

ChIPMotifs Result

Motif Name : YY1_100_c1_1W1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1W1	1.000	1.000	2.36767039547376e-79	5.00288754563605e-76
99.5%	YY1_100_c1_1W1	1.000	1.000	2.36767039547376e-79	5.00288754563605e-76
99.0%	YY1_100_c1_1W1	1.000	1.000	2.36767039547376e-79	5.00288754563605e-76

ID V\$YY1_100_c1_1W1
MATR_LENGTH 6
CORE_START 2
CORE_LENGTH 5
CORE_MAXIMAL 42019
MAXIMAL 48641
FREQ_T 0.0532072673340749
FREQ_A 0.456099369670004
FREQ_C 0.460270671116055
FREQ_G 0.0304226918798665
1 A:6622 C:788 G:1015 T:565
2 A:0 C:8387 G:0 T:603
3 A:8990 C:0 G:0 T:0
4 A:0 C:8417 G:0 T:573
5 A:8990 C:0 G:0 T:0
6 A:0 C:7235 G:626 T:1129

Motif Name : YY1_100_c1_1W4



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1W4	1.000	1.000	7.36304062524649e-72	1.55581048411458e-68
99.5%	YY1_100_c1_1W4	1.000	1.000	7.36304062524649e-72	1.55581048411458e-68
99.0%	YY1_100_c1_1W4	1.000	1.000	7.36304062524649e-72	1.55581048411458e-68

ID V\$YY1_100_c1_1W4
MATR_LENGTH 6
CORE_START 1
CORE_LENGTH 5
CORE_MAXIMAL 40336
MAXIMAL 47665
FREQ_T 0.0589285714285714
FREQ_A 0.464266513056836
FREQ_C 0.467377112135177
FREQ_G 0.00942780337941628
1 A:0 C:7946 G:0 T:734
2 A:8170 C:0 G:0 T:510
3 A:0 C:8020 G:0 T:660
4 A:8680 C:0 G:0 T:0
5 A:0 C:7520 G:491 T:669
6 A:7329 C:855 G:0 T:496

Motif Name : YY1_100_c1_1W2



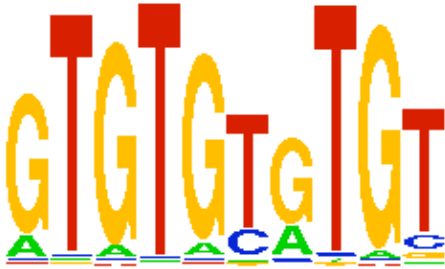
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1W2	1.000	1.000	1.90849638680872e-106	4.03265286532682e-103
99.5%	YY1_100_c1_1W2	1.000	1.000	1.90849638680872e-106	4.03265286532682e-103
99.0%	YY1_100_c1_1W2	1.000	1.000	1.90849638680872e-106	4.03265286532682e-103
ID V\$YY1_100_c1_1W2					
MATR_LENGTH 8					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 30491					
MAXIMAL 44846					
FREQ_T 0.442861496266951					
FREQ_A 0.0742038701813195					
FREQ_C 0.0546625019046168					
FREQ_G 0.428272131647113					
1 A:726 C:356 G:5427 T:54					
2 A:48 C:49 G:30 T:6436					
3 A:411 C:35 G:6099 T:18					
4 A:51 C:38 G:21 T:6453					
5 A:426 C:46 G:6076 T:15					
6 A:161 C:1400 G:108 T:4894					
7 A:2015 C:193 G:4217 T:138					
8 A:58 C:753 G:508 T:5244					

Motif Name : YY1_100_c1_1W5



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1W5	1.000	1.000	1.41885175110047e-122	2.99803375007529e-119
99.5%	YY1_100_c1_1W5	1.000	1.000	1.41885175110047e-122	2.99803375007529e-119
99.0%	YY1_100_c1_1W5	1.000	1.000	1.41885175110047e-122	2.99803375007529e-119
ID V\$YY1_100_c1_1W5					
MATR_LENGTH 8					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 30163					
MAXIMAL 43210					
FREQ_T 0.455918158969526					
FREQ_A 0.0790724159597864					
FREQ_C 0.0433160540370719					
FREQ_G 0.421693371033616					
1 A:81 C:105 G:107 T:6073					
2 A:436 C:61 G:5869 T:0					
3 A:54 C:58 G:46 T:6208					
4 A:468 C:49 G:5823 T:26					
5 A:89 C:56 G:31 T:6190					
6 A:480 C:62 G:5775 T:49					
7 A:317 C:1514 G:544 T:3991					
8 A:2102 C:301 G:3281 T:682					

