

ChIPMotifs Result

Motif Name : ZNF274W1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W1	1.000	1.000	4.8571138735125e-208	1.63684737537371e-205
99.5%	ZNF274W1	1.000	1.000	4.8571138735125e-208	1.63684737537371e-205
99.0%	ZNF274W1	1.000	1.000	4.8571138735125e-208	1.63684737537371e-205

ID V\$ZNF274W1
 MATR_LENGTH 6
 CORE_START 1
 CORE_LENGTH 5
 CORE_MAXIMAL 4304
 MAXIMAL 4819
 FREQ_T 0.266631280962491
 FREQ_A 0.330856334041047
 FREQ_C 0.0159235668789809
 FREQ_G 0.386588818117481
 1 A:126 C:23 G:793 T:0
 2 A:900 C:19 G:0 T:23
 3 A:793 C:0 G:125 T:24
 4 A:0 C:0 G:23 T:919
 5 A:17 C:0 G:899 T:26
 6 A:34 C:48 G:345 T:515

Motif Name : ZNF274W12



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W12	1.000	1.000	5.27176917766827e-149	1.77658621287421e-146
99.5%	ZNF274W12	1.000	1.000	5.27176917766827e-149	1.77658621287421e-146
99.0%	ZNF274W12	1.000	1.000	5.27176917766827e-149	1.77658621287421e-146

ID V\$ZNF274W12
MATR_LENGTH 6
CORE_START 2
CORE_LENGTH 5
CORE_MAXIMAL 3061
MAXIMAL 3571
FREQ_T 0.277853569804457
FREQ_A 0.34924965893588
FREQ_C 0.0034106412005457
FREQ_G 0.369486130059118
1 A:510 C:0 G:23 T:200
2 A:12 C:0 G:721 T:0
3 A:326 C:15 G:19 T:373
4 A:600 C:0 G:118 T:15
5 A:88 C:0 G:11 T:634
6 A:0 C:0 G:733 T:0

Motif Name : ZNF274W16



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W16	1.000	1.000	1.20629345993044e-206	4.06520895996558e-204
99.5%	ZNF274W16	1.000	1.000	1.20629345993044e-206	4.06520895996558e-204
99.0%	ZNF274W16	1.000	1.000	1.20629345993044e-206	4.06520895996558e-204

ID V\$ZNF274W16

MATR_LENGTH 6

CORE_START 1

CORE_LENGTH 5

CORE_MAXIMAL 2414

MAXIMAL 2775

FREQ_T 0.356046065259117

FREQ_A 0.192258477287268

FREQ_C 0.0159948816378759

FREQ_G 0.435700575815739

1 A:438 C:23 G:42 T:18

2 A:0 C:0 G:0 T:521

3 A:19 C:0 G:502 T:0

4 A:25 C:0 G:0 T:496

5 A:29 C:0 G:457 T:35

6 A:90 C:27 G:361 T:43

Motif Name : ZNF274W5



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W5	1.000	1.000	3.56275791691297e-161	1.20064941799967e-158
99.5%	ZNF274W5	1.000	1.000	3.56275791691297e-161	1.20064941799967e-158
99.0%	ZNF274W5	1.000	1.000	3.56275791691297e-161	1.20064941799967e-158

ID V\$ZNF274W5
MATR_LENGTH 6
CORE_START 2
CORE_LENGTH 5
CORE_MAXIMAL 2541
MAXIMAL 2968
FREQ_T 0.325744308231173
FREQ_A 0.294220665499124
FREQ_C 0.0350262697022767
FREQ_G 0.345008756567426
1 A:27 C:90 G:427 T:27
2 A:34 C:18 G:21 T:498
3 A:407 C:12 G:132 T:20
4 A:23 C:0 G:0 T:548
5 A:0 C:0 G:571 T:0
6 A:517 C:0 G:31 T:23

Motif Name : ZNF274W9



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W9	1.000	1.000	2.73198081710543e-208	9.2067753536453e-206
99.5%	ZNF274W9	1.000	1.000	2.73198081710543e-208	9.2067753536453e-206
99.0%	ZNF274W9	1.000	1.000	2.73198081710543e-208	9.2067753536453e-206

ID V\$ZNF274W9
MATR_LENGTH 6
CORE_START 2
CORE_LENGTH 5
CORE_MAXIMAL 3031
MAXIMAL 3586
FREQ_T 0.332098765432099
FREQ_A 0.303703703703704
FREQ_C 0.0251851851851852
FREQ_G 0.339012345679012
1 A:555 C:55 G:28 T:37
2 A:541 C:28 G:86 T:20
3 A:17 C:0 G:21 T:637
4 A:0 C:0 G:675 T:0
5 A:26 C:0 G:17 T:632
6 A:91 C:19 G:546 T:19

