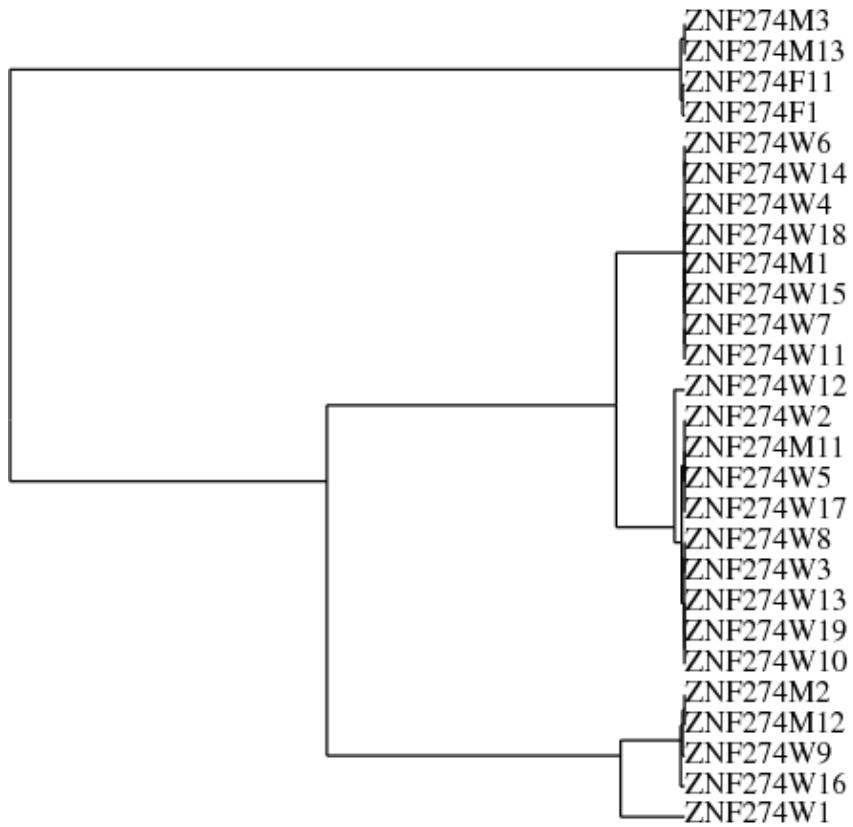


Information from STAMP

The following results were obtained using default options from STAMP

Phylogenetic tree from the Obtained motifs



ZNF274W1

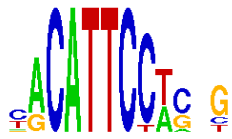

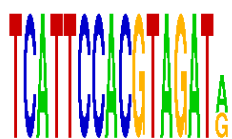

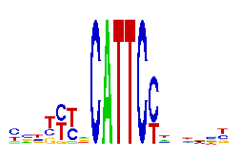


Motif Name

E-Value


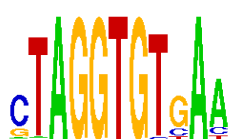
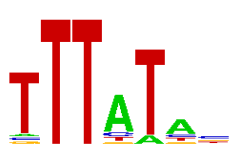
Alignment

Weblogo

TEAD	2.0663e-03	----GAATGK- CNSWGGAATGTR	
CAT8_Q6	5.0528e-03	---GAATGK GGNNAATGG	
O2_01	8.6408e-03	-----GAATGK YATCTACGTGGAATGA	
TEF1_Q6	1.1240e-02	MCATTC- -CATYYC	
ABAA_01	1.7252e-02	-----GAATGK----- NNNNNNGGAATGNRRNNNN	

ZNF274W10



Motif Name	E-Value	Alignment	Weblogo
TBP_01	8.3395e-03	-ATTCATACTG WATTTATA---	
T	2.1352e-02	ATTCATACTG-- -TTCACACCTAG	
TBP_Q6	2.4921e-02	CAGTATGAAT- --ATATAAANR	

