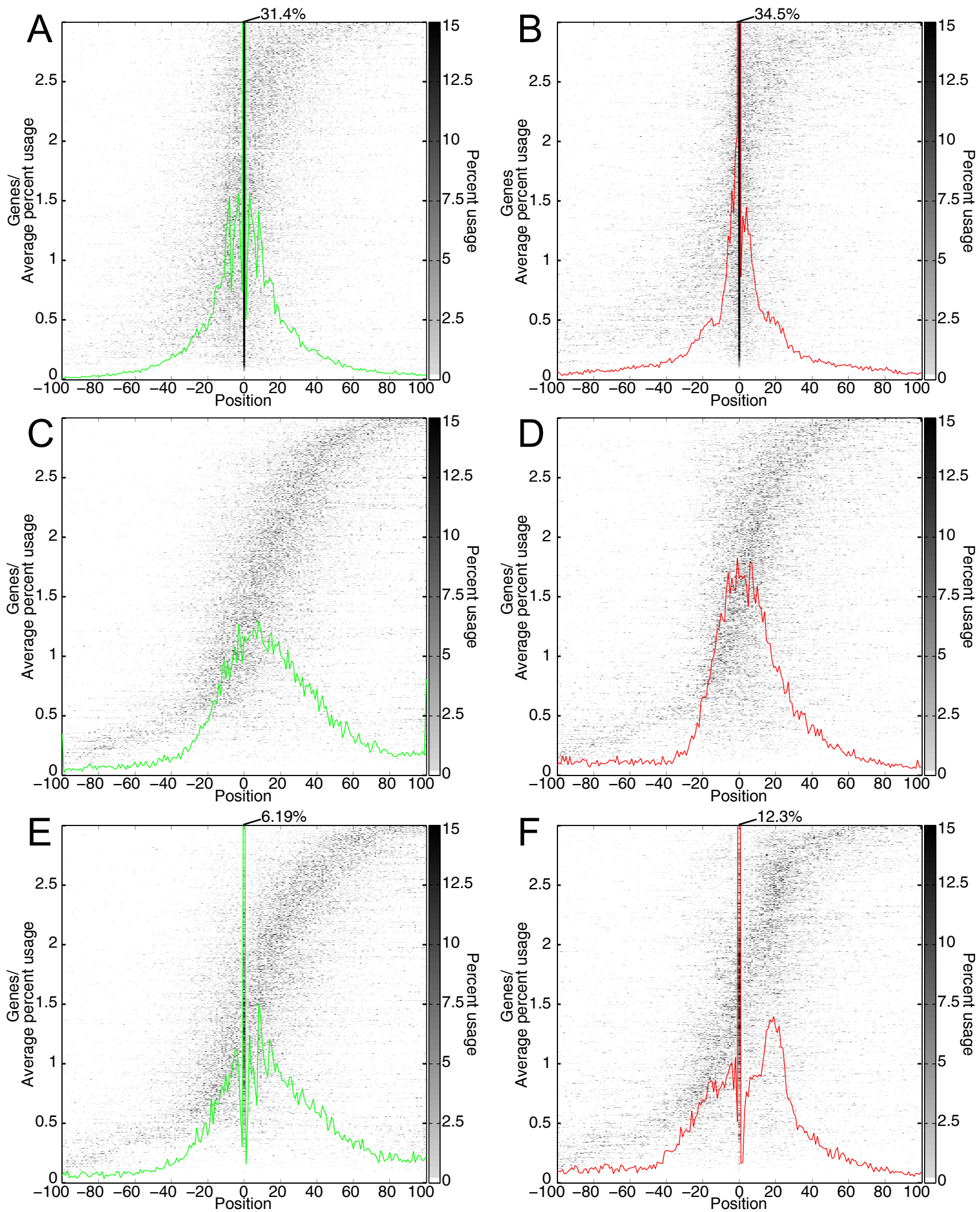
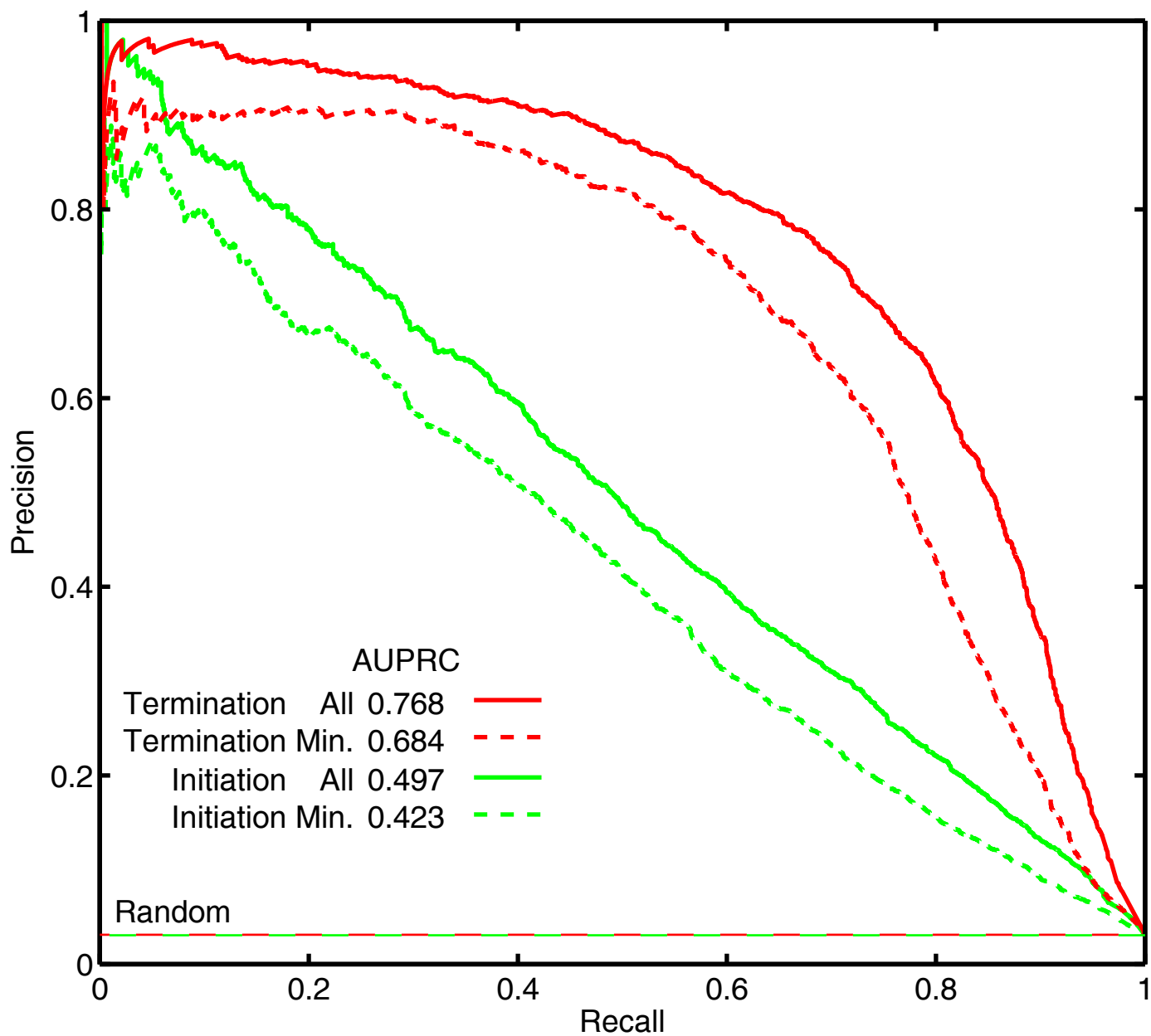