Motif Name : ZNF274W13



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W13	1.000	1.000	1.47535319177974e-104	4.97194025629772e-102
99.5%	ZNF274W13	1.000	0.948	2.51491223770939e-146	8.47525424108064e-144
99.0%	ZNF274W13	1.000	0.920	2.01321419464735e-184	6.78453183596157e-182

ID V\$ZNF274W13
MATR_LENGTH 8
CORE_START 2
CORE_LENGTH 5
CORE_MAXIMAL 1469
MAXIMAL 2216
FREQ_T 0.3698738170347
FREQ_A 0.310725552050473
FREQ_C 0.027602523659306
FREQ_G 0.291798107255521
1 A:14 C:55 G:233 T:15
2 A:14 C:2 G:4 T:297
3 A:238 C:2 G:77 T:0
4 A:0 C:0 G:0 T:317
5 A:0 C:0 G:317 T:0
6 A:300 C:1 G:10 T:6
7 A:213 C:5 G:97 T:2
8 A:9 C:5 G:2 T:301

Motif Name : ZNF274W17



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W17	1.000	1.000	1.05235496876334e-120	3.54643624473246e-118
99.5%	ZNF274W17	1.000	0.940	2.64328265641424e-146	8.90786255211599e-144
99.0%	ZNF274W17	1.000	0.914	1.39807277288523e-152	4.71150524462323e-150

ID V\$ZNF274W17
MATR_LENGTH 8
CORE_START 1
CORE_LENGTH 5
CORE_MAXIMAL 1624
MAXIMAL 2437
FREQ_T 0.297887323943662
FREQ_A 0.26830985915493
FREQ_C 0.260915492957746
FREQ_G 0.172887323943662
1 A:9 C:13 G:2 T:331
2 A:0 C:354 G:0 T:1
3 A:342 C:5 G:0 T:8
4 A:4 C:85 G:0 T:266
5 A:331 C:4 G:6 T:14
6 A:15 C:266 G:57 T:17
7 A:58 C:10 G:83 T:204
8 A:3 C:4 G:343 T:5

Motif Name : ZNF274W2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W2	1.000	1.000	1.05235496876334e-120	3.54643624473246e-118
99.5%	ZNF274W2	1.000	0.930	2.64328265641424e-146	8.90786255211599e-144
99.0%	ZNF274W2	1.000	0.902	1.39807277288523e-152	4.71150524462323e-150

ID V\$ZNF274W2
MATR_LENGTH 8
CORE_START 1
CORE_LENGTH 5
CORE_MAXIMAL 1619
MAXIMAL 2488
FREQ_T 0.300414364640884
FREQ_A 0.261395027624309
FREQ_C 0.276588397790055
FREQ_G 0.161602209944751
1 A:15 C:19 G:2 T:326
2 A:0 C:360 G:1 T:1
3 A:347 C:5 G:0 T:10
4 A:3 C:104 G:0 T:255
5 A:331 C:4 G:8 T:19
6 A:1 C:296 G:53 T:12
7 A:57 C:10 G:63 T:232
8 A:3 C:3 G:341 T:15

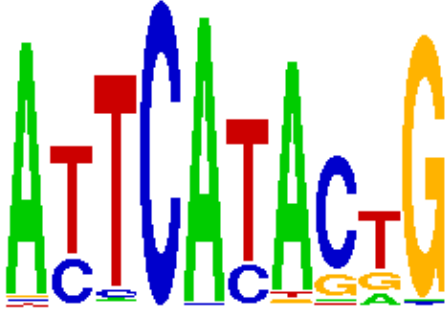
Motif Name : ZNF274W6



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W6	1.000	1.000	2.91996415798946e-128	9.84027921242448e-126
99.5%	ZNF274W6	1.000	0.896	6.06398067979717e-156	2.04356148909165e-153
99.0%	ZNF274W6	1.000	0.882	4.58986972475418e-157	1.54678609724216e-154

ID V\$ZNF274W6
MATR_LENGTH 8
CORE_START 4
CORE_LENGTH 5
CORE_MAXIMAL 1192
MAXIMAL 1891
FREQ_T 0.268396226415094
FREQ_A 0.194811320754717
FREQ_C 0.239150943396226
FREQ_G 0.297641509433962
1 A:14 C:237 G:4 T:10
2 A:1 C:260 G:0 T:4
3 A:202 C:1 G:6 T:56
4 A:2 C:3 G:259 T:1
5 A:17 C:6 G:6 T:236
6 A:172 C:0 G:91 T:2
7 A:5 C:0 G:0 T:260
8 A:0 C:0 G:265 T:0

