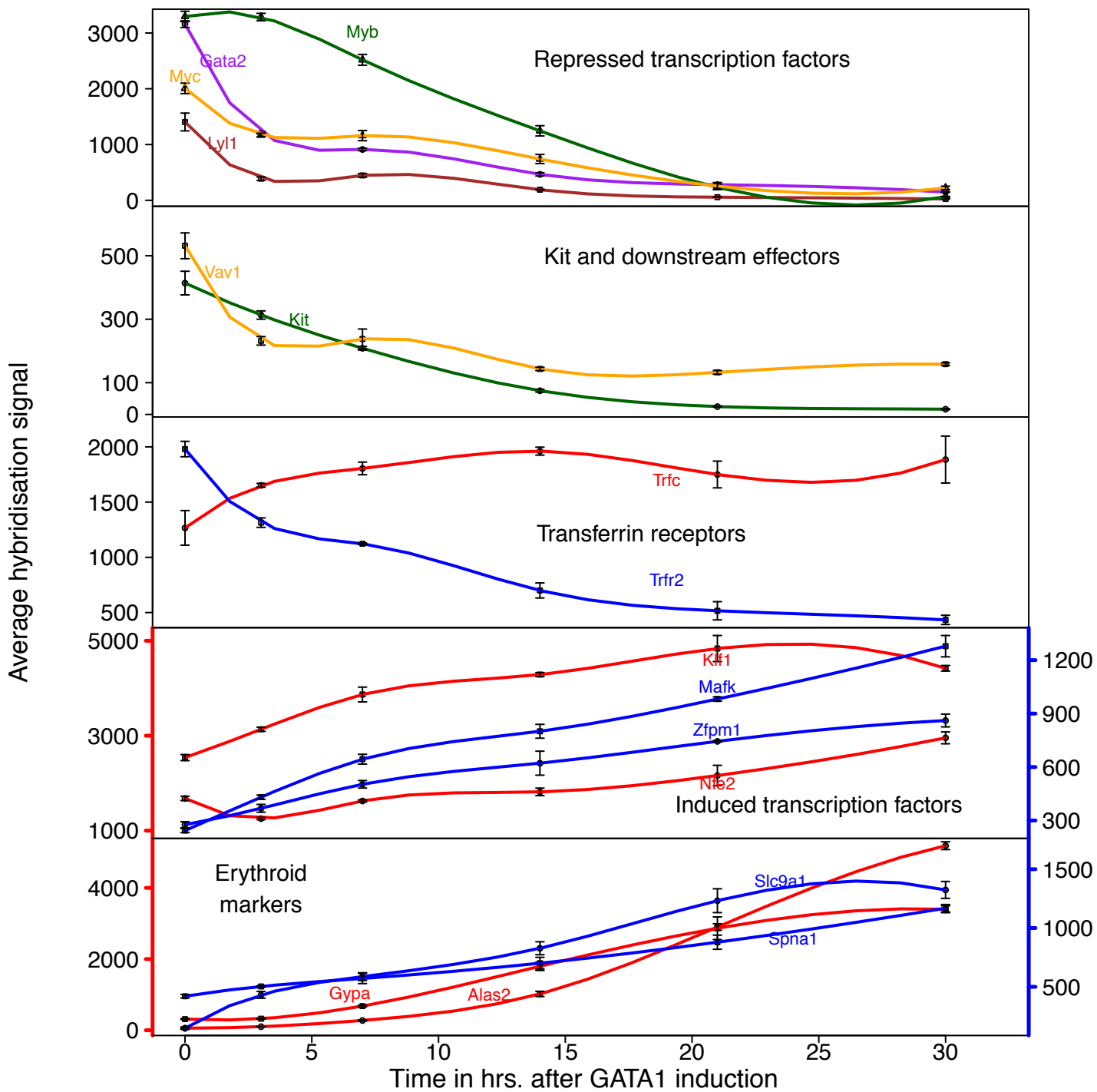
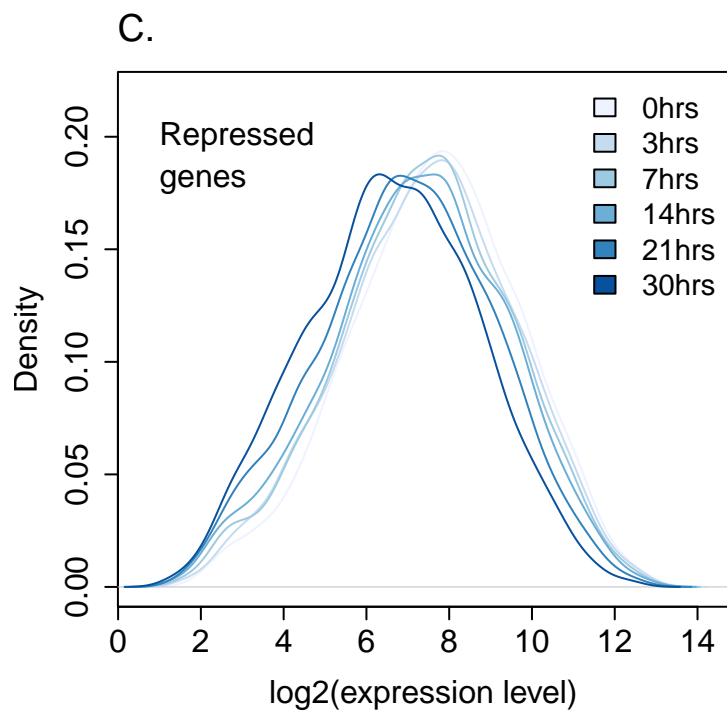
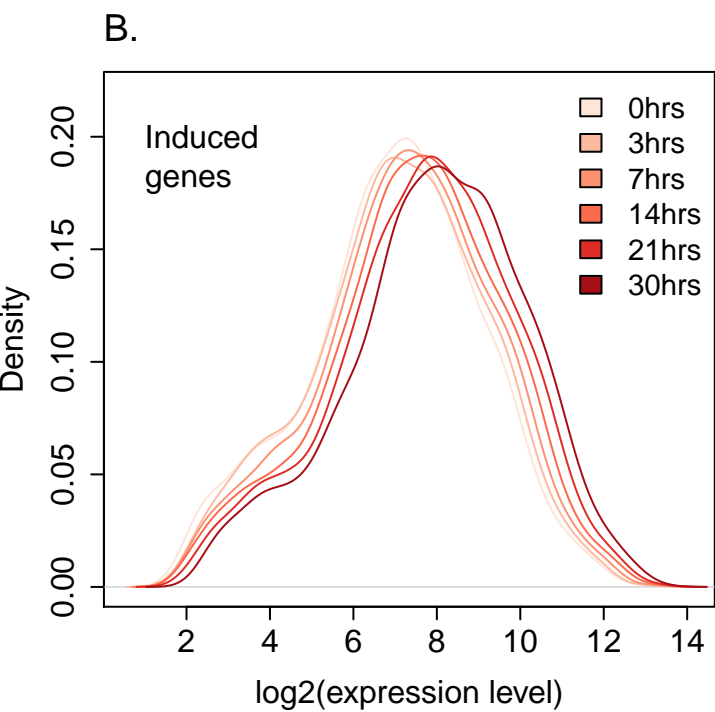
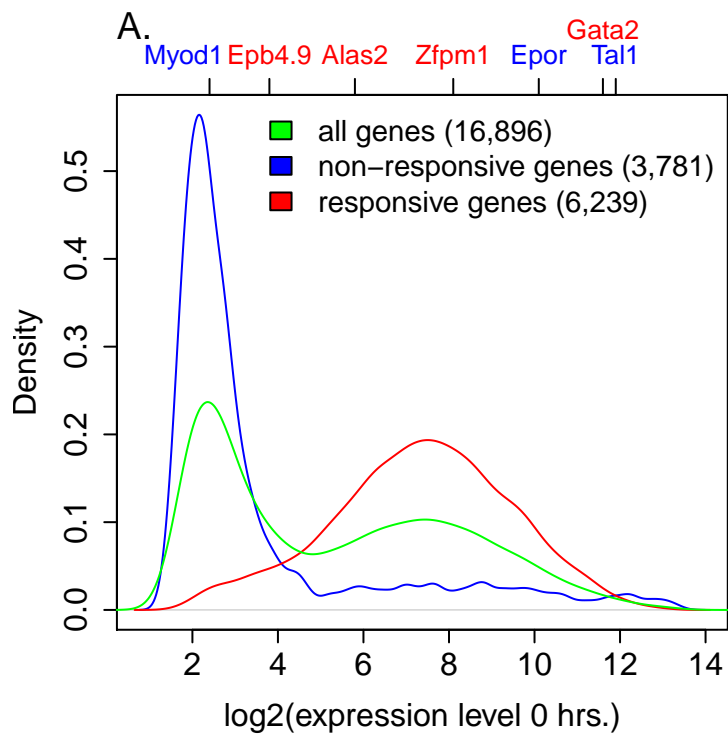