POU1F1_Q6 3.2654e-02

---ATTCATACTG
WWTATNCAT---

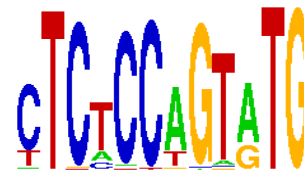


CF2II_01 3.6493e-02

-ATTCATACTG
TAYATATAY--



ZNF274W11



Motif Name	E-Value	Alignment	Weblogo
AREB6_01	1.7979e-02	CATACTGGAGAG-- -RNWCAGGTRNRNN	
XPF1_Q6	6.3759e-02	-CTCTCCAGTATG GKTSNYCNGA---	
GRH_01	7.9773e-02	CTCTCCAGTATG -AAACCRGT---	
Pax5	8.1162e-02	-----CTCTCCAGTATG-- YSGYYMCGCWNCRNNNNNCN	
MAT1MC_02	8.4206e-02	-CATACTGGAGAG NRACAATNGR---	

ZNF274W12

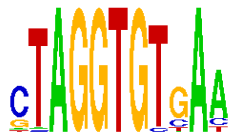
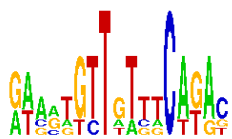

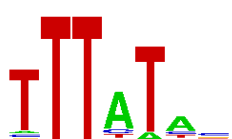


Motif Name	E-Value	Alignment	Weblogo
UNC86_Q2	1.5696e-02	----AGWATG ATTTYKWATG	
O2_01	3.7207e-02	-----AGWATG- YATCTACGTGGAATGA	
OCT1_05	3.9087e-02	-----CATWCT MKNATTTGCATAYY	
TAXCREB_02	3.9547e-02	---AGWATG----- GGGRTATGCGTCAY	
POU6F1_01	4.0839e-02	----AGWATG- ATAAWTTATGC	

ZNF274W13


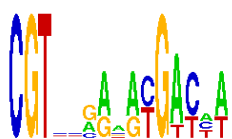




Motif Name	E-Value	Alignment	Weblogo
POU1F1_Q6	4.1655e-03	----ATTCATAC WWTTATNCAT--	

T	6.7534e-03	---GTATGAAT CTAGGTGTGAA-	
FOXP3_Q4	7.4820e-03	GTATGAAT----- NTMTGNNANAACNNWY	
CAT8_Q6	1.2059e-02	--ATTCATAC CCATTNNCC	
TBP_Q6	1.2913e-02	GTATGAAT- ATATAAANR	

ZNF274W14

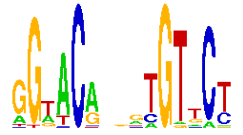


Motif Name	E-Value	Alignment	Weblogo
GRH_01	4.6281e-02	--TCCAGTATGA AAACCRGT----	
TAF_Q6	4.8037e-02	---TCATACTGGA-- TNGTCRTNTYNNACG	
Pax6	5.1870e-02	---TCCAGTATGA- MANTSAWGCCTGAA	
NKX25_01	5.5385e-02	TCATACTGGA ---CACTRA	

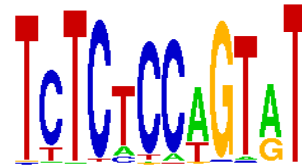
AR_01

6.2345e-02

--TCCAGTATGA--
GGWACANNNTGTNCT



ZNF274W15



Motif Name	E-Value	Alignment	Weblogo
AREB6_01	1.4420e-02	ATACTGGAGAGA- RNWCAGGTRNRNN	
XPF1_Q6	5.2725e-02	TCTCTCCAGTAT GKTSNYCNGA--	
NKX25_01	7.6203e-02	TCTCTCCAGTAT ---TYAAGTG-	
MAT1MC_02	8.4343e-02	TCTCTCCAGTAT-- ---YCNATTGTYN	
MAZ_Q6	8.4521e-02	TCTCTCCAGTAT -CCCTCCCC---	

ZNF274W16



Motif Name	E-Value	Alignment	Weblogo
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COREBINDINGFACTOR_Q6 2.6401e-03

