

TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN560.H12CORE.0.P.C				
	f/28352	1.52e-30	+	
	f/21699	1.45e-29	+	
SP2.H12CORE.1.P.B	f/7612	9.22e-29	-	
	f/25023	1.54e-16	+	
	f/10415	1.65e-15	+	
VEZF1.H12CORE.1.P.B	f/25659	1.78e-13	-	
	f/23074	1.93e-16	-	
	f/19266	1.23e-15	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
SP1.H12CORE.2.P.B	f/21902	1.57e-15	+	
	f/24390	4.89e-16	+	
	f/10415	1.87e-14	+	
SP3.H12CORE.0.P.B	f/11001	1.13e-13	-	
	f/11001	2.41e-15	-	
	f/20815	2.65e-15	-	
KLF16.H12CORE.1.P.B	f/8380	3.17e-13	-	
	f/22613	8.21e-15	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/10415	1.87e-14	+	
	f/7953	1.89e-14	+	
KLF9.H12CORE.1.P.B	f/10415	7.53e-14	+	
	f/7953	5.19e-13	+	
	f/11001	6.38e-13	-	
ZN281.H12CORE.1.SM.B	f/19266	1.24e-13	+	
	f/7140	5.70e-13	+	
	f/21054	1.42e-12	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
KMT2A.H12CORE.0.P.B				
	f/24280	2.59e-13	+	
KMT2A.H12CORE.0.P.B	f/22851	6.78e-13	-	
	f/11866	8.85e-13	-	
KLF8.H12CORE.1.P.C				
	f/7953	2.61e-13	+	
KLF8.H12CORE.1.P.C	f/10415	1.11e-11	+	
	f/1205	1.00e-10	+	
PATZ1.H12CORE.0.P.B				
	f/7953	2.87e-13	+	
PATZ1.H12CORE.0.P.B	f/1205	9.76e-11	+	

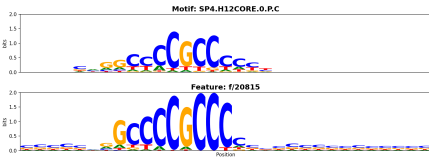
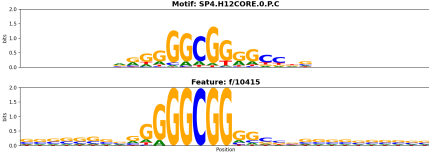
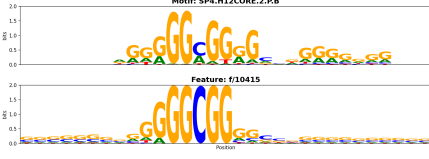
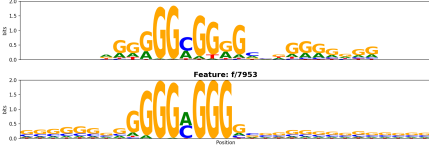
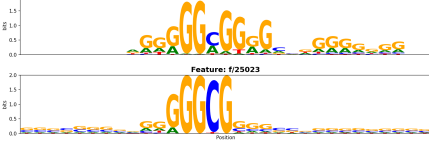
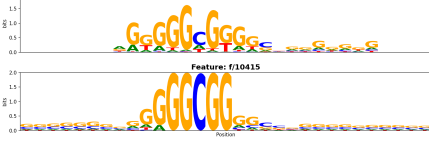
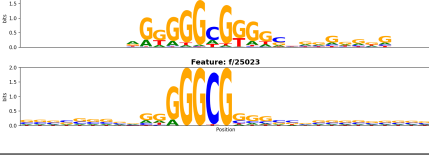
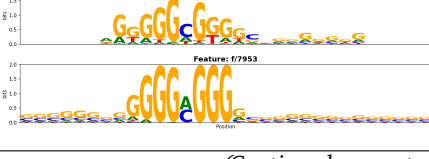
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
MAZ.H12CORE.1.P.B	f/29286	1.35e-10	+	
	f/7953	5.19e-13	+	
	f/19266	1.49e-10	+	
KLF12.H12CORE.0.P.C	f/10415	2.47e-10	+	
	f/11001	6.38e-13	-	
	f/20815	1.36e-10	-	
SP4.H12CORE.0.P.C	f/10415	1.85e-10	+	
	f/24390	7.68e-12	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/20815	1.04e-09	-	
	f/10415	1.20e-09	+	
SP4.H12CORE.2.P.B	f/10415	9.28e-12	+	
	f/7953	4.67e-11	+	
	f/25023	8.41e-10	+	
KLF13.H12CORE.1.P.C	f/10415	1.11e-11	+	
	f/25023	1.28e-11	+	
	f/7953	9.81e-11	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
KLF11.H12CORE.0.P.B				
	f/8380	1.41e-11	-	
KLF14.H12CORE.1.P.C				
	f/25023	1.43e-11	+	
ZN740.H12CORE.1.S.C				
	f/27426	2.12e-10	+	
	f/17584	1.24e-09	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
SP1.H12CORE.0.P.B	f/8810	2.76e-08	+	
	f/20815	4.55e-10	-	
	f/11001	1.38e-09	-	
SP5.H12CORE.1.P.B	f/24390	4.42e-09	+	
	f/29286	4.59e-10	+	
	f/19266	5.22e-10	+	
KLF6.H12CORE.0.P.B	f/18608	7.78e-10	+	
	f/20815	2.26e-09	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/25023	9.52e-09	+	
	f/11001	9.73e-09	-	
KLF10.H12CORE.0.P.C	f/20815	2.36e-09	-	
	f/24390	8.18e-09	+	
	f/8380	8.94e-09	-	
KLF8.H12CORE.0.P.C	f/20815	3.63e-09	-	
	f/8380	2.76e-08	-	
	f/11001	4.25e-08	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZBT17.H12CORE.0.P.B				
	f/32623	5.01e-09	+	
	f/7953	1.50e-08	+	
WT1.H12CORE.1.P.B				
	f/8851	1.29e-07	+	
	f/19266	5.32e-09	+	
KLF15.H12CORE.1.P.C				
	f/7953	9.51e-09	+	
	f/32623	1.43e-08	+	
KLF15.H12CORE.1.P.C				
	f/7953	6.61e-09	+	
	f/29286	4.39e-08	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN263.H12CORE.1.P.B	f/10378	6.55e-08	-	
	f/1573	1.98e-08	+	
	f/25250	3.01e-08	-	
NFYA.H12CORE.0.P.B	f/31264	3.38e-08	-	
	f/19390	2.50e-08	+	
	f/8005	1.20e-07	+	
NFYB.H12CORE.0.P.B	f/26128	2.18e-07	-	
	f/19390	3.63e-08	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/26128	2.41e-07	-	
	f/8005	2.91e-07	+	
KLF3.H12CORE.0.PS.A	f/20815	5.39e-08	-	
	f/10443	1.82e-07	+	
	f/11001	4.58e-07	-	
ZN519.H12CORE.0.P.C	f/24280	5.70e-08	+	
	f/32687	6.14e-08	-	
	f/13319	6.77e-08	+	

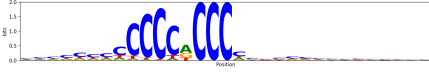
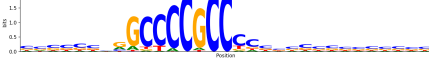
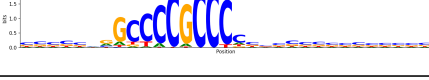
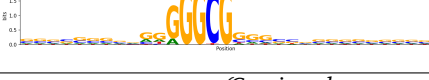
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
SALL1.H12CORE.0.P.C				
	f/22774	6.09e-08	-	
	f/10431	3.36e-07	+	
SP5.H12CORE.0.P.B				
	f/20815	1.61e-07	-	
	f/11001	3.30e-07	-	
VEZF1.H12CORE.0.P.C				
	f/10443	4.75e-06	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				 
	f/22774	2.38e-05	-	
PATZ1.H12CORE.1.P.C				 
	f/7953	1.11e-07	+	
				 
	f/25096	1.74e-05	+	
				 
	f/22774	5.69e-05	-	
SP2.H12CORE.0.P.D				 
	f/10415	1.13e-07	+	
				 
	f/11001	2.52e-07	-	
				 
	f/20815	4.26e-07	-	
KLF7.H12CORE.0.P.B				 
	f/25023	2.92e-07	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/10415	1.63e-06	+	
	f/20815	1.05e-05	-	
MAZ.H12CORE.0.P.B	f/7953	9.81e-07	+	
	f/19266	4.40e-06	+	
	f/25096	1.74e-05	+	
KLF1.H12CORE.0.P.B	f/20815	1.25e-06	-	
	f/11001	5.70e-06	-	
	f/8380	8.91e-06	-	

