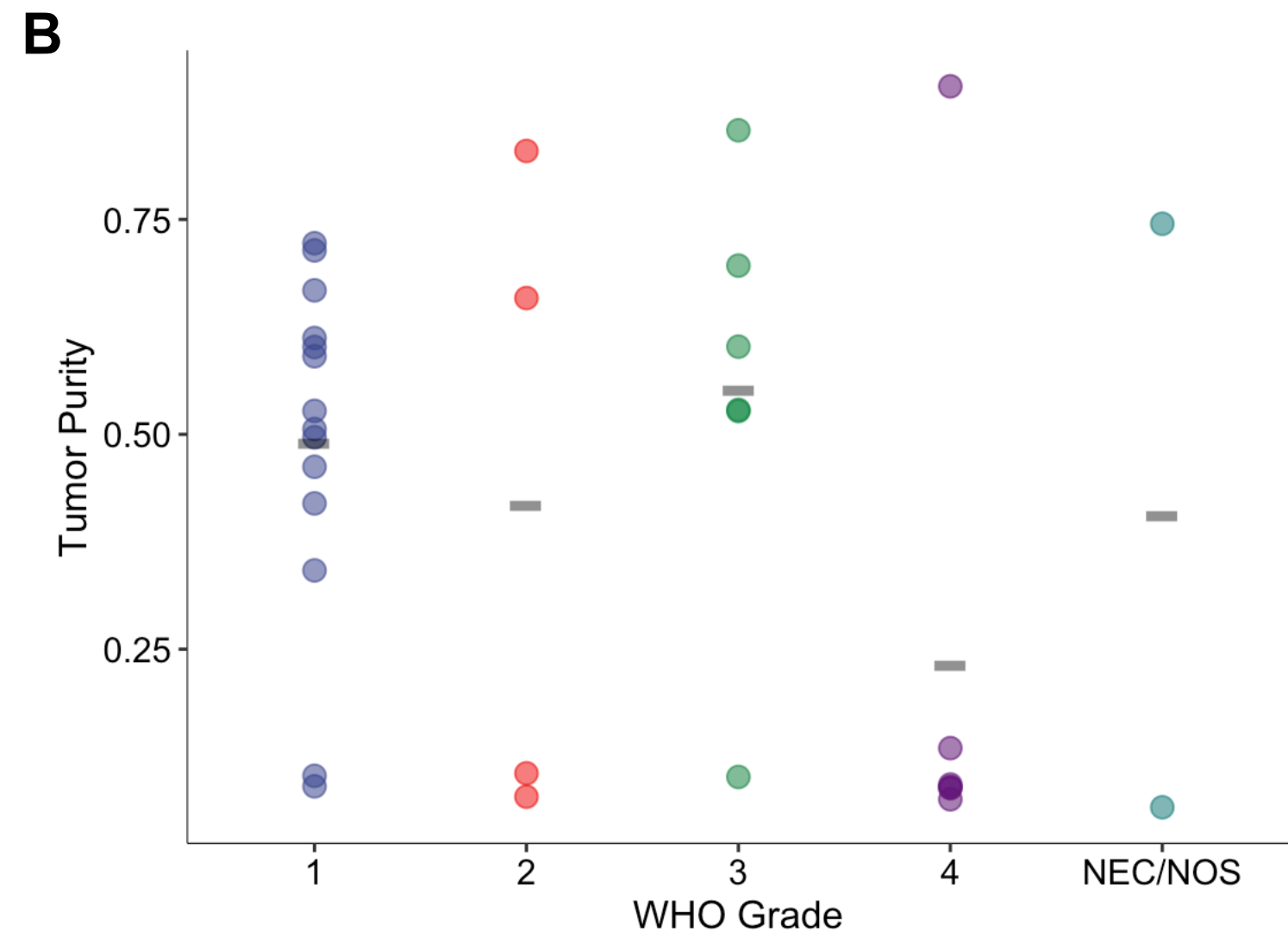
