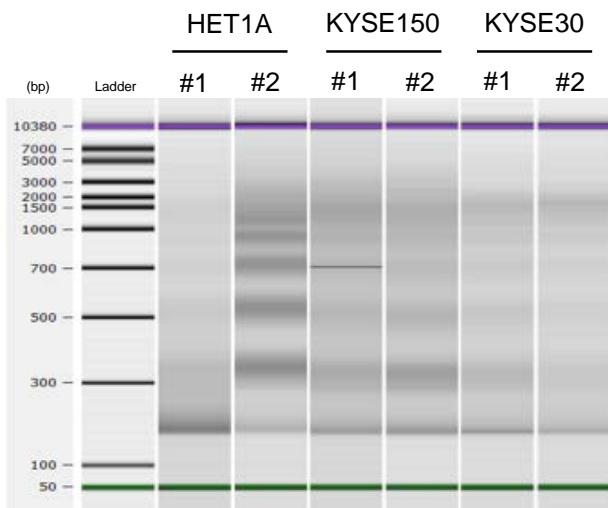
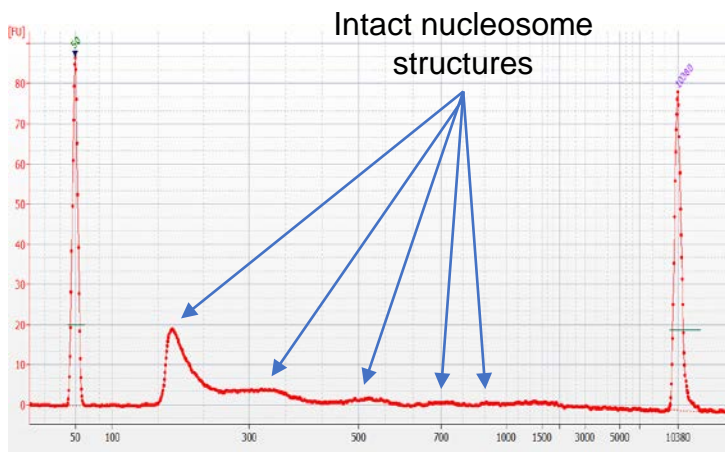
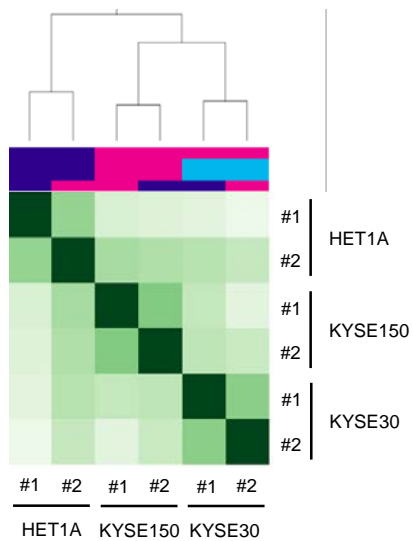