--CCACAT
WNACCACA-



OSF2_Q6 2.8252e-03

-ATGTGG-
KNTGTGGT



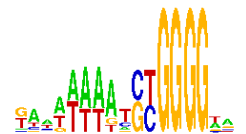
AML1_Q6 3.9747e-03

-CCACAT
ACCACA-



MIG1_01 4.6567e-03

---CCACAT-----
NNCCCCRSNTTTWNNM



AML1_01 4.7720e-03

-CCACAT
ACCACA-



ZNF274W17



Motif Name	E-Value	Alignment	Weblogo
ZTA_Q2	1.6367e-02	----TCATACKG- TGWGYCANNNTNW	
PAX3_01	3.5174e-02	--CMGTATGA--- KNAAGYGTGACGA	
T	4.7132e-02	-TCATACKG-- TTCACACCTAG	

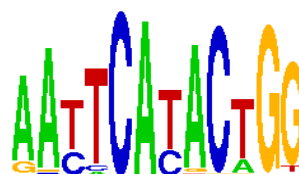
TCF11-MafG	4.7707e-02	-TCATACKG GTCATN---	
ICSBP_Q6	5.6168e-02	CMGTATGA---- CAGTTTCAYYTY	

ZNF274W18



Motif Name	E-Value	Alignment	Weblogo
AREB6_01	2.9325e-02	---TCTCCAGTAT NNYNYACCTGWN	
LXR_DR4_Q3	3.6831e-02	---TCTCCAGTAT--- TGACCGNNAGTAACCC	
DR4_Q2	4.0065e-02	---TCTCCAGTAT---- TGNCCTNNNNTRACCYN	
ZID_01	4.0541e-02	--TCTCCAGTAT- NGGCTCYATCAYC	
GRH_01	4.6988e-02	TCTCCAGTAT AAACCRGT--	

ZNF274W19



Motif Name	E-Value	Alignment	Weblogo
TBP_01	2.0814e-02	AATTCATACTGG WATTTATA----	
POU1F1_Q6	3.5658e-02	CCAGTATGAATT--- -----ATGNATAAWW	
T	4.0952e-02	-CCAGTATGAATT CTAGGTGTGAA--	
ISRE_01	5.1665e-02	CCAGTATGAATT--- -CAGTTTCWNTTTCNC	
Prrx2	5.6801e-02	CCAGTATGAATT -----TAATT	

ZNF274W2



Motif Name	E-Value	Alignment	Weblogo
ZTA_Q2	1.5101e-02	---TCATACTG- TGWGYCANNNTNW	

PAX3_01	2.4174e-02	--CAGTATGA--- KNAAGYGTGACGA	
T	3.8818e-02	-TCATACTG-- TTCACACCTAG	
TCF11-MafG	5.0987e-02	-TCATACTG GTCATN---	
AP2REP_01	5.1036e-02	TCATACTG -NCCACTG	

ZNF274W3



Motif Name	E-Value	Alignment	Weblogo
TBP_01	9.3221e-03	GAATTCATAC -WATTTATA-	
T	1.5946e-02	---GTATGAATTC CTAGGTGTGAA---	
PAX_Q6	1.9267e-02	GTATGAATTC--- --GTKAGTCCAG	
BRACH_01	2.3572e-02	GAATTCATAC----- AATTCACACCTAGGTGTSANNNN	

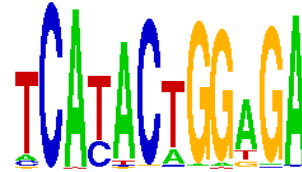
Pax6

2.8692e-02

----GTATGAATTC
TTCACGCWTSANTK-



ZNF274W4

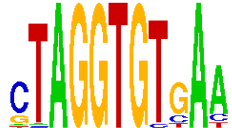
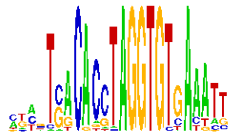
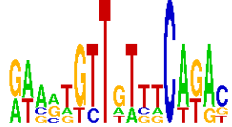
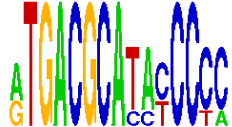
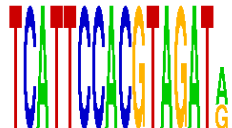