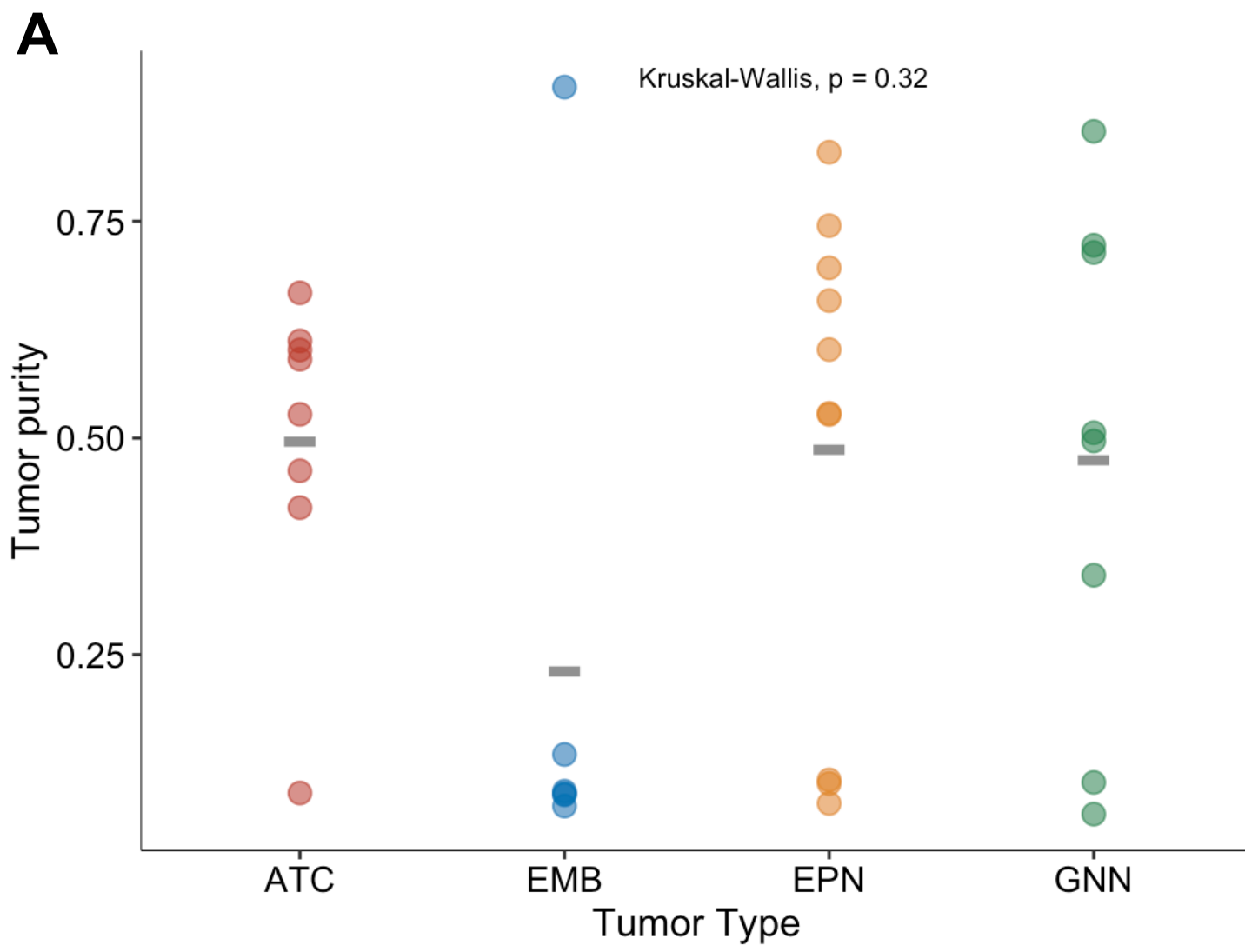