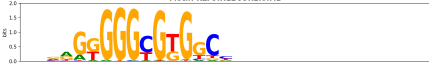
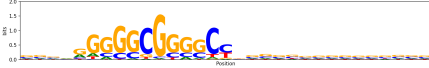
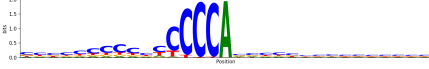
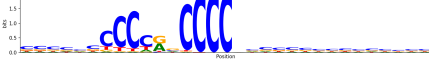
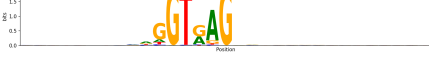
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
KLF15.H12CORE.0.S.B				
	f/25023	1.85e-06	+	
KMT2B.H12CORE.0.P.B	f/20815	1.86e-05	-	
	f/8380	2.46e-05	-	
KMT2B.H12CORE.0.P.B				
	f/11866	4.23e-06	+	
KLF9.H12CORE.0.P.B	f/13319	9.60e-06	-	
	f/22851	1.74e-05	+	
KLF9.H12CORE.0.P.B				
	f/20815	4.58e-06	-	
	f/8380	9.95e-06	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				 
	f/24390	1.21e-05	+	
ZN749.H12CORE.0.P.C				 
	f/17194	4.69e-06	+	
				 
	f/27022	4.79e-06	+	
				 
	f/201	8.26e-06	+	
ZN616.H12CORE.0.P.C				 
	f/24550	5.25e-06	+	
				 
	f/7532	9.98e-06	+	
				 
	f/4084	2.16e-05	+	
ZN180.H12CORE.0.P.C				 
	f/10443	5.41e-06	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/10241	1.05e-05	+	
	f/22613	1.22e-05	+	
SP1.H12CORE.1.SM.B	f/20815	6.47e-06	-	
	f/25023	1.81e-05	+	
	f/8380	1.86e-05	-	
CTCF.L.H12CORE.0.P.B	f/17091	1.06e-05	+	
	f/25023	3.44e-03	+	
	f/12968	1.26e-02	+	Feature: f/12968 vs Motif: CTCF.L.H12CORE.0.P.B (Rank 3) No significant hit (q = 1.26e-02 ≥ 0.01)

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN543.H12CORE.0.P.C				
	f/22613	1.12e-05	-	
	f/15757	1.48e-05	-	
	f/25096	1.62e-05	-	
ZN383.H12CORE.0.P.C				
	f/23074	1.27e-05	-	
	f/21902	1.90e-05	+	
	f/28708	1.98e-05	-	
SP3.H12CORE.1.S.B				
	f/25023	1.56e-05	+	
	f/658	2.42e-04	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/10415	3.65e-04	+	
ZN205.H12CORE.0.P.C				
	f/2203	1.75e-05	-	
	f/14159	3.07e-05	+	
ELF2.H12CORE.0.PS.A				
	f/17281	5.02e-05	+	
	f/18010	2.13e-05	-	
ELF2.H12CORE.0.PS.A				
	f/10314	5.26e-05	-	
	f/20921	1.27e-04	+	
KLF11.H12CORE.1.SM.B				
	f/25023	3.20e-05	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/10378	6.33e-05	-	Motif: KLF11.H12CORE.1.SM.B Feature: f/10378
	f/10415	6.72e-05	+	Motif: KLF11.H12CORE.1.SM.B Feature: f/10415
ZN267.H12CORE.0.P.C	f/19497	3.49e-05	+	Motif: ZN267.H12CORE.0.P.C Feature: f/19497
	f/26687	3.54e-05	-	Motif: ZN267.H12CORE.0.P.C Feature: f/26687
	f/20620	4.68e-05	-	Motif: ZN267.H12CORE.0.P.C Feature: f/20620
ZN557.H12CORE.0.P.C	f/21037	4.83e-05	+	Motif: ZN557.H12CORE.0.P.C Feature: f/21037
	f/18212	5.30e-05	+	Motif: ZN557.H12CORE.0.P.C Feature: f/18212
	f/1319	1.12e-04	-	Motif: ZN557.H12CORE.0.P.C Feature: f/1319

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN711.H12CORE.0.P.C				
	f/30354	5.27e-05	-	
ATF1.H12CORE.1.P.B	f/25294	1.76e-03	-	
	f/14843	1.81e-03	-	
ATF1.H12CORE.1.P.B				
	f/29226	6.50e-05	-	
ETV7.H12CORE.0.SM.B	f/23071	1.22e-04	+	
	f/16121	4.96e-03	-	
ETV7.H12CORE.0.SM.B				
	f/18010	6.72e-05	-	
ETV7.H12CORE.0.SM.B	f/20921	1.52e-04	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/10314	1.92e-04	-	
ZNF28.H12CORE.0.P.C				
	f/26873	7.93e-05	+	
	f/24237	1.25e-04	+	
KLF14.H12CORE.0.PSM.A				
	f/25023	8.54e-05	+	
	f/20815	6.74e-04	-	
MYCN.H12CORE.0.PS.A				
	f/19442	7.62e-04	+	
	f/19497	9.53e-05	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/30134	4.28e-03	+	
	f/23979	2.25e-02	+	Feature: f/23979 vs Motif: MYCN.H12CORE.0.PS.A (Rank 3) No significant hit ($q = 2.25e-02 \geq 0.01$)
ZN460.H12CORE.0.S.C	f/18173	1.14e-04	+	
	f/29950	1.22e-04	-	
	f/29331	2.03e-04	+	
ZNF76.H12CORE.0.P.B	f/19293	1.29e-04	+	
	f/18880	1.70e-04	+	
	f/7584	6.41e-04	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
GLIS3.H12CORE.1.S.C				
	f/29950	1.38e-04	-	
TFDP1.H12CORE.0.P.B	f/18173	2.27e-04	+	
	f/14799	3.07e-04	-	
TFDP1.H12CORE.0.P.B				
	f/13237	1.56e-04	+	
ZN189.H12CORE.1.P.B	f/1205	2.72e-04	+	
	f/23885	6.51e-04	-	
ZN189.H12CORE.1.P.B				
	f/9867	1.89e-04	-	
ZN189.H12CORE.1.P.B	f/28755	2.70e-04	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
KLF13.H12CORE.0.PSM.A	f/6561	3.40e-04	-	
	f/20815	1.93e-04	-	
	f/8380	2.00e-04	-	
ZN100.H12CORE.1.P.B	f/25023	3.00e-04	+	
	f/5164	2.10e-04	+	
	f/2790	2.85e-04	-	
ZN341.H12CORE.1.P.B	f/29707	3.38e-04	+	
	f/22351	2.29e-04	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/11528	2.56e-04	-	
	f/19299	2.76e-04	+	
ZN320.H12CORE.0.P.B	f/29565	2.49e-04	+	
	f/12375	1.39e-03	+	
	f/14190	1.64e-03	-	
E2F1.H12CORE.0.P.B	f/13237	2.54e-04	+	
	f/23885	9.42e-04	-	
	f/1205	1.14e-03	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
KLF16.H12CORE.0.SM.B				
	f/25023	2.58e-04	+	
	f/8380	2.37e-03	-	
THAP1.H12CORE.0.P.B				
	f/24154	2.59e-04	+	
	f/4290	4.63e-04	+	
KLF5.H12CORE.0.PM.A				
	f/20815	2.63e-04	-	
	f/10443	4.77e-04	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
Z780A.H12CORE.0.P.C	f/11001	6.45e-04	-	
	f/806	3.35e-04	+	
	f/22285	5.76e-04	+	
ZN449.H12CORE.1.S.C	f/27719	1.30e-03	-	
	f/10431	3.54e-04	+	
	f/3527	3.64e-04	-	
HES1.H12CORE.0.S.C	f/27198	4.18e-04	-	
	f/19497	3.77e-04	+	

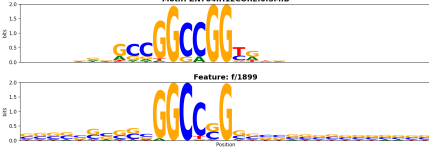
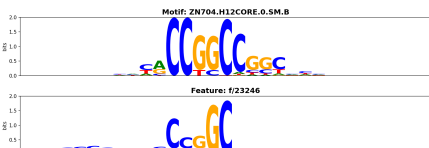
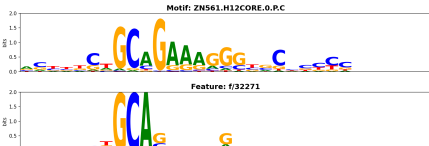
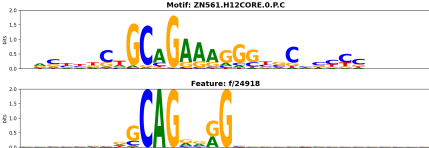
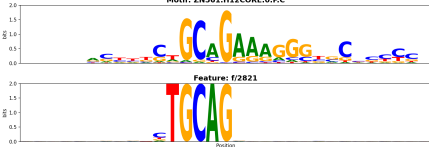
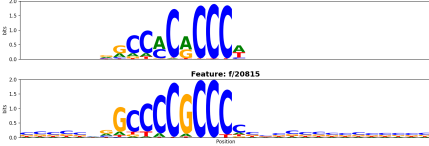
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/30134	2.31e-03	+	
	f/23979	2.85e-02	+	Feature: f/23979 vs Motif: HES1.H12CORE.0.S.C (Rank 3) No significant hit ($q = 2.85e-02 \geq 0.01$)
ZN610.H12CORE.1.P.C	f/25096	3.88e-04	-	
	f/25014	7.43e-04	-	
	f/20858	1.30e-03	-	
SP4.H12CORE.1.S.B	f/25023	4.07e-04	+	
	f/20815	1.50e-03	-	
	f/8380	2.29e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN704.H12CORE.0.SM.B				
	f/1899	4.18e-04	+	
				