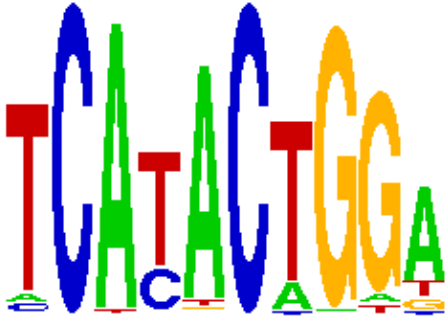
Motif Name : ZNF274W10



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W10	1.000	0.929	6.57186211201308e-129	2.21471753174841e-126
99.5%	ZNF274W10	1.000	0.889	9.77481647293076e-145	3.29411315137767e-142
99.0%	ZNF274W10	1.000	0.852	6.83490553314706e-192	2.30336316467056e-189

ID V\$ZNF274W10
MATR_LENGTH 10
CORE_START 3
CORE_LENGTH 5
CORE_MAXIMAL 1313
MAXIMAL 2454
FREQ_T 0.308070175438596
FREQ_A 0.310175438596491
FREQ_C 0.239649122807018
FREQ_G 0.142105263157895
1 A:273 C:4 G:5 T:3
2 A:2 C:87 G:1 T:195
3 A:8 C:12 G:3 T:262
4 A:0 C:284 G:1 T:0
5 A:280 C:4 G:0 T:1
6 A:0 C:64 G:1 T:220
7 A:267 C:2 G:7 T:9
8 A:10 C:219 G:48 T:8
9 A:40 C:4 G:63 T:178
10 A:4 C:3 G:276 T:2

Motif Name : ZNF274W14



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W14	1.000	0.933	1.02709657304284e-84	3.46131545115437e-82
99.5%	ZNF274W14	1.000	0.853	4.70476342280322e-152	1.58550527348469e-149
99.0%	ZNF274W14	1.000	0.828	1.90541194826958e-171	6.42123826566848e-169

ID V\$ZNF274W14
MATR_LENGTH 10
CORE_START 2
CORE_LENGTH 5
CORE_MAXIMAL 925
MAXIMAL 1794
FREQ_T 0.2665
FREQ_A 0.2935
FREQ_C 0.2385
FREQ_G 0.2015
1 A:10 C:10 G:2 T:178
2 A:0 C:200 G:0 T:0
3 A:196 C:0 G:0 T:4
4 A:3 C:56 G:0 T:141
5 A:188 C:2 G:3 T:7
6 A:0 C:200 G:0 T:0
7 A:30 C:3 G:1 T:166
8 A:3 C:0 G:196 T:1
9 A:9 C:1 G:181 T:9
10 A:148 C:5 G:20 T:27

Motif Name : ZNF274W18



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W18	1.000	0.935	3.82639593475685e-132	1.28949543001306e-129
99.5%	ZNF274W18	1.000	0.897	9.20716516326833e-156	3.10281466002143e-153
99.0%	ZNF274W18	1.000	0.846	4.35070912083292e-170	1.46618897372069e-167

ID V\$ZNF274W18
 MATR_LENGTH 10
 CORE_START 1
 CORE_LENGTH 5
 CORE_MAXIMAL 998
 MAXIMAL 1925
 FREQ_T 0.388837209302326
 FREQ_A 0.168837209302326
 FREQ_C 0.311627906976744
 FREQ_G 0.130697674418605
 1 A:2 C:2 G:1 T:210
 2 A:0 C:211 G:2 T:2
 3 A:28 C:24 G:2 T:161
 4 A:1 C:206 G:1 T:7
 5 A:2 C:210 G:0 T:3
 6 A:167 C:3 G:4 T:41
 7 A:4 C:6 G:203 T:2
 8 A:11 C:5 G:3 T:196
 9 A:147 C:3 G:65 T:0
 10 A:1 C:0 G:0 T:214

Motif Name : ZNF274W3



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W3	1.000	0.935	4.88965029153297e-110	1.64781214824661e-107
99.5%	ZNF274W3	1.000	0.898	6.49122600458787e-152	2.18754316354611e-149
99.0%	ZNF274W3	1.000	0.843	2.08539846242345e-158	7.02779281836703e-156

ID V\$ZNF274W3
MATR_LENGTH 10
CORE_START 1
CORE_LENGTH 5
CORE_MAXIMAL 1080
MAXIMAL 2086
FREQ_T 0.38744769874477
FREQ_A 0.232217573221757
FREQ_C 0.106276150627615
FREQ_G 0.274058577405858
1 A:5 C:10 G:224 T:0
2 A:10 C:4 G:0 T:225
3 A:168 C:0 G:70 T:1
4 A:5 C:0 G:10 T:224
5 A:0 C:0 G:239 T:0
6 A:210 C:2 G:20 T:7
7 A:147 C:8 G:72 T:12
8 A:2 C:7 G:5 T:225
9 A:1 C:12 G:13 T:213
10 A:7 C:211 G:2 T:19