Motif Name : YY1_100_c1_1W3



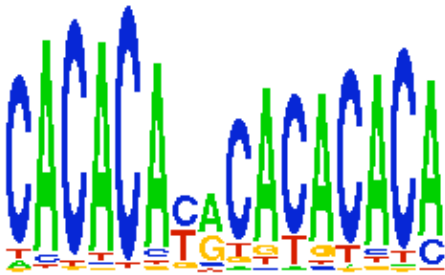
Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1W3	1.000	1.000	1.98229019402846e-51	4.18857917998214e-48
99.5%	YY1_100_c1_1W3	1.000	1.000	1.98229019402846e-51	4.18857917998214e-48
99.0%	YY1_100_c1_1W3	1.000	1.000	1.98229019402846e-51	4.18857917998214e-48
ID V\$YY1_100_c1_1W3					
MATR_LENGTH 10					
CORE_START 1					
CORE_LENGTH 5					
CORE_MAXIMAL 22353					
MAXIMAL 42773					
FREQ_T 0.449312575818843					
FREQ_A 0.0653659522846745					
FREQ_C 0.0503437120905782					
FREQ_G 0.434977759805904					
1 A:665 C:140 G:4034 T:107					
2 A:92 C:93 G:84 T:4677					
3 A:290 C:102 G:4493 T:61					
4 A:70 C:97 G:36 T:4743					
5 A:328 C:128 G:4406 T:84					
6 A:160 C:937 G:94 T:3755					
7 A:1230 C:239 G:3395 T:82					
8 A:64 C:110 G:59 T:4713					
9 A:192 C:92 G:4609 T:53					
10 A:142 C:552 G:304 T:3948					

Motif Name : YY1_100_c1_1W6



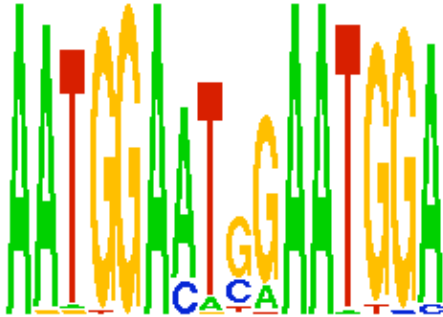
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99.9%	YY1_100_c1_1W6	1.000	1.000	3.66941805988901e-59	7.75348036054548e-56
99.5%	YY1_100_c1_1W6	1.000	1.000	3.66941805988901e-59	7.75348036054548e-56
99.0%	YY1_100_c1_1W6	1.000	1.000	3.66941805988901e-59	7.75348036054548e-56
ID V\$YY1_100_c1_1W6					
MATR_LENGTH 10					
CORE_START 5					
CORE_LENGTH 5					
CORE_MAXIMAL 21629					
MAXIMAL 41220					
FREQ_T 0.0585122210414453					
FREQ_A 0.454091392136026					
FREQ_C 0.443528161530287					
FREQ_G 0.0438682252922423					
1 A:111 C:4273 G:98 T:223					
2 A:4386 C:95 G:120 T:104					
3 A:71 C:3220 G:207 T:1207					
4 A:3572 C:79 G:919 T:135					
5 A:86 C:4205 G:139 T:275					
6 A:4434 C:63 G:106 T:102					
7 A:71 C:4249 G:117 T:268					
8 A:4422 C:66 G:116 T:101					
9 A:72 C:4319 G:113 T:201					
10 A:4140 C:299 G:129 T:137					

Motif Name : YY1_100_c1_1M1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1M1	1.000	1.000	0.452427681896726	1
99.5%	YY1_100_c1_1M1	1.000	0.997	0.452427681896726	1
99.0%	YY1_100_c1_1M1	1.000	0.986	1.28077389987331e-07	0.00027062752504323
ID V\$YY1_100_c1_1M1					
MATR_LENGTH 16					
CORE_START 2					
CORE_LENGTH 5					
CORE_MAXIMAL 2694					
MAXIMAL 7698					
FREQ_T 0.0808634020618557					
FREQ_A 0.426653780068729					
FREQ_C 0.440614261168385					
FREQ_G 0.0518685567010309					
1 A:29 C:506 G:9 T:38					
2 A:534 C:29 G:4 T:15					
3 A:5 C:549 G:7 T:21					
4 A:534 C:12 G:11 T:25					
5 A:2 C:559 G:5 T:16					
6 A:518 C:28 G:16 T:20					
7 A:13 C:265 G:60 T:244					
8 A:302 C:43 G:212 T:25					
9 A:25 C:464 G:31 T:62					
10 A:495 C:17 G:39 T:31					
11 A:18 C:462 G:0 T:102					
12 A:489 C:20 G:51 T:22					
13 A:9 C:506 G:9 T:58					
14 A:510 C:26 G:22 T:24					
15 A:12 C:527 G:7 T:36					
16 A:478 C:90 G:0 T:14					