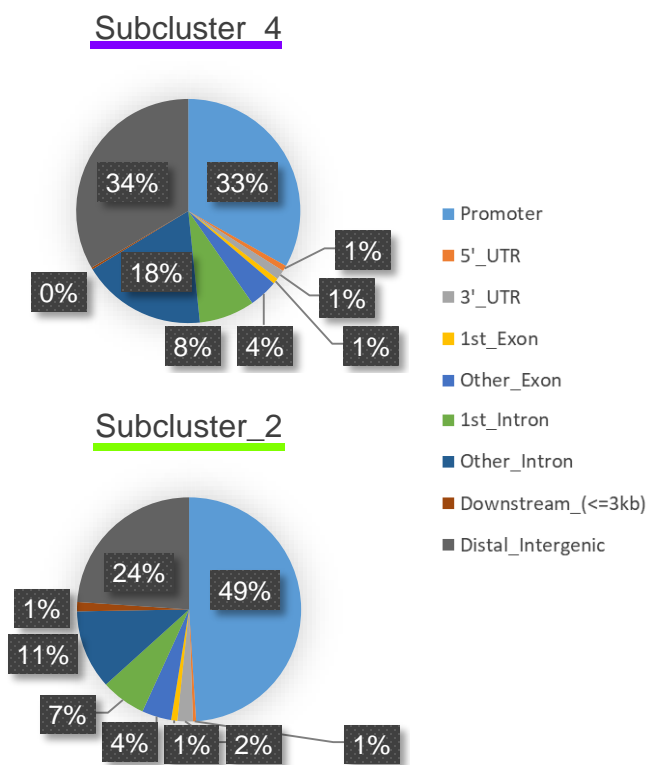
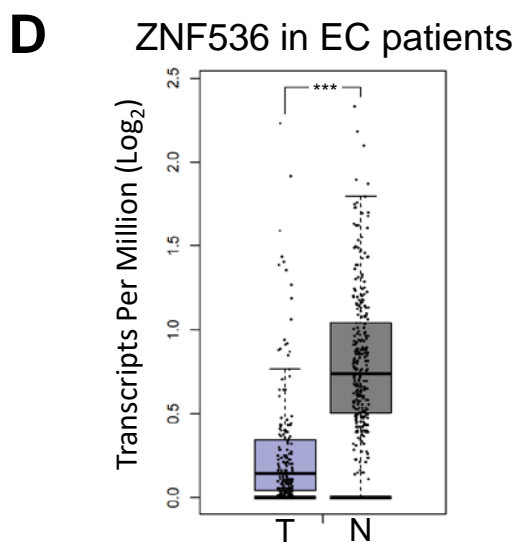
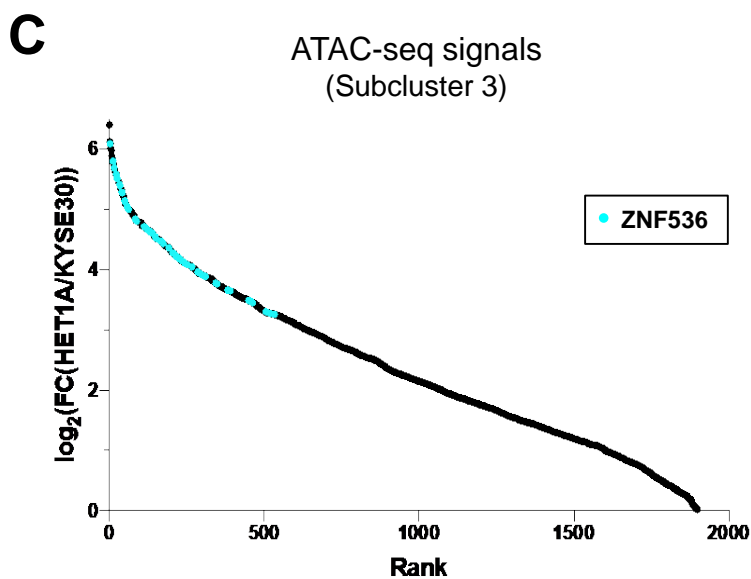
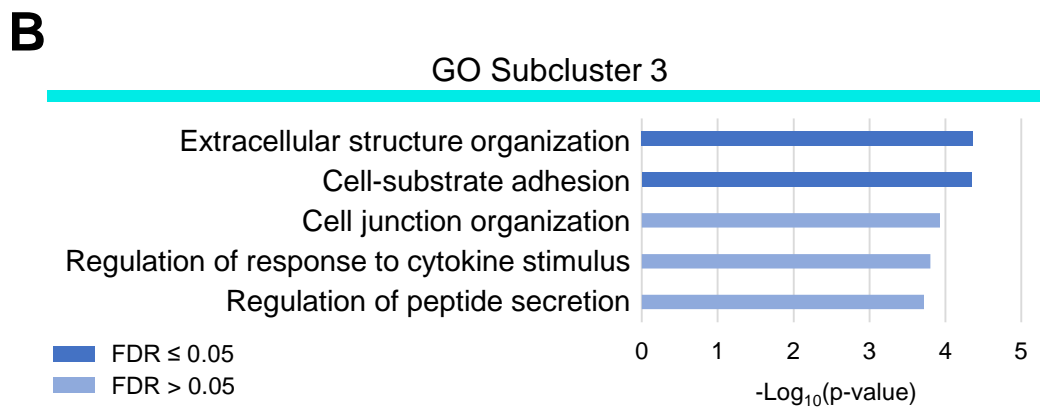