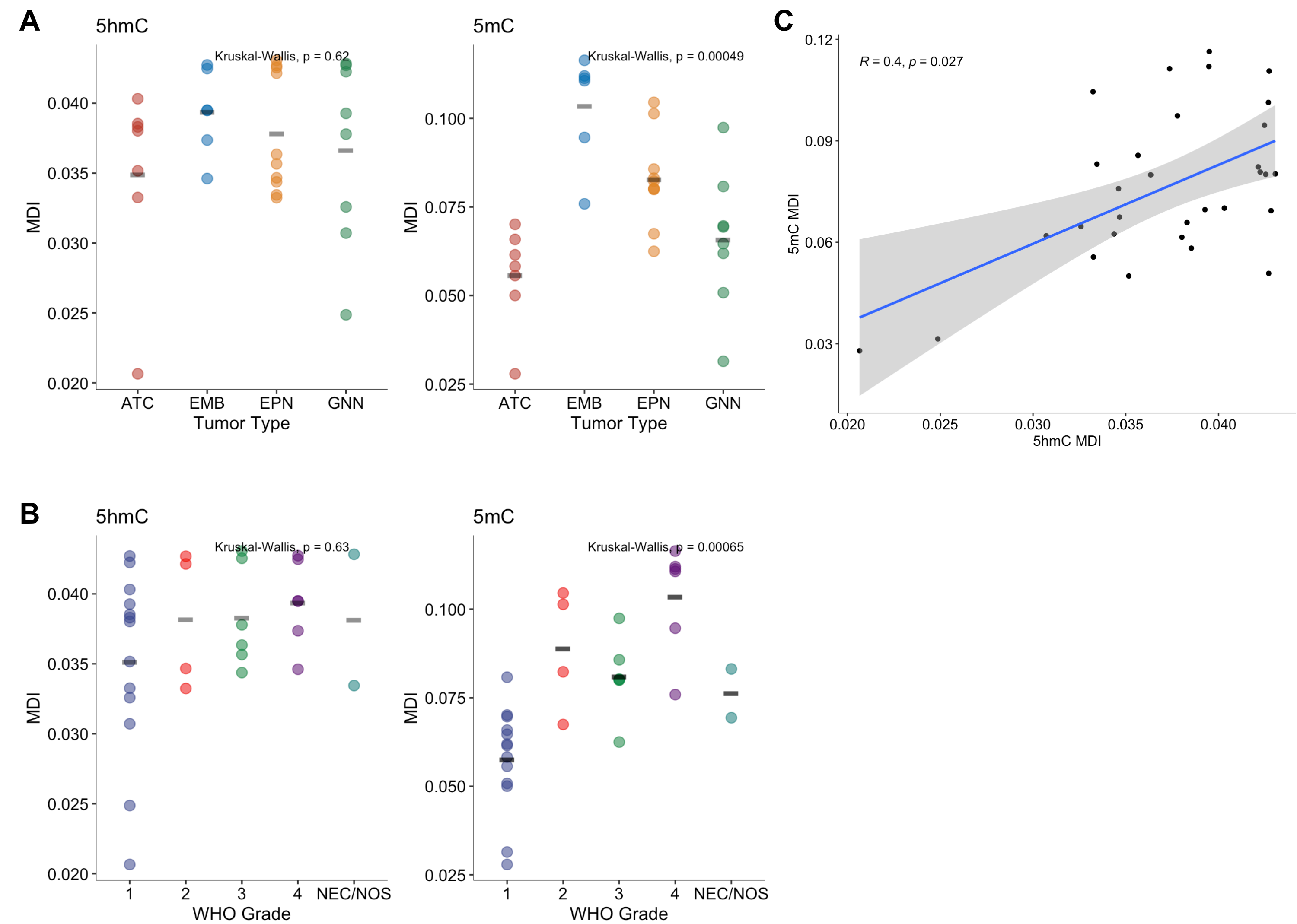


