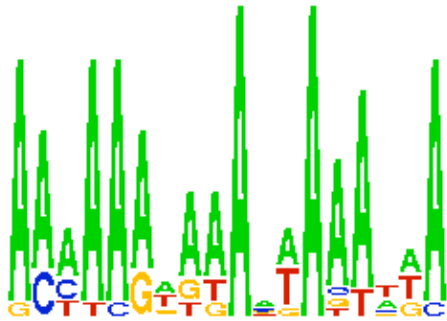
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3F11	1.000	0.966	0.720250172170453	1
99.5%	YY1_100_top_c3F11	1.000	0.915	0.157415847321413	1
99.0%	YY1_100_top_c3F11	1.000	0.900	0.918013631106927	1
ID V\$YY1_100_top_c3F11					
MATR_LENGTH 14					
CORE_START 6					
CORE_LENGTH 5					
CORE_MAXIMAL 1005					
MAXIMAL 2023					
FREQ_T 0.110902255639098					
FREQ_A 0.225026852846402					
FREQ_C 0.431793770139635					
FREQ_G 0.232277121374866					
1 A:52 C:92 G:82 T:40					
2 A:38 C:118 G:78 T:32					
3 A:97 C:48 G:82 T:39					
4 A:33 C:127 G:71 T:35					
5 A:73 C:126 G:44 T:23					
6 A:21 C:171 G:35 T:39					
7 A:43 C:147 G:32 T:44					
8 A:4 C:255 G:7 T:0					
9 A:256 C:2 G:5 T:3					
10 A:6 C:74 G:176 T:10					
11 A:83 C:74 G:84 T:25					
12 A:20 C:143 G:61 T:42					
13 A:77 C:81 G:54 T:54					
14 A:35 C:150 G:54 T:27					

Motif Name : YY1_100_top_c3M1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3M1	1.000	1.000	1.84703675128892	1
99.5%	YY1_100_top_c3M1	1.000	1.000	1.84703675128892	1
99.0%	YY1_100_top_c3M1	1.000	0.962	1.57538709790384	1
ID V\$YY1_100_top_c3M1					
MATR_LENGTH 17					
CORE_START 2					
CORE_LENGTH 5					
CORE_MAXIMAL 113					
MAXIMAL 368					
FREQ_T 0.437908496732026					
FREQ_A 0.0827886710239651					
FREQ_C 0.0980392156862745					
FREQ_G 0.381263616557734					
1 A:0 C:4 G:0 T:23					
2 A:0 C:0 G:27 T:0					
3 A:4 C:5 G:0 T:18					
4 A:7 C:2 G:16 T:2					
5 A:0 C:0 G:0 T:27					
6 A:1 C:0 G:25 T:1					
7 A:0 C:18 G:2 T:7					
8 A:15 C:1 G:9 T:2					
9 A:0 C:0 G:5 T:22					
10 A:0 C:0 G:24 T:3					
11 A:0 C:5 G:1 T:21					
12 A:0 C:3 G:20 T:4					
13 A:3 C:2 G:1 T:21					
14 A:2 C:0 G:25 T:0					
15 A:1 C:5 G:0 T:21					
16 A:5 C:0 G:19 T:3					
17 A:0 C:0 G:1 T:26					

Motif Name : YY1_100_top_c3M2

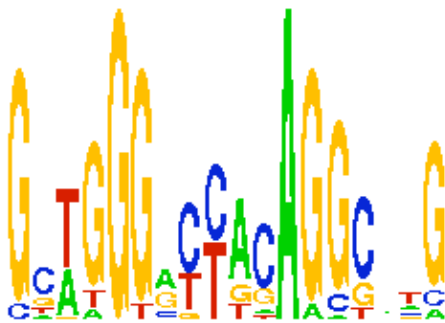


Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3M2	1.000	0.990	0.224871505213197	1
99.5%	YY1_100_top_c3M2	1.000	0.923	0.0038060028334587	1
99.0%	YY1_100_top_c3M2	1.000	0.894	0.000708047687338822	0.188340684832127

