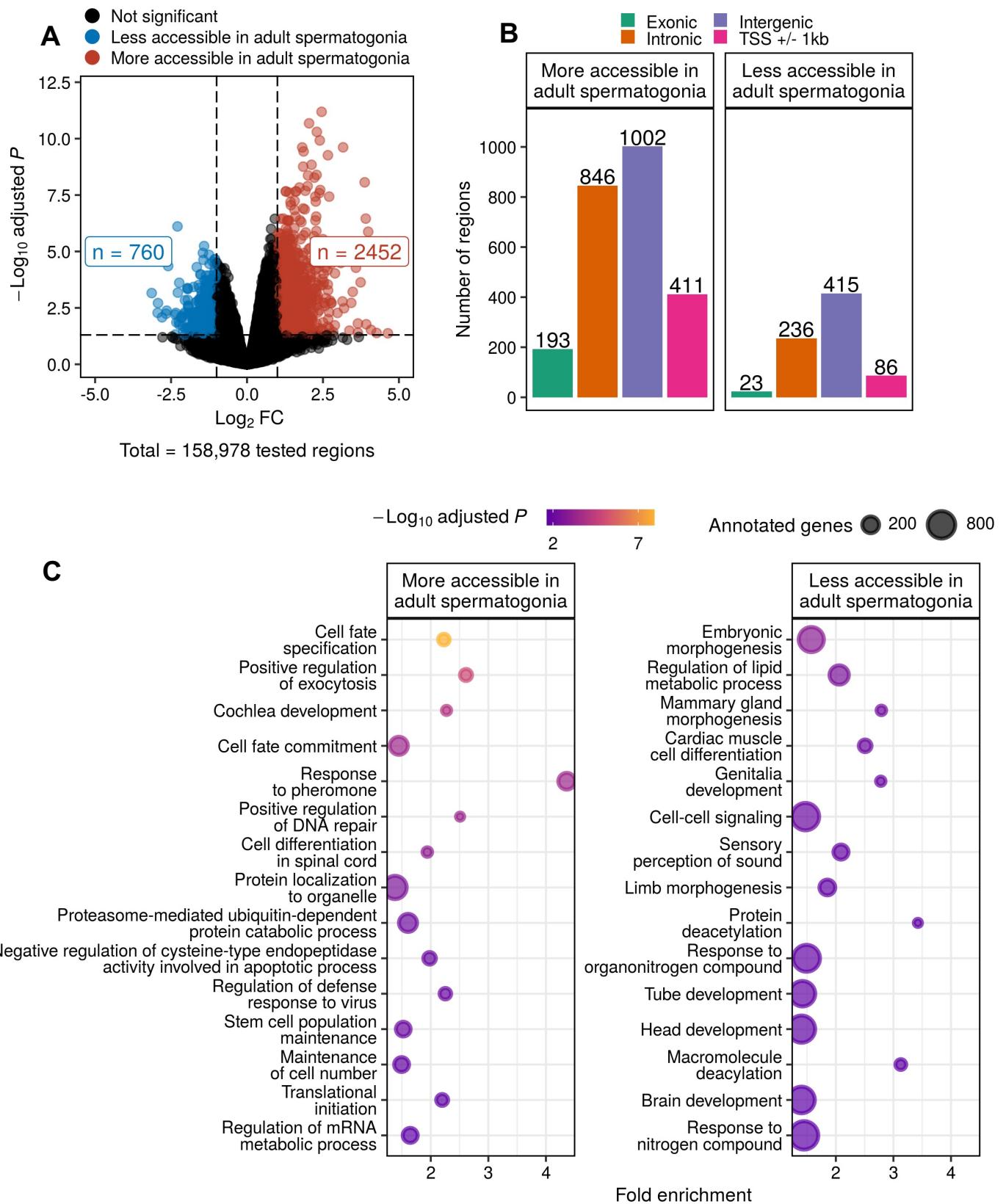
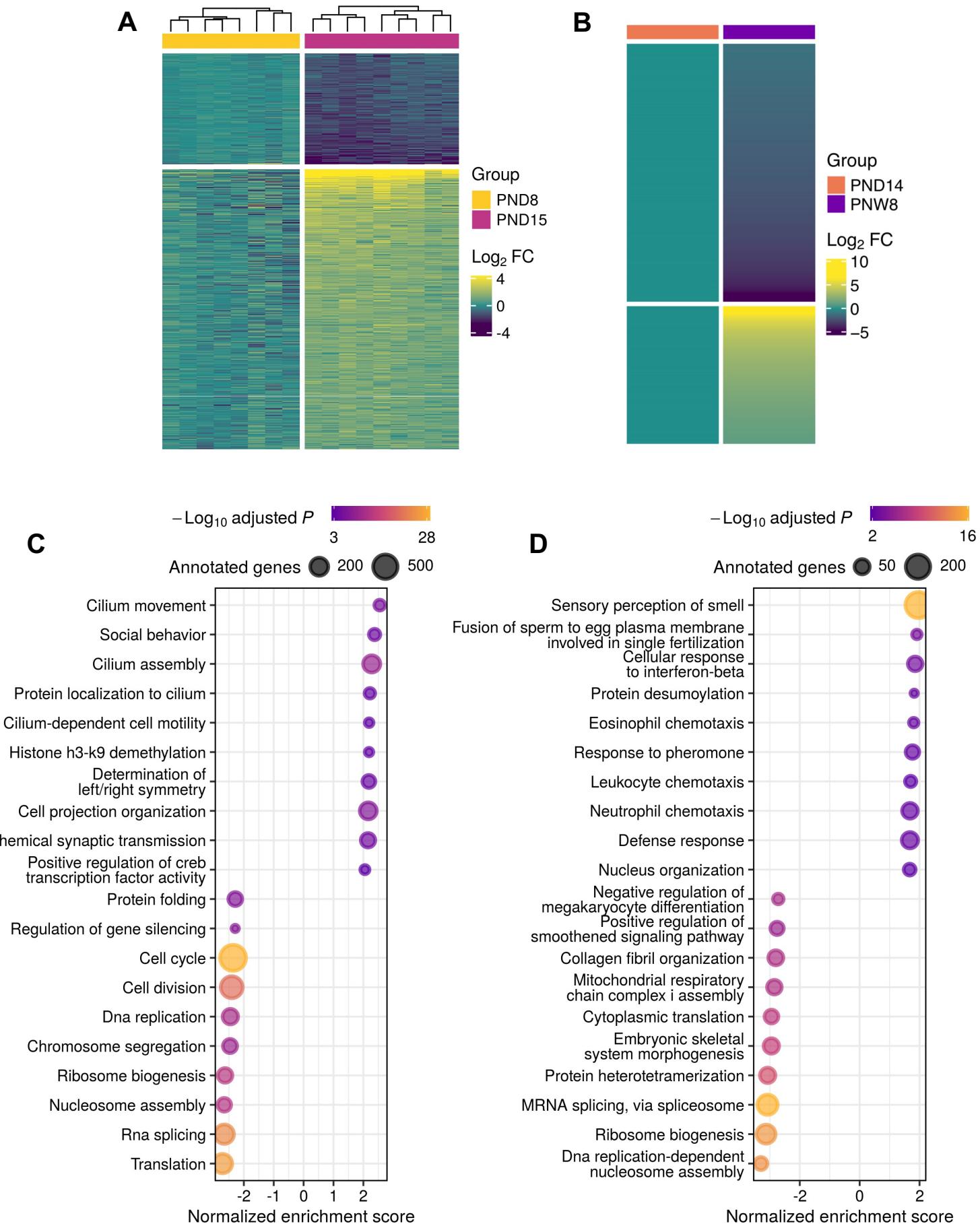