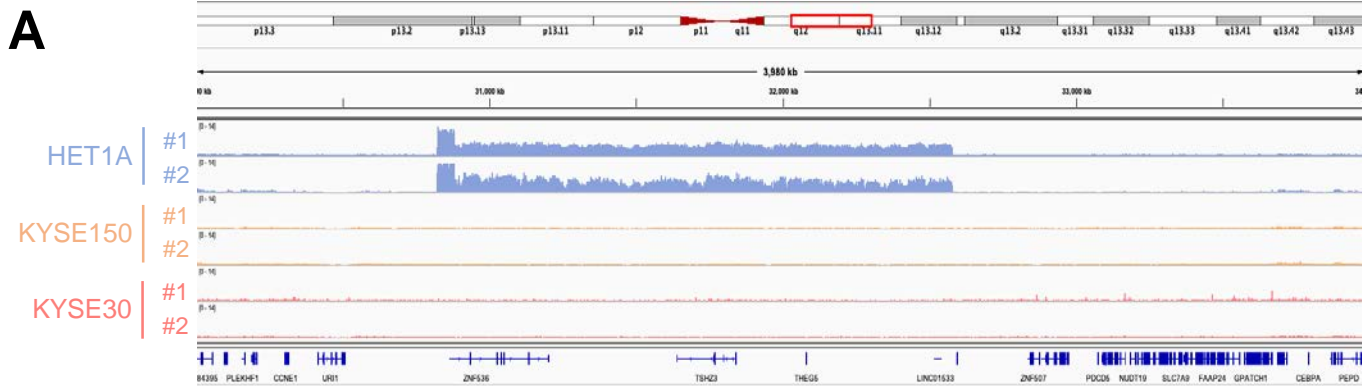
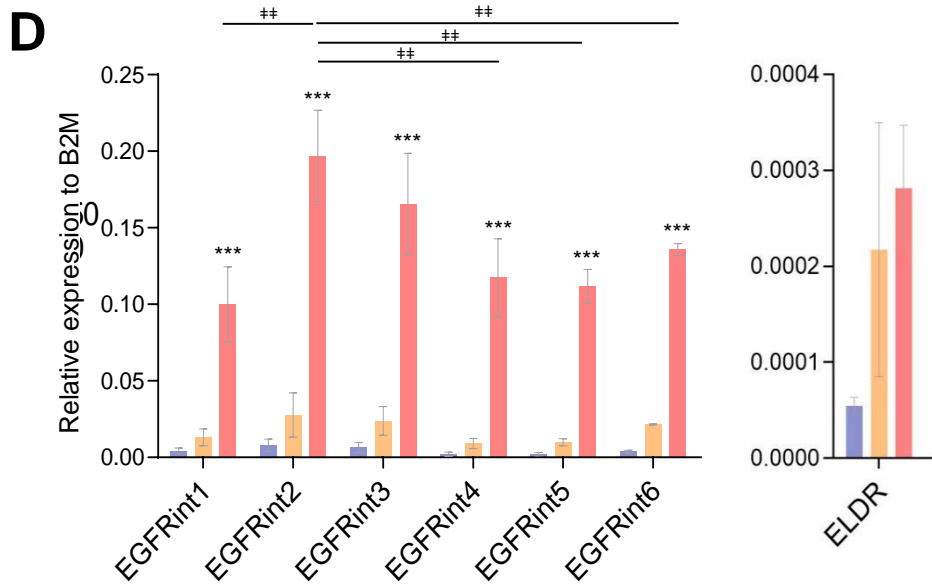
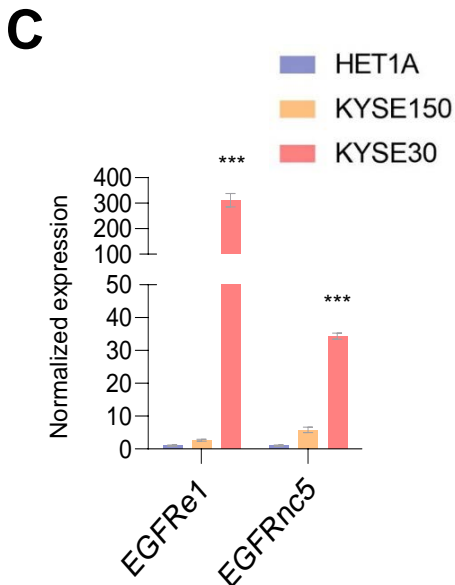