Motif Name	E-Value	Alignment	Weblogo
Pax6	3.6798e-02	-TCATACTGGAGA- TTCACGCWTSANTK	
XPF1_Q6	6.4065e-02	--TCTCCAGTATGA GKTSNYCNGA----	
AREB6_01	7.1872e-02	---TCTCCAGTATGA NNYNYACCTGWNY--	
GRH_01	7.8203e-02	TCTCCAGTATGA AAACCRGT----	
MAT1MC_02	8.5648e-02	TCTCCAGTATGA --YCNATTGTYN	

ZNF274W5

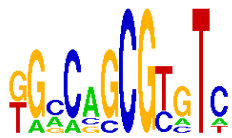





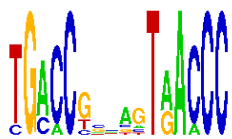
Motif Name	E-Value	Alignment	Weblogo
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T	6.8688e-03	---GTATGA- CTAGGTGTGAA	
BRACH_01	9.2364e-03	-----GTATGA---- NNNNTSACACCTAGGTGTGAAATT	
FOXP3_Q4	1.0621e-02	GTATGA----- NTMTGNNANAACNNNWWY	
TAXCREB_02	1.4998e-02	---GTATGA---- GGGRTATGCGTCA Y	
O2_01	2.3881e-02	-----GTATGA YATCTACGTGGAATGA	

ZNF274W6

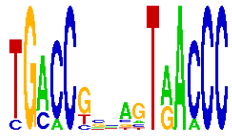
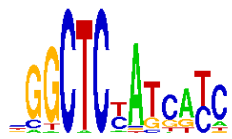
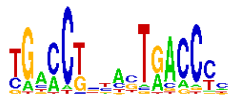

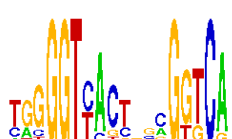


Motif Name	E-Value	Alignment	Weblogo
HAC1_Q2	3.0243e-02	--CATACTGG-- GACACGCTGKCM	
AREB6_01	4.2397e-02	CATACTGG----- -RNWCAGGTRNRNN	
SOX9	4.2695e-02	CCAGTATG- CYATTGTTN	

AP2REP_01	4.3978e-02	CATACTGG NCCACTG-	
LXR_DR4_Q3	4.6573e-02	--CATACTGG----- GGGTTACTNNCGGTCA	

ZNF274W7



Motif Name	E-Value	Alignment	Weblogo
LXR_DR4_Q3	3.8787e-02	--CATACTGGAG--- GGGTTACTNNCGGTCA	
ZID_01	3.9355e-02	---CTCCAGTATG NGGCTCYATCAYC	
DR4_Q2	4.3031e-02	---CTCCAGTATG--- TGNCCTNNNNTRACCCYN	
GRH_01	4.7514e-02	-CTCCAGTATG AAACCRGT---	
LXR_Q3	5.2235e-02	---CTCCAGTATG--- TGACCNNNAGTRACCCCA	

ZNF274W8

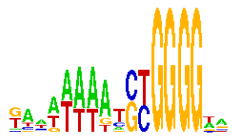

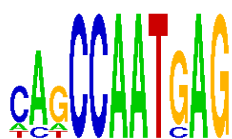
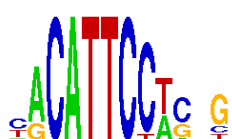


Motif Name	E-Value	Alignment	Weblogo
POU6F1_01	1.8029e-02	GTATGRNTTCTC GCATAAWTTAT-	
HSF_01	3.5346e-02	GTATGRNTTCTC -----NTTCT-	
DL_02	4.5302e-02	GTATGRNTTCTC--- ---NGNTTTTCYCN	
NFKAPPAB_01	4.6208e-02	GTATGRNTTCTC --GGRAAKTCCC	
HSF_01	4.6462e-02	GAGAANYCATAC -NGAAN-----	