G1E-ER4 plus E2:

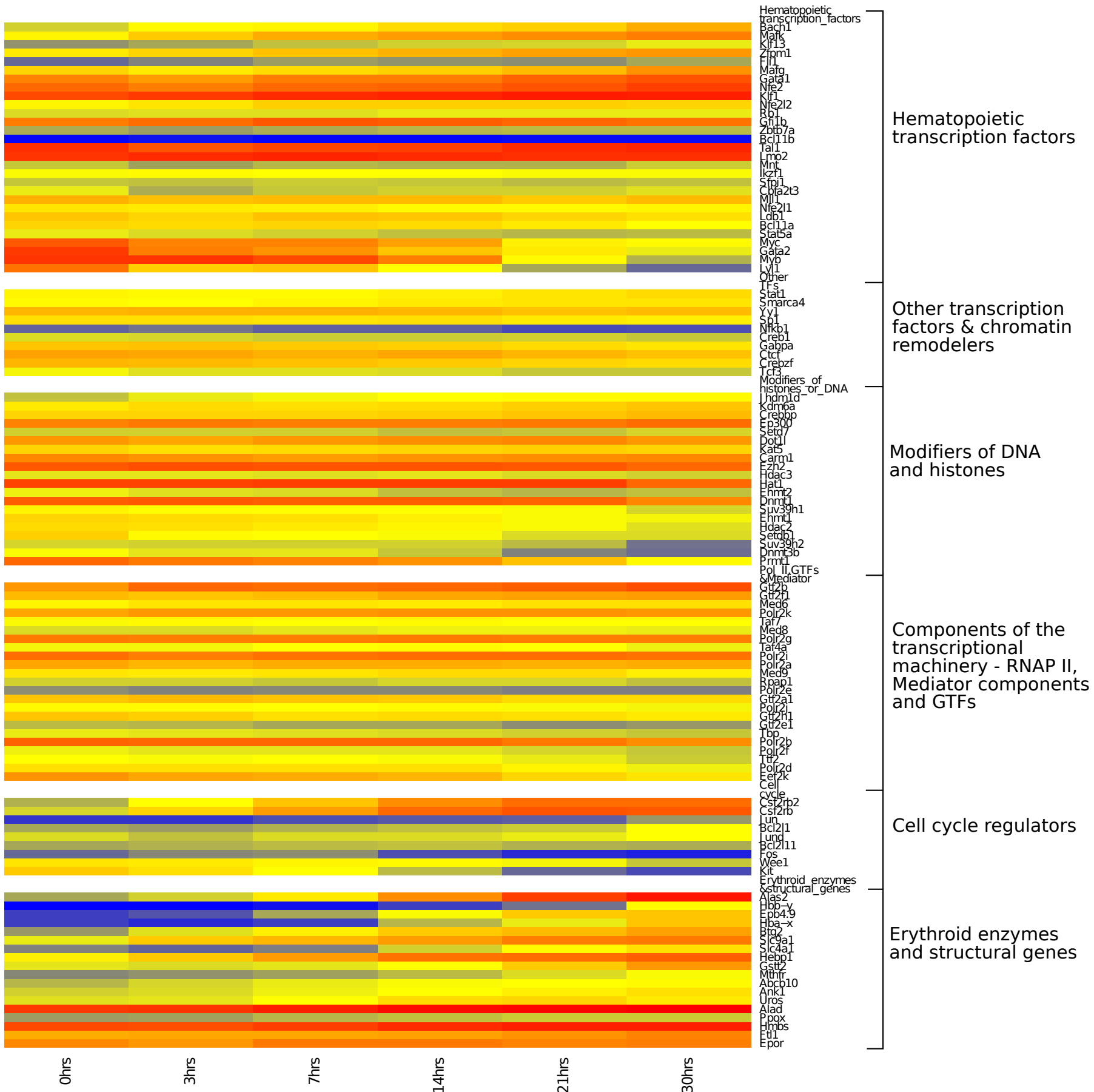




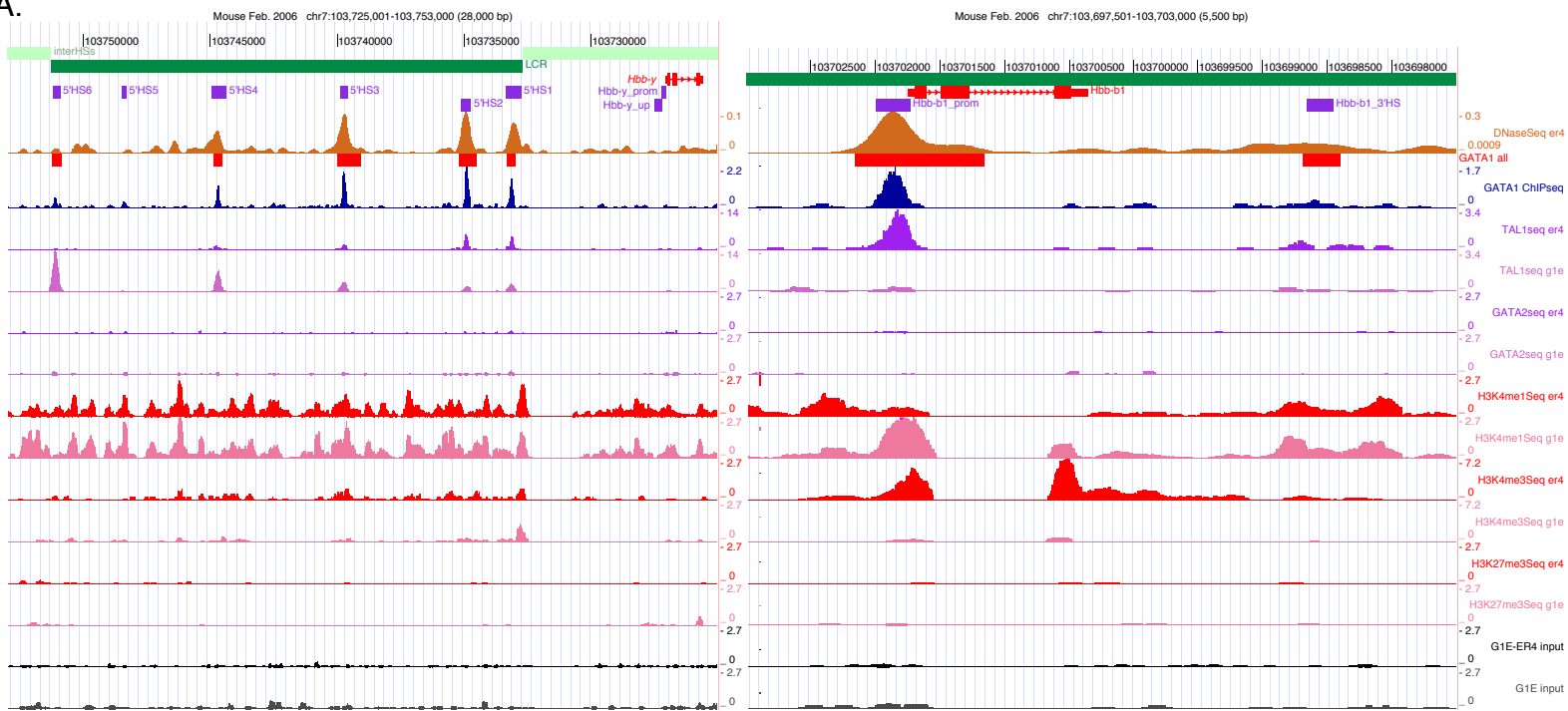
Color Key