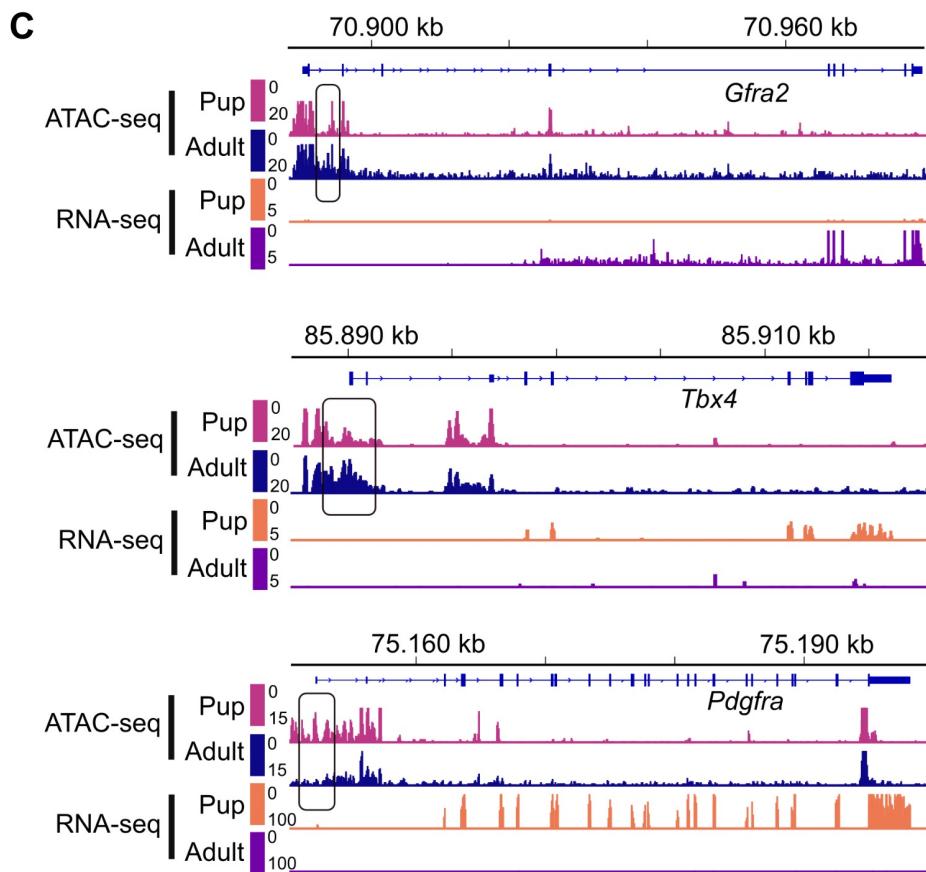
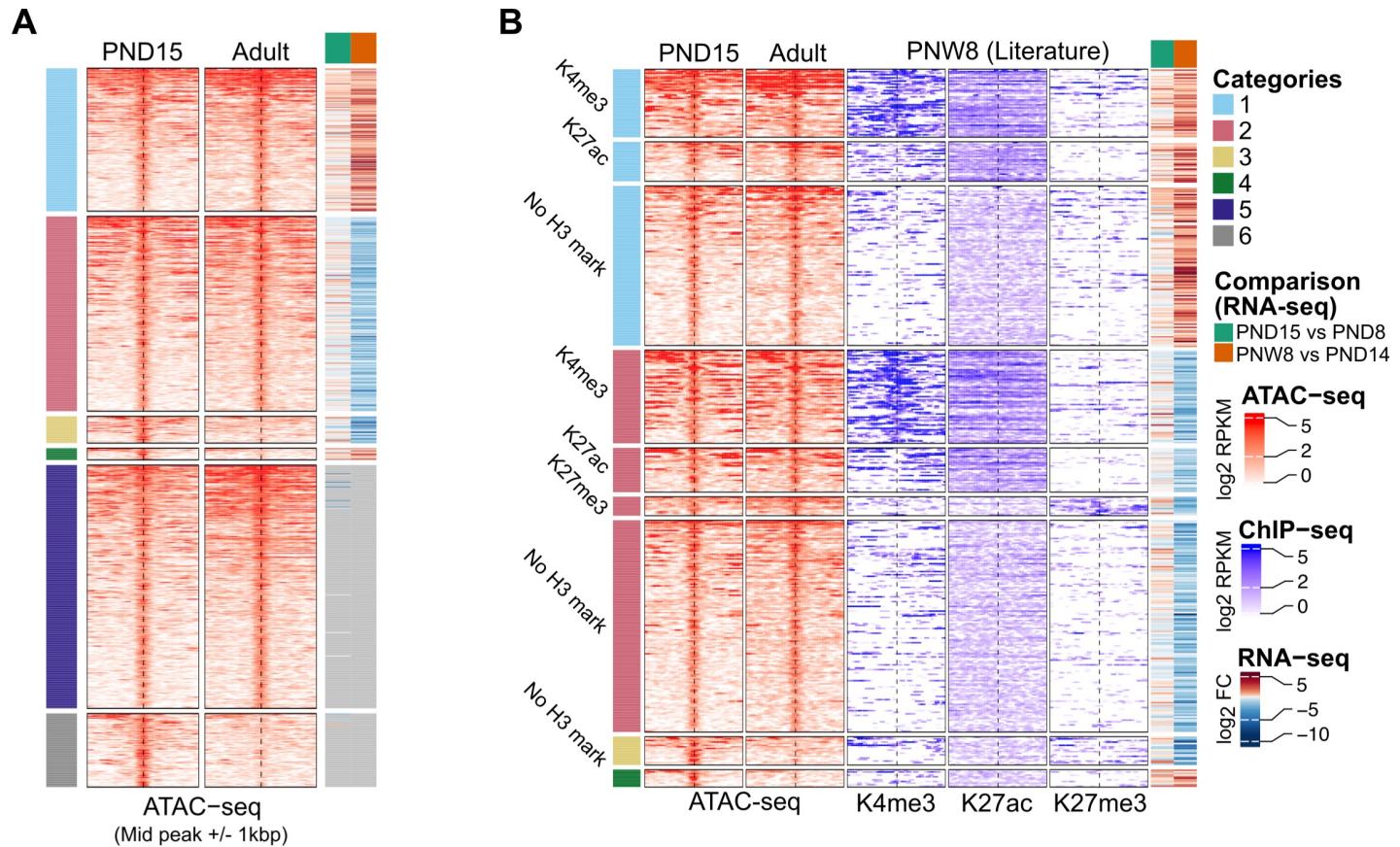
# Figure 1