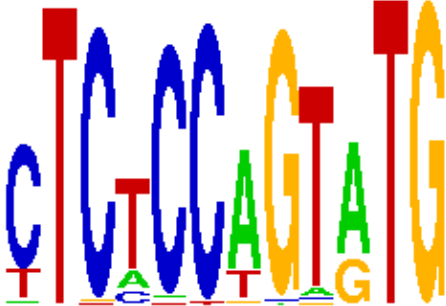
Motif Name : ZNF274W7



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W7	1.000	0.896	1.09883113615416e-135	3.70306092883952e-133
99.5%	ZNF274W7	1.000	0.870	7.7279159349673e-157	2.60430767008398e-154
99.0%	ZNF274W7	1.000	0.831	1.65527487619487e-157	5.57827633277671e-155

ID V\$ZNF274W7
 MATR_LENGTH 10
 CORE_START 6
 CORE_LENGTH 5
 CORE_MAXIMAL 974
 MAXIMAL 1911
 FREQ_T 0.287323943661972
 FREQ_A 0.169953051643192
 FREQ_C 0.308920187793427
 FREQ_G 0.233802816901408
 1 A:0 C:208 G:2 T:3
 2 A:31 C:27 G:3 T:152
 3 A:5 C:203 G:1 T:4
 4 A:1 C:209 G:0 T:3
 5 A:165 C:3 G:4 T:41
 6 A:2 C:3 G:206 T:2
 7 A:9 C:5 G:4 T:195
 8 A:148 C:0 G:65 T:0
 9 A:1 C:0 G:0 T:212
 10 A:0 C:0 G:213 T:0

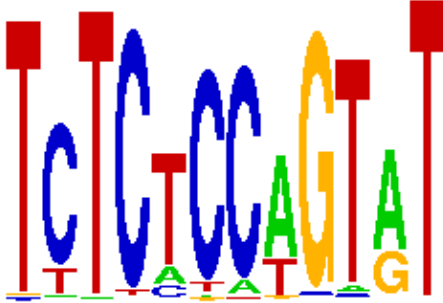
Motif Name : ZNF274W11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W11	1.000	0.856	1.30282649794947e-150	4.39052529808971e-148
99.5%	ZNF274W11	1.000	0.838	1.09790337689357e-158	3.69993438013133e-156
99.0%	ZNF274W11	1.000	0.802	4.07819046193821e-163	1.37435018567318e-160

ID V\$ZNF274W11
 MATR_LENGTH 12
 CORE_START 8
 CORE_LENGTH 5
 CORE_MAXIMAL 944
 MAXIMAL 2219
 FREQ_T 0.337359098228663
 FREQ_A 0.143719806763285
 FREQ_C 0.32085346215781
 FREQ_G 0.198067632850242
 1 A:5 C:160 G:3 T:39
 2 A:1 C:0 G:1 T:205
 3 A:0 C:201 G:3 T:3
 4 A:31 C:23 G:3 T:150
 5 A:4 C:198 G:1 T:4
 6 A:1 C:202 G:0 T:4
 7 A:159 C:3 G:7 T:38
 8 A:2 C:3 G:201 T:1
 9 A:9 C:5 G:5 T:188
 10 A:143 C:2 G:62 T:0
 11 A:1 C:0 G:0 T:206
 12 A:1 C:0 G:206 T:0

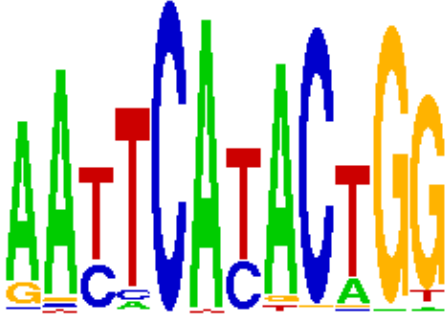
Motif Name : ZNF274W15



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W15	1.000	0.904	7.22036635342417e-146	2.43326346110395e-143
99.5%	ZNF274W15	1.000	0.838	8.9960856096223e-166	3.03168085044272e-163
99.0%	ZNF274W15	1.000	0.808	6.35690489325428e-167	2.14227694902669e-164