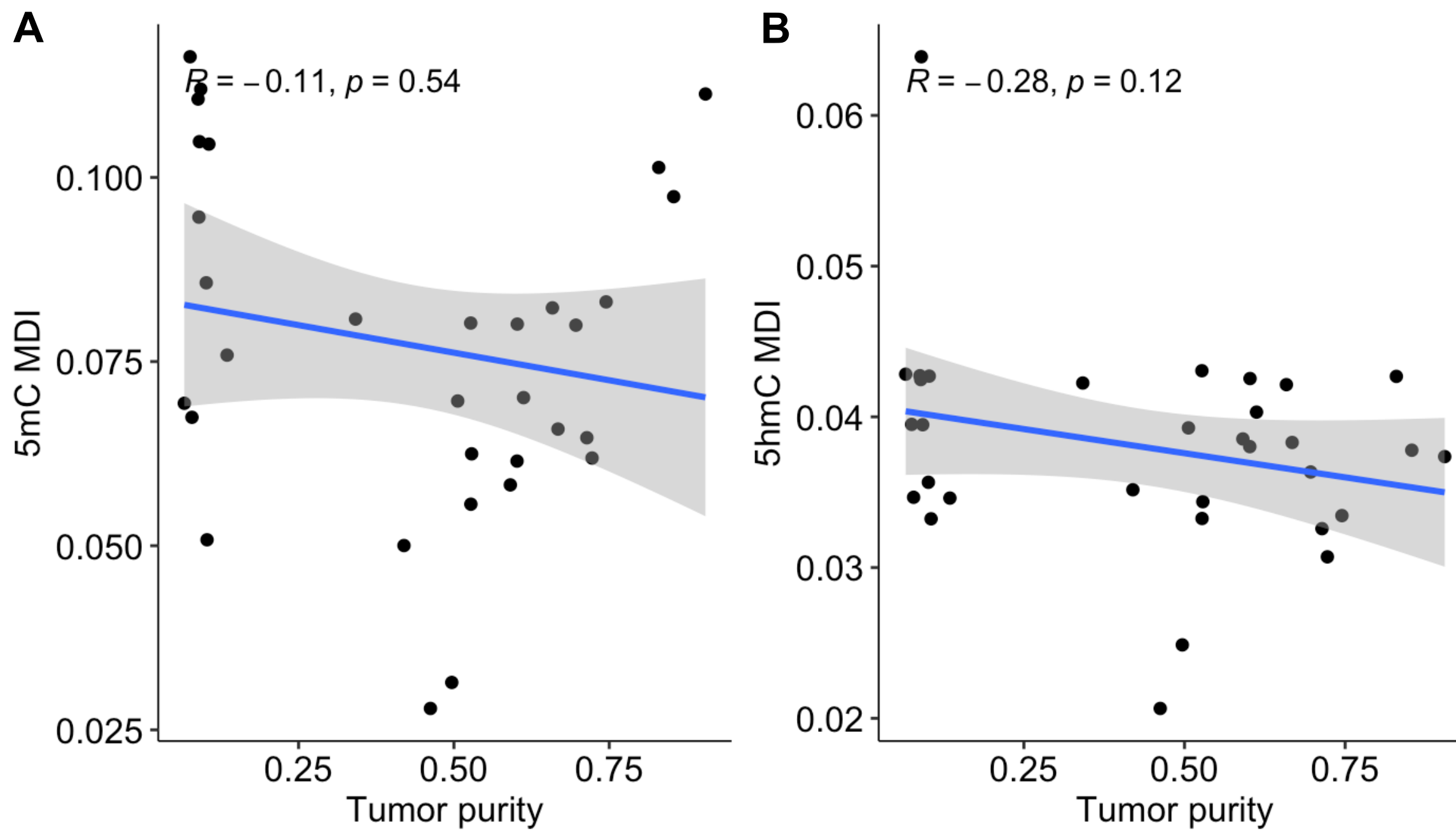
Supplementary Figure 1.