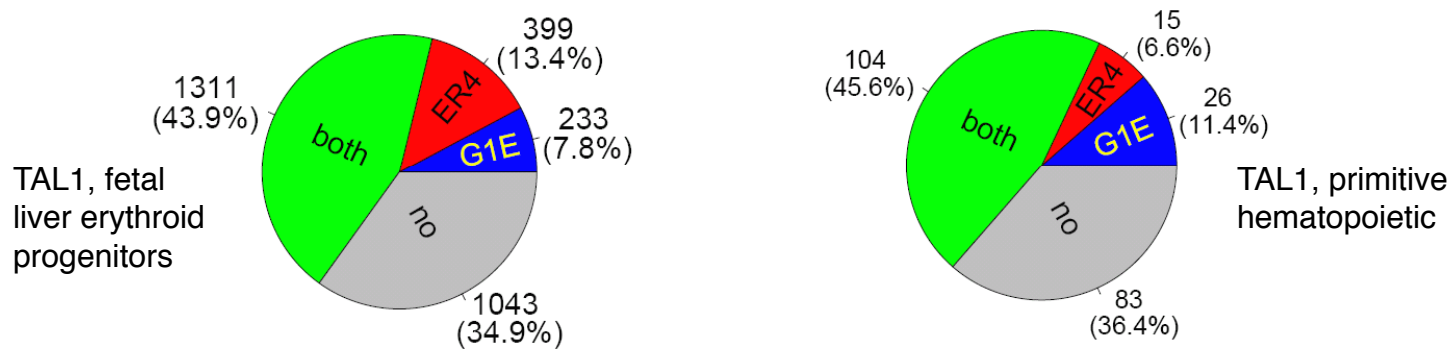
4 6 8 10 12
Value



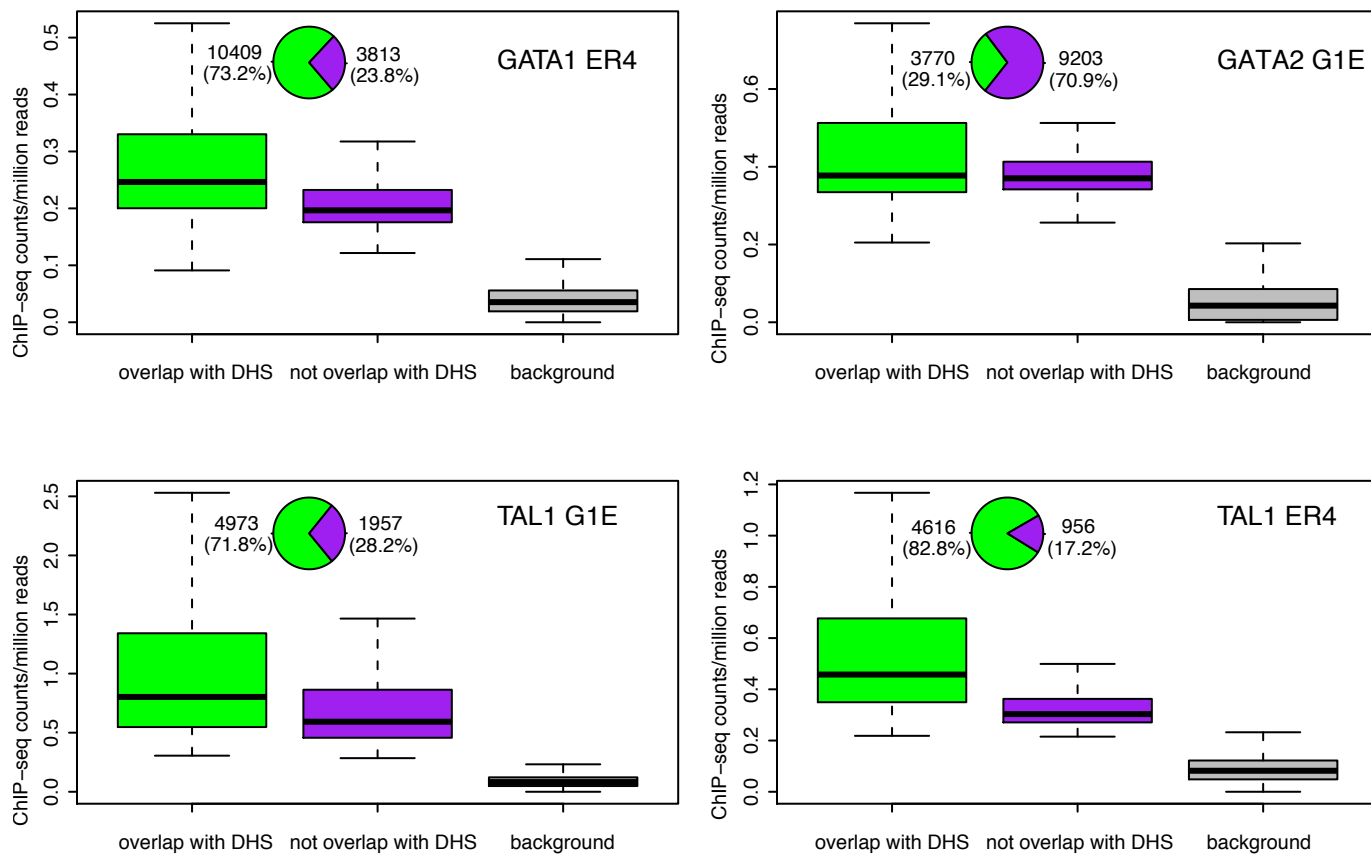
A.