ID V\$ZNF274W15
 MATR_LENGTH 12
 CORE_START 3
 CORE_LENGTH 5
 CORE_MAXIMAL 976
 MAXIMAL 2276
 FREQ_T 0.431782945736434
 FREQ_A 0.14031007751938
 FREQ_C 0.314341085271318
 FREQ_G 0.113565891472868
 1 A:0 C:2 G:4 T:209
 2 A:5 C:174 G:2 T:34
 3 A:3 C:0 G:1 T:211
 4 A:0 C:207 G:2 T:6
 5 A:28 C:20 G:2 T:165
 6 A:3 C:197 G:3 T:12
 7 A:15 C:196 G:0 T:4
 8 A:152 C:3 G:4 T:56
 9 A:2 C:5 G:207 T:1
 10 A:8 C:5 G:2 T:200
 11 A:145 C:1 G:66 T:3
 12 A:1 C:1 G:0 T:213

Motif Name : ZNF274W19



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W19	1.000	0.861	4.70476342280322e-152	1.58550527348469e-149
99.5%	ZNF274W19	1.000	0.833	5.28116093050507e-165	1.77975123358021e-162
99.0%	ZNF274W19	1.000	0.805	2.1274955519829e-169	7.16966001018237e-167

ID V\$ZNF274W19
 MATR_LENGTH 12
 CORE_START 5
 CORE_LENGTH 5
 CORE_MAXIMAL 980
 MAXIMAL 2251
 FREQ_T 0.259345794392523
 FREQ_A 0.332554517133956
 FREQ_C 0.230529595015576
 FREQ_G 0.177570093457944
 1 A:180 C:5 G:27 T:2
 2 A:200 C:5 G:6 T:3
 3 A:3 C:70 G:2 T:139
 4 A:10 C:14 G:2 T:188
 5 A:0 C:214 G:0 T:0
 6 A:211 C:1 G:0 T:2
 7 A:0 C:67 G:1 T:146
 8 A:200 C:0 G:7 T:7
 9 A:1 C:209 G:3 T:1
 10 A:38 C:6 G:7 T:163
 11 A:4 C:0 G:209 T:1
 12 A:7 C:1 G:192 T:14

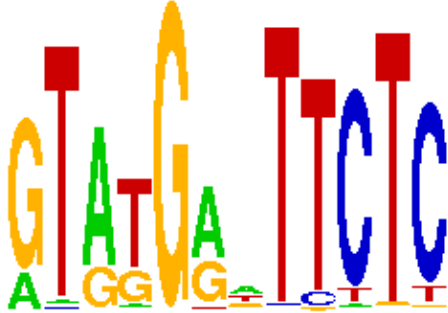
Motif Name : ZNF274W4



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W4	1.000	0.879	1.10070849739946e-145	3.70938763623618e-143
99.5%	ZNF274W4	1.000	0.823	2.00728336188443e-163	6.76454492955053e-161
99.0%	ZNF274W4	1.000	0.789	2.32173680918721e-167	7.8242530469609e-165

ID V\$ZNF274W4
 MATR_LENGTH 12
 CORE_START 2
 CORE_LENGTH 5
 CORE_MAXIMAL 933
 MAXIMAL 2196
 FREQ_T 0.21264367816092
 FREQ_A 0.330049261083744
 FREQ_C 0.203612479474548
 FREQ_G 0.253694581280788
 1 A:15 C:13 G:3 T:172
 2 A:0 C:203 G:0 T:0
 3 A:201 C:0 G:0 T:2
 4 A:0 C:60 G:0 T:143
 5 A:188 C:3 G:3 T:9
 6 A:1 C:198 G:3 T:1
 7 A:37 C:8 G:1 T:157
 8 A:4 C:1 G:197 T:1
 9 A:6 C:1 G:194 T:2
 10 A:149 C:3 G:21 T:30
 11 A:4 C:4 G:195 T:0
 12 A:199 C:2 G:1 T:1

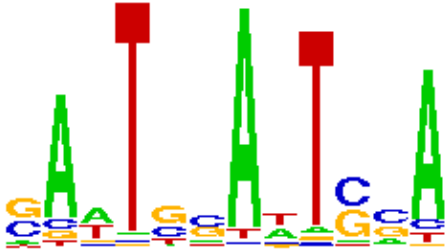
Motif Name : ZNF274W8



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274W8	1.000	0.889	1.08119021728668e-196	3.64361103225611e-194
99.5%	ZNF274W8	1.000	0.848	2.60117986193699e-236	8.76597613472766e-234
99.0%	ZNF274W8	1.000	0.823	7.51455566755363e-255	2.53240525996557e-252

ID V\$ZNF274W8
 MATR_LENGTH 12
 CORE_START 8
 CORE_LENGTH 5
 CORE_MAXIMAL 1604
 MAXIMAL 3386
 FREQ_T 0.417630057803468
 FREQ_A 0.170279383429672
 FREQ_C 0.165221579961464
 FREQ_G 0.246868978805395
 1 A:68 C:2 G:276 T:0
 2 A:9 C:7 G:0 T:330
 3 A:263 C:1 G:82 T:0
 4 A:18 C:2 G:90 T:236
 5 A:0 C:1 G:345 T:0
 6 A:203 C:1 G:127 T:15
 7 A:129 C:28 G:82 T:107
 8 A:1 C:5 G:2 T:338
 9 A:2 C:24 G:4 T:316
 10 A:9 C:310 G:1 T:26
 11 A:2 C:1 G:7 T:336
 12 A:3 C:304 G:9 T:30

