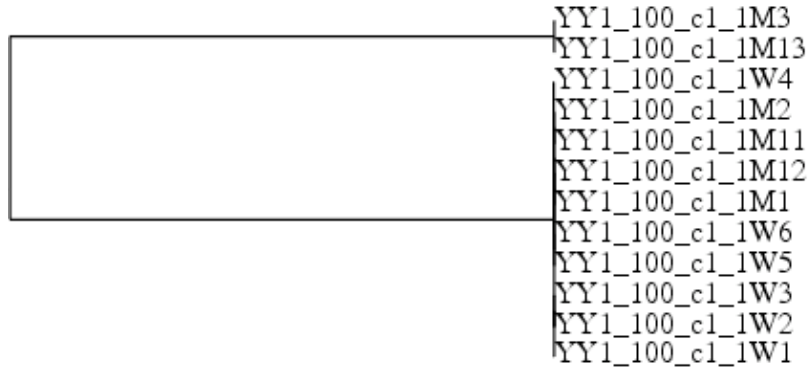


Information from STAMP

The following results were obtained using default options from STAMP



Phylogenetic tree from the obtained motifs







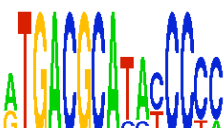
YY1_100_c1_1W1



Motif Name	E-Value	Alignment	Weblogo
T	6.2829e-03	-ACACAC---- TTCACACCTAG	
BRACH_01	8.2553e-03	----ACACAC----- AATTCACACCTAGGTGTSANNNN	
AR_02	9.7520e-03	-----GTGTGT----- NNNNNNNRGNACANNGTGTTCTNNNNNN	

SMAD3_Q6	1.5970e-02	--ACACAC- AGNCAGACA	
Fos	1.6772e-02	--ACACAC TGANTCAC	

YY1_100_c1_1W2	
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Motif Name	E-Value	Alignment	Weblogo
HFH4_01	4.4589e-03	--GTGTGTGT--- NWKTGTTTGTTTA	
HMX1_01	9.1230e-03	ACACACAC--- -CACGCACTTG	
SMAD3_Q6	1.0268e-02	GTGTGTGT-- -TGTCTGNCT	
CF2IL_01	1.4724e-02	-ACACACAC TAYATATAY	
TAXCREB_02	1.5736e-02	---GTGTGTGT--- GGGGRTATGCGTCAY	

YY1_100_c1_1W3

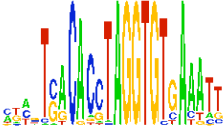
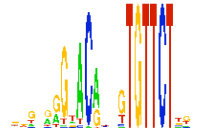




Motif Name	E-Value	Alignment	Weblogo
SMAD3_Q6	3.3188e-03	GTGTGTGTGT -TGTCTGNCT	
HFH4_01	4.9888e-03	--GTGTGTGTGT- NWKGTGTTTGTTTA	
Foxd3	2.4743e-02	--GTGTGTGTGT NAWTGTTTNTTT	
FOXD3_01	2.6125e-02	ACACACACAC-- AAANAAACAWTN	
FOXI1	2.8489e-02	ACACACACAC-- AWAYAAAYANNN	

YY1_100_c1_1W4







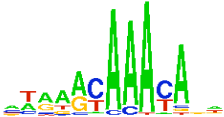
Motif Name	E-Value	Alignment	Weblogo
T	6.3430e-03	--CACACA-- TTCACACCTAG	

BRACH_01	8.3550e-03	----CACACA----- AATTCACACCTAGGTGTSANNNN	
AR_02	9.6743e-03	-----CACACA----- NNNNNNAGAACACNNTGTNCYNNNNNN	
SMAD3_Q6	1.5402e-02	---CACACA AGNCAGACA	
AHR_Q5	1.8630e-02	---CACACA-- NNNCACGCNAN	


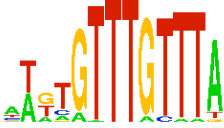
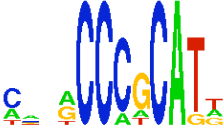

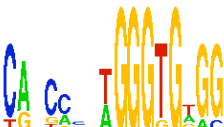
YY1_100_c1_1W5



Motif Name	E-Value	Alignment	Weblogo
SMAD3_Q6	7.4551e-03	-YACACACA AGNCAGACA	
HMX1_01	1.1122e-02	YACACACA-- CACGCACTTG	
GBF_Q6	1.1740e-02	YACACACA- NACCCNAA	
HFH4_01	1.2906e-02	-TGTGTGTR---- NWKTGTTTGTTA	

HNF3_Q6	2.1034e-02	--TGTGTGTR--- NNTRTTTRYNN	
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YY1_100_c1_1W6	
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Motif Name	E-Value	Alignment	Weblogo
SMAD3_Q6	3.5542e-03	CACACACACA -AGNCAGACA	
HFH4_01	4.8930e-03	--CACACACACA- TAAACAAACAMWN	
GCM_Q2	8.3707e-03	--TGTGTGTGTG NATGCGGGYNNK	
GBF_Q6	2.1730e-02	CACACACACA- --NACCCCNAA	
CACCCBINDINGFACTOR_Q6	2.6360e-02	-CACACACACA----- CCNCACCCWNNKGNTG	