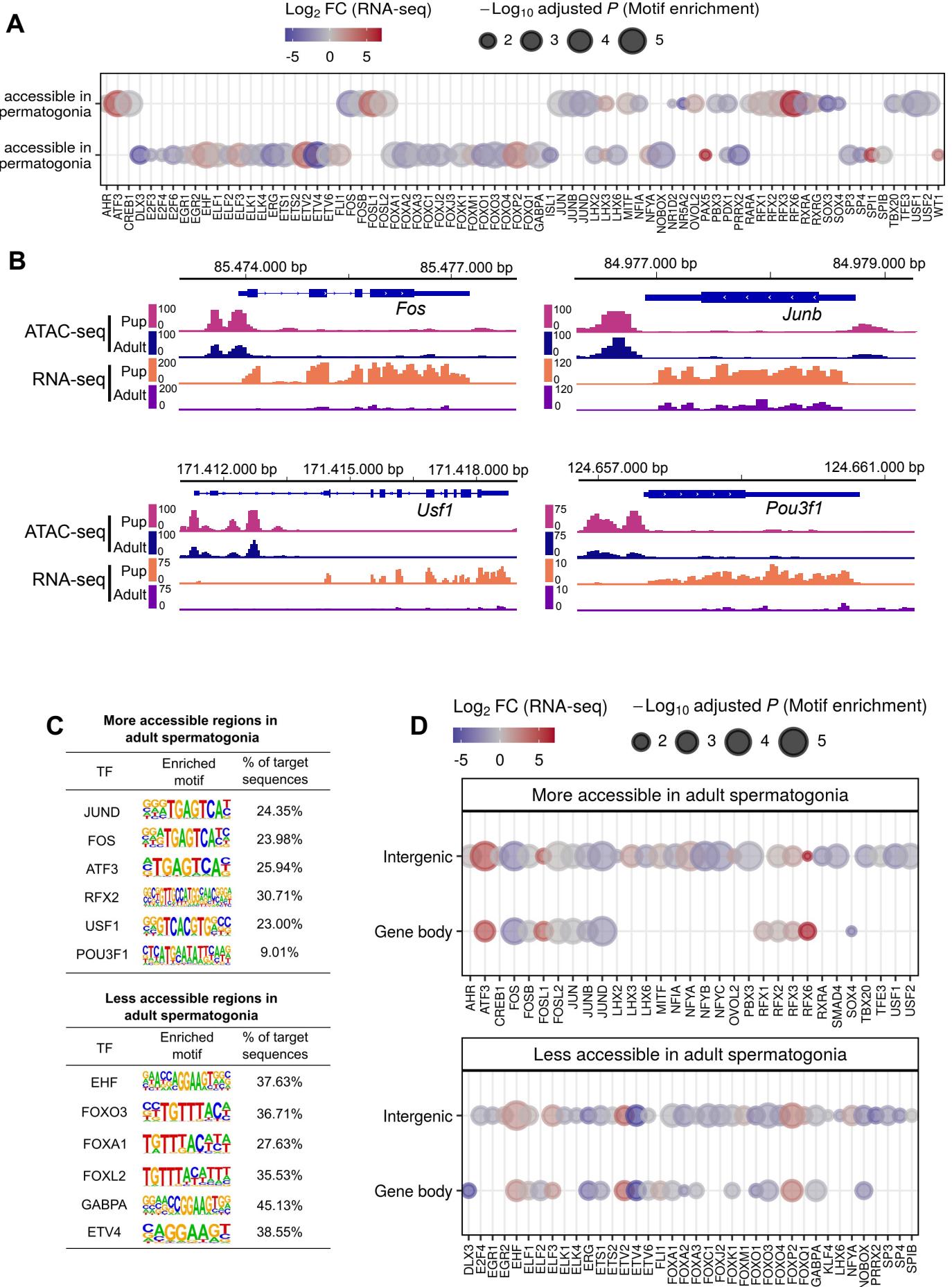
**Figure 2**



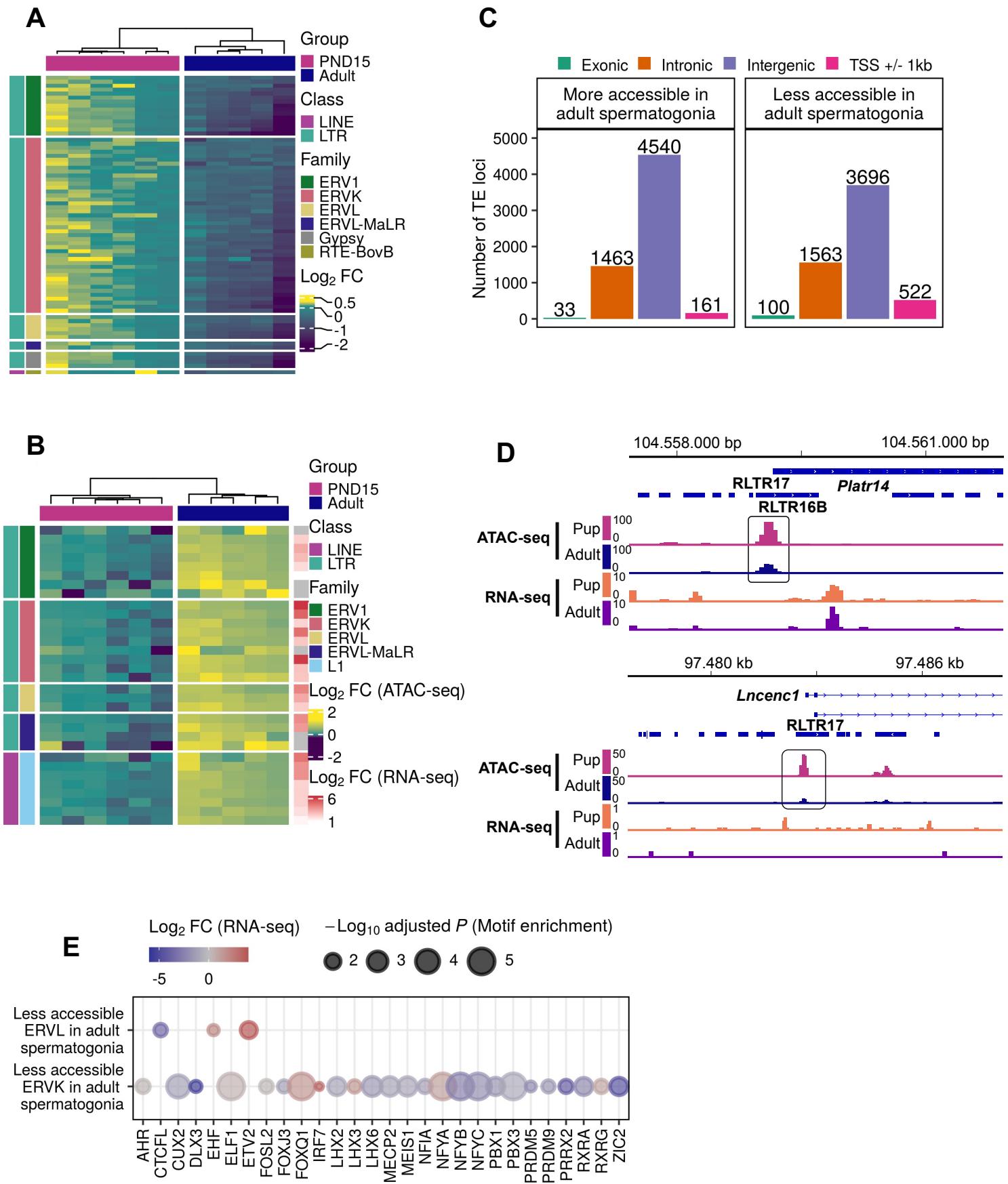
# Figure 3



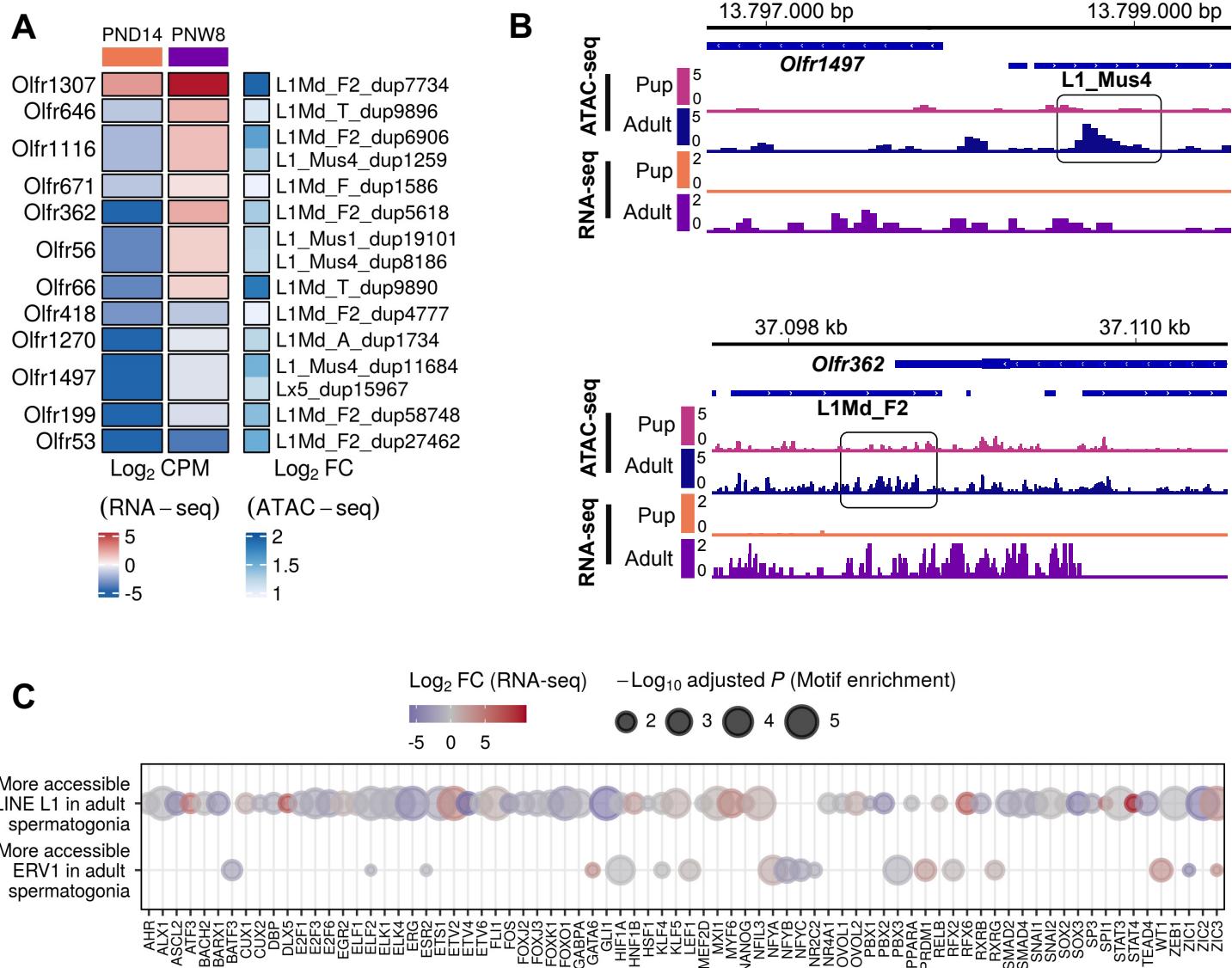
# Figure 4



# Figure 5

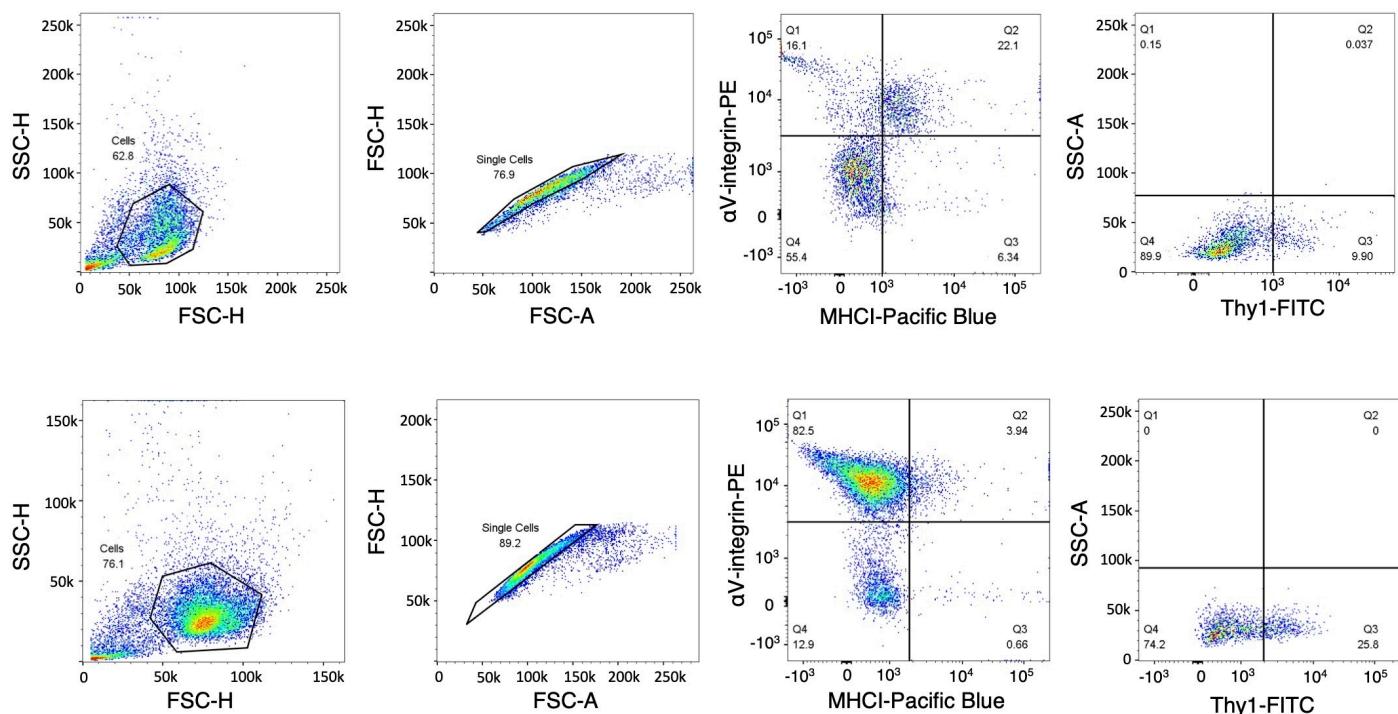