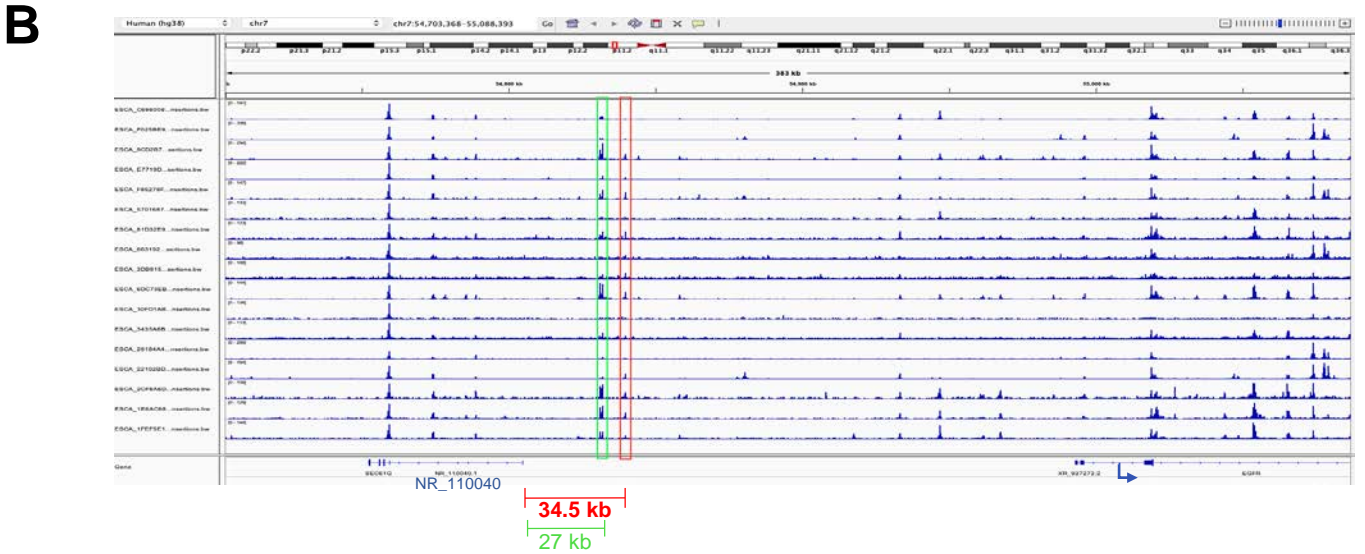
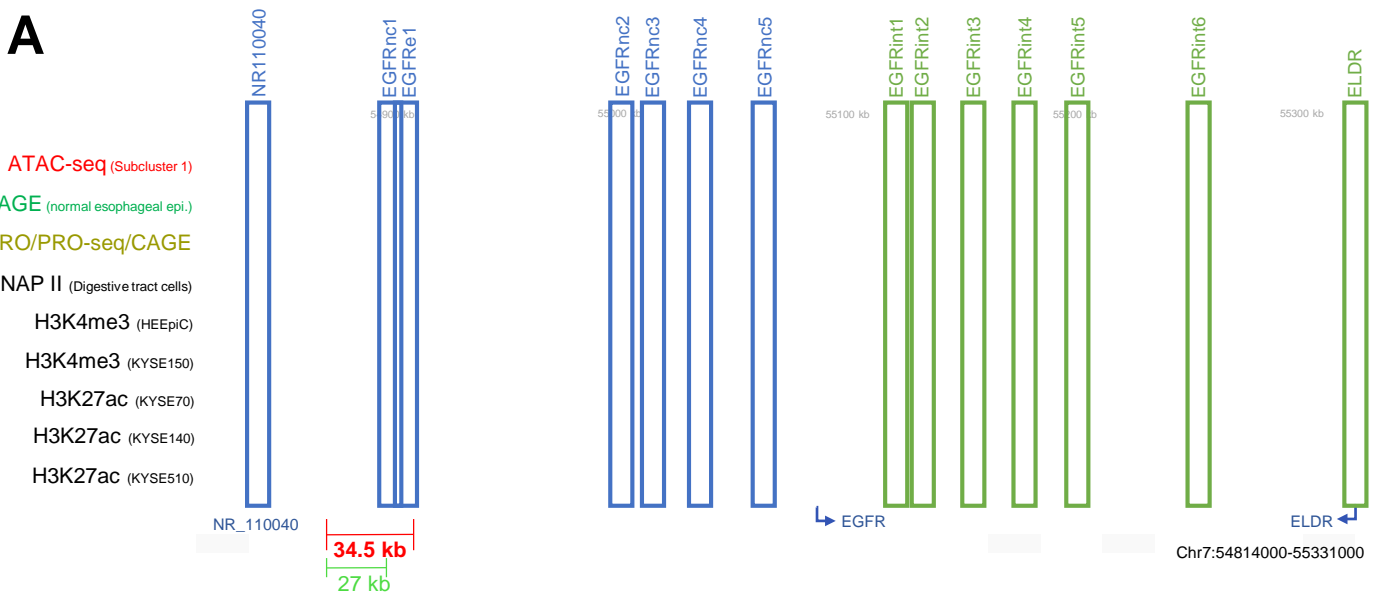
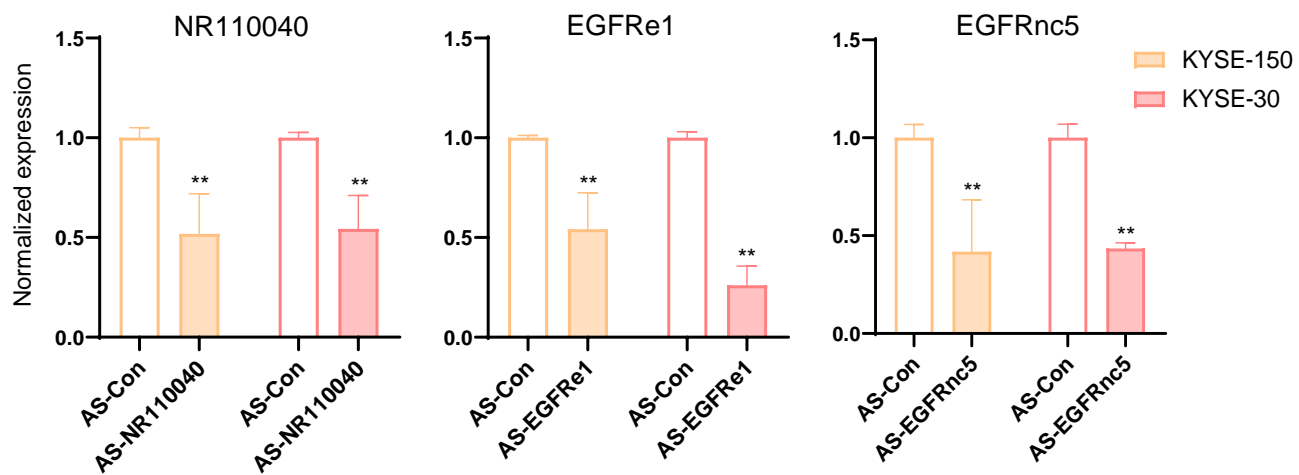