ZN561.H12CORE.0.P.C	f/32438	6.08e-04	-	
				
	f/23246	2.53e-03	-	
ZN561.H12CORE.0.P.C				
	f/32271	4.32e-04	+	
				
KLF4.H12CORE.0.PSM.A	f/24918	4.40e-04	+	
				
	f/2821	5.29e-04	+	
KLF4.H12CORE.0.PSM.A				
	f/20815	4.58e-04	-	
				
KLF4.H12CORE.0.PSM.A	f/10443	8.49e-04	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
E2F4.H12CORE.1.P.B	f/11001	1.67e-03	-	
	f/13237	4.64e-04	+	
	f/23885	1.60e-03	-	
ZN611.H12CORE.0.P.C	f/1205	2.11e-03	+	
	f/27275	5.38e-04	+	
	f/20858	1.30e-03	+	
KLF3.H12CORE.1.M.C	f/19501	3.51e-03	+	
	f/20815	5.79e-04	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/25023	7.77e-04	+	
	f/6396	9.23e-04	-	
KLF6.H12CORE.1.SM.B	f/25023	7.42e-04	+	
	f/20815	1.43e-03	-	
	f/658	2.29e-03	+	
GLI4.H12CORE.0.P.C	f/8618	7.47e-04	+	
	f/18331	9.62e-04	-	
	f/8337	1.39e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
KLF10.H12CORE.1.PSM.A				
	f/1084	9.78e-04	-	
	f/8380	1.55e-03	-	
	f/7953	2.12e-03	+	
ZIC4.H12CORE.0.SM.B	f/12968	9.89e-04	+	
	f/18193	4.55e-03	-	
	f/30834	5.08e-03	+	
ZN407.H12CORE.0.P.B	f/9841	9.96e-04	-	
	f/22613	1.08e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/28853	1.32e-03	-	
GMEB2.H12CORE.0.P.C	f/30323	1.00e-03	-	
	f/1314	1.31e-03	+	
	f/9773	2.77e-03	+	
KLF2.H12CORE.0.S.C	f/25023	1.12e-03	+	
	f/20815	2.15e-03	-	
	f/8380	4.68e-03	-	
KLF12.H12CORE.1.PSM.A	f/20815	1.19e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/8380	2.57e-03	-	
	f/11001	3.19e-03	-	
TAF1.H12CORE.0.P.B	f/26729	1.19e-03	-	
	f/11733	3.44e-03	+	
	f/4290	4.79e-03	-	
SRBP2.H12CORE.1.P.B	f/5469	1.23e-03	+	
	f/31441	1.85e-03	-	
	f/6599	2.66e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
GMEB1.H12CORE.1.P.C				
	f/1314	1.31e-03	+	
	f/30323	1.39e-03	-	
NPAS2.H12CORE.1.M.C				
	f/23979	1.33e-03	+	
	f/18093	1.11e-02	-	Feature: f/18093 vs Motif: NPAS2.H12CORE.1.M.C (Rank 2) No significant hit ($q = 1.11e-02 \geq 0.01$)
ZBT14.H12CORE.0.P.C				
	f/15728	1.44e-03	+	
	f/8159	1.98e-03	-	

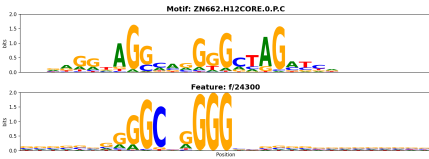
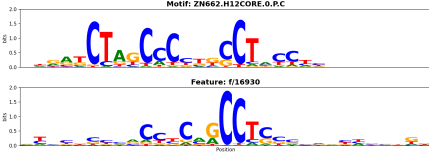
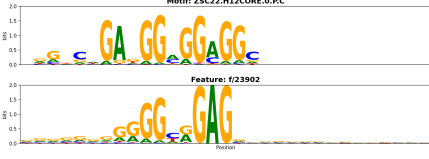
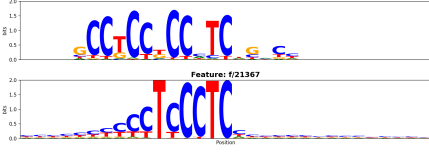
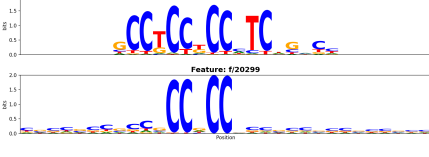
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/15895	5.87e-03	+	
E2F3.H12CORE.0.P.B				
	f/13237	1.56e-03	+	
	f/23885	3.37e-03	-	
E2F4.H12CORE.0.P.B				
	f/13237	1.56e-03	+	
	f/14600	2.07e-03	-	
E2F4.H12CORE.0.P.B				
	f/23885	4.08e-03	-	
ZN662.H12CORE.0.P.C				
	f/25760	1.68e-03	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/24300	3.14e-03	-	
	f/16930	3.27e-03	+	
ZSC22.H12CORE.0.P.C	f/23902	1.77e-03	+	
	f/21367	2.01e-03	-	
	f/20299	2.25e-03	-	
ZBT14.H12CORE.1.S.B	f/8159	1.77e-03	-	
	f/11583	1.54e-01	-	Feature: f/11583 vs Motif: ZBT14.H12CORE.1.S.B (Rank 2) No significant hit (q = 1.54e-01 ≥ 0.01)
	f/15895	1.60e-01	-	Feature: f/15895 vs Motif: ZBT14.H12CORE.1.S.B (Rank 3) No significant hit (q = 1.60e-01 ≥ 0.01)

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZNF8.H12CORE.0.P.C				
	f/5772	1.89e-03	-	
ZNF8.H12CORE.0.P.C	f/27033	3.36e-03	+	
	f/26321	4.85e-03	+	
ZN563.H12CORE.1.P.C				
	f/30261	2.20e-03	-	
ZN563.H12CORE.1.P.C	f/25365	2.84e-03	-	
	f/2892	5.18e-03	+	
NR1H4.H12CORE.0.P.B				
	f/22659	2.32e-03	+	
NR1H4.H12CORE.0.P.B	f/25767	6.87e-03	+	

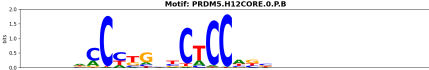
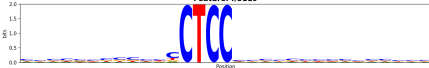
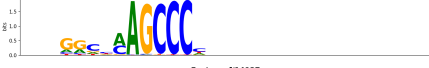
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
NR1H4.H12CORE.0.P.B				
	f/9530	7.76e-03	+	
ZN282.H12CORE.0.P.B				
	f/21054	2.44e-03	+	
ZN282.H12CORE.0.P.B				
	f/18880	3.05e-03	+	
ZN282.H12CORE.0.P.B				
	f/7953	4.43e-03	+	
ZN534.H12CORE.0.P.C				
	f/7631	2.47e-03	-	
ZN534.H12CORE.0.P.C				
	f/32618	3.40e-03	-	
ZN534.H12CORE.0.P.C				
	f/8337	4.84e-03	-	
MYB.H12CORE.0.P.B				
	f/32416	2.54e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/15827 vs Motif: MYB.H12CORE.0.P.B (Rank 2) No significant hit (q = 6.07e-02 $\geq$ 0.01)
	f/15827	6.07e-02	-	
				Feature: f/22458 vs Motif: MYB.H12CORE.0.P.B (Rank 3) No significant hit (q = 6.41e-02 $\geq$ 0.01)
	f/22458	6.41e-02	+	
PRDM5.H12CORE.0.P.B				Motif: PRDM5.H12CORE.0.P.B 
	f/24864	2.57e-03	+	Feature: f/24864 
	f/11916	2.84e-03	-	Motif: PRDM5.H12CORE.0.P.B  Feature: f/11916 
				Motif: PRDM5.H12CORE.0.P.B 
	f/3119	3.34e-03	+	Feature: f/3119 
ZN682.H12CORE.1.P.B				Motif: ZN682.H12CORE.1.P.B 
	f/27024	2.73e-03	-	Feature: f/27024 
				Motif: ZN682.H12CORE.1.P.B 
	f/13954	3.57e-03	+	Feature: f/13954 
				Motif: ZN682.H12CORE.1.P.B 
	f/14937	9.58e-03	+	Feature: f/14937 