Motif Name : ZNF274F1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274F1	1.000	0.863	3.27780202633893e-20	1.10461928287622e-17
99.5%	ZNF274F1	1.000	0.786	1.43747933567108e-37	4.84430536121154e-35
99.0%	ZNF274F1	1.000	0.736	9.66519000364622e-46	3.25716903122878e-43

ID V\$ZNF274F1

MATR_LENGTH 12

CORE_START 3

CORE_LENGTH 5

CORE_MAXIMAL 1079

MAXIMAL 2518

FREQ_T 0.269535113748764

FREQ_A 0.333580613254204

FREQ_C 0.201038575667656

FREQ_G 0.195845697329377

1 A:44 C:127 G:146 T:20

2 A:272 C:27 G:21 T:17

3 A:143 C:31 G:39 T:124

4 A:7 C:7 G:7 T:316

5 A:22 C:94 G:163 T:58

6 A:41 C:145 G:114 T:37

7 A:312 C:6 G:3 T:16

8 A:121 C:48 G:33 T:135

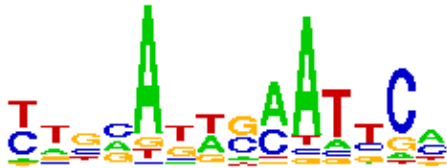
9 A:14 C:9 G:10 T:304

10 A:22 C:151 G:144 T:20

11 A:66 C:146 G:104 T:21

12 A:285 C:22 G:8 T:22

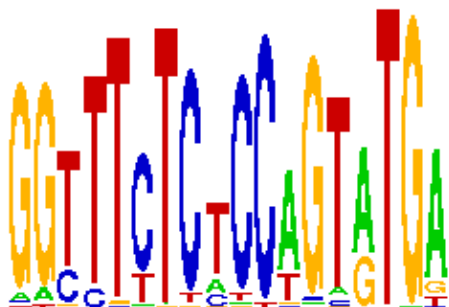
Motif Name : ZNF274F11



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274F11	1.000	0.905	3.3838636827013e-49	1.14036206107034e-46
99.5%	ZNF274F11	1.000	0.853	1.39943822328099e-118	4.71610681245694e-116
99.0%	ZNF274F11	1.000	0.827	2.30194805588884e-136	7.75756494834539e-134

ID V\$ZNF274F11
 MATR_LENGTH 14
 CORE_START 9
 CORE_LENGTH 5
 CORE_MAXIMAL 1069
 MAXIMAL 2518
 FREQ_T 0.261763459092836
 FREQ_A 0.301186943620178
 FREQ_C 0.248622297583722
 FREQ_G 0.188427299703264
 1 A:32 C:139 G:16 T:150
 2 A:79 C:31 G:59 T:168
 3 A:26 C:93 G:146 T:72
 4 A:100 C:135 G:91 T:11
 5 A:274 C:9 G:27 T:27
 6 A:36 C:38 G:111 T:152
 7 A:128 C:9 G:67 T:133
 8 A:47 C:121 G:151 T:18
 9 A:186 C:115 G:17 T:19
 10 A:270 C:21 G:21 T:25
 11 A:50 C:38 G:33 T:216
 12 A:23 C:78 G:67 T:169
 13 A:30 C:228 G:59 T:20
 14 A:140 C:118 G:24 T:55

Motif Name : ZNF274M1



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274M1	1.000	0.785	1.21930911120763e-156	4.10907170476971e-154
99.5%	ZNF274M1	1.000	0.745	8.58069727650911e-160	2.89169498218357e-157
99.0%	ZNF274M1	1.000	0.734	8.58069727650911e-160	2.89169498218357e-157