ID V\$YY1_100_top_c3M2
 MATR_LENGTH 18
 CORE_START 1
 CORE_LENGTH 5
 CORE_MAXIMAL 66
 MAXIMAL 207
 FREQ_T 0.142361111111111
 FREQ_A 0.711805555555556
 FREQ_C 0.059027777777778
 FREQ_G 0.086805555555556
 1 A:15 C:0 G:1 T:0
 2 A:12 C:4 G:0 T:0
 3 A:9 C:4 G:0 T:3
 4 A:15 C:0 G:0 T:1
 5 A:15 C:1 G:0 T:0
 6 A:12 C:0 G:4 T:0
 7 A:6 C:1 G:3 T:6
 8 A:11 C:0 G:3 T:2
 9 A:11 C:0 G:2 T:3
 10 A:16 C:0 G:0 T:0
 11 A:7 C:3 G:3 T:3
 12 A:7 C:0 G:2 T:7
 13 A:16 C:0 G:0 T:0

14 A:13 C:1 G:1 T:1
 15 A:14 C:0 G:0 T:2
 16 A:5 C:2 G:2 T:7
 17 A:6 C:0 G:4 T:6
 18 A:15 C:1 G:0 T:0

Motif Name : YY1_100_top_c3M3

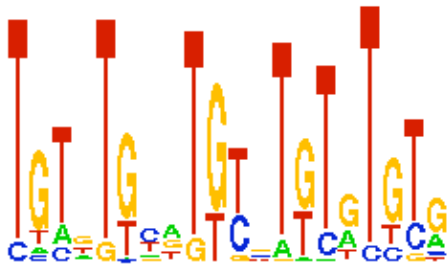


Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3M3	1.000	0.972	0.0566058089978081	1
99.5%	YY1_100_top_c3M3	1.000	0.953	0.000529005610245945	0.140715492325421
99.0%	YY1_100_top_c3M3	1.000	0.939	8.84330198823133e-05	0.0235231832886953

ID V\$YY1_100_top_c3M3
 MATR_LENGTH 18
 CORE_START 11
 CORE_LENGTH 5
 CORE_MAXIMAL 116
 MAXIMAL 359
 FREQ_T 0.150793650793651
 FREQ_A 0.192460317460317
 FREQ_C 0.216269841269841
 FREQ_G 0.44047619047619
 1 A:0 C:2 G:26 T:0
 2 A:3 C:16 G:5 T:4
 3 A:10 C:0 G:1 T:17
 4 A:2 C:0 G:23 T:3
 5 A:0 C:0 G:28 T:0
 6 A:0 C:0 G:26 T:2
 7 A:12 C:5 G:10 T:1
 8 A:0 C:17 G:2 T:9

9 A:0 C:14 G:0 T:14
 10 A:19 C:0 G:5 T:4
 11 A:2 C:19 G:5 T:2
 12 A:28 C:0 G:0 T:0
 13 A:2 C:0 G:26 T:0
 14 A:1 C:3 G:24 T:0
 15 A:0 C:19 G:6 T:3
 16 A:9 C:7 G:8 T:4
 17 A:7 C:4 G:4 T:13
 18 A:2 C:3 G:23 T:0

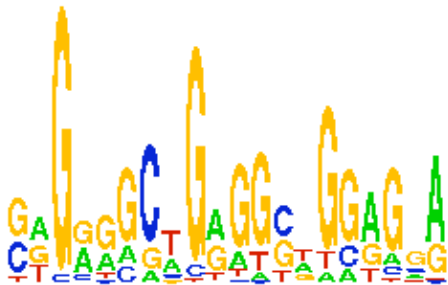
Motif Name : YY1_100_top_c3M11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3M11	1.000	1.000	1.93734686934106	1
99.5%	YY1_100_top_c3M11	1.000	1.000	1.93734686934106	1
99.0%	YY1_100_top_c3M11	1.000	0.927	1.14578267157854	1
ID V\$YY1_100_top_c3M11					
MATR_LENGTH 20					
CORE_START 13					
CORE_LENGTH 5					
CORE_MAXIMAL 162					
MAXIMAL 578					
FREQ_T 0.498837209302326					
FREQ_A 0.0941860465116279					
FREQ_C 0.108139534883721					
FREQ_G 0.298837209302326					
1 A:0 C:4 G:0 T:39					
2 A:3 C:3 G:31 T:6					