## Figure 6

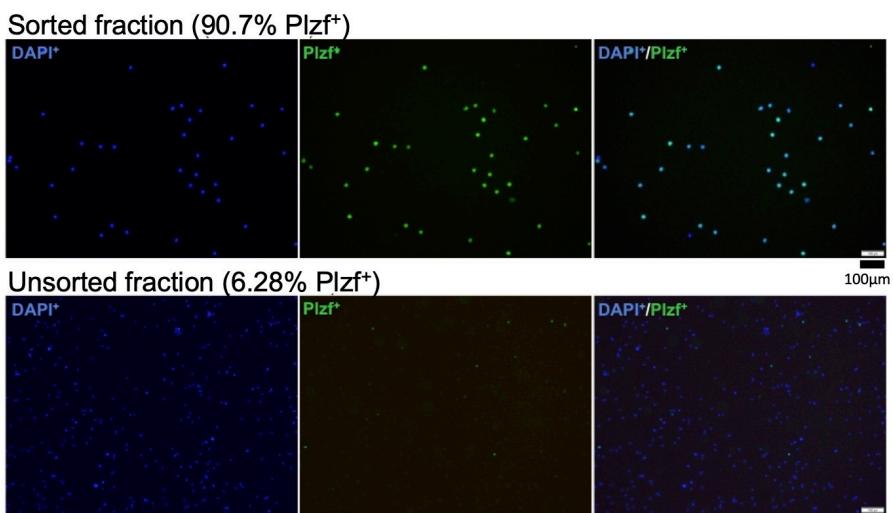


# Supplementary figure 1

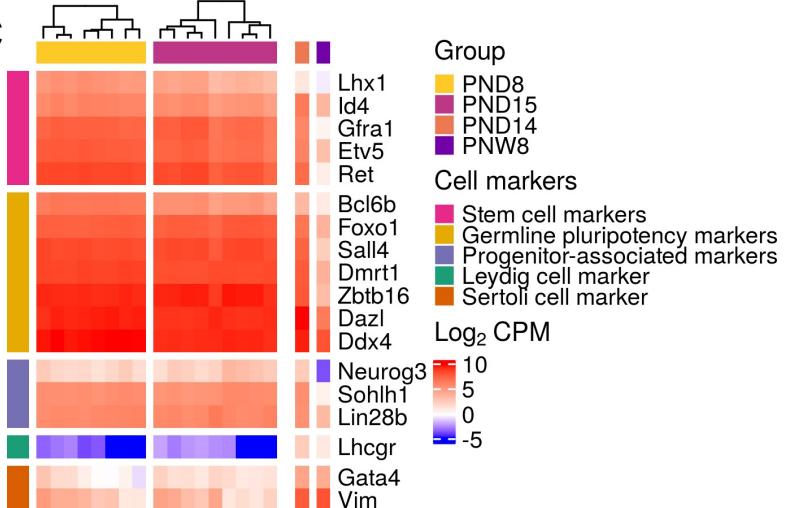
**A**



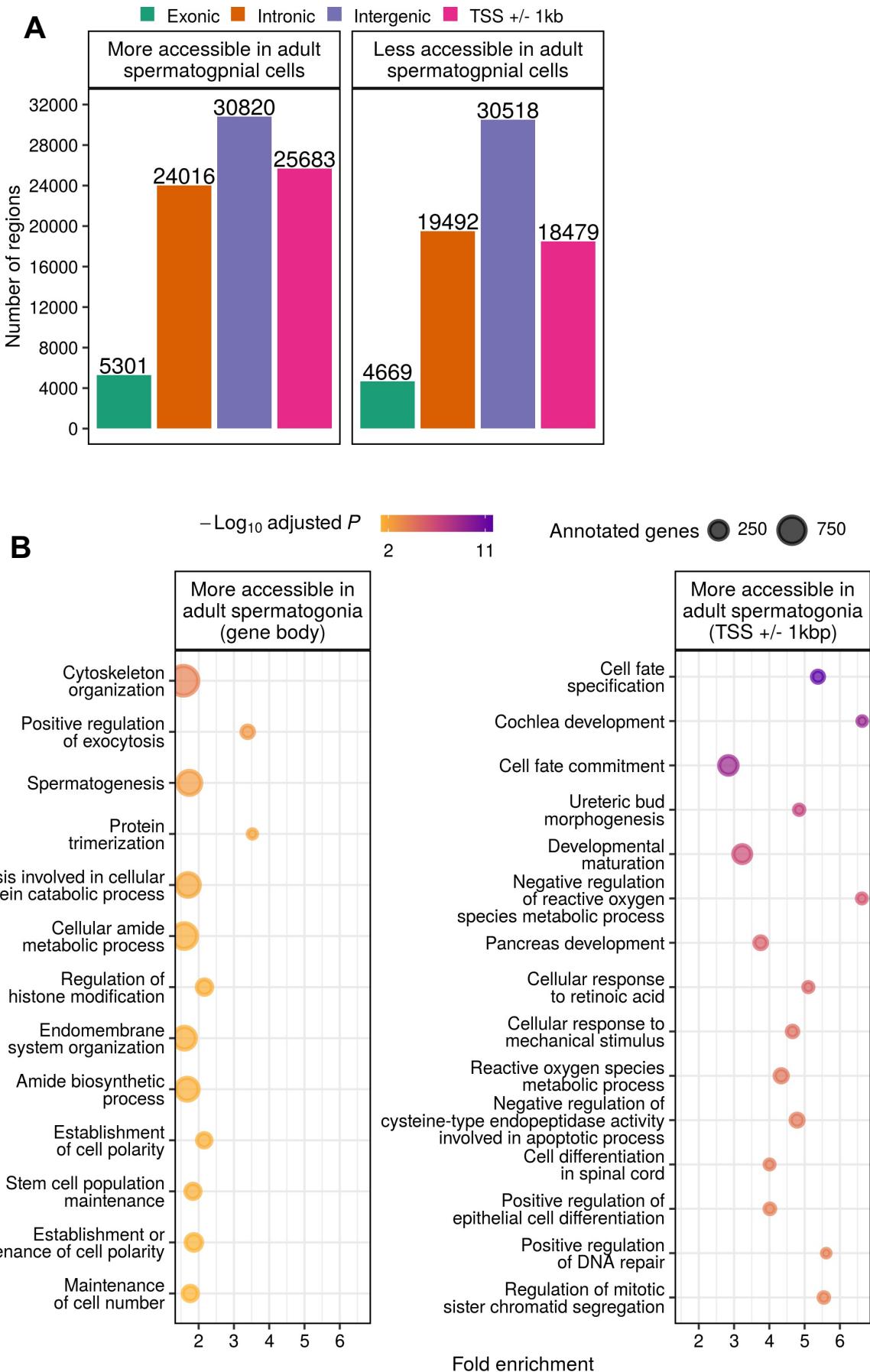