Motif Name : YY1_100_c1_1M3



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1M3	1.000	1.000	7.82452752990905e-11	1.65332266706978e-07
99.5%	YY1_100_c1_1M3	1.000	1.000	7.82452752990905e-11	1.65332266706978e-07
99.0%	YY1_100_c1_1M3	1.000	1.000	7.82452752990905e-11	1.65332266706978e-07

ID V\$YY1_100_c1_1M3

MATR_LENGTH 16

CORE_START 11

CORE_LENGTH 5

CORE_MAXIMAL 226

MAXIMAL 690

FREQ_T 0.188858695652174

FREQ_A 0.438858695652174

FREQ_C 0.03125

FREQ_G 0.341032608695652

1 A:46 C:0 G:0 T:0

2 A:45 C:0 G:1 T:0

3 A:1 C:0 G:1 T:44

4 A:0 C:0 G:45 T:1

5 A:0 C:0 G:46 T:0

6 A:46 C:0 G:0 T:0

7 A:38 C:8 G:0 T:0

8 A:3 C:0 G:1 T:42

9 A:1 C:12 G:29 T:4

10 A:6 C:0 G:39 T:1

11 A:46 C:0 G:0 T:0

12 A:46 C:0 G:0 T:0

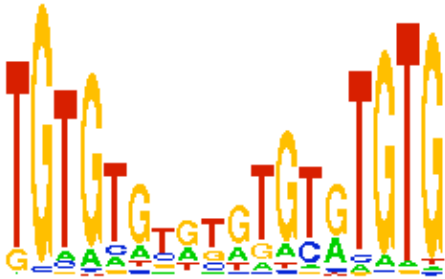
13 A:1 C:0 G:0 T:45

14 A:0 C:0 G:44 T:2

15 A:0 C:1 G:45 T:0

16 A:44 C:2 G:0 T:0

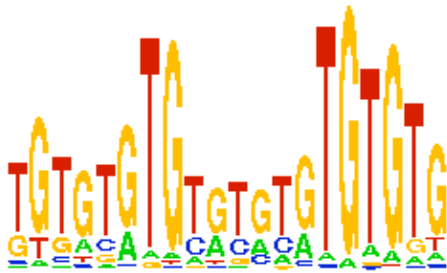
Motif Name : YY1_100_c1_1M2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1M2	1.000	1.000	1.10066127499102	1
99.5%	YY1_100_c1_1M2	1.000	0.972	0.60720122716742	1
99.0%	YY1_100_c1_1M2	1.000	0.966	0.00594832983565987	1
ID V\$YY1_100_c1_1M2					
MATR_LENGTH 18					
CORE_START 14					
CORE_LENGTH 5					
CORE_MAXIMAL 2251					
MAXIMAL 7160					
FREQ_T 0.404912502635463					
FREQ_A 0.101096352519502					
FREQ_C 0.0688382880033734					
FREQ_G 0.425152856841661					
1 A:8 C:0 G:60 T:459					
2 A:4 C:16 G:507 T:0					
3 A:35 C:28 G:13 T:451					
4 A:53 C:9 G:458 T:7					
5 A:53 C:59 G:34 T:381					
6 A:86 C:42 G:353 T:46					
7 A:51 C:111 G:79 T:286					
8 A:141 C:23 G:270 T:93					
9 A:32 C:93 G:110 T:292					
10 A:116 C:29 G:313 T:69					
11 A:53 C:18 G:88 T:368					
12 A:55 C:25 G:414 T:33					
13 A:32 C:115 G:23 T:357					
14 A:153 C:39 G:318 T:17					
15 A:25 C:30 G:8 T:464					

16 A:33 C:10 G:479 T:5
 17 A:17 C:0 G:13 T:497
 18 A:12 C:6 G:493 T:16

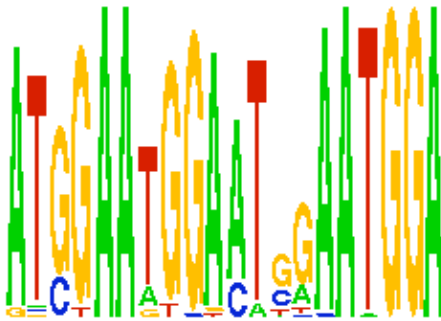
Motif Name : YY1_100_c1_1M12



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1M12	1.000	0.978	0.81739677399639	1
99.5%	YY1_100_c1_1M12	1.000	0.970	0.553337764735322	1
99.0%	YY1_100_c1_1M12	1.000	0.958	0.410075008906924	1
ID V\$YY1_100_c1_1M12					
MATR_LENGTH 20					
CORE_START 15					
CORE_LENGTH 5					
CORE_MAXIMAL 2008					
MAXIMAL 6779					
FREQ_T 0.405580357142857					
FREQ_A 0.102120535714286					
FREQ_C 0.0707589285714286					
FREQ_G 0.421540178571429					
1 A:21 C:26 G:100 T:301					
2 A:26 C:6 G:347 T:69					
3 A:21 C:34 G:77 T:316					
4 A:74 C:26 G:308 T:40					
5 A:29 C:59 G:45 T:315					
6 A:98 C:15 G:328 T:7					
7 A:20 C:2 G:16 T:410					
8 A:15 C:7 G:412 T:14					
9 A:46 C:95 G:18 T:289					