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
EGR4.H12CORE.0.S.B				
	f/25023	3.09e-03	+	
	f/658	1.15e-02	+	Feature: f/658 vs Motif: EGR4.H12CORE.0.S.B (Rank 2) No significant hit ($q = 1.15e-02 \geq 0.01$)
SP9.H12CORE.1.S.C				
	f/25023	3.09e-03	+	
	f/20815	4.30e-03	-	
ZN548.H12CORE.0.P.B				
	f/2	3.09e-03	-	
	f/18787	4.02e-03	-	

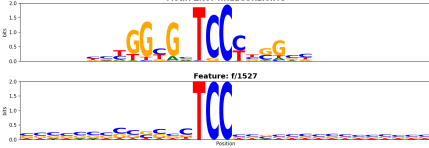
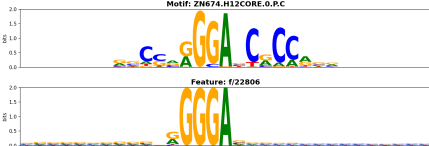
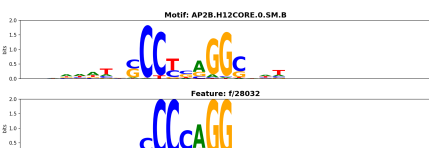
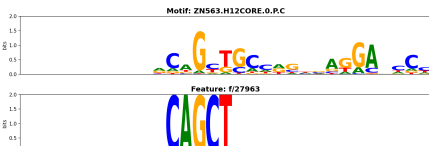
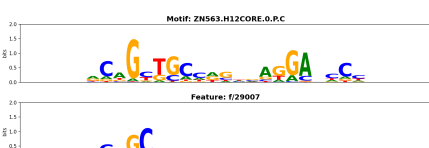
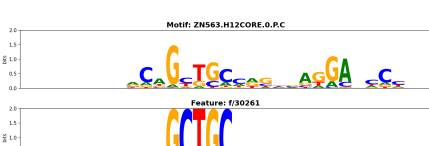
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
NRF1.H12CORE.0.PS.A	f/24912	4.78e-03	-	
	f/27454	3.15e-03	-	
	f/15895	5.87e-03	-	
	f/25149	9.19e-03	+	
ZN429.H12CORE.0.P.C	f/7088	3.47e-03	-	
	f/1001	4.66e-03	-	
	f/21451	5.43e-03	-	
ZN674.H12CORE.0.P.C	f/492	3.56e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/1527	4.27e-03	+	
	f/22806	8.09e-03	-	
AP2B.H12CORE.0.SM.B	f/16240	3.69e-03	-	
	f/27231	4.00e-03	+	
	f/28032	5.54e-03	-	
ZN563.H12CORE.0.P.C	f/27963	3.70e-03	-	
	f/29007	5.33e-03	-	
	f/30261	6.36e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
GLIS1.H12CORE.0.P.B	f/2084	4.24e-03	+	
	f/26574	4.78e-03	+	
	f/12968	6.07e-03	+	
ZN707.H12CORE.0.P.B	f/27198	4.34e-03	+	
	f/24535	4.40e-03	+	
	f/31441	9.57e-03	+	
ZBED5.H12CORE.0.P.C	f/31899	4.65e-03	+	
	f/27666	5.18e-03	+	

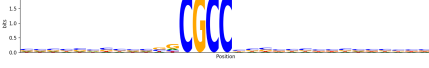
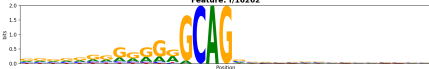
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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/13646	8.13e-03	-	
EGR3.H12CORE.0.PSM.A	f/25023	4.77e-03	+	
	f/9585	1.33e-02	-	Feature: f/9585 vs Motif: EGR3.H12CORE.0.PSM.A (Rank 2) No significant hit ($q = 1.33e-02 \geq 0.01$)
	f/10415	1.34e-02	+	Feature: f/10415 vs Motif: EGR3.H12CORE.0.PSM.A (Rank 3) No significant hit ($q = 1.34e-02 \geq 0.01$)
SP8.H12CORE.0.SM.B	f/25023	4.77e-03	+	
	f/20815	8.74e-03	-	
	f/8380	1.59e-02	-	Feature: f/8380 vs Motif: SP8.H12CORE.0.SM.B (Rank 3) No significant hit ($q = 1.59e-02 \geq 0.01$)
ZN423.H12CORE.0.P.C				
	f/5712	5.16e-03	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/28032	5.54e-03	-	 
	f/428	7.71e-03	-	 
ZN454.H12CORE.1.SM.B	f/2270	5.48e-03	-	 
	f/7326	8.21e-03	+	 
	f/13592	1.22e-02	-	Feature: f/13592 vs Motif: ZN454.H12CORE.1.SM.B (Rank 3) No significant hit (q = 1.22e-02 ≥ 0.01)
ZN165.H12CORE.0.P.C	f/16262	5.58e-03	-	 
	f/27328	1.17e-02	-	Feature: f/27328 vs Motif: ZN165.H12CORE.0.P.C (Rank 2) No significant hit (q = 1.17e-02 ≥ 0.01)
	f/806	1.33e-02	-	Feature: f/806 vs Motif: ZN165.H12CORE.0.P.C (Rank 3) No significant hit (q = 1.33e-02 ≥ 0.01)

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
E2F6.H12CORE.0.P.B				
	f/1205	6.67e-03	+	
	f/23885	1.07e-02	-	Feature: f/23885 vs Motif: E2F6.H12CORE.0.P.B (Rank 2) No significant hit ($q = 1.07e-02 \geq 0.01$)
ZN610.H12CORE.0.P.B	f/4180	1.31e-02	+	Feature: f/4180 vs Motif: E2F6.H12CORE.0.P.B (Rank 3) No significant hit ($q = 1.31e-02 \geq 0.01$)
	f/25096	6.94e-03	-	
ZN566.H12CORE.0.P.C	f/20858	1.01e-02	-	Feature: f/20858 vs Motif: ZN610.H12CORE.0.P.B (Rank 2) No significant hit ($q = 1.01e-02 \geq 0.01$)
	f/28623	7.11e-03	+	
ZN566.H12CORE.0.P.C	f/16618	8.39e-03	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
	f/7940	8.55e-03	+	Motif: ZN566.H12CORE.0.P.C Feature: f/7940
PRD15.H12CORE.0.P.B	f/29194	8.13e-03	+	Motif: PRD15.H12CORE.0.P.B Feature: f/29194
	f/6792	2.61e-02	-	Feature: f/6792 vs Motif: PRD15.H12CORE.0.P.B (Rank 2) No significant hit (q = 2.61e-02 ≥ 0.01)
	f/18881	3.29e-02	+	Feature: f/18881 vs Motif: PRD15.H12CORE.0.P.B (Rank 3) No significant hit (q = 3.29e-02 ≥ 0.01)
ZN213.H12CORE.0.P.C	f/29707	9.38e-03	+	Motif: ZN213.H12CORE.0.P.C Feature: f/29707