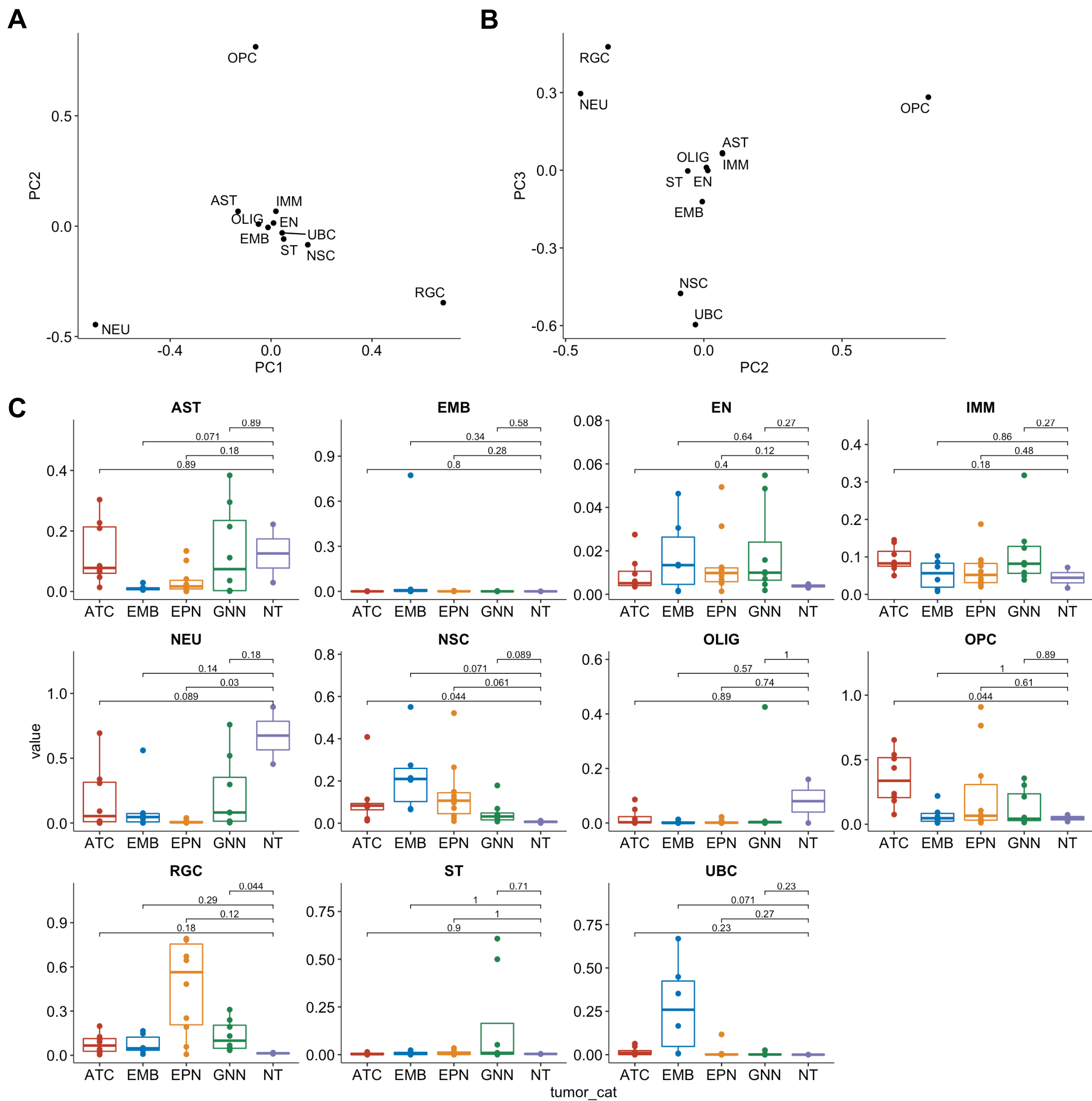
Supplementary Figure 2.