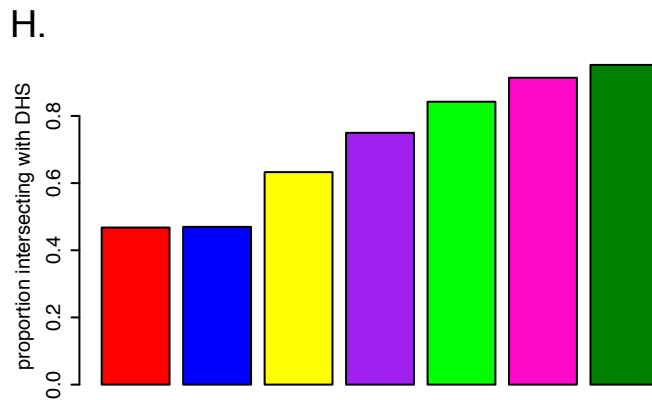
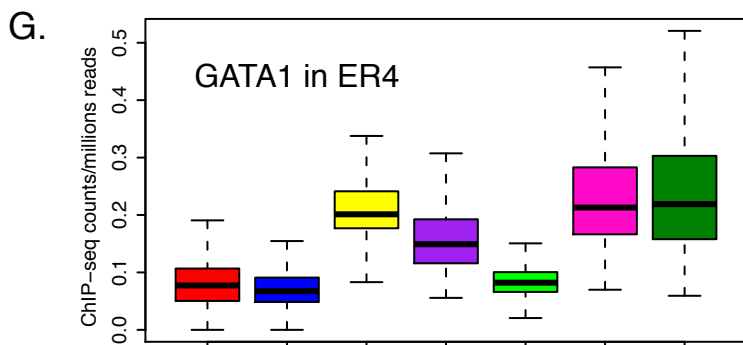
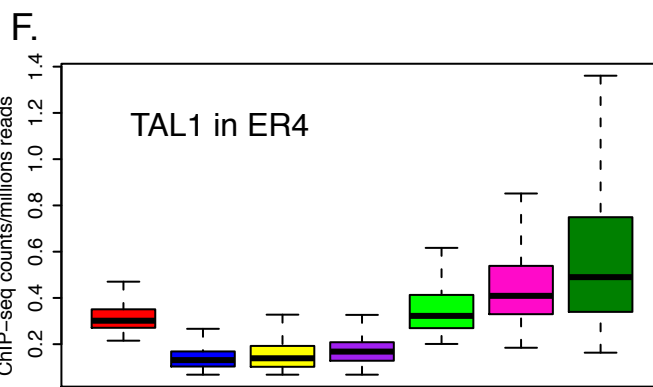
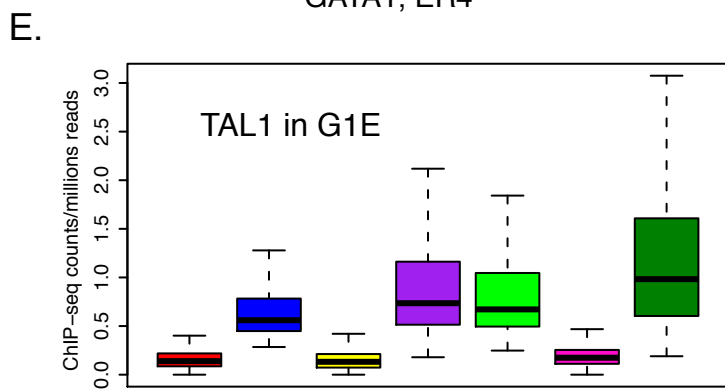
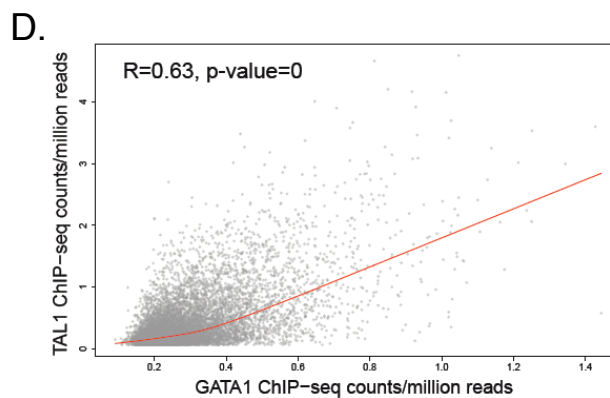
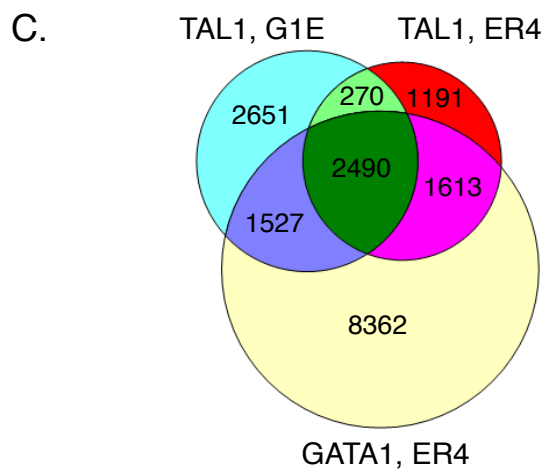
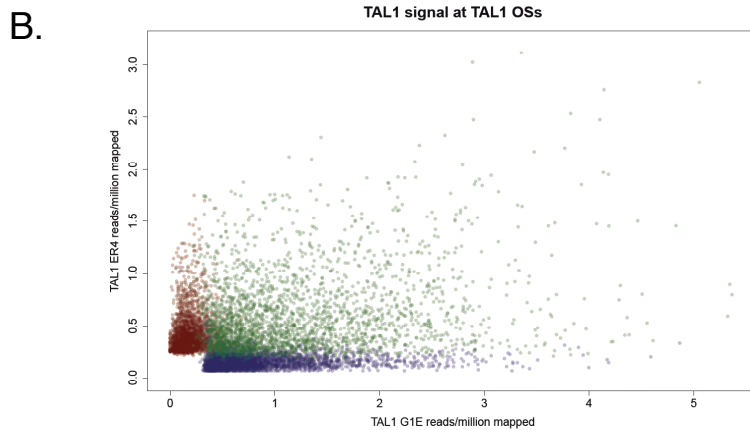
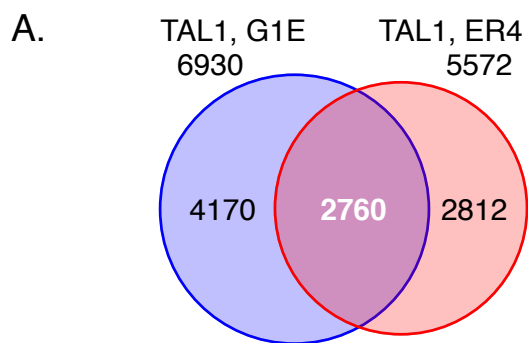


B.