**B**



**C**

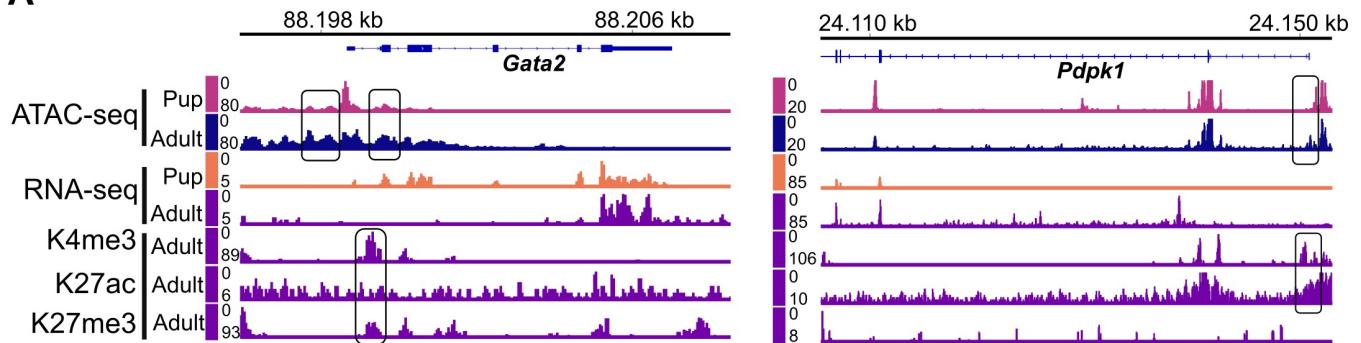


## Supplementary figure 2

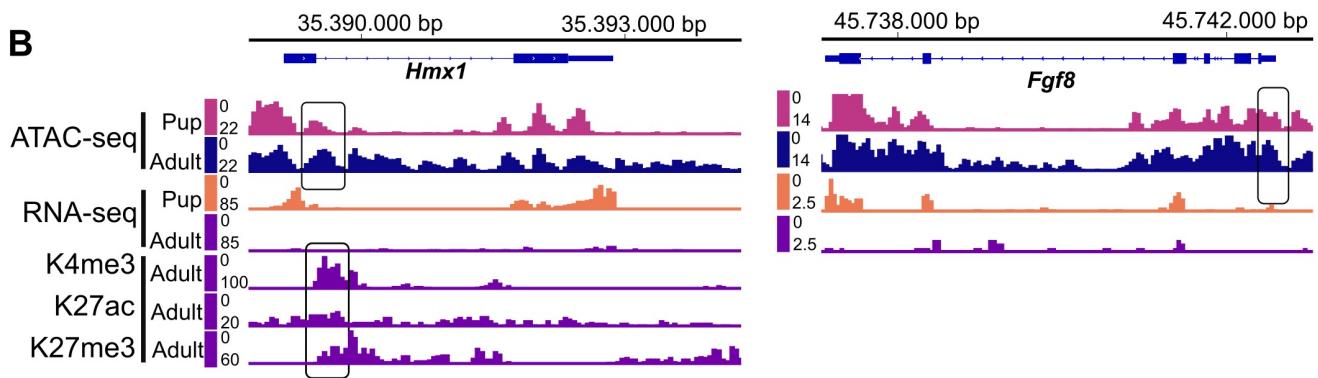


## Supplementary figure 3

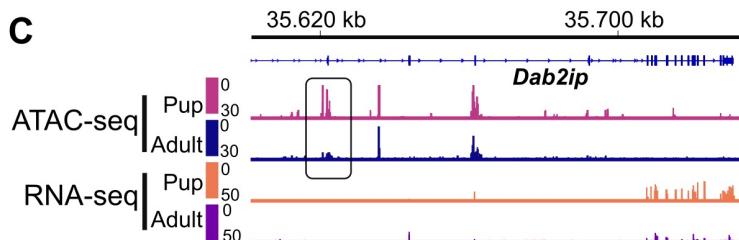