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/22522 vs Motif: ZN322.H12CORE.0.P.C (Rank 2)
				No significant hit (q = 1.11e-02 $\geq$ 0.01)
	f/22522	1.11e-02	-	
				Feature: f/2344 vs Motif: ZN322.H12CORE.0.P.C (Rank 3)
				No significant hit (q = 1.37e-02 $\geq$ 0.01)
	f/2344	1.37e-02	-	
ZN530.H12CORE.0.P.B				Feature: f/7953 vs Motif: ZN530.H12CORE.0.P.B (Rank 1)
				No significant hit (q = 1.05e-02 $\geq$ 0.01)
	f/7953	1.05e-02	-	
				Feature: f/25760 vs Motif: ZN530.H12CORE.0.P.B (Rank 2)
				No significant hit (q = 1.19e-02 $\geq$ 0.01)
	f/25760	1.19e-02	+	
				Feature: f/24300 vs Motif: ZN530.H12CORE.0.P.B (Rank 3)
				No significant hit (q = 1.42e-02 $\geq$ 0.01)
	f/24300	1.42e-02	-	
E2F7.H12CORE.1.P.B				Feature: f/23885 vs Motif: E2F7.H12CORE.1.P.B (Rank 1)
				No significant hit (q = 1.07e-02 $\geq$ 0.01)
	f/23885	1.07e-02	-	
				Feature: f/13237 vs Motif: E2F7.H12CORE.1.P.B (Rank 2)
				No significant hit (q = 1.41e-02 $\geq$ 0.01)
	f/13237	1.41e-02	+	
				Feature: f/4180 vs Motif: E2F7.H12CORE.1.P.B (Rank 3)
				No significant hit (q = 2.08e-02 $\geq$ 0.01)
	f/4180	2.08e-02	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN692.H12CORE.0.P.C				Feature: f/25111 vs Motif: ZN692.H12CORE.0.P.C (Rank 1) No significant hit (q = 1.08e-02 $\geq$ 0.01)
	f/25111	1.08e-02	+	
				Feature: f/12585 vs Motif: ZN692.H12CORE.0.P.C (Rank 2) No significant hit (q = 4.76e-02 $\geq$ 0.01)
ZN33B.H12CORE.0.P.C	f/12585	4.76e-02	-	
				Feature: f/7455 vs Motif: ZN692.H12CORE.0.P.C (Rank 3) No significant hit (q = 4.87e-02 $\geq$ 0.01)
	f/7455	4.87e-02	-	
ZN33B.H12CORE.0.P.C				Feature: f/18677 vs Motif: ZN33B.H12CORE.0.P.C (Rank 1) No significant hit (q = 1.14e-02 $\geq$ 0.01)
	f/18677	1.14e-02	+	
				Feature: f/32557 vs Motif: ZN33B.H12CORE.0.P.C (Rank 2) No significant hit (q = 1.63e-02 $\geq$ 0.01)
ZN283.H12CORE.0.P.C	f/32557	1.63e-02	+	
				Feature: f/5461 vs Motif: ZN33B.H12CORE.0.P.C (Rank 3) No significant hit (q = 1.78e-02 $\geq$ 0.01)
	f/5461	1.78e-02	+	
ZN283.H12CORE.0.P.C				Feature: f/16580 vs Motif: ZN283.H12CORE.0.P.C (Rank 1) No significant hit (q = 1.22e-02 $\geq$ 0.01)
	f/16580	1.22e-02	+	
				Feature: f/20062 vs Motif: ZN283.H12CORE.0.P.C (Rank 2) No significant hit (q = 1.32e-02 $\geq$ 0.01)
ZN283.H12CORE.0.P.C	f/20062	1.32e-02	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
E2F2.H12CORE.0.S.B				Feature: f/8875 vs Motif: ZN283.H12CORE.0.P.C (Rank 3) No significant hit (q = 1.98e-02 $\geq$ 0.01)
	f/8875	1.98e-02	-	
				Feature: f/13592 vs Motif: E2F2.H12CORE.0.S.B (Rank 1) No significant hit (q = 1.22e-02 $\geq$ 0.01)
E2F2.H12CORE.0.S.B	f/13592	1.22e-02	-	
				Feature: f/2270 vs Motif: E2F2.H12CORE.0.S.B (Rank 2) No significant hit (q = 1.62e-02 $\geq$ 0.01)
	f/2270	1.62e-02	-	
E2F2.H12CORE.0.S.B				Feature: f/26729 vs Motif: E2F2.H12CORE.0.S.B (Rank 3) No significant hit (q = 1.67e-02 $\geq$ 0.01)
	f/26729	1.67e-02	-	
				Feature: f/12968 vs Motif: ZIC3.H12CORE.1.S.B (Rank 1) No significant hit (q = 1.26e-02 $\geq$ 0.01)
ZIC3.H12CORE.1.S.B	f/12968	1.26e-02	+	
				Feature: f/24782 vs Motif: ZIC3.H12CORE.1.S.B (Rank 2) No significant hit (q = 1.66e-02 $\geq$ 0.01)
	f/24782	1.66e-02	-	
ZIC3.H12CORE.1.S.B				Feature: f/2 vs Motif: ZIC3.H12CORE.1.S.B (Rank 3) No significant hit (q = 2.00e-02 $\geq$ 0.01)
	f/2	2.00e-02	-	
				Feature: f/11902 vs Motif: ZF64B.H12CORE.1.P.B (Rank 1) No significant hit (q = 1.51e-02 $\geq$ 0.01)
ZF64B.H12CORE.1.P.B	f/11902	1.51e-02	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/859 vs Motif: ZF64B.H12CORE.1.P.B (Rank 2) No significant hit (q = 2.92e-02 $\geq$ 0.01)
	f/859	2.92e-02	-	
				Feature: f/24687 vs Motif: ZF64B.H12CORE.1.P.B (Rank 3) No significant hit (q = 3.04e-02 $\geq$ 0.01)
	f/24687	3.04e-02	-	
AP2A.H12CORE.0.PSM.A				Feature: f/1706 vs Motif: AP2A.H12CORE.0.PSM.A (Rank 1) No significant hit (q = 1.52e-02 $\geq$ 0.01)
	f/1706	1.52e-02	-	
				Feature: f/27231 vs Motif: AP2A.H12CORE.0.PSM.A (Rank 2) No significant hit (q = 5.45e-02 $\geq$ 0.01)
	f/27231	5.45e-02	+	
				Feature: f/28032 vs Motif: AP2A.H12CORE.0.PSM.A (Rank 3) No significant hit (q = 6.63e-02 $\geq$ 0.01)
	f/28032	6.63e-02	-	
E2F1.H12CORE.1.S.B				Feature: f/22319 vs Motif: E2F1.H12CORE.1.S.B (Rank 1) No significant hit (q = 1.54e-02 $\geq$ 0.01)
	f/22319	1.54e-02	-	
				Feature: f/2270 vs Motif: E2F1.H12CORE.1.S.B (Rank 2) No significant hit (q = 1.62e-02 $\geq$ 0.01)
	f/2270	1.62e-02	-	
				Feature: f/205 vs Motif: E2F1.H12CORE.1.S.B (Rank 3) No significant hit (q = 1.63e-02 $\geq$ 0.01)
	f/205	1.63e-02	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZNF44.H12CORE.0.P.C				Feature: f/5432 vs Motif: ZNF44.H12CORE.0.P.C (Rank 1) No significant hit (q = 1.64e-02 $\geq$ 0.01)
	f/5432	1.64e-02	+	
				Feature: f/25365 vs Motif: ZNF44.H12CORE.0.P.C (Rank 2) No significant hit (q = 2.01e-02 $\geq$ 0.01)
EGR2.H12CORE.0.PSM.A	f/25365	2.01e-02	+	
				Feature: f/29189 vs Motif: ZNF44.H12CORE.0.P.C (Rank 3) No significant hit (q = 2.54e-02 $\geq$ 0.01)
	f/29189	2.54e-02	-	
EGR2.H12CORE.0.PSM.A				Feature: f/14022 vs Motif: EGR2.H12CORE.0.PSM.A (Rank 1) No significant hit (q = 1.67e-02 $\geq$ 0.01)
	f/14022	1.67e-02	+	
				Feature: f/9585 vs Motif: EGR2.H12CORE.0.PSM.A (Rank 2) No significant hit (q = 1.85e-02 $\geq$ 0.01)
HINFP.H12CORE.1.P.B	f/9585	1.85e-02	-	
				Feature: f/10207 vs Motif: EGR2.H12CORE.0.PSM.A (Rank 3) No significant hit (q = 3.08e-02 $\geq$ 0.01)
	f/10207	3.08e-02	-	
HINFP.H12CORE.1.P.B				Feature: f/13727 vs Motif: HINFP.H12CORE.1.P.B (Rank 1) No significant hit (q = 1.90e-02 $\geq$ 0.01)
	f/13727	1.90e-02	+	
				Feature: f/32541 vs Motif: HINFP.H12CORE.1.P.B (Rank 2) No significant hit (q = 3.68e-02 $\geq$ 0.01)
HINFP.H12CORE.1.P.B	f/32541	3.68e-02	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/18284 vs Motif: HINFP.H12CORE.1.P.B (Rank 3) No significant hit (q = 3.96e-02 $\geq$ 0.01)
	f/18284	3.96e-02	+	
ZN441.H12CORE.0.P.C				Feature: f/13727 vs Motif: ZN441.H12CORE.0.P.C (Rank 1) No significant hit (q = 1.90e-02 $\geq$ 0.01)
	f/13727	1.90e-02	+	
				Feature: f/20815 vs Motif: ZN441.H12CORE.0.P.C (Rank 2) No significant hit (q = 2.10e-02 $\geq$ 0.01)