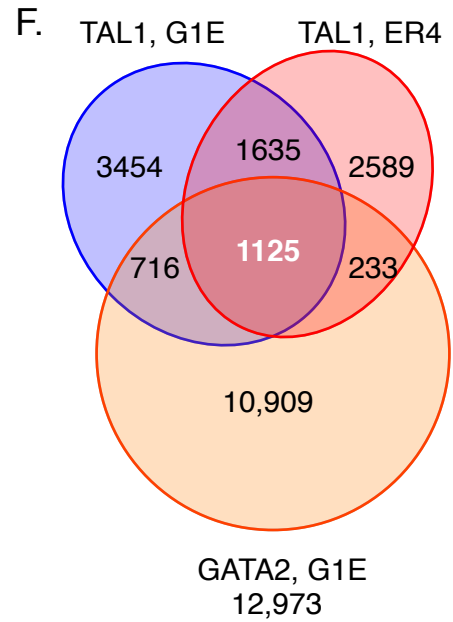
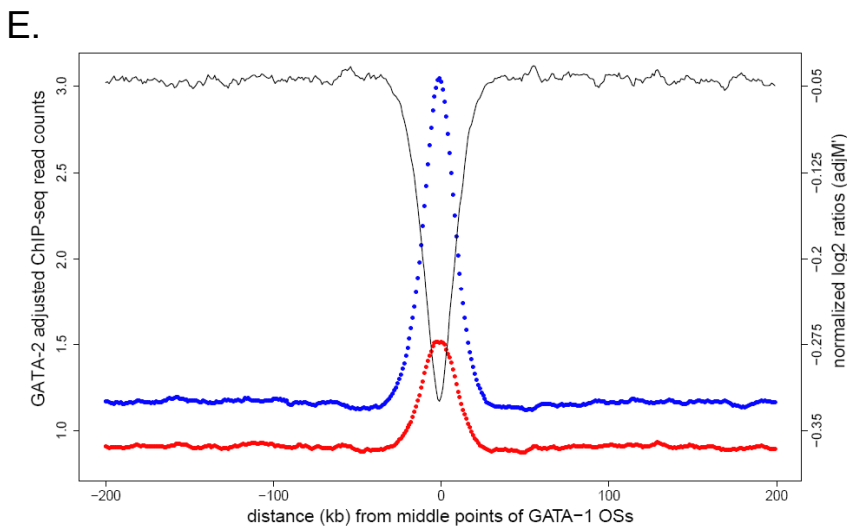
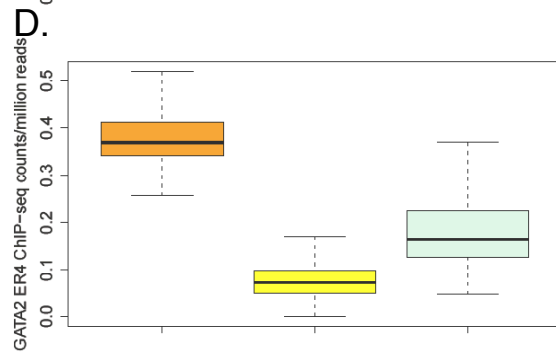
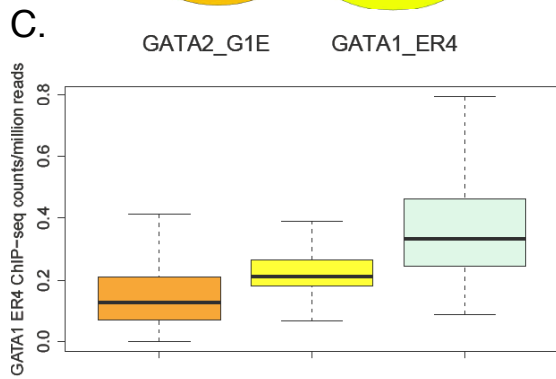
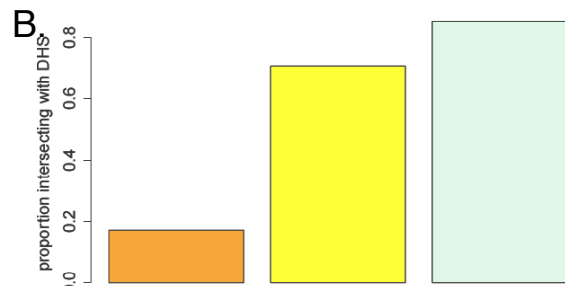
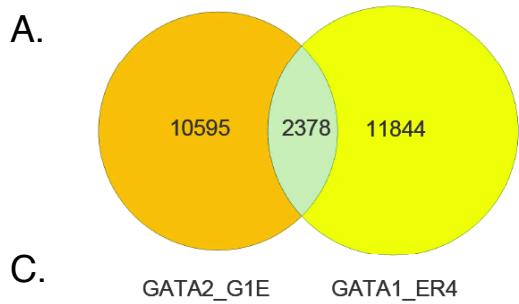
C.

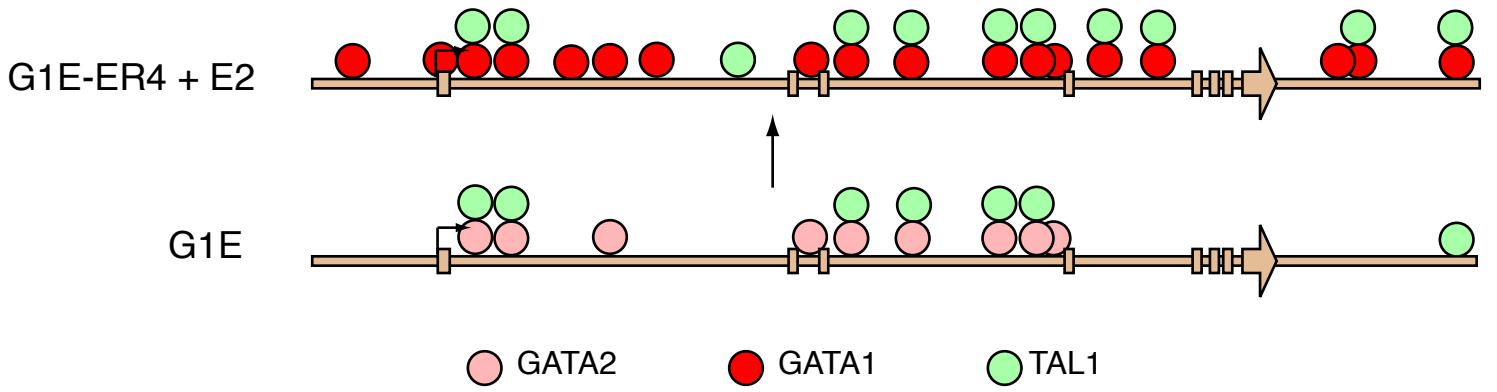
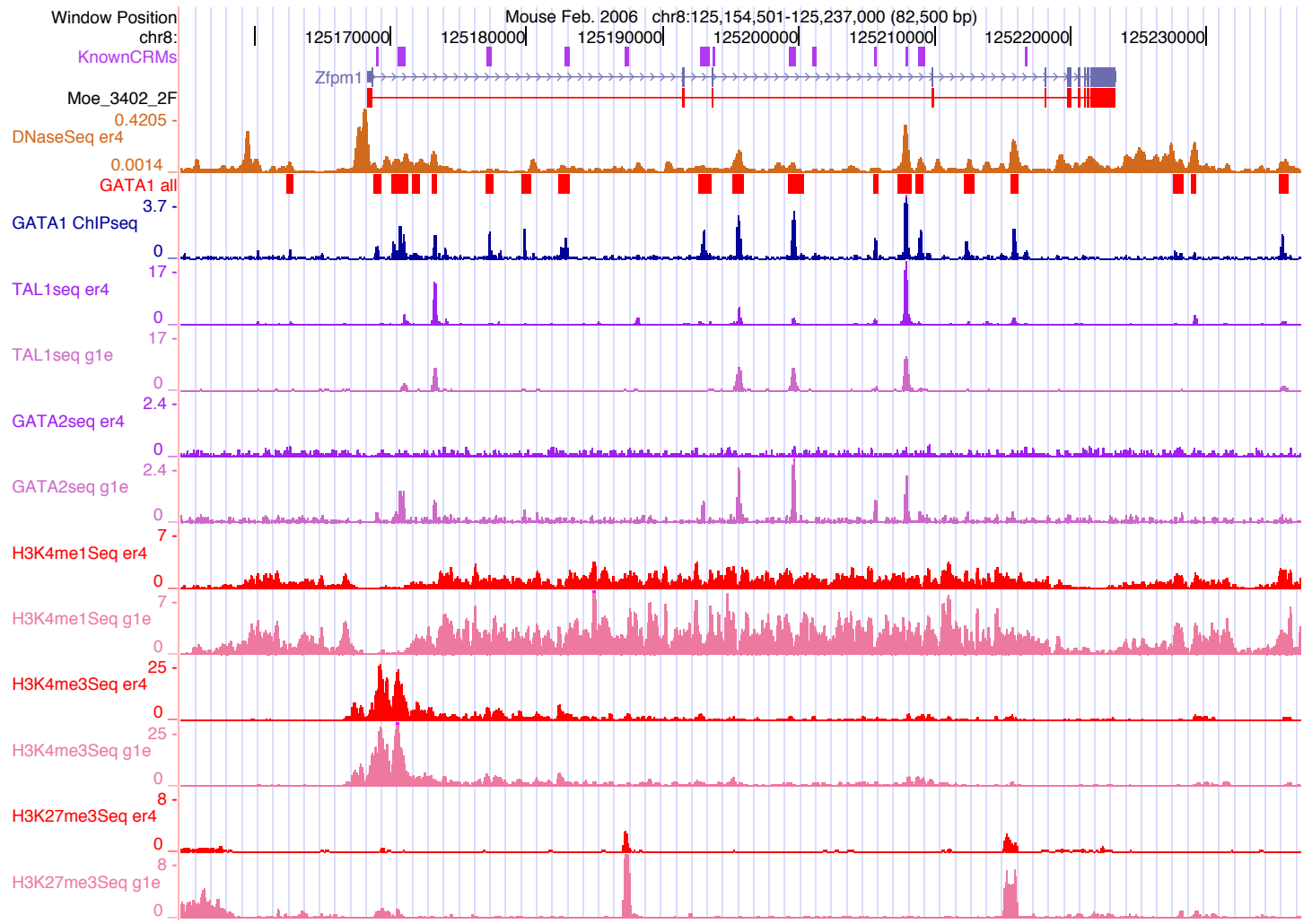