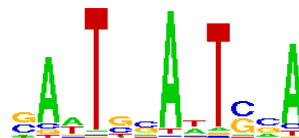
ZNF274W9

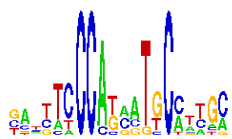
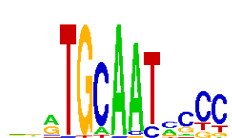




Motif Name	E-Value	Alignment	Weblogo
ZEN_Q6	7.1576e-03	---AATGTG KTWAATGW-	

MIG1_01	7.9943e-03	----CACATT----- NNCCCCRSNTTTWNNM	
AP3_Q6	1.2612e-02	AATGTG-- AATTKRGA	
ALPHACP1_01	1.4962e-02	CACATT----- CTCATTGGCTG	
TEAD	1.6881e-02	CACATT----- YACATTCCWSNG	

ZNF274F1

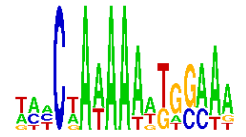


Motif Name	E-Value	Alignment	Weblogo
Staf	4.1550e-02	TNSANTNNANTS----- -KCNNKGMANNMTGGGANNNN	
CHOP_01	5.3604e-02	-TNSANTNNANTS GGSNATTGCAAYNN	
Chop-cEBP	5.9326e-02	TNSANTNNANTS GSNATTGCAAYNN	
TEF1_Q6	9.0949e-02	SANTNNANTSNA ----CATYYC-	

MADSB_Q2

1.0622e-01

TNSANTNNANTS-----
--TTTSCATTTTTRGNW

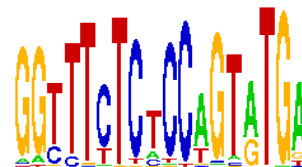


ZNF274F11



Motif Name	E-Value	Alignment	Weblogo
FTZ_01	5.3836e-02	NGNATKSNNTNNNR --NNNNCAATTAAG	
FOXM1_01	7.9620e-02	YNNNANNSMATNCN ----ANTCNANYT-	
Prrx2	8.0524e-02	YNNNANNSMATNCN -----TAATT--	
OCT1_Q5_01	1.1006e-01	NGNATKSNNTNNNR---- -----NATGNAATNN	
NKX25_02	1.1316e-01	YNNNANNSMATNCN CWTAATTN-----	

ZNF274M1


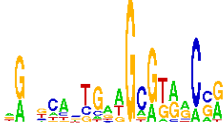
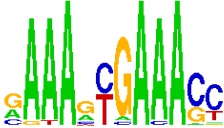




Motif Name

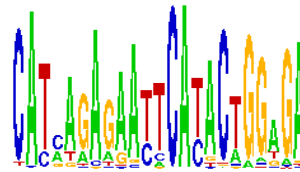
E-Value

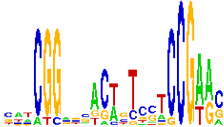


Alignment

Weblogo

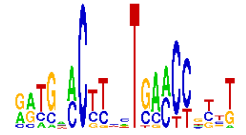
HSF_01	7.0517e-03	GGTTTCTCTCCAGTATGA --NTTCT-----	
Pax5	1.6356e-02	-GGTTTCTCTCCAGTATGA- YSGYYMCGCWNCRNNNNNCN	
IRF1	4.0482e-02	TCATACTGGAGAGAAACC -----NAAANYGAAACC	
SPIB	4.2475e-02	GGTTTCTCTCCAGTATGA --TTCKST-----	
DL_02	4.2910e-02	GGTTTCTCTCCAGTATGA NGNTTTTCYCN-----	

ZNF274M11

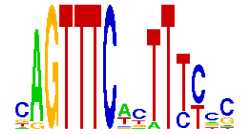


Motif Name	E-Value	Alignment	Weblogo
GAL4_01	6.7319e-07	CATMAGAGAATTCATACTGGAGA STTCGASNANWGTNNNCCGNNN	
IRF1_Q6	5.5133e-03	CATMAGAGAATTCATACTGGAGA ---AANTGAA-----	
LEF1_Q2	6.9736e-03	TCTCCAGTATGAATTCCTCTKATG -----CTTTGA--	