	f/20815	2.10e-02	-	
E2F4.H12CORE.2.S.B				Feature: f/23902 vs Motif: ZN441.H12CORE.0.P.C (Rank 3) No significant hit (q = 2.28e-02 $\geq$ 0.01)
	f/23902	2.28e-02	+	
				Feature: f/2270 vs Motif: E2F4.H12CORE.2.S.B (Rank 1) No significant hit (q = 1.92e-02 $\geq$ 0.01)
	f/2270	1.92e-02	-	
E2F4.H12CORE.2.S.B				Feature: f/26729 vs Motif: E2F4.H12CORE.2.S.B (Rank 2) No significant hit (q = 2.02e-02 $\geq$ 0.01)
	f/26729	2.02e-02	-	
				Feature: f/22319 vs Motif: E2F4.H12CORE.2.S.B (Rank 3) No significant hit (q = 2.19e-02 $\geq$ 0.01)
	f/22319	2.19e-02	-	
MYCN.H12CORE.1.M.C				Feature: f/26682 vs Motif: MYCN.H12CORE.1.M.C (Rank 1) No significant hit (q = 2.11e-02 $\geq$ 0.01)
	f/26682	2.11e-02	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/25900 vs Motif: MYCN.H12CORE.1.M.C (Rank 2)
				No significant hit (q = 3.03e-02 $\geq$ 0.01)
	f/25900	3.03e-02	-	
				Feature: f/1513 vs Motif: MYCN.H12CORE.1.M.C (Rank 3)
				No significant hit (q = 3.66e-02 $\geq$ 0.01)
	f/1513	3.66e-02	-	
ZN273.H12CORE.0.P.C				Feature: f/8055 vs Motif: ZN273.H12CORE.0.P.C (Rank 1)
				No significant hit (q = 2.18e-02 $\geq$ 0.01)
	f/8055	2.18e-02	-	
				Feature: f/4339 vs Motif: ZN273.H12CORE.0.P.C (Rank 2)
				No significant hit (q = 2.30e-02 $\geq$ 0.01)
	f/4339	2.30e-02	-	
				Feature: f/7039 vs Motif: ZN273.H12CORE.0.P.C (Rank 3)
				No significant hit (q = 2.66e-02 $\geq$ 0.01)
	f/7039	2.66e-02	-	
ZSC31.H12CORE.0.P.C				Feature: f/9425 vs Motif: ZSC31.H12CORE.0.P.C (Rank 1)
				No significant hit (q = 2.61e-02 $\geq$ 0.01)
	f/9425	2.61e-02	-	
				Feature: f/859 vs Motif: ZSC31.H12CORE.0.P.C (Rank 2)
				No significant hit (q = 2.92e-02 $\geq$ 0.01)
	f/859	2.92e-02	+	
				Feature: f/24190 vs Motif: ZSC31.H12CORE.0.P.C (Rank 3)
				No significant hit (q = 3.48e-02 $\geq$ 0.01)
	f/24190	3.48e-02	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN587.H12CORE.0.P.C				Feature: f/28692 vs Motif: ZN587.H12CORE.0.P.C (Rank 1) No significant hit (q = 3.02e-02 $\geq$ 0.01)
	f/28692	3.02e-02	+	
				Feature: f/658 vs Motif: ZN587.H12CORE.0.P.C (Rank 2) No significant hit (q = 3.62e-02 $\geq$ 0.01)
LRRF1.H12CORE.0.P.B	f/658	3.62e-02	-	
				Feature: f/2270 vs Motif: ZN587.H12CORE.0.P.C (Rank 3) No significant hit (q = 3.74e-02 $\geq$ 0.01)
	f/2270	3.74e-02	+	
LRRF1.H12CORE.0.P.B				Feature: f/24847 vs Motif: LRRF1.H12CORE.0.P.B (Rank 1) No significant hit (q = 3.14e-02 $\geq$ 0.01)
	f/24847	3.14e-02	+	
				Feature: f/740 vs Motif: LRRF1.H12CORE.0.P.B (Rank 2) No significant hit (q = 5.61e-02 $\geq$ 0.01)
EGR1.H12CORE.0.PS.A	f/740	5.61e-02	+	
				Feature: f/11395 vs Motif: LRRF1.H12CORE.0.P.B (Rank 3) No significant hit (q = 8.19e-02 $\geq$ 0.01)
	f/11395	8.19e-02	+	
EGR1.H12CORE.0.PS.A				Feature: f/25023 vs Motif: EGR1.H12CORE.0.PS.A (Rank 1) No significant hit (q = 3.22e-02 $\geq$ 0.01)
	f/25023	3.22e-02	+	
				Feature: f/10207 vs Motif: EGR1.H12CORE.0.PS.A (Rank 2) No significant hit (q = 3.46e-02 $\geq$ 0.01)
EGR1.H12CORE.0.PS.A	f/10207	3.46e-02	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/14022 vs Motif: EGR1.H12CORE.0.PS.A (Rank 3) No significant hit (q = 4.64e-02 $\geq$ 0.01)
	f/14022	4.64e-02	+	
ZIC1.H12CORE.2.S.B				Feature: f/12968 vs Motif: ZIC1.H12CORE.2.S.B (Rank 1) No significant hit (q = 3.36e-02 $\geq$ 0.01)
	f/12968	3.36e-02	+	
				Feature: f/18173 vs Motif: ZIC1.H12CORE.2.S.B (Rank 2) No significant hit (q = 5.13e-02 $\geq$ 0.01)
	f/18173	5.13e-02	+	
ZN534.H12CORE.1.P.C				Feature: f/18193 vs Motif: ZIC1.H12CORE.2.S.B (Rank 3) No significant hit (q = 6.03e-02 $\geq$ 0.01)
	f/18193	6.03e-02	-	
				Feature: f/7291 vs Motif: ZN534.H12CORE.1.P.C (Rank 1) No significant hit (q = 3.37e-02 $\geq$ 0.01)
	f/7291	3.37e-02	-	
TFEC.H12CORE.1.SM.B				Feature: f/24599 vs Motif: ZN534.H12CORE.1.P.C (Rank 2) No significant hit (q = 3.69e-02 $\geq$ 0.01)
	f/24599	3.69e-02	-	
				Feature: f/1381 vs Motif: ZN534.H12CORE.1.P.C (Rank 3) No significant hit (q = 4.00e-02 $\geq$ 0.01)
	f/1381	4.00e-02	-	
TFEC.H12CORE.1.SM.B				Feature: f/19497 vs Motif: TFEC.H12CORE.1.SM.B (Rank 1) No significant hit (q = 3.63e-02 $\geq$ 0.01)
	f/19497	3.63e-02	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/30134 vs Motif: TFEC.H12CORE.1.SM.B (Rank 2)
				No significant hit (q = 1.12e-01 $\geq$ 0.01)
	f/30134	1.12e-01	+	
				Feature: f/23979 vs Motif: TFEC.H12CORE.1.SM.B (Rank 3)
				No significant hit (q = 1.81e-01 $\geq$ 0.01)
	f/23979	1.81e-01	+	
ZN765.H12CORE.0.P.C				Feature: f/28335 vs Motif: ZN765.H12CORE.0.P.C (Rank 1)
				No significant hit (q = 3.86e-02 $\geq$ 0.01)
	f/28335	3.86e-02	+	
				Feature: f/859 vs Motif: ZN765.H12CORE.0.P.C (Rank 2)
				No significant hit (q = 1.43e-01 $\geq$ 0.01)
	f/859	1.43e-01	-	
				Feature: f/20824 vs Motif: ZN765.H12CORE.0.P.C (Rank 3)
				No significant hit (q = 1.82e-01 $\geq$ 0.01)
	f/20824	1.82e-01	+	
ZN682.H12CORE.0.P.B				Feature: f/2350 vs Motif: ZN682.H12CORE.0.P.B (Rank 1)
				No significant hit (q = 4.10e-02 $\geq$ 0.01)
	f/2350	4.10e-02	-	
				Feature: f/8380 vs Motif: ZN682.H12CORE.0.P.B (Rank 2)
				No significant hit (q = 4.31e-02 $\geq$ 0.01)
	f/8380	4.31e-02	+	
				Feature: f/27024 vs Motif: ZN682.H12CORE.0.P.B (Rank 3)
				No significant hit (q = 4.50e-02 $\geq$ 0.01)
	f/27024	4.50e-02	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZIC5.H12CORE.0.P.B				Feature: f/2 vs Motif: ZIC5.H12CORE.0.P.B (Rank 1) No significant hit (q = 4.23e-02 $\geq$ 0.01)
	f/2	4.23e-02	-	
				Feature: f/9425 vs Motif: ZIC5.H12CORE.0.P.B (Rank 2) No significant hit (q = 5.00e-02 $\geq$ 0.01)
HINFP.H12CORE.0.P.B	f/9425	5.00e-02	-	
				Feature: f/12968 vs Motif: ZIC5.H12CORE.0.P.B (Rank 3) No significant hit (q = 5.16e-02 $\geq$ 0.01)
	f/12968	5.16e-02	+	
HINFP.H12CORE.0.P.B				Feature: f/13727 vs Motif: HINFP.H12CORE.0.P.B (Rank 1) No significant hit (q = 4.26e-02 $\geq$ 0.01)
	f/13727	4.26e-02	+	
				Feature: f/20926 vs Motif: HINFP.H12CORE.0.P.B (Rank 2) No significant hit (q = 5.51e-02 $\geq$ 0.01)
E2F8.H12CORE.0.P.C	f/20926	5.51e-02	-	
				Feature: f/32541 vs Motif: HINFP.H12CORE.0.P.B (Rank 3) No significant hit (q = 6.87e-02 $\geq$ 0.01)
