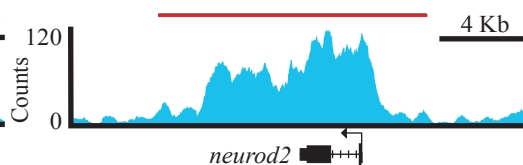
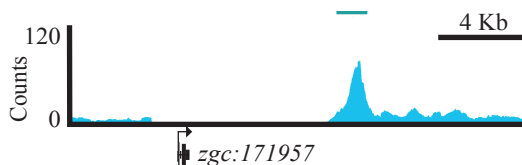
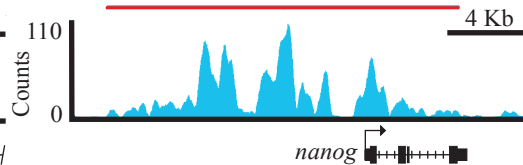
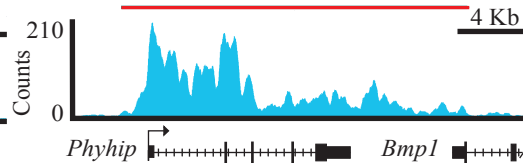
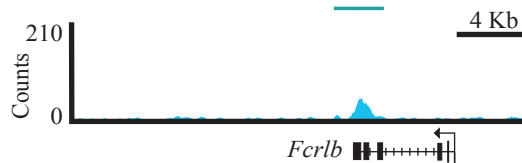


**A**

Summary of identified enhancers

	Number of typical- enhancers	Number of super- enhancers	Median size typical- enhancers (nt)	Median size super- enhancers (nt)
<b>Zebrafish</b>				
Adult brain	14,173	501	2,999	51,599
Dome-stage	7,141	522	4,599	34,299
<b>Mouse</b>				
Cerebellum	14,719	1,024	4,199	48,199
ESCs	20,330	1,198	4,199	39,699
Forebrain	23,587	1,377	5,399	89,199
Olfactory bulb	19,312	1,115	3,799	49,199
<b>Human</b>				
Angular gyrus	9,640	719	1,287	32,642
Anterior caudate	15,011	907	2,215	42,883
Cingulate gyrus	14,339	1,005	2,710	46,800
ESCs	25,223	1,427	2,799	30,399
Hippocampus middle	12,885	908	3,360	45,286
Inferior temporal lobe	15,834	1,067	2,838	45,566
Mid-frontal lobe	5,120	357	481	24,122

**B****Typical-Enhancer****Super-Enhancer**Zebrafish  
(Adult Brain)Zebrafish  
(Dome-Stage)Mouse  
(Cerebellum)Human  
(ESCs)