TAL1 in G1E	-	+	-	+	+	-	+
TAL1 in ER4	+	-	-	-	+	+	+
GATA1 in ER4	-	-	+	+	-	+	+

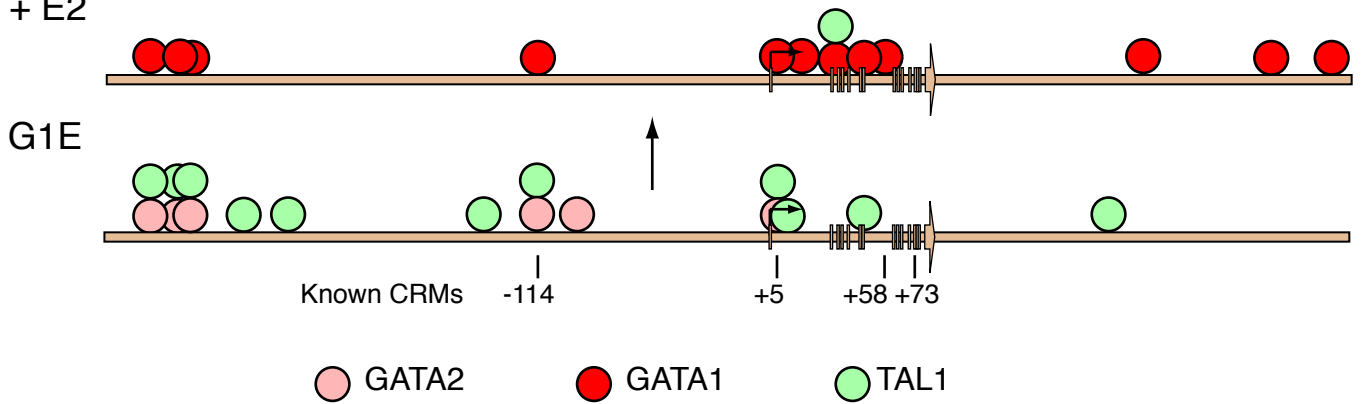
-	+	-	+	+	-	+
+	-	-	-	+	+	+
-	-	+	+	-	+	+







G1E-ER4 + E2

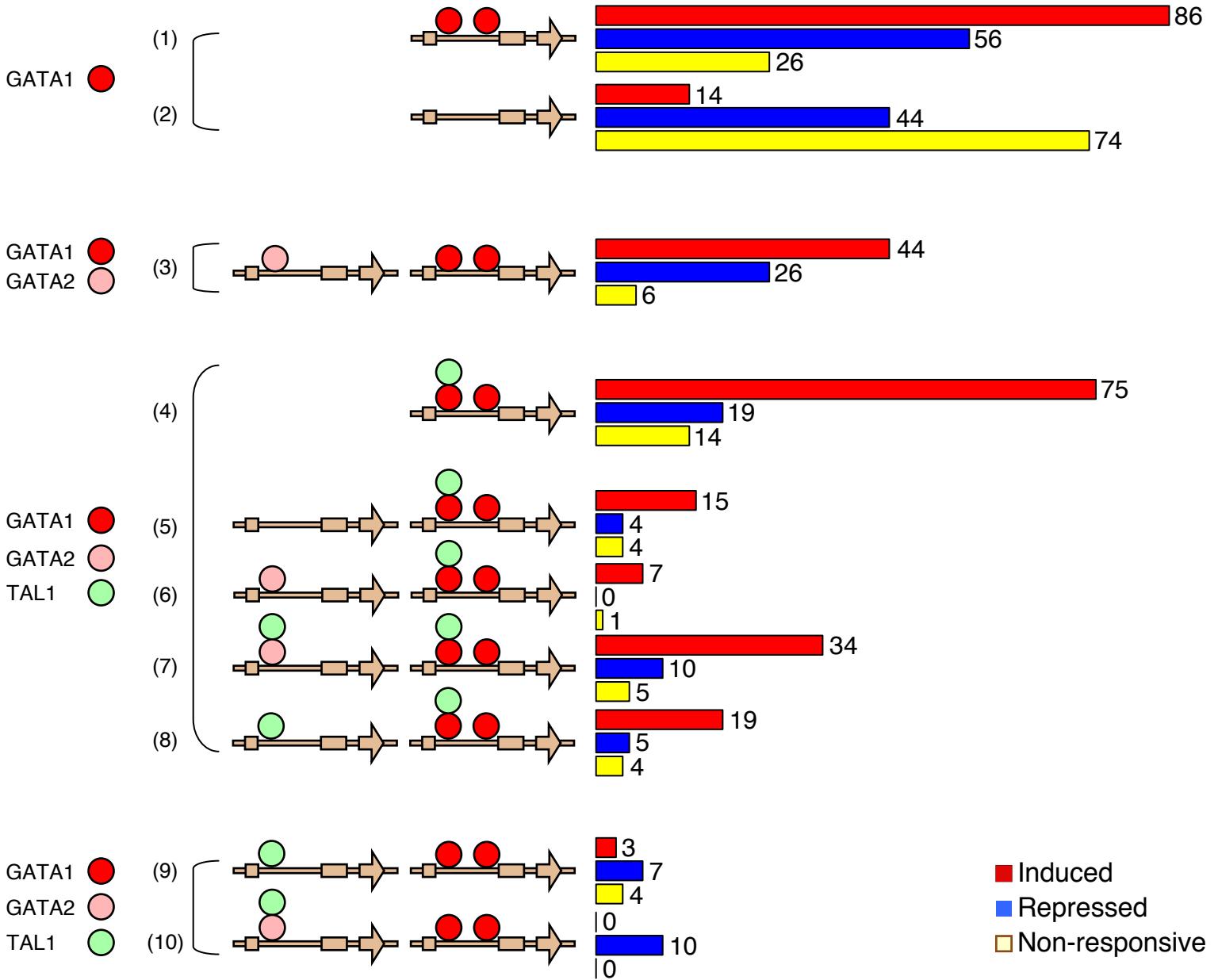
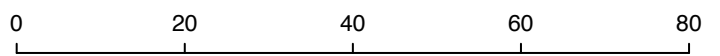