	f/32541	6.87e-02	+	
E2F8.H12CORE.0.P.C				Feature: f/13237 vs Motif: E2F8.H12CORE.0.P.C (Rank 1) No significant hit (q = 4.29e-02 $\geq$ 0.01)
	f/13237	4.29e-02	+	
				Feature: f/32458 vs Motif: E2F8.H12CORE.0.P.C (Rank 2) No significant hit (q = 4.56e-02 $\geq$ 0.01)
E2F8.H12CORE.0.P.C	f/32458	4.56e-02	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/23885 vs Motif: E2F8.H12CORE.0.P.C (Rank 3) No significant hit (q = 5.16e-02 $\geq$ 0.01)
	f/23885	5.16e-02	-	
ZN778.H12CORE.0.P.C				Feature: f/5164 vs Motif: ZN778.H12CORE.0.P.C (Rank 1) No significant hit (q = 4.55e-02 $\geq$ 0.01)
	f/5164	4.55e-02	+	
				Feature: f/22851 vs Motif: ZN778.H12CORE.0.P.C (Rank 2) No significant hit (q = 6.93e-02 $\geq$ 0.01)
	f/22851	6.93e-02	+	
ZIC1.H12CORE.0.P.B				Feature: f/24390 vs Motif: ZN778.H12CORE.0.P.C (Rank 3) No significant hit (q = 7.04e-02 $\geq$ 0.01)
	f/24390	7.04e-02	+	
				Feature: f/12431 vs Motif: ZIC1.H12CORE.0.P.B (Rank 1) No significant hit (q = 5.30e-02 $\geq$ 0.01)
	f/12431	5.30e-02	+	
ZIC5.H12CORE.2.S.C				Feature: f/25365 vs Motif: ZIC1.H12CORE.0.P.B (Rank 2) No significant hit (q = 5.50e-02 $\geq$ 0.01)
	f/25365	5.50e-02	-	
				Feature: f/9425 vs Motif: ZIC1.H12CORE.0.P.B (Rank 3) No significant hit (q = 5.60e-02 $\geq$ 0.01)
	f/9425	5.60e-02	-	
				Feature: f/18173 vs Motif: ZIC5.H12CORE.2.S.C (Rank 1) No significant hit (q = 5.64e-02 $\geq$ 0.01)
	f/18173	5.64e-02	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/29950 vs Motif: ZIC5.H12CORE.2.S.C (Rank 2) No significant hit (q = 6.15e-02 $\geq$ 0.01)
	f/29950	6.15e-02	-	
				Feature: f/17584 vs Motif: ZIC5.H12CORE.2.S.C (Rank 3) No significant hit (q = 8.67e-02 $\geq$ 0.01)
	f/17584	8.67e-02	+	
ZN141.H12CORE.0.P.C				Feature: f/24390 vs Motif: ZN141.H12CORE.0.P.C (Rank 1) No significant hit (q = 6.63e-02 $\geq$ 0.01)
	f/24390	6.63e-02	-	
				Feature: f/25023 vs Motif: ZN141.H12CORE.0.P.C (Rank 2) No significant hit (q = 7.60e-02 $\geq$ 0.01)
	f/25023	7.60e-02	-	
				Feature: f/1381 vs Motif: ZN141.H12CORE.0.P.C (Rank 3) No significant hit (q = 7.72e-02 $\geq$ 0.01)
	f/1381	7.72e-02	+	
TTY1.H12CORE.0.PSM.A				Feature: f/11733 vs Motif: TTY1.H12CORE.0.PSM.A (Rank 1) No significant hit (q = 7.25e-02 $\geq$ 0.01)
	f/11733	7.25e-02	+	
				Feature: f/26729 vs Motif: TTY1.H12CORE.0.PSM.A (Rank 2) No significant hit (q = 7.67e-02 $\geq$ 0.01)
	f/26729	7.67e-02	-	
				Feature: f/28155 vs Motif: TTY1.H12CORE.0.PSM.A (Rank 3) No significant hit (q = 1.11e-01 $\geq$ 0.01)
	f/28155	1.11e-01	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN304.H12CORE.0.P.C				Feature: f/17555 vs Motif: ZN304.H12CORE.0.P.C (Rank 1) No significant hit (q = 8.56e-02 $\geq$ 0.01)
	f/17555	8.56e-02	-	
				Feature: f/32623 vs Motif: ZN304.H12CORE.0.P.C (Rank 2) No significant hit (q = 9.11e-02 $\geq$ 0.01)
	f/32623	9.11e-02	-	
ZN449.H12CORE.0.P.B				Feature: f/10228 vs Motif: ZN304.H12CORE.0.P.C (Rank 3) No significant hit (q = 1.29e-01 $\geq$ 0.01)
	f/10228	1.29e-01	-	
				Feature: f/4295 vs Motif: ZN449.H12CORE.0.P.B (Rank 1) No significant hit (q = 8.62e-02 $\geq$ 0.01)
	f/4295	8.62e-02	+	
ZN449.H12CORE.0.P.B				Feature: f/6537 vs Motif: ZN449.H12CORE.0.P.B (Rank 2) No significant hit (q = 1.51e-01 $\geq$ 0.01)
	f/6537	1.51e-01	-	
				Feature: f/27024 vs Motif: ZN449.H12CORE.0.P.B (Rank 3) No significant hit (q = 1.76e-01 $\geq$ 0.01)
	f/27024	1.76e-01	+	
ZFP42.H12CORE.0.PM.A				Feature: f/11733 vs Motif: ZFP42.H12CORE.0.PM.A (Rank 1) No significant hit (q = 1.03e-01 $\geq$ 0.01)
	f/11733	1.03e-01	-	
				Feature: f/28155 vs Motif: ZFP42.H12CORE.0.PM.A (Rank 2) No significant hit (q = 1.10e-01 $\geq$ 0.01)
	f/28155	1.10e-01	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/19070 vs Motif: ZFP42.H12CORE.0.PM.A (Rank 3) No significant hit (q = 1.27e-01 $\geq$ 0.01)
	f/19070	1.27e-01	-	
KAISO.H12CORE.1.P.B				Feature: f/740 vs Motif: KAISO.H12CORE.1.P.B (Rank 1) No significant hit (q = 1.19e-01 $\geq$ 0.01)
	f/740	1.19e-01	-	
				Feature: f/4037 vs Motif: KAISO.H12CORE.1.P.B (Rank 2) No significant hit (q = 1.65e-01 $\geq$ 0.01)
	f/4037	1.65e-01	+	
TYY2.H12CORE.1.SM.B				Feature: f/16451 vs Motif: KAISO.H12CORE.1.P.B (Rank 3) No significant hit (q = 1.77e-01 $\geq$ 0.01)
	f/16451	1.77e-01	+	
				Feature: f/19070 vs Motif: TYY2.H12CORE.1.SM.B (Rank 1) No significant hit (q = 1.27e-01 $\geq$ 0.01)
	f/19070	1.27e-01	+	
TYY2.H12CORE.1.SM.B				Feature: f/24447 vs Motif: TYY2.H12CORE.1.SM.B (Rank 2) No significant hit (q = 1.31e-01 $\geq$ 0.01)
	f/24447	1.31e-01	+	
				Feature: f/11733 vs Motif: TYY2.H12CORE.1.SM.B (Rank 3) No significant hit (q = 2.09e-01 $\geq$ 0.01)
	f/11733	2.09e-01	+	
ZIC5.H12CORE.1.M.C				Feature: f/2 vs Motif: ZIC5.H12CORE.1.M.C (Rank 1) No significant hit (q = 2.00e-01 $\geq$ 0.01)
	f/2	2.00e-01	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/9425 vs Motif: ZIC5.H12CORE.1.M.C (Rank 2)
				No significant hit (q = 2.10e-01 $\geq$ 0.01)
	f/9425	2.10e-01	-	
				Feature: f/12968 vs Motif: ZIC5.H12CORE.1.M.C (Rank 3)
				No significant hit (q = 3.18e-01 $\geq$ 0.01)
	f/12968	3.18e-01	+	
KAISO.H12CORE.0.P.B				Feature: f/16451 vs Motif: KAISO.H12CORE.0.P.B (Rank 1)
				No significant hit (q = 2.25e-01 $\geq$ 0.01)
	f/16451	2.25e-01	+	
				Feature: f/740 vs Motif: KAISO.H12CORE.0.P.B (Rank 2)
				No significant hit (q = 3.08e-01 $\geq$ 0.01)
	f/740	3.08e-01	-	
				Feature: f/2822 vs Motif: KAISO.H12CORE.0.P.B (Rank 3)
				No significant hit (q = 4.59e-01 $\geq$ 0.01)
	f/2822	4.59e-01	-	
CENPB.H12CORE.0.S.B				Feature: f/1543 vs Motif: CENPB.H12CORE.0.S.B (Rank 1)
				No significant hit (q = 2.46e-01 $\geq$ 0.01)
	f/1543	2.46e-01	-	
				Feature: f/31170 vs Motif: CENPB.H12CORE.0.S.B (Rank 2)
				No significant hit (q = 2.94e-01 $\geq$ 0.01)
	f/31170	2.94e-01	+	
				Feature: f/4631 vs Motif: CENPB.H12CORE.0.S.B (Rank 3)
				No significant hit (q = 3.35e-01 $\geq$ 0.01)
	f/4631	3.35e-01	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
GCM2.H12CORE.0.SM.B				Feature: f/1205 vs Motif: GCM2.H12CORE.0.SM.B (Rank 1) No significant hit (q = 2.67e-01 $\geq$ 0.01)
	f/1205	2.67e-01	-	