3 A:7 C:5 G:0 T:31
 4 A:11 C:3 G:16 T:13
 5 A:0 C:0 G:4 T:39
 6 A:1 C:1 G:29 T:12
 7 A:5 C:19 G:5 T:14
 8 A:18 C:2 G:12 T:11
 9 A:0 C:0 G:5 T:38
 10 A:0 C:0 G:31 T:12
 11 A:0 C:15 G:3 T:25
 12 A:7 C:11 G:17 T:8
 13 A:4 C:0 G:1 T:38
 14 A:2 C:0 G:25 T:16
 15 A:1 C:6 G:0 T:36
 16 A:12 C:1 G:23 T:7
 17 A:0 C:3 G:0 T:40
 18 A:0 C:7 G:27 T:9
 19 A:0 C:9 G:3 T:31
 20 A:10 C:4 G:25 T:4

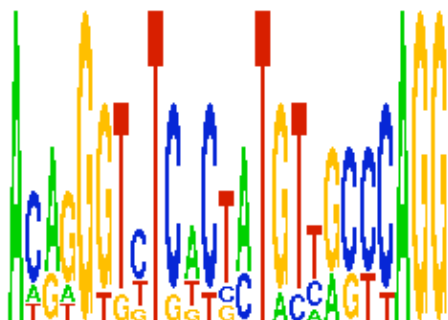
Motif Name : YY1_100_top_c3M12



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_top_c3M12	1.000	0.957	1.7609465280829	1
99.5%	YY1_100_top_c3M12	1.000	0.776	1.0758637778967	1
99.0%	YY1_100_top_c3M12	1.000	0.762	0.821762352484043	1
ID V\$YY1_100_top_c3M12					
MATR_LENGTH 20					
CORE_START 3					
CORE_LENGTH 5					

CORE_MAXIMAL 276
 MAXIMAL 1022
 FREQ_T 0.126506024096386
 FREQ_A 0.219879518072289
 FREQ_C 0.13855421686747
 FREQ_G 0.515060240963855
 1 A:1 C:33 G:41 T:8
 2 A:32 C:0 G:27 T:24
 3 A:0 C:3 G:80 T:0
 4 A:34 C:12 G:35 T:2
 5 A:24 C:4 G:46 T:9
 6 A:14 C:14 G:55 T:0
 7 A:8 C:60 G:15 T:0
 8 A:25 C:11 G:5 T:42
 9 A:0 C:5 G:76 T:2
 10 A:37 C:1 G:33 T:12
 11 A:13 C:3 G:60 T:7
 12 A:6 C:2 G:61 T:14
 13 A:0 C:36 G:32 T:15
 14 A:26 C:4 G:21 T:32
 15 A:6 C:0 G:68 T:9
 16 A:11 C:18 G:54 T:0
 17 A:47 C:0 G:22 T:14
 18 A:10 C:7 G:61 T:5
 19 A:14 C:15 G:42 T:12
 20 A:57 C:2 G:21 T:3

Motif Name : YY1_100_top_c3M13



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
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99.9%	YY1_100_top_c3M13	1.000	0.888	0.135750969500422	1
99.5%	YY1_100_top_c3M13	1.000	0.888	0.135750969500422	1
99.0%	YY1_100_top_c3M13	1.000	0.888	0.135750969500422	1

ID V\$YY1_100_top_c3M13

MATR_LENGTH 25

CORE_START 21

CORE_LENGTH 5

CORE_MAXIMAL 32

MAXIMAL 143

FREQ_T 0.262857142857143

FREQ_A 0.194285714285714

FREQ_C 0.245714285714286

FREQ_G 0.297142857142857

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

2 A:1 C:5 G:0 T:1

3 A:5 C:0 G:2 T:0

4 A:1 C:0 G:5 T:1

5 A:0 C:0 G:7 T:0

6 A:0 C:0 G:6 T:1

7 A:0 C:0 G:1 T:6

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

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

10 A:0 C:6 G:1 T:0

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

12 A:0 C:6 G:0 T:1

13 A:0 C:1 G:1 T:5

14 A:5 C:2 G:0 T:0

15 A:0 C:0 G:0 T:7

16 A:1 C:0 G:6 T:0

17 A:0 C:1 G:0 T:6

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

19 A:2 C:0 G:5 T:0

20 A:0 C:5 G:2 T:0

21 A:0 C:5 G:0 T:2

22 A:0 C:6 G:0 T:1

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

24 A:0 C:0 G:7 T:0

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