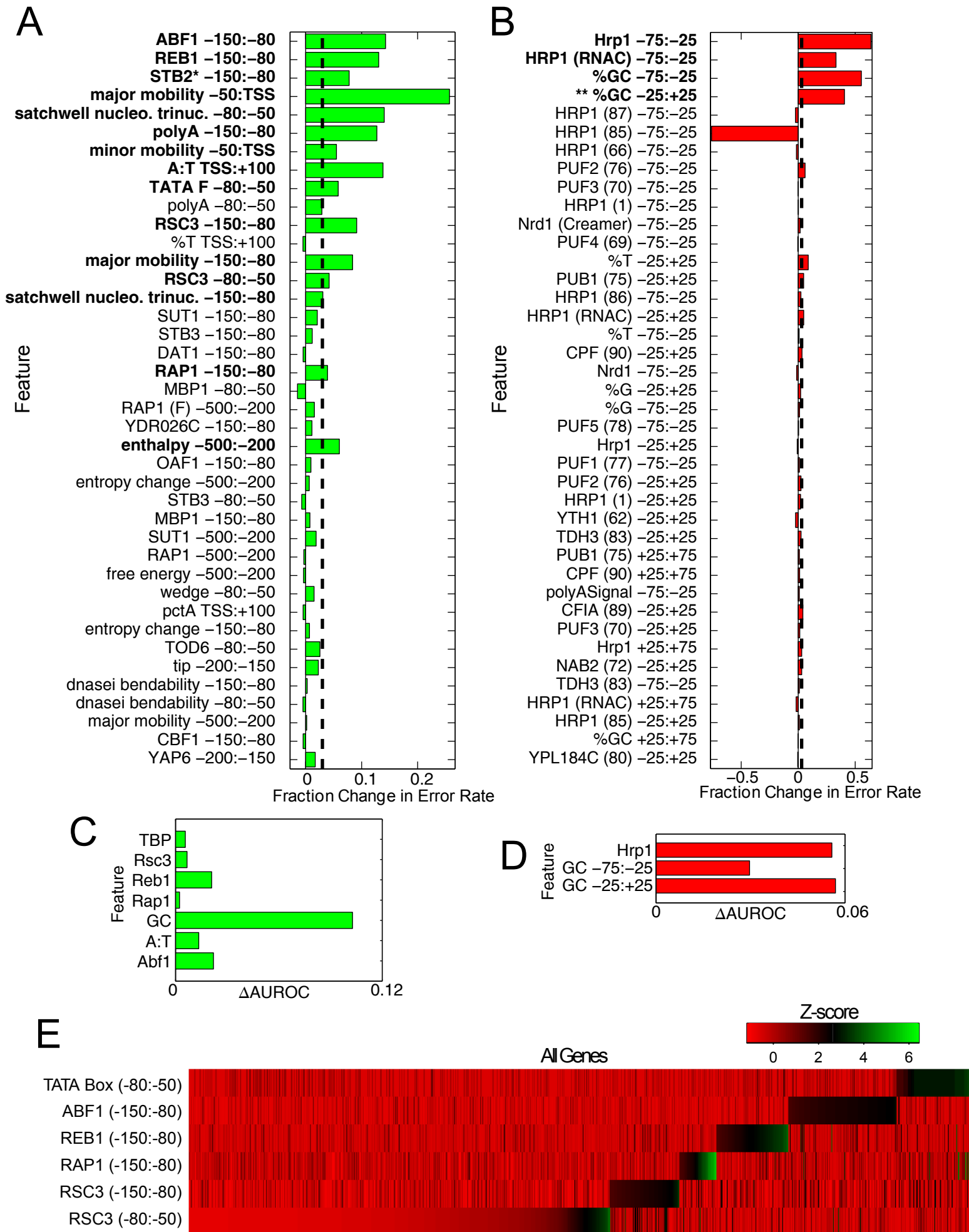
Supplementary Figure 1



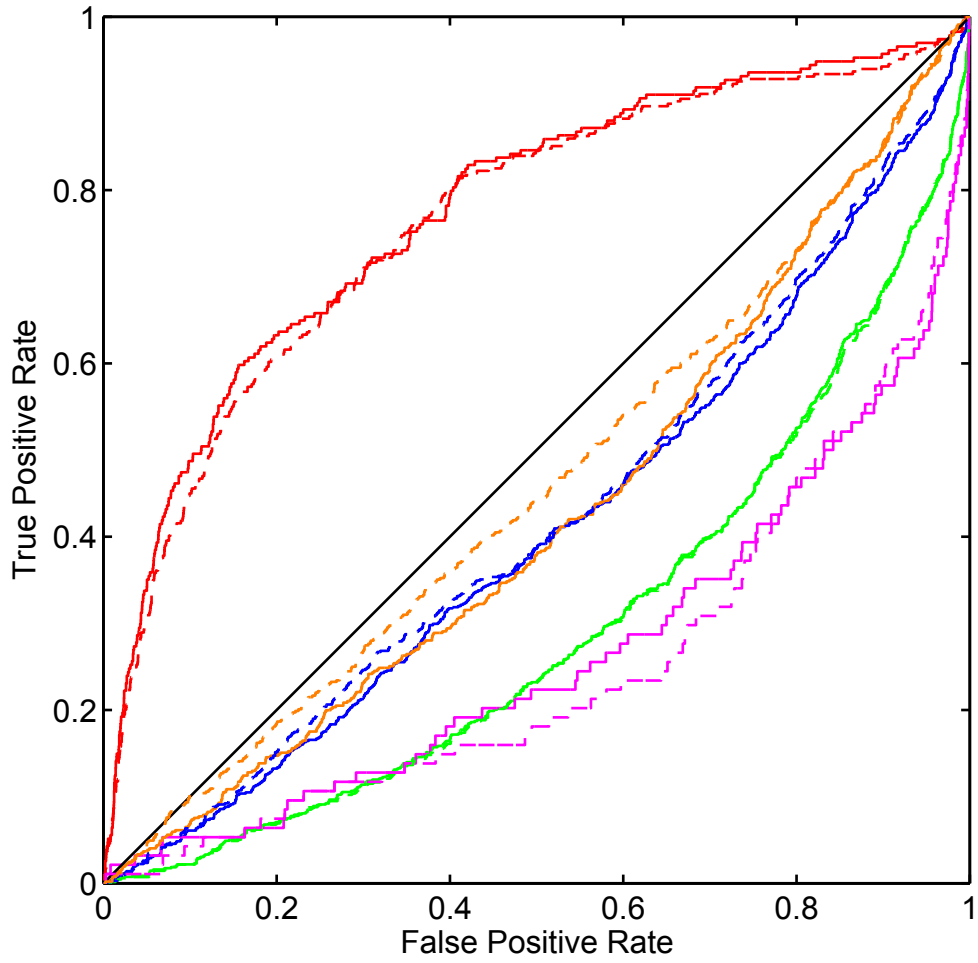
Supplementary Figure 2



Supplementary Figure 3



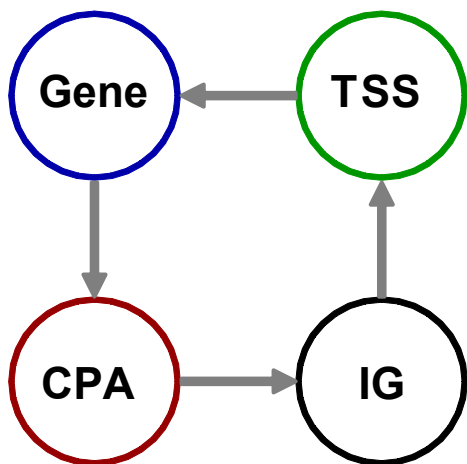
Supplementary Figure 4



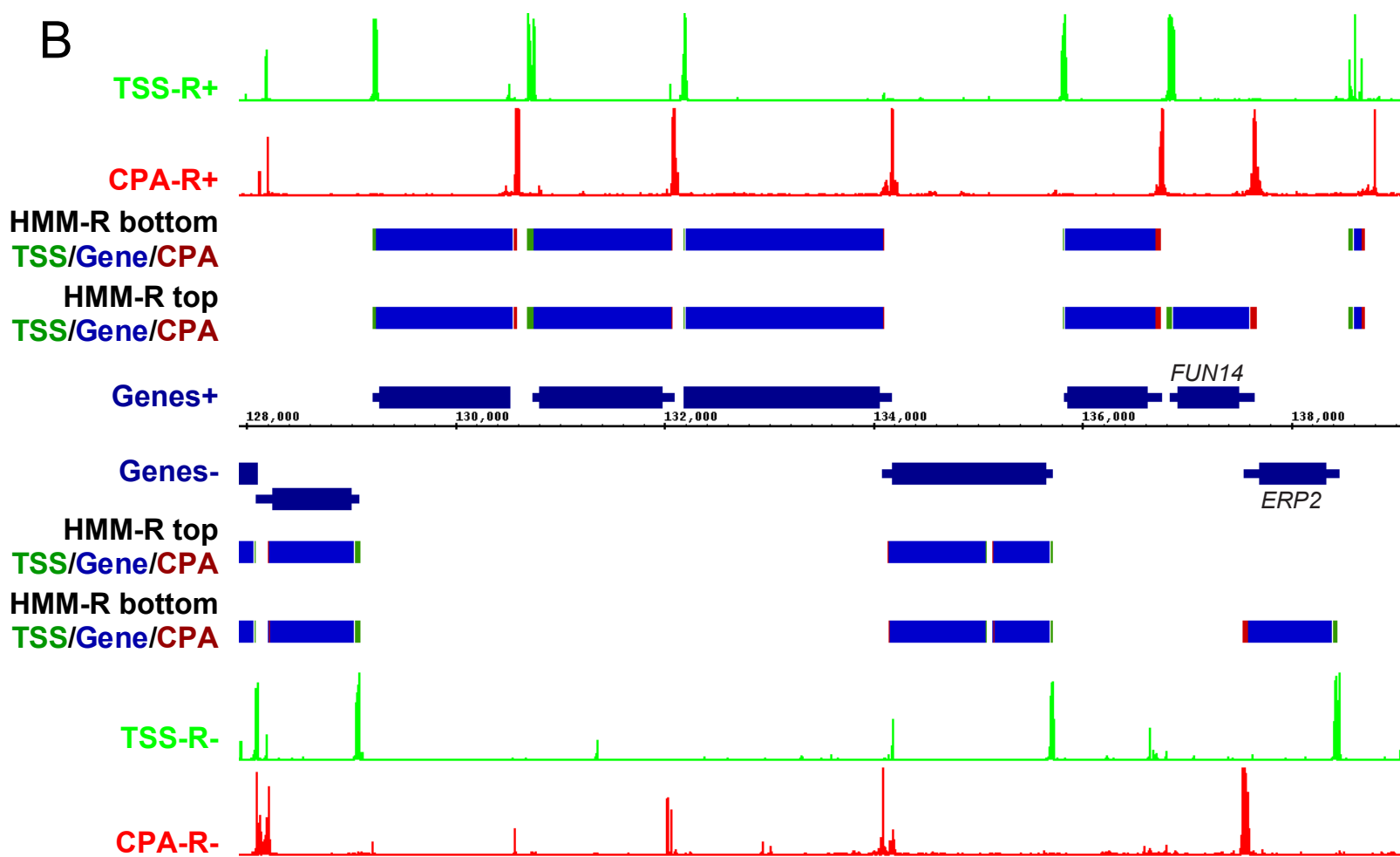
Mutant	Model Score		TF Binding Score	
	AUROC	P<	AUROC	P<
<i>abf1-101</i> [1]	0.297	2E-65	0.295	5E-67
<i>reb1-212</i> [1]	0.409	4E-15	0.420	8E-12
<i>spt15-300</i> [2]	0.775	~0	0.764	~0
<i>rap1-1</i> [1]	0.268	2E-14	0.254	3E-16
<i>rsc3-1</i> [1]	0.426	8E-9	0.459	2E-3