				Feature: f/31170 vs Motif: GCM2.H12CORE.0.SM.B (Rank 2) No significant hit (q = 3.01e-01 $\geq$ 0.01)
E2F3.H12CORE.1.SM.B	f/31170	3.01e-01	+	
				Feature: f/23526 vs Motif: GCM2.H12CORE.0.SM.B (Rank 3) No significant hit (q = 3.17e-01 $\geq$ 0.01)
	f/23526	3.17e-01	+	
E2F3.H12CORE.1.SM.B				Feature: f/15981 vs Motif: E2F3.H12CORE.1.SM.B (Rank 1) No significant hit (q = 3.66e-01 $\geq$ 0.01)
	f/15981	3.66e-01	-	
				Feature: f/20806 vs Motif: E2F3.H12CORE.1.SM.B (Rank 2) No significant hit (q = 4.33e-01 $\geq$ 0.01)
E2F7.H12CORE.0.S.C	f/20806	4.33e-01	+	
				Feature: f/10294 vs Motif: E2F3.H12CORE.1.SM.B (Rank 3) No significant hit (q = 4.55e-01 $\geq$ 0.01)
	f/10294	4.55e-01	-	
E2F7.H12CORE.0.S.C				Feature: f/20806 vs Motif: E2F7.H12CORE.0.S.C (Rank 1) No significant hit (q = 4.45e-01 $\geq$ 0.01)
	f/20806	4.45e-01	-	
				Feature: f/707 vs Motif: E2F7.H12CORE.0.S.C (Rank 2) No significant hit (q = 7.89e-01 $\geq$ 0.01)
E2F7.H12CORE.0.S.C	f/707	7.89e-01	-	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/6578 vs Motif: E2F7.H12CORE.0.S.C (Rank 3) No significant hit (q = 8.57e-01 $\geq$ 0.01)
	f/6578	8.57e-01	+	
RFX2.H12CORE.1.PSM.A				Feature: f/6748 vs Motif: RFX2.H12CORE.1.PSM.A (Rank 1) No significant hit (q = 5.12e-01 $\geq$ 0.01)
	f/6748	5.12e-01	+	
				Feature: f/23087 vs Motif: RFX2.H12CORE.1.PSM.A (Rank 2) No significant hit (q = 5.14e-01 $\geq$ 0.01)
	f/23087	5.14e-01	+	
ZN112.H12CORE.0.P.C				Feature: f/5128 vs Motif: RFX2.H12CORE.1.PSM.A (Rank 3) No significant hit (q = 5.46e-01 $\geq$ 0.01)
	f/5128	5.46e-01	-	
				Feature: f/15580 vs Motif: ZN112.H12CORE.0.P.C (Rank 1) No significant hit (q = 6.09e-01 $\geq$ 0.01)
	f/15580	6.09e-01	+	
ZN112.H12CORE.0.P.C				Feature: f/990 vs Motif: ZN112.H12CORE.0.P.C (Rank 2) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
				Feature: f/31670 vs Motif: ZN112.H12CORE.0.P.C (Rank 3) No significant hit (q = 8.81e-01 $\geq$ 0.01)
ZN565.H12CORE.0.P.C	f/31670	8.81e-01	+	
				Feature: f/23301 vs Motif: ZN565.H12CORE.0.P.C (Rank 1) No significant hit (q = 6.13e-01 $\geq$ 0.01)
	f/23301	6.13e-01	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/14052 vs Motif: ZN565.H12CORE.0.P.C (Rank 2)
				No significant hit (q = 7.23e-01 $\geq$ 0.01)
	f/14052	7.23e-01	-	
				Feature: f/26503 vs Motif: ZN565.H12CORE.0.P.C (Rank 3)
				No significant hit (q = 7.79e-01 $\geq$ 0.01)
	f/26503	7.79e-01	-	
RFX5.H12CORE.2.S.B				Feature: f/28155 vs Motif: RFX5.H12CORE.2.S.B (Rank 1)
				No significant hit (q = 7.53e-01 $\geq$ 0.01)
	f/28155	7.53e-01	+	
				Feature: f/6748 vs Motif: RFX5.H12CORE.2.S.B (Rank 2)
				No significant hit (q = 7.61e-01 $\geq$ 0.01)
	f/6748	7.61e-01	+	
				Feature: f/3101 vs Motif: RFX5.H12CORE.2.S.B (Rank 3)
				No significant hit (q = 8.56e-01 $\geq$ 0.01)
	f/3101	8.56e-01	+	
ZN562.H12CORE.0.P.C				Feature: f/28270 vs Motif: ZN562.H12CORE.0.P.C (Rank 1)
				No significant hit (q = 7.64e-01 $\geq$ 0.01)
	f/28270	7.64e-01	+	
				Feature: f/990 vs Motif: ZN562.H12CORE.0.P.C (Rank 2)
				No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
				Feature: f/31670 vs Motif: ZN562.H12CORE.0.P.C (Rank 3)
				No significant hit (q = 8.81e-01 $\geq$ 0.01)
	f/31670	8.81e-01	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
ZN100.H12CORE.0.P.B				Feature: f/990 vs Motif: ZN100.H12CORE.0.P.B (Rank 1) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
				Feature: f/31670 vs Motif: ZN100.H12CORE.0.P.B (Rank 2) No significant hit (q = 8.81e-01 $\geq$ 0.01)
ZN436.H12CORE.0.P.C	f/31670	8.81e-01	+	
				Feature: f/26903 vs Motif: ZN100.H12CORE.0.P.B (Rank 3) No significant hit (q = 8.82e-01 $\geq$ 0.01)
	f/26903	8.82e-01	+	
ZN436.H12CORE.0.P.C				Feature: f/990 vs Motif: ZN436.H12CORE.0.P.C (Rank 1) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
				Feature: f/31670 vs Motif: ZN436.H12CORE.0.P.C (Rank 2) No significant hit (q = 8.81e-01 $\geq$ 0.01)
ZN578.H12CORE.0.P.C	f/31670	8.81e-01	+	
				Feature: f/26903 vs Motif: ZN436.H12CORE.0.P.C (Rank 3) No significant hit (q = 8.82e-01 $\geq$ 0.01)
	f/26903	8.82e-01	-	
ZN578.H12CORE.0.P.C				Feature: f/990 vs Motif: ZN578.H12CORE.0.P.C (Rank 1) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
				Feature: f/31670 vs Motif: ZN578.H12CORE.0.P.C (Rank 2) No significant hit (q = 8.81e-01 $\geq$ 0.01)
	f/31670	8.81e-01	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/26903 vs Motif: ZN578.H12CORE.0.P.C (Rank 3) No significant hit (q = 8.82e-01 $\geq$ 0.01)
	f/26903	8.82e-01	+	
ZN611.H12CORE.1.P.C				Feature: f/990 vs Motif: ZN611.H12CORE.1.P.C (Rank 1) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
				Feature: f/31670 vs Motif: ZN611.H12CORE.1.P.C (Rank 2) No significant hit (q = 8.81e-01 $\geq$ 0.01)
	f/31670	8.81e-01	+	
ZN623.H12CORE.0.P.C				Feature: f/26903 vs Motif: ZN611.H12CORE.1.P.C (Rank 3) No significant hit (q = 8.82e-01 $\geq$ 0.01)
	f/26903	8.82e-01	+	
				Feature: f/990 vs Motif: ZN623.H12CORE.0.P.C (Rank 1) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
ZN778.H12CORE.1.P.B				Feature: f/31670 vs Motif: ZN623.H12CORE.0.P.C (Rank 2) No significant hit (q = 8.81e-01 $\geq$ 0.01)
	f/31670	8.81e-01	+	
				Feature: f/26903 vs Motif: ZN623.H12CORE.0.P.C (Rank 3) No significant hit (q = 8.82e-01 $\geq$ 0.01)
	f/26903	8.82e-01	+	
ZN778.H12CORE.1.P.B				Feature: f/990 vs Motif: ZN778.H12CORE.1.P.B (Rank 1) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	

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TF Motif	SAE feature	q-value	Strand	Sequence Logo Plot
				Feature: f/31670 vs Motif: ZN778.H12CORE.1.P.B (Rank 2) No significant hit (q = 8.81e-01 $\geq$ 0.01)
	f/31670	8.81e-01	+	
				Feature: f/26903 vs Motif: ZN778.H12CORE.1.P.B (Rank 3) No significant hit (q = 8.82e-01 $\geq$ 0.01)
	f/26903	8.82e-01	+	
ZN805.H12CORE.0.P.C				Feature: f/990 vs Motif: ZN805.H12CORE.0.P.C (Rank 1) No significant hit (q = 8.70e-01 $\geq$ 0.01)
	f/990	8.70e-01	+	
				Feature: f/31670 vs Motif: ZN805.H12CORE.0.P.C (Rank 2) No significant hit (q = 8.81e-01 $\geq$ 0.01)
	f/31670	8.81e-01	+	
				Feature: f/26903 vs Motif: ZN805.H12CORE.0.P.C (Rank 3) No significant hit (q = 8.82e-01 $\geq$ 0.01)
	f/26903	8.82e-01	+	