10 A:121 C:22 G:268 T:37
 11 A:20 C:96 G:48 T:284
 12 A:100 C:67 G:268 T:13
 13 A:54 C:86 G:16 T:292
 14 A:108 C:36 G:298 T:6
 15 A:20 C:12 G:0 T:416
 16 A:20 C:0 G:426 T:2
 17 A:33 C:7 G:16 T:392
 18 A:29 C:4 G:407 T:8
 19 A:26 C:11 G:44 T:367
 20 A:34 C:23 G:335 T:56

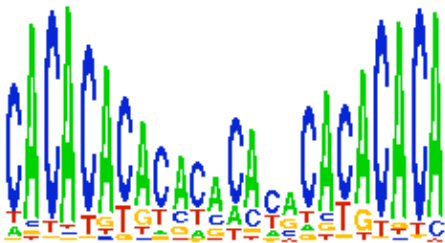
Motif Name : YY1_100_c1_1M13



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1M13	1.000	1.000	5.3756579394808e-08	0.000113587652261229
99.5%	YY1_100_c1_1M13	1.000	1.000	5.3756579394808e-08	0.000113587652261229
99.0%	YY1_100_c1_1M13	1.000	1.000	5.3756579394808e-08	0.000113587652261229
ID V\$YY1_100_c1_1M13					
MATR_LENGTH 20					
CORE_START 16					
CORE_LENGTH 5					
CORE_MAXIMAL 229					
MAXIMAL 840					
FREQ_T 0.198913043478261					
FREQ_A 0.407608695652174					
FREQ_C 0.0402173913043478					
FREQ_G 0.353260869565217					
1 A:44 C:0 G:2 T:0					
2 A:1 C:1 G:1 T:43					

3 A:0 C:10 G:36 T:0
 4 A:0 C:0 G:44 T:2
 5 A:46 C:0 G:0 T:0
 6 A:46 C:0 G:0 T:0
 7 A:6 C:0 G:3 T:37
 8 A:0 C:0 G:43 T:3
 9 A:0 C:1 G:45 T:0
 10 A:44 C:0 G:1 T:1
 11 A:37 C:9 G:0 T:0
 12 A:3 C:0 G:0 T:43
 13 A:2 C:13 G:25 T:6
 14 A:8 C:2 G:33 T:3
 15 A:45 C:1 G:0 T:0
 16 A:46 C:0 G:0 T:0
 17 A:1 C:0 G:0 T:45
 18 A:0 C:0 G:46 T:0
 19 A:0 C:0 G:46 T:0
 20 A:46 C:0 G:0 T:0

Motif Name : YY1_100_c1_1M11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-Value
99.9%	YY1_100_c1_1M11	1.000	0.975	1.02568462531799	1
99.5%	YY1_100_c1_1M11	1.000	0.963	1.12432772180849	1
99.0%	YY1_100_c1_1M11	1.000	0.942	0.22898308551166	1
ID V\$YY1_100_c1_1M11					
MATR_LENGTH 24					
CORE_START 20					
CORE_LENGTH 5					

CORE_MAXIMAL 2464
MAXIMAL 10253
FREQ_T 0.0945340501792115
FREQ_A 0.415770609318996
FREQ_C 0.423163082437276
FREQ_G 0.0665322580645161
1 A:42 C:453 G:17 T:46
2 A:505 C:22 G:16 T:15
3 A:4 C:510 G:12 T:32
4 A:517 C:13 G:11 T:17
5 A:6 C:479 G:14 T:59
6 A:470 C:19 G:42 T:27
7 A:5 C:413 G:29 T:111
8 A:402 C:21 G:89 T:46
9 A:42 C:373 G:42 T:101
10 A:362 C:93 G:74 T:29
11 A:74 C:345 G:22 T:117
12 A:319 C:118 G:90 T:31
13 A:95 C:397 G:5 T:61
14 A:395 C:100 G:32 T:31
15 A:90 C:283 G:28 T:157
16 A:287 C:88 G:146 T:37
17 A:37 C:430 G:35 T:56
18 A:448 C:39 G:38 T:33
19 A:7 C:401 G:27 T:123
20 A:444 C:0 G:83 T:31
21 A:2 C:499 G:11 T:46
22 A:506 C:12 G:20 T:20
23 A:6 C:512 G:7 T:33
24 A:503 C:47 G:1 T:7