Top 100 genes

investigated TFs

G1E

G1E-ER4 + E2



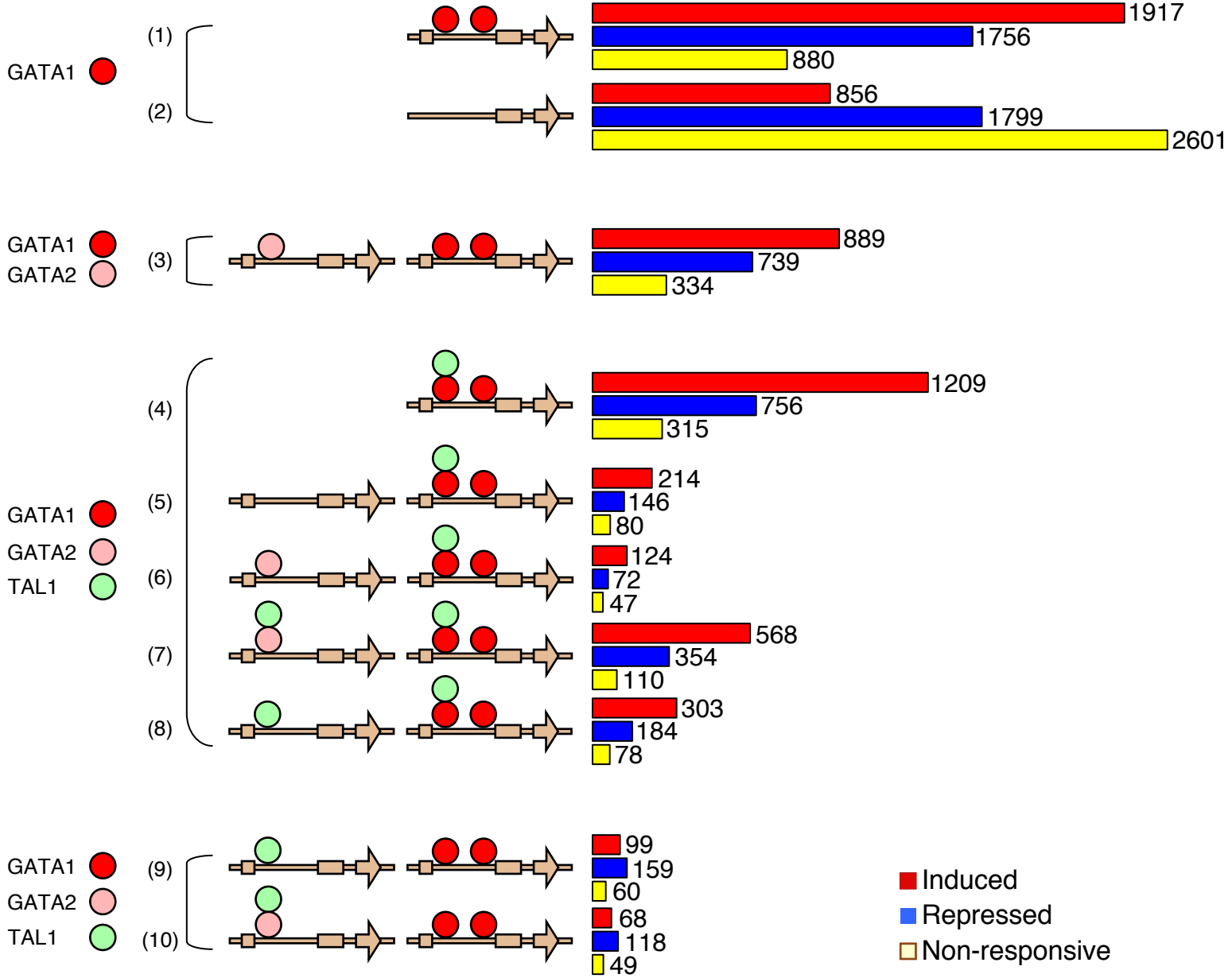
■ Induced
■ Repressed
■ Non-responsive

All genes

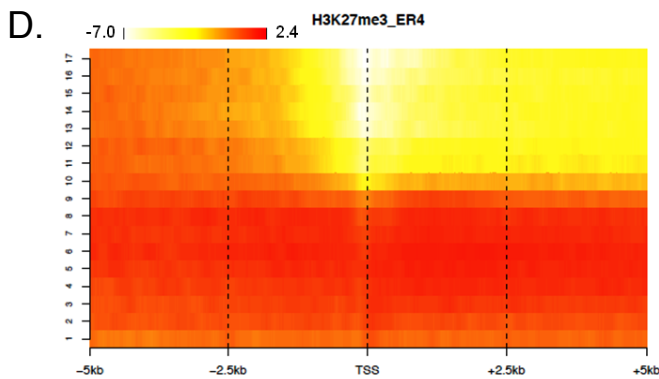
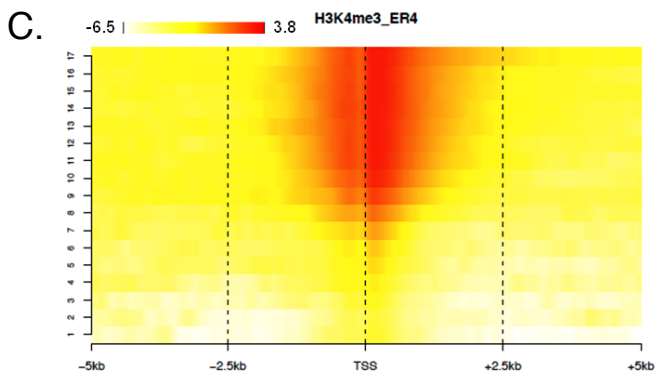
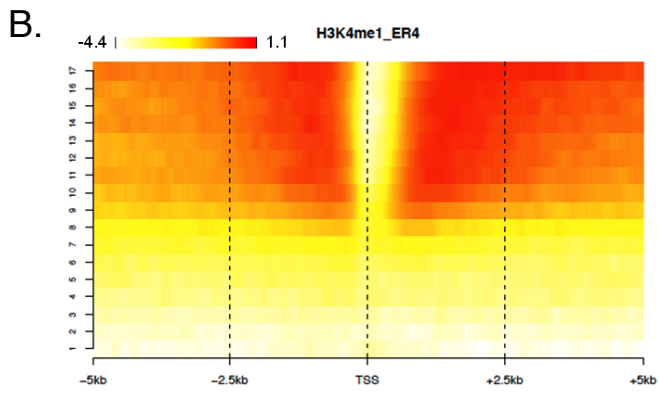
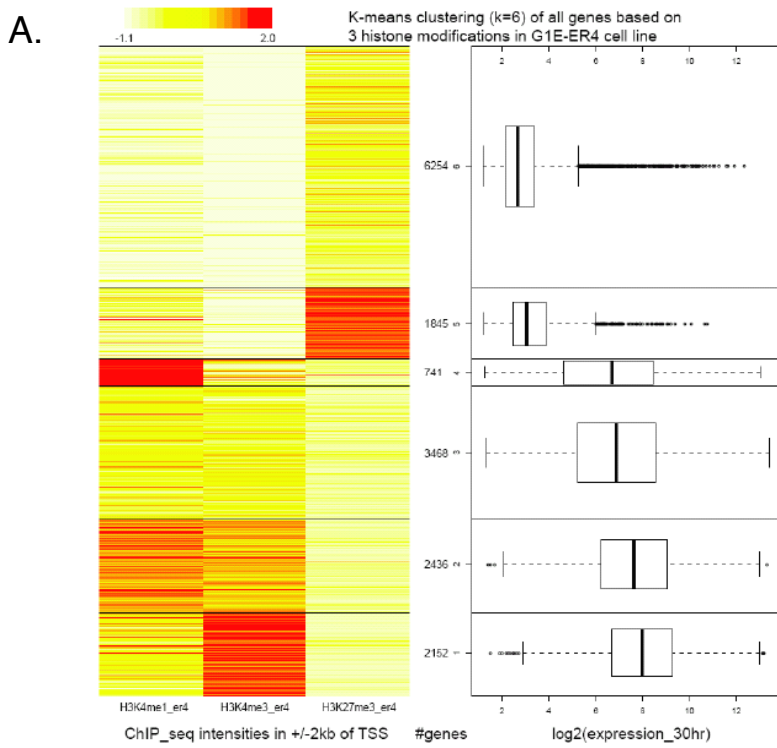
investigated TFs

G1E

G1E-ER4 + E2



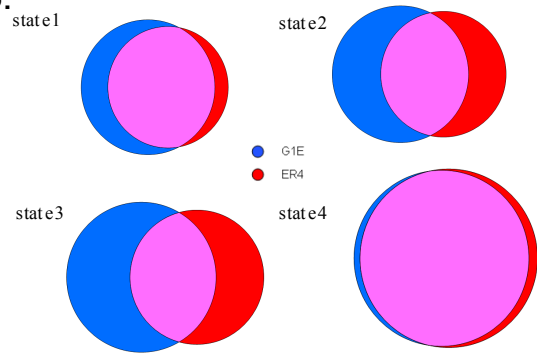
■ Induced
■ Repressed
■ Non-responsive



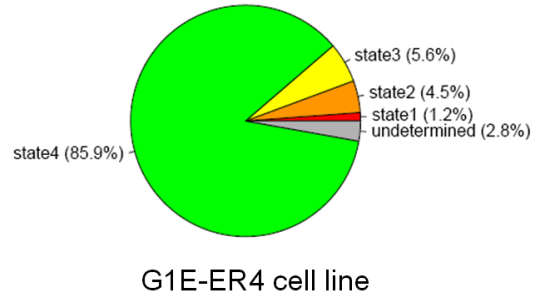
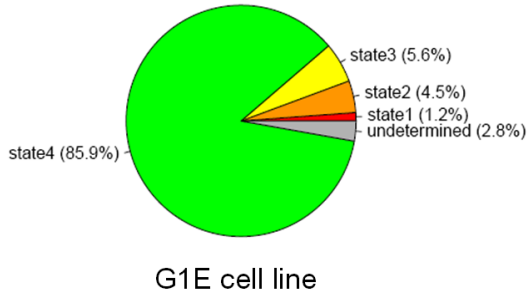
A.