**A**



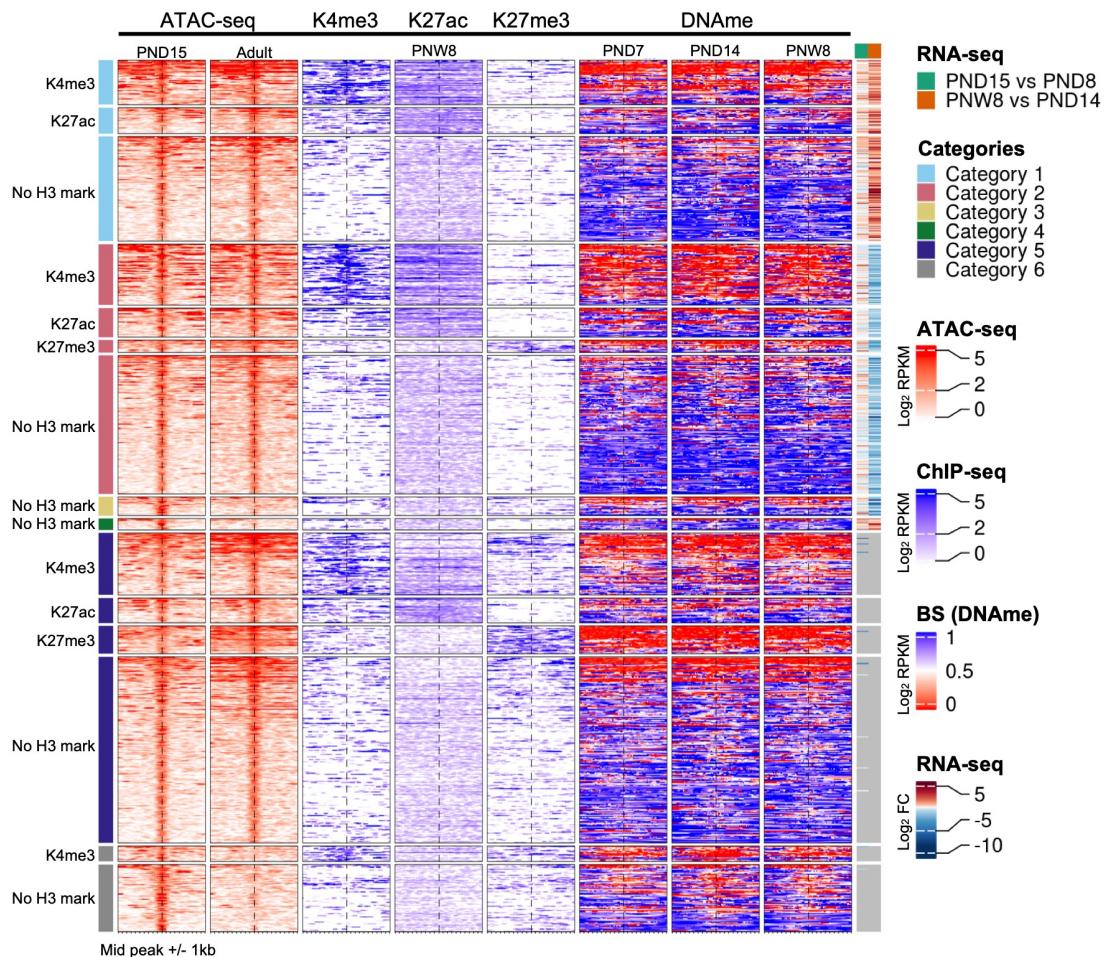
**B**



**C**

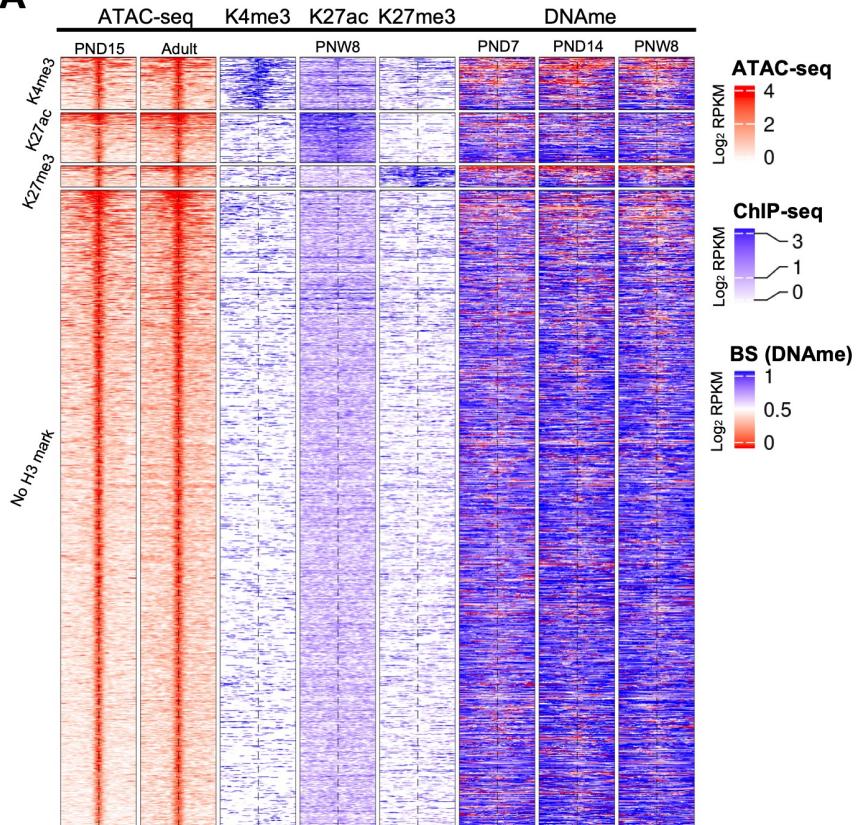


## Supplementary figure 4

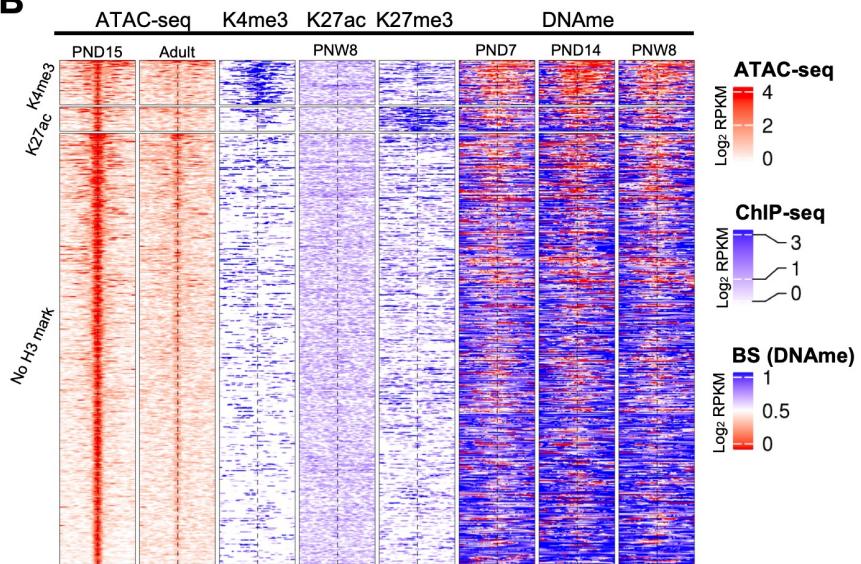


## Supplementary figure 5

**A**



**B**



## Supplementary figure 6

A

Enriched TF motifs in less accessible ERVKs in adult spermatogonia			Enriched TF motifs in less accessible LINE L1s in adult spermatogonia		
TF	Enriched motif	% of target sequences	TF	Enriched motif	% of target sequences
PBX3		24.15%	FOXO1		15.02%
THAP11		22.25%	ZEB1		14.7%
ZNF143		27.21%	E2F3		13.79%
FOXL1		24.53%	KLF5		12.67%
NF-YA		25.88%	ZBTB17		12.74%

B