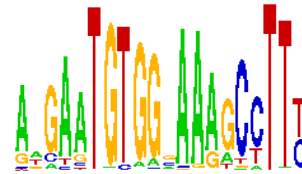
DR3_Q4 1.2251e-02 ----CATMAGAGAATTCATACTGGAGA
ANNNGGKTCANNARGKNCAYY-----



ISRE_01 1.7716e-02 TCTCCAGTATGAATTCTCTKATG
----CAGTTTCWNTTTCNC----

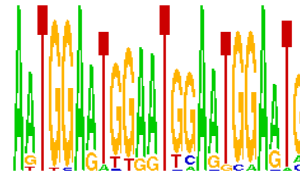


ZNF274M12



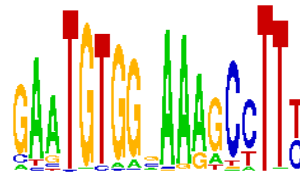
Motif Name	E-Value	Alignment	Weblogo
MNB1A	2.2725e-03	RAAGGCTTTNCCACATTCNT ----NCTTT-----	
PBF	2.7190e-03	RAAGGCTTTNCCACATTCNT ----RCTTT-----	
E2F1DP1_01	4.9972e-03	RAAGGCTTTNCCACATTCNT -----TTTCSCGC-----	
E2F1DP2_01	5.1529e-03	ANGAATGTGGNAAAGCCTTY -----GCGGGAAA-----	
DL_02	9.8809e-03	ANGAATGTGGNAAAGCCTTY -----NGRGAAAANCN--	

ZNF274M13






Motif Name	E-Value	Alignment	Weblogo
TEF1_Q6	5.4332e-04	CATTCCATTCCATTCCATTCCATT -----CATYYC-----	
HSF_02	6.0892e-02	CATTCCATTCCATTCCATTCCATT -NTTCNNTTCNNTTCN-----	
HSF_02	9.3615e-02	CATTCCATTCCATTCCATTCCATT -NTTCTNTTCTNTTCT-----	
CAT8_Q6	1.1105e-01	AATGGAATGGAATGGAATGGAATG -----GGNNAATGG----	
DTYPEPA_B	1.3120e-01	AATGGAATGGAATGGAATGGAATG ----GTTTAATGGT-----	

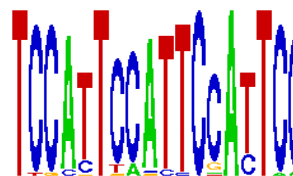
ZNF274M2


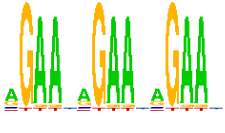
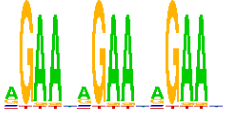



Motif Name	E-Value	Alignment	Weblogo
MNB1A	3.8399e-03	RAAGGCTTTNCCACATTC ---NCTTT-----	

PBF	4.4981e-03	RAAGGCTTTNCCACATTC ---RCTTT-----	
E2F1DP1_01	7.1875e-03	RAAGGCTTTNCCACATTC -----TTTSCGC---	
E2F1DP2_01	7.3104e-03	GAATGTGGNAAAGCCTTY ---GCGGAAA-----	
E2F4DP2_01	1.5221e-02	GAATGTGGNAAAGCCTTY ---GCGSAAA-----	

ZNF274M3



Motif Name	E-Value	Alignment	Weblogo
TEF1_Q6	3.9713e-03	TCCATTCCATTCCATTCC --CATYYC-----	
HSF_02	2.1646e-02	GGAATGGAATGGAATGGA NGAANNGAANNGAAN---	
HSF_02	3.8808e-02	TCCATTCCATTCCATTCC ---NTTCTNTTCTNTTCT	
CAT8_Q6	1.0045e-01	TCCATTCCATTCCATTCC -----CCATTNNCC--	

TEAD

1.0853e-01

GGAATGGAATGGAATGGA
-CNSWGGGAATGTR-----