Supplementary Figure 5

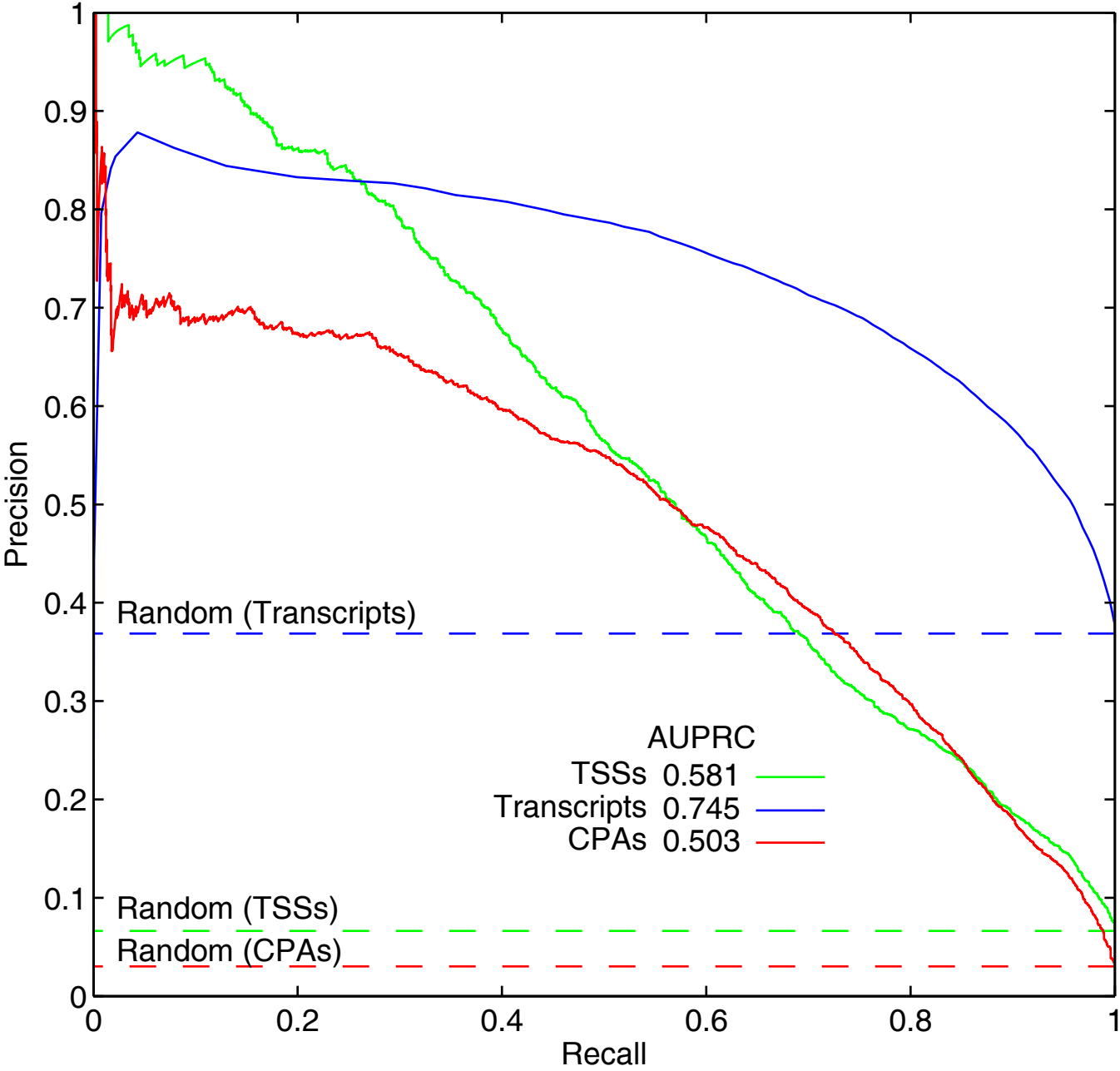
A