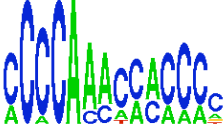
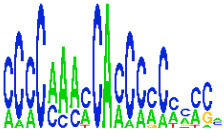
YY1_100_c1_1M1	
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Motif Name	E-Value	Alignment	Weblogo
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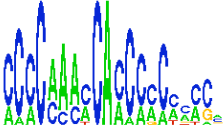
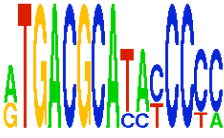


RREB1	2.4556e-02	--TGTGTGTGYRTGTGTG-- NGKKKGKGGGTGKTTTGGGG	
SMAD3_Q6	3.4647e-02	CACACAYRCACACACA -----AGNCAGACA	
GCM_Q2	3.5622e-02	CACACAYRCACACACA ---MNRCCCGCATN	
HFH4_01	3.9742e-02	TGTGTGTGYRTGTGTG ---NWKTGTTTGTTTA	
CF2II_01	4.4220e-02	CACACAYRCACACACA -----TAYATATAY-	



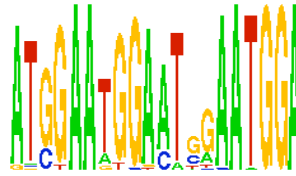
Motif Name	E-Value	Alignment	Weblogo
SMAD3_Q6	3.9132e-02	CACACACACACNCANNACACACA -AGNCAGACA-----	
HFH4_01	6.3742e-02	TGTGTGTGNNTGNGTGTGTGTGTG -NWKTGTTTGTTTA-----	
GBF_Q6	8.6846e-02	CACACACACACNCANNACACACA -----NACCCCNAA-----	

RREB1_01	8.9474e-02	TGTGTGTGNNTGNGTGTGTGTGTG -----GGGGTGGTTTGGGG---	
RREB1	1.0032e-01	TGTGTGTGNNTGNGTGTGTGTGTG ---NGKKKGKGGGTGKTTTGGGG	



Motif Name	E-Value	Alignment	Weblogo
SMAD3_Q6	3.6023e-02	CACACACAYAYACACACACA ---AGNCAGACA-----	
RREB1	6.6813e-02	TGTGTGTGTRTRTGTGTGTG NGKKKGKGGGTGKTTTGGGG	
TAXCREB_02	7.1799e-02	CACACACAYAYACACACACA ---RTGACGCATAYCCCC-	
CF2IL_01	8.3388e-02	CACACACAYAYACACACACA -----TAYATATAY-----	
HFH4_01	8.7092e-02	CACACACAYAYACACACACA- -----TAAACAAACAMWN	

YY1_100_c1_1M13

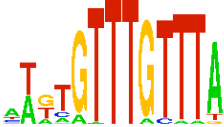





Motif Name	E-Value	Alignment	Weblogo
TEF1_Q6	7.5070e-03	TCCATTCSATTCCATTCCAT --CATYYC-----	
HSF_02	8.5487e-03	TCCATTCSATTCCATTCCAT ---NTTCTNTTCTNTTCT--	
HSF_02	9.4554e-03	TCCATTCSATTCCATTCCAT ---NTTCNNTTCNNTTCN--	
HMG-IY	5.8343e-02	TCCATTCSATTCCATTCCAT- ----RTTTYKNYNTTNTNN	
CAT8_Q6	9.2423e-02	ATGGAATGGAATSGAATGGA -----GGNNAATGG-	


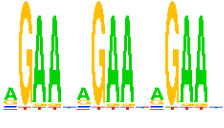
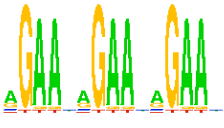

YY1_100_c1_1M2



Motif Name	E-Value	Alignment	Weblogo
RREB1	3.4484e-02	TGTGTGNNRTGTGTGTG-- NGKKKGKGGGTGKTTTGGGG	

HFH4_01	3.5053e-02	CACACACAYNNNCACACA ---TAAACAAACAMWN-	
SMAD3_Q6	3.9447e-02	CACACACAYNNNCACACA -AGNCAGACA-----	
CF2II_01	4.9829e-02	CACACACAYNNNCACACA ---TAYATATAY-----	
GBF_Q6	7.4752e-02	CACACACAYNNNCACACA ---NACCCCNAA-----	



Motif Name	E-Value	Alignment	Weblogo
TEF1_Q6	1.0886e-03	TCCATTCCATTCCATT --CATYYC-----	
HSF_02	4.1120e-02	AATGGAATGGAATGGA-- ---NGAANNGAANNGAAN	
HSF_02	5.1574e-02	TCCATTCCATTCCATT-- ---NTTCTNTTCTNTTCT	
CAT8_Q6	5.4497e-02	AATGGAATGGAATGGA ----GGNNAATGG-	

TEAD

7.1718e-02

AATGGAATGGAATGGA
----CNSWGGAATGTR