ID V\$ZNF274M1

MATR_LENGTH 18

CORE_START 13

CORE_LENGTH 5

CORE_MAXIMAL 941

MAXIMAL 3292

FREQ_T 0.378306878306878

FREQ_A 0.146031746031746

FREQ_C 0.233068783068783

FREQ_G 0.242592592592593

1 A:10 C:4 G:192 T:4

2 A:14 C:0 G:190 T:6

3 A:1 C:49 G:5 T:155

4 A:1 C:21 G:0 T:188

5 A:0 C:3 G:5 T:202

6 A:6 C:160 G:3 T:41

7 A:2 C:1 G:2 T:205

8 A:1 C:195 G:4 T:10

9 A:33 C:27 G:6 T:144

10 A:4 C:194 G:3 T:9

11 A:0 C:203 G:1 T:6

12 A:153 C:5 G:7 T:45

13 A:4 C:5 G:199 T:2

14 A:10 C:9 G:3 T:188

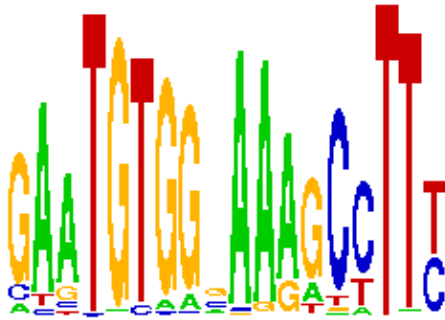
15 A:139 C:0 G:70 T:1

16 A:1 C:1 G:0 T:208

17 A:3 C:0 G:207 T:0

18 A:170 C:4 G:20 T:16

Motif Name : ZNF274M2



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274M2	1.000	0.776	1.5214616407077e-243	5.12732572918495e-241
99.5%	ZNF274M2	1.000	0.747	4.7380172072652e-244	1.59671179884837e-241
99.0%	ZNF274M2	1.000	0.718	3.75049655966161e-247	1.26391734060596e-244

ID V\$ZNF274M2

MATR_LENGTH 18

CORE_START 4

CORE_LENGTH 5

CORE_MAXIMAL 1005

MAXIMAL 3228

FREQ_T 0.280907668231612

FREQ_A 0.283255086071987

FREQ_C 0.149452269170579

FREQ_G 0.286384976525822

1 A:16 C:23 G:172 T:2

2 A:190 C:8 G:1 T:14

3 A:166 C:13 G:24 T:10

4 A:0 C:2 G:0 T:211

5 A:4 C:1 G:207 T:1

6 A:0 C:11 G:1 T:201

7 A:11 C:3 G:197 T:2

8 A:17 C:5 G:189 T:2

9 A:49 C:66 G:83 T:15

10 A:204 C:5 G:4 T:0

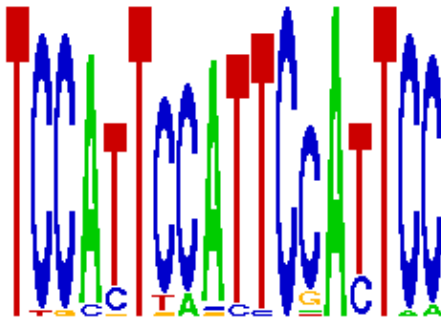
11 A:201 C:2 G:10 T:0

12 A:170 C:1 G:40 T:2

13 A:32 C:3 G:160 T:18

14 A:4 C:189 G:7 T:13
 15 A:17 C:149 G:0 T:47
 16 A:0 C:0 G:0 T:213
 17 A:3 C:1 G:1 T:208
 18 A:2 C:91 G:2 T:118

Motif Name : ZNF274M3

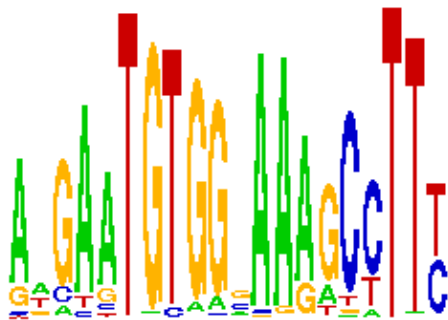


Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274M3	1.000	0.833	2.08538758926456e-63	7.02775617582157e-61
99.5%	ZNF274M3	1.000	0.780	1.09041110878462e-63	3.67468543660417e-61
99.0%	ZNF274M3	1.000	0.740	2.4823196775401e-61	8.36541731331014e-59

ID V\$ZNF274M3
 MATR_LENGTH 18
 CORE_START 14
 CORE_LENGTH 5
 CORE_MAXIMAL 174
 MAXIMAL 627
 FREQ_T 0.370870870870871
 FREQ_A 0.172672672672673
 FREQ_C 0.445945945945946
 FREQ_G 0.0105105105105105
 1 A:0 C:0 G:0 T:37
 2 A:0 C:36 G:0 T:1
 3 A:0 C:36 G:1 T:0
 4 A:35 C:2 G:0 T:0
 5 A:0 C:5 G:1 T:31
 6 A:0 C:0 G:0 T:37
 7 A:0 C:33 G:1 T:3
 8 A:4 C:33 G:0 T:0

9 A:35 C:1 G:1 T:0
 10 A:0 C:2 G:0 T:35
 11 A:0 C:1 G:0 T:36
 12 A:0 C:37 G:0 T:0
 13 A:1 C:32 G:3 T:1
 14 A:37 C:0 G:0 T:0
 15 A:0 C:8 G:0 T:29
 16 A:0 C:0 G:0 T:37
 17 A:1 C:36 G:0 T:0
 18 A:2 C:35 G:0 T:0