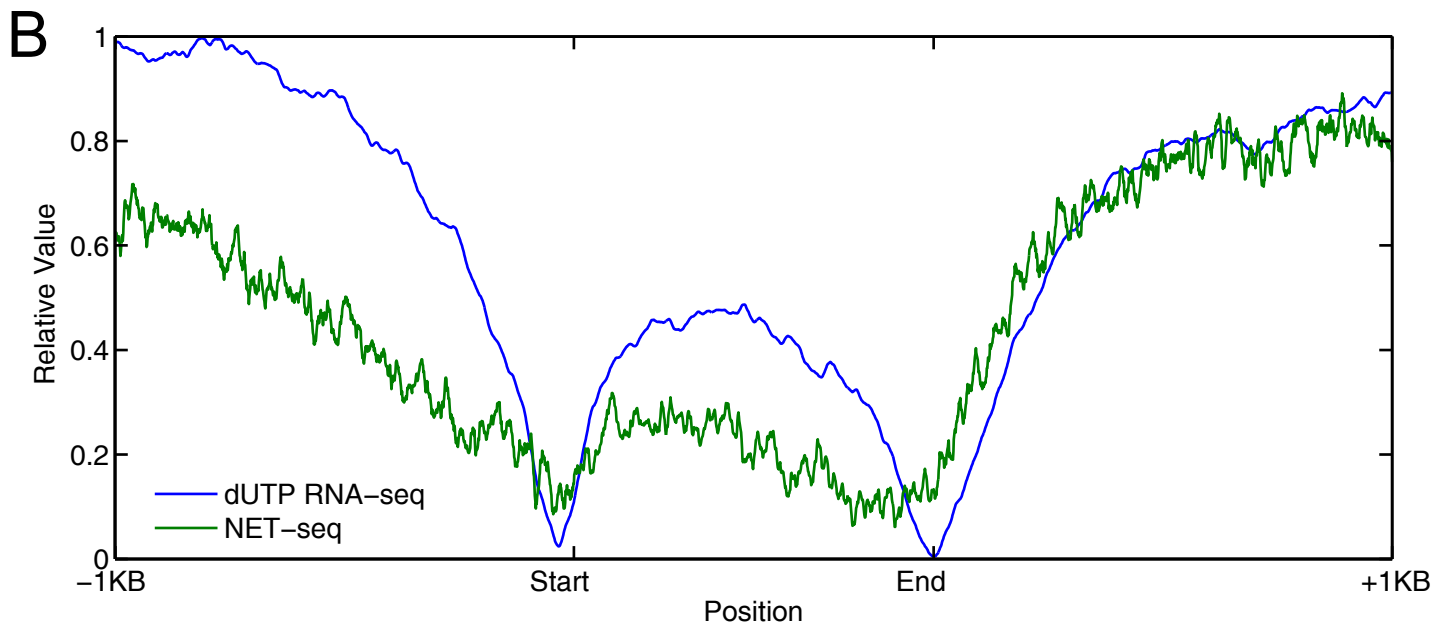
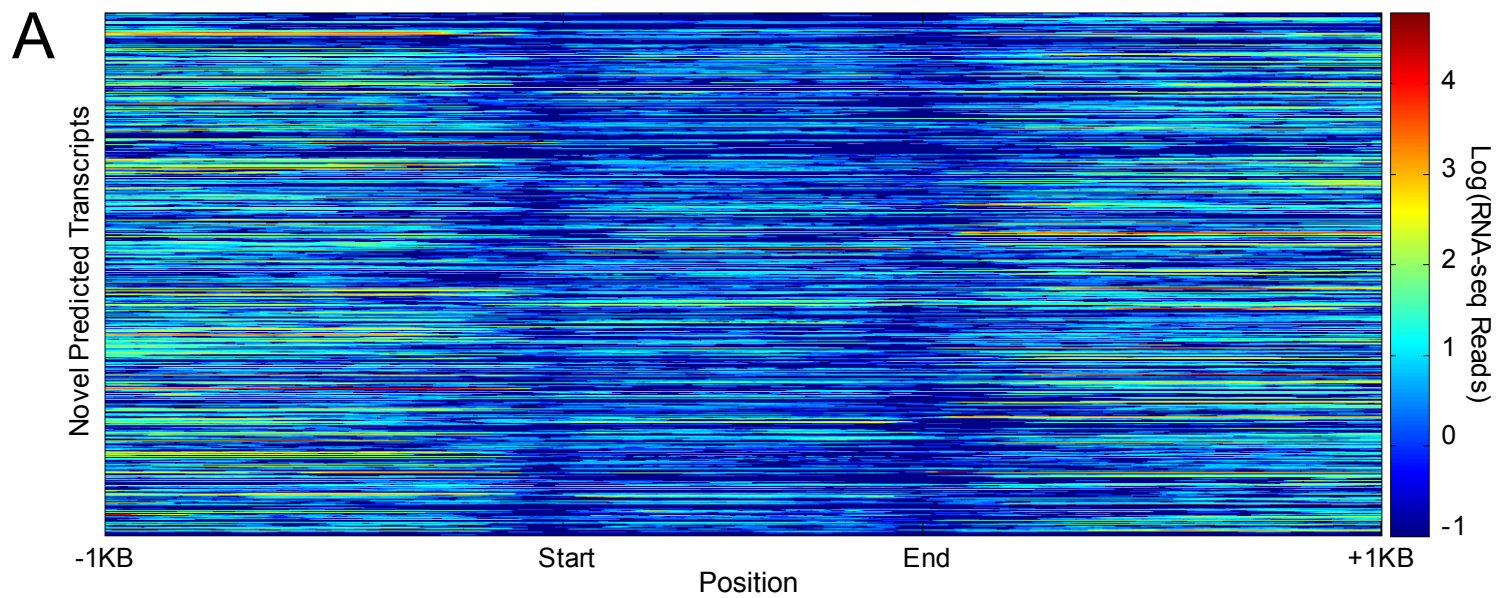
B