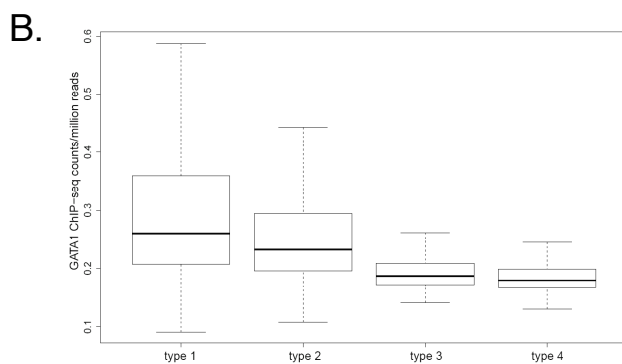
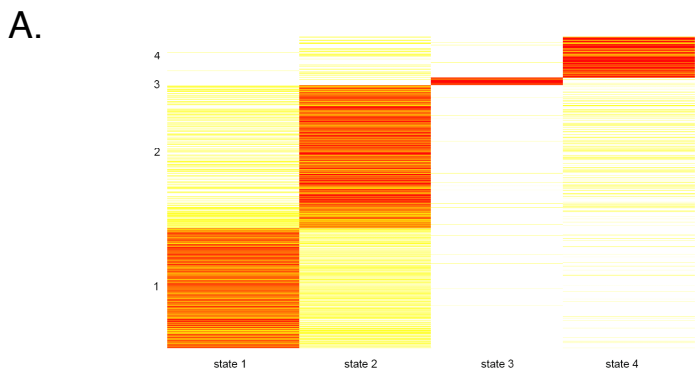
	Input	H3K27me3	H3K4me1	H3K4me3
1	0.52	3.97	54.63	96.18
2	0.08	1.52	59.65	0.82
3	0.15	26.67	3.13	0.12
4	0.01	0.26	0.15	0.01

B.



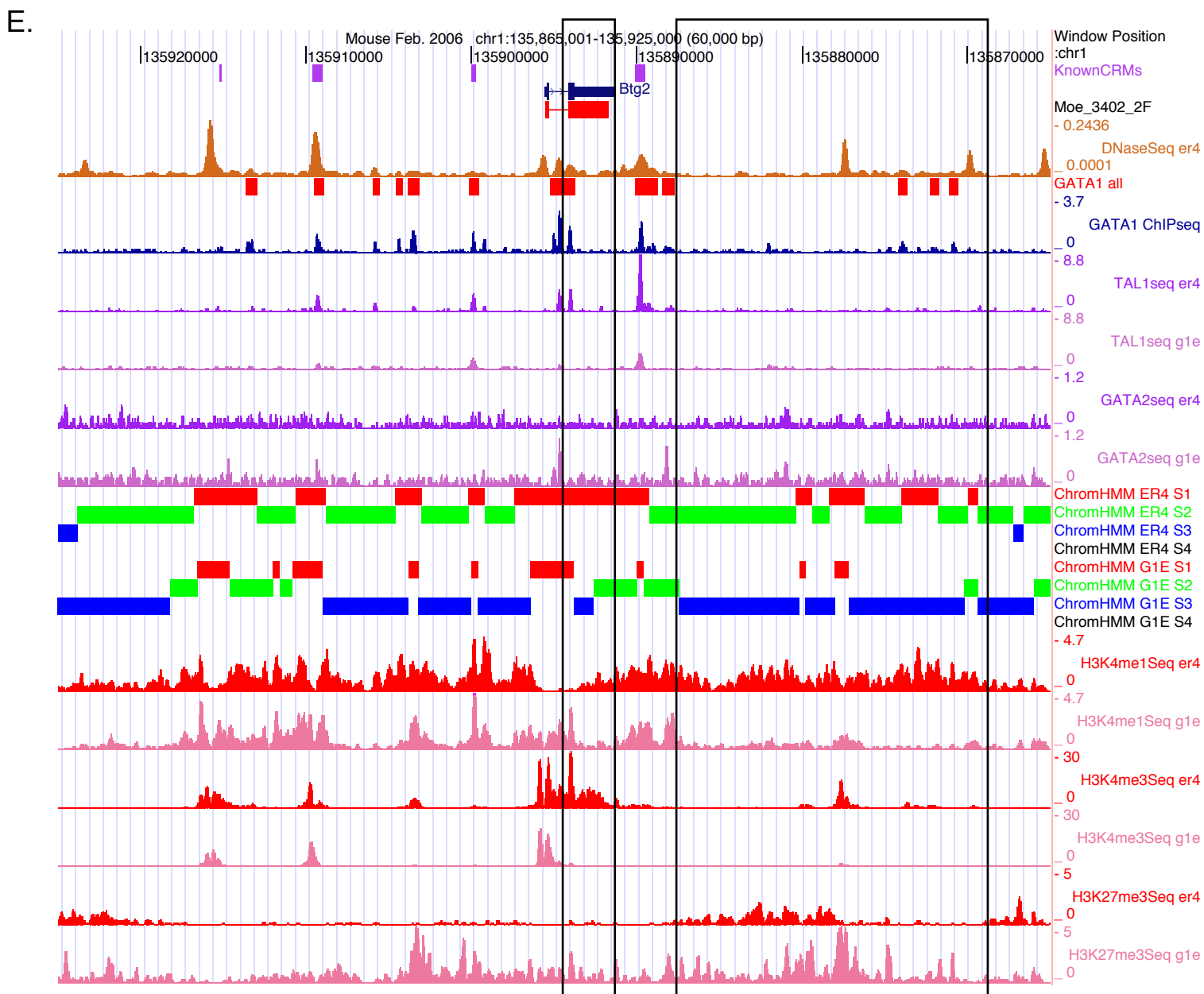
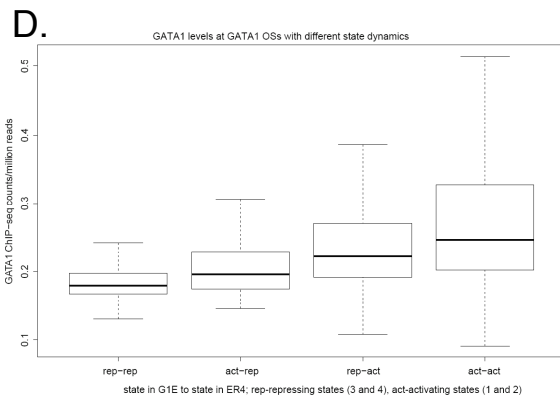
C.





C.

Number GATA1 OSs		Chromatin state in G1E-ER4 + E1				sum=238
		1	2	3	4	
Chromatin state in G1E	1	4479	1247	6	11	
	2	858	4264	23	198	
	3	70	327	218	230	
	4	75	690	93	1433	
		sum=1162				



state1 state2 state3 state4