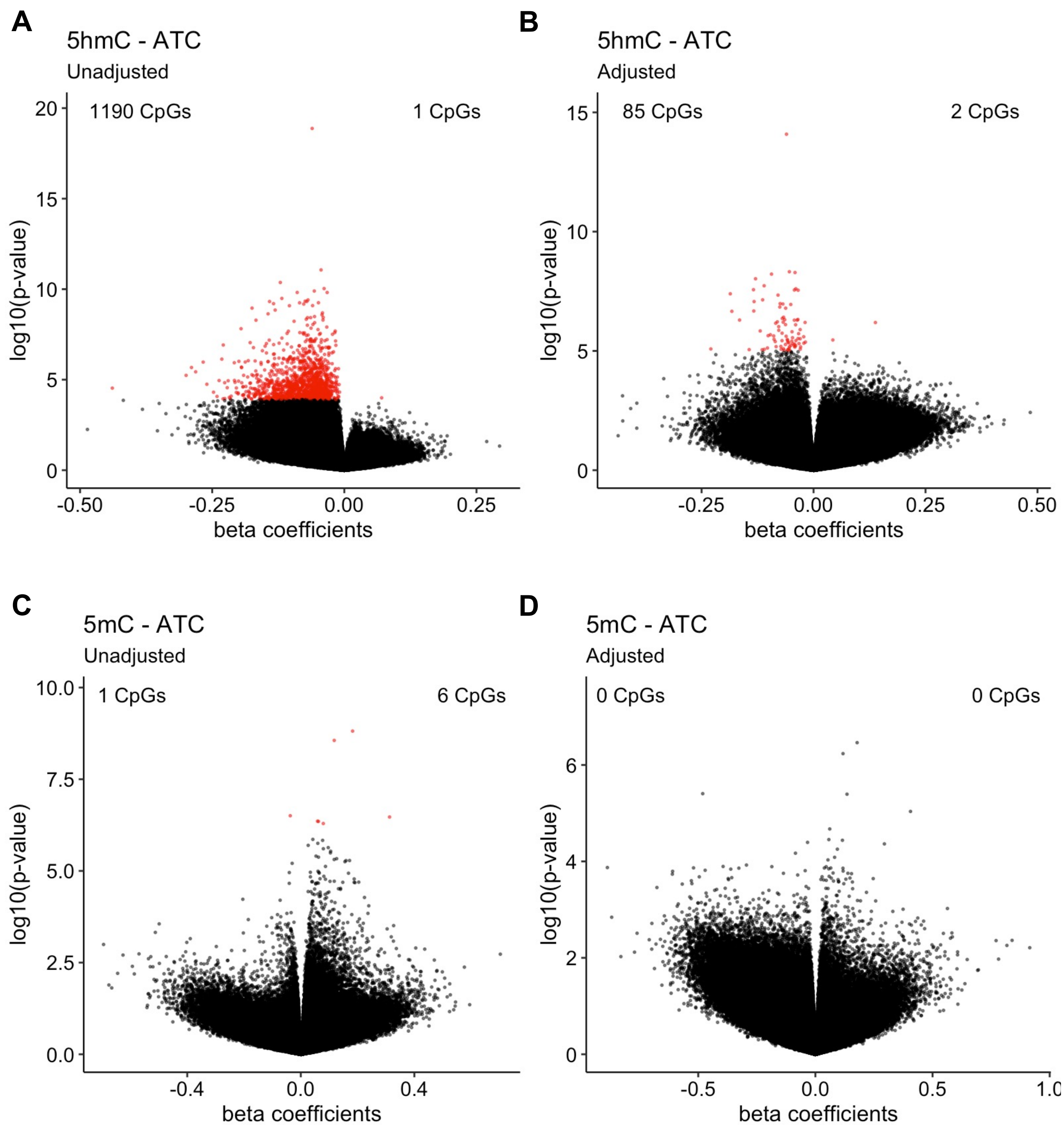
Supplementary Figure 3.