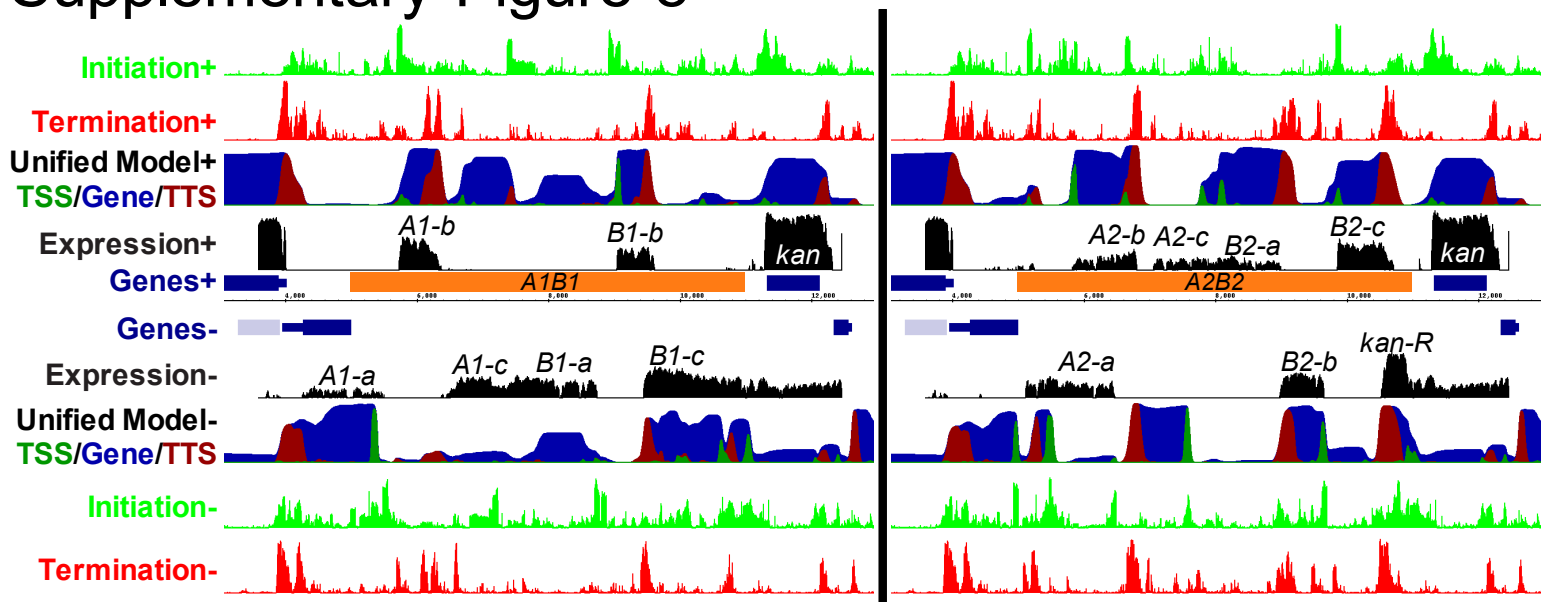
Supplementary Figure 6



Supplementary Figure 7



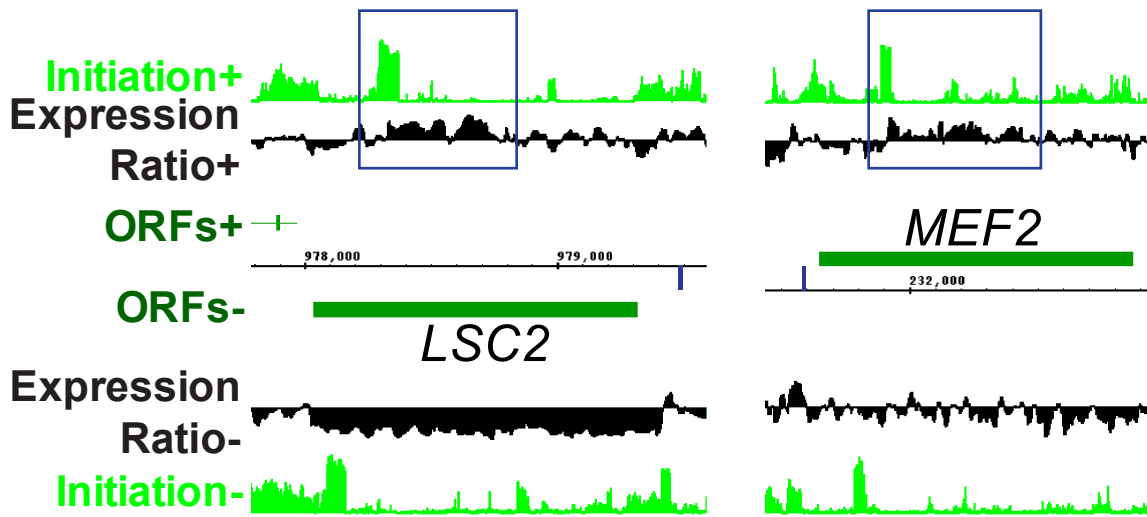