Motif Name : ZNF274M12

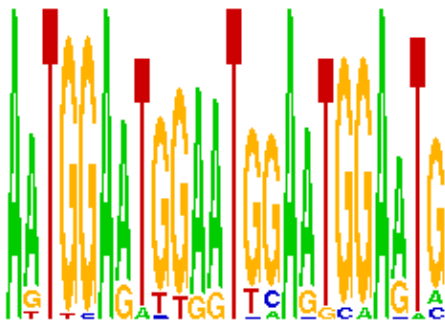


Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
99.9%	ZNF274M12	1.000	0.769	1.9230603507472e-240	6.48071338201806e-238
99.5%	ZNF274M12	1.000	0.737	4.46941938693351e-245	1.50619433339659e-242
99.0%	ZNF274M12	1.000	0.723	4.7380172072652e-244	1.59671179884837e-241

ID V\$ZNF274M12
 MATR_LENGTH 20
 CORE_START 6
 CORE_LENGTH 5
 CORE_MAXIMAL 982
 MAXIMAL 3387
 FREQ_T 0.271980676328502
 FREQ_A 0.314009661835749
 FREQ_C 0.139613526570048
 FREQ_G 0.274396135265701
 1 A:164 C:9 G:30 T:4
 2 A:79 C:13 G:41 T:74
 3 A:16 C:23 G:166 T:2

FREQ_T 0.188114485470832
 FREQ_A 0.394144636224601
 FREQ_C 0.202752894909329
 FREQ_G 0.214987983395237
 1 A:1 C:190 G:1 T:7
 2 A:196 C:2 G:1 T:0
 3 A:1 C:33 G:1 T:164
 4 A:67 C:97 G:29 T:6
 5 A:162 C:1 G:13 T:23
 6 A:33 C:7 G:151 T:8
 7 A:188 C:9 G:2 T:0
 8 A:29 C:6 G:148 T:16
 9 A:164 C:3 G:28 T:4
 10 A:183 C:7 G:8 T:1
 11 A:2 C:63 G:2 T:132
 12 A:14 C:21 G:4 T:160
 13 A:0 C:198 G:0 T:1
 14 A:198 C:0 G:1 T:0
 15 A:0 C:66 G:0 T:133
 16 A:175 C:3 G:11 T:10
 17 A:2 C:190 G:3 T:4
 18 A:39 C:9 G:5 T:146
 19 A:12 C:1 G:186 T:0
 20 A:10 C:7 G:178 T:4
 21 A:131 C:8 G:26 T:34
 22 A:12 C:3 G:181 T:3
 23 A:185 C:4 G:5 T:5

Motif Name : ZNF274M13



Confidence_Level	Motif_Name	Core_Score	PWM_Score	P-Value	Bonferroni Corrected P-value
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99.9%	ZNF274M13	1.000	0.710	4.54051390243522e-67	1.53015318512067e-64
99.5%	ZNF274M13	1.000	0.687	6.72642081740023e-69	2.26680381546388e-66
99.0%	ZNF274M13	1.000	0.677	6.72642081740023e-69	2.26680381546388e-66

ID V\$ZNF274M13

MATR_LENGTH 24

CORE_START 3

CORE_LENGTH 5

CORE_MAXIMAL 171

MAXIMAL 789

FREQ_T 0.221064814814815

FREQ_A 0.385416666666667

FREQ_C 0.0162037037037037

FREQ_G 0.377314814814815

1 A:36 C:0 G:0 T:0

2 A:30 C:0 G:4 T:2

3 A:0 C:0 G:0 T:36

4 A:0 C:0 G:35 T:1

5 A:0 C:1 G:35 T:0

6 A:36 C:0 G:0 T:0

7 A:29 C:0 G:7 T:0

8 A:2 C:0 G:0 T:34

9 A:0 C:1 G:31 T:4

10 A:0 C:0 G:32 T:4

11 A:32 C:0 G:4 T:0

12 A:31 C:0 G:5 T:0

13 A:0 C:0 G:0 T:36

14 A:0 C:1 G:30 T:5

15 A:2 C:4 G:30 T:0

16 A:36 C:0 G:0 T:0

17 A:30 C:1 G:5 T:0

18 A:0 C:0 G:2 T:34

19 A:0 C:2 G:34 T:0

20 A:2 C:0 G:34 T:0

21 A:36 C:0 G:0 T:0

22 A:27 C:1 G:8 T:0

23 A:1 C:0 G:0 T:35

24 A:3 C:3 G:30 T:0