



Motif_name	Cluster 1			Cluster 2			Cluster 28		
	Present (%)	ECR_3kb	Promoter	Present (%)	ECR_3kb	Promoter	Present (%)	ECR_3kb	Promoter
AMEF2	0.61	+	+	ND	-	-	0.59	+	+
HNFA4ALPHA	0.62	+	-	ND	-	-	0.58	+	-
ETS1	0.76	+	-	ND	-	-	0.74	-	-
IRF1	0.85	+	+	ND	-	-	0.82	-	+
LEF1TCF1	0.69	+	-	ND	-	-	0.66	+	-
FOXO4	0.52	+	+	ND	-	-	0.83	+	+
FOXP3	0.66	+	+	ND	-	-	0.65	+	+
GATA3	0.82	+	+	ND	-	-	0.83	+	+
HFH8	0.57	+	+	0.59	-	-	0.56	+	+
FOXO1	0.79	+	+	ND	-	-	0.84	+	+
E2	0.33	+	-	ND	-	-	0.36	+	+
NFE2	0.56	+	-	ND	-	-	0.52	+	-
ERR1	0.59	+	-	ND	-	-	0.59	+	-
HEB	0.55	+	-	ND	-	-	0.62	+	-
MEIS1	ND	-	-	ND	-	-	0.65	+	-
TFIIA	0.53	+	-	ND	-	-	0.5	+	+
NFKAPPAB	0.45	+	-	ND	-	-	0.4	-	-
NKX62	0.62	-	+	ND	-	-	0.53	-	+
POU6F1	0.46	+	+	ND	-	-	0.4	+	+
CEBP	0.90	+	+	0.88	-	+	0.89	+	+
FREAC2	0.54	+	+	0.57	-	-	0.48	+	+
HNFB3B	0.70	-	+	0.59	-	+	0.73	-	+
SREBF	0.57	-	-	0.68	-	-	0.59	-	-
LMO2COM	0.80	+	-	0.86	+	-	0.81	+	-
SREBP1	0.72	-	+	0.80	-	+	0.75	+	+
AML	ND	-	-	ND	-	-	0.55	+	-
ATF4	ND	-	-	ND	-	-	0.46	+	-
NMYC	ND	-	-	ND	-	-	0.36	+	-
P53	ND	-	-	ND	-	-	0.64	-	-
FOXO3	ND	-	-	ND	-	-	0.52	+	+
POU1F1	ND	-	-	ND	-	-	0.55	+	+
OSF2	ND	-	-	ND	-	-	0.61	+	-
RORA	ND	-	-	ND	-	-	0.54	+	-
HFH1	ND	-	-	ND	-	-	0.64	+	+
IRF	ND	-	-	ND	-	-	0.82	-	+
NFAT	ND	-	-	ND	-	-	0.9	-	+
STAT6	ND	-	-	ND	-	-	0.87	-	+
ATF3	ND	-	-	0.41	+	-	0.45	+	-
LXR	ND	-	-	0.29	-	-	0.43	+	+
CEBPA	ND	-	-	0.57	-	+	0.59	-	+
ETS	ND	-	-	0.89	-	-	0.86	-	-
PEBP	ND	-	-	0.55	-	-	0.59	-	-
GATA6	ND	-	-	0.54	-	+	0.38	-	+
HES1	ND	-	-	0.66	+	+	0.49	+	-
MYC	ND	-	-	0.30	+	-	0.32	+	-
ATF1	0.38	+	-	ND	-	-	ND	-	-
GRE	0.54	+	-	ND	-	-	ND	-	-
LBP1	0.59	+	-	ND	-	-	ND	-	-
LHX3	0.41	+	+	ND	-	-	ND	-	-
NRF2	0.85	+	+	ND	-	-	ND	-	-
OCT	0.88	+	+	ND	-	-	ND	-	-
CIZ	0.72	+	+	ND	-	-	ND	-	-
ETS2	0.71	+	-	ND	-	-	ND	-	-
SOX5	0.49	+	+	ND	-	-	ND	-	-
TEF	0.62	+	+	ND	-	-	ND	-	-
BARBIE	0.76	+	+	0.80	-	+	ND	-	-
HNFB	0.90	-	+	0.91	-	+	ND	-	-
HNFB3ALPHA	0.78	-	+	0.73	-	+	ND	-	-
TITF1	0.63	+	-	0.77	-	+	ND	-	-
TCF4	0.63	+	+	0.77	-	+	ND	-	-
SOX9	0.57	+	+	0.64	-	+	ND	-	-
E2F	ND	-	-	0.68	+	+	ND	-	-
UF1H3BETA	ND	-	-	0.73	+	+	ND	-	-
GATA1	ND	-	-	0.93	+	+	ND	-	-
HNFB1	ND	-	-	0.89	+	+	ND	-	-
KROX	ND	-	-	0.84	+	+	ND	-	-
EGR	ND	-	-	0.84	+	+	ND	-	-
GC	ND	-	-	0.91	+	+	ND	-	-

-2.5 2.5

Nr_C1
Nr_C2
Nr_C3