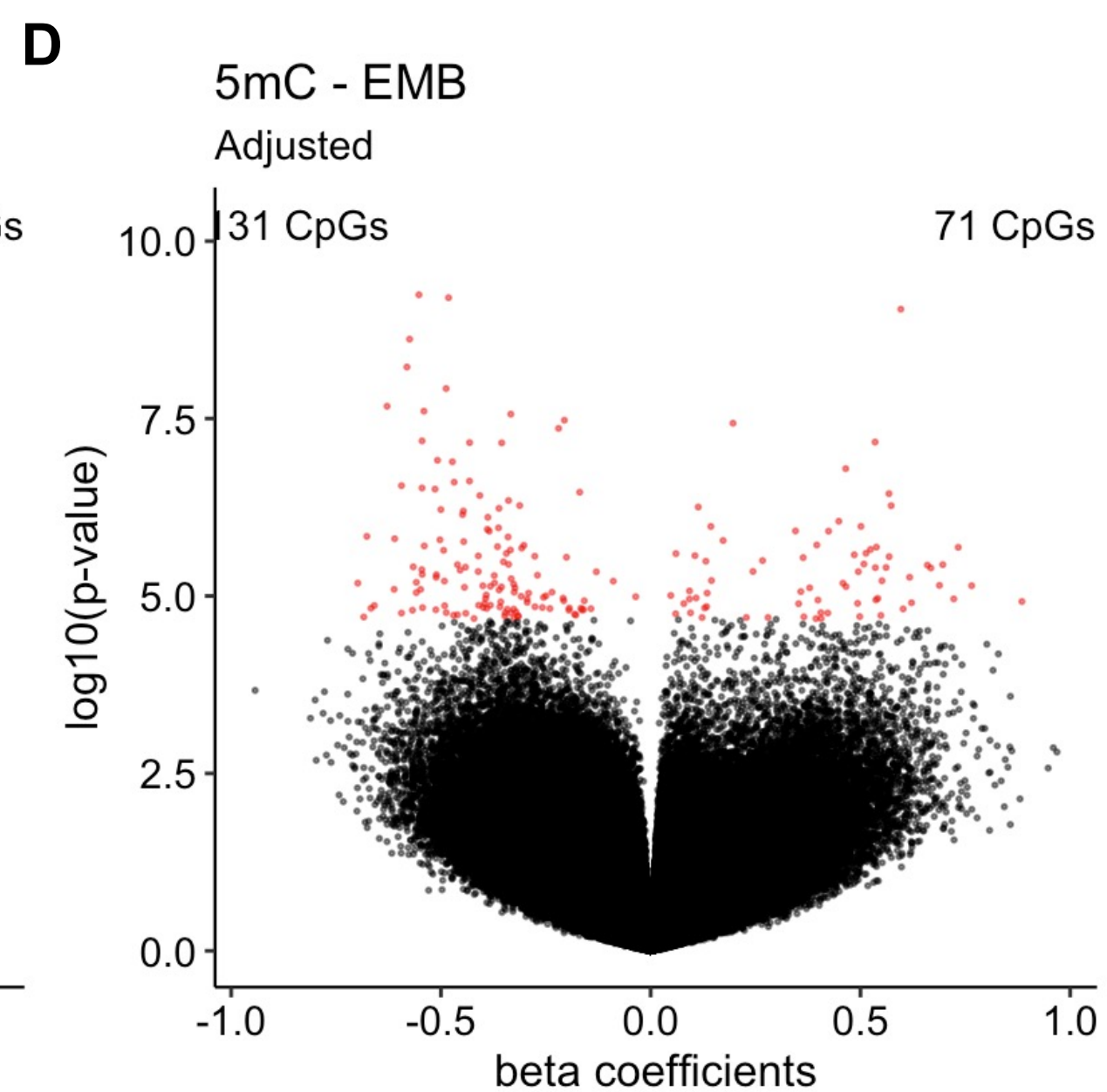