Supplementary Figure 8



Supplementary Figure 9

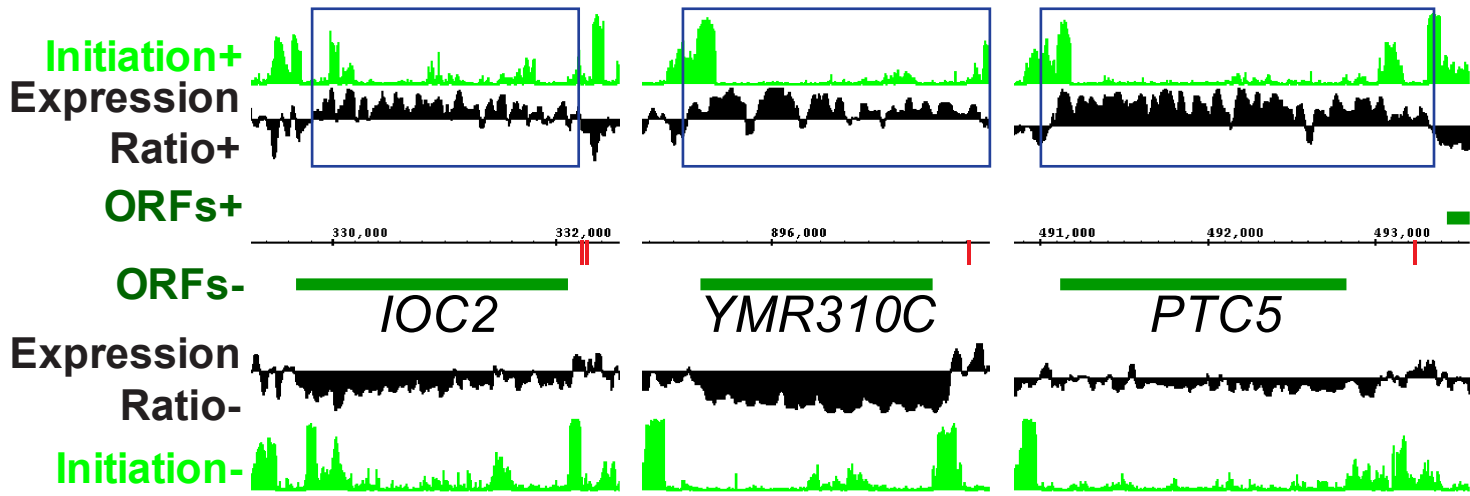
A

rsc3-1/WT



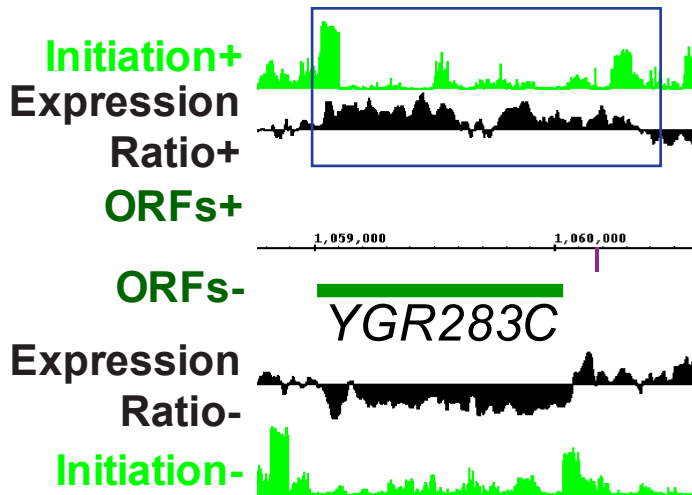
B