A**B****C****D**













Subcluster 3

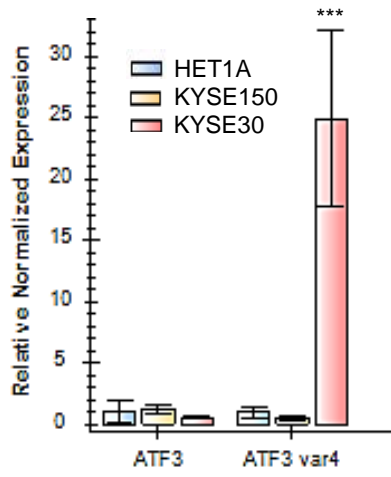
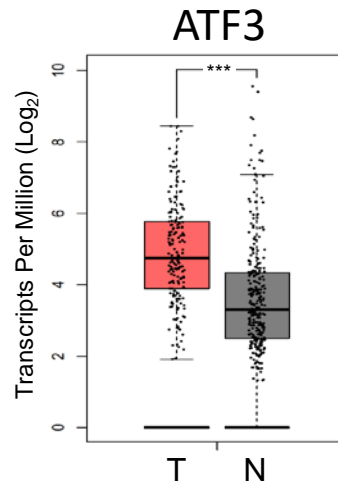
Rank	Motif	P-value	% of Targets	% of Bgd	Known TF
1		1e-183	18.64	2.64	FOSL1, BATF, ATF3, FOSL2, JUN, JUNB, JUND, FOS, FOSL2
2		1e-19	18.43	11.22	FOXA2, FOX, FOXA1, FOXO3, FOXD1, FOXP1, FOXP2
3		1e-18	1.41	0.13	CTCF, BORIS, RUNX2, ZNF354C, MYCN, USF2, RUNX

Subcluster 2

Rank	Motif	P-value	% of Targets	% of Bgd	Known TF
1		1e-18	13.17	3.33	BATF, ATF3, JUN, FOSL2, FOSL1, FOS, JUNB
2		1e-12	13.62	4.66	NFY, NFIC, SOX3, NFYB
3		1e-10	28.79	16.33	SP1, KLF5, KLF4

Subcluster 4

Rank	Motif	P-value	% of Targets	% of Bgd	Known TF
1		1e-29	16.53	2.52	BATF, FOSL2, FOSL1, ATF3, JUN, FOS, JUNB
2		1e-12	1.38	0.00	PIT1, HNF1, BATF, JUN
3		1e-11	3.03	0.12	PITX1, RELA, REL

A**B**



Choi, et al. Figure S7