abf1-101/WT



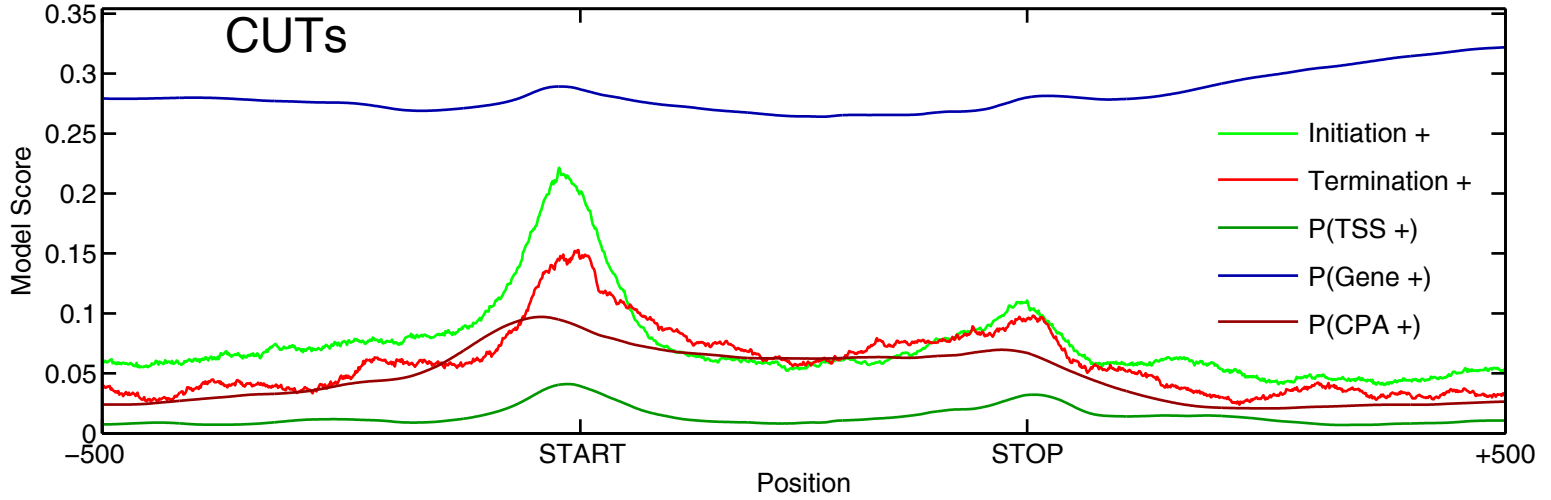
C

rap1-1/WT

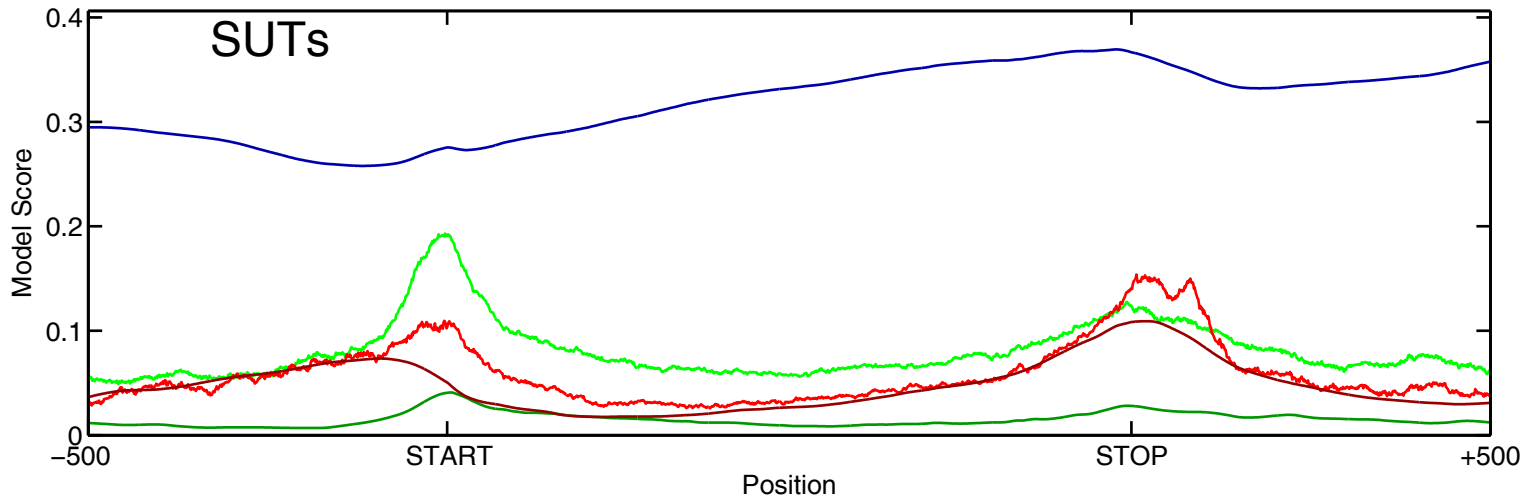


Supplementary Figure 10

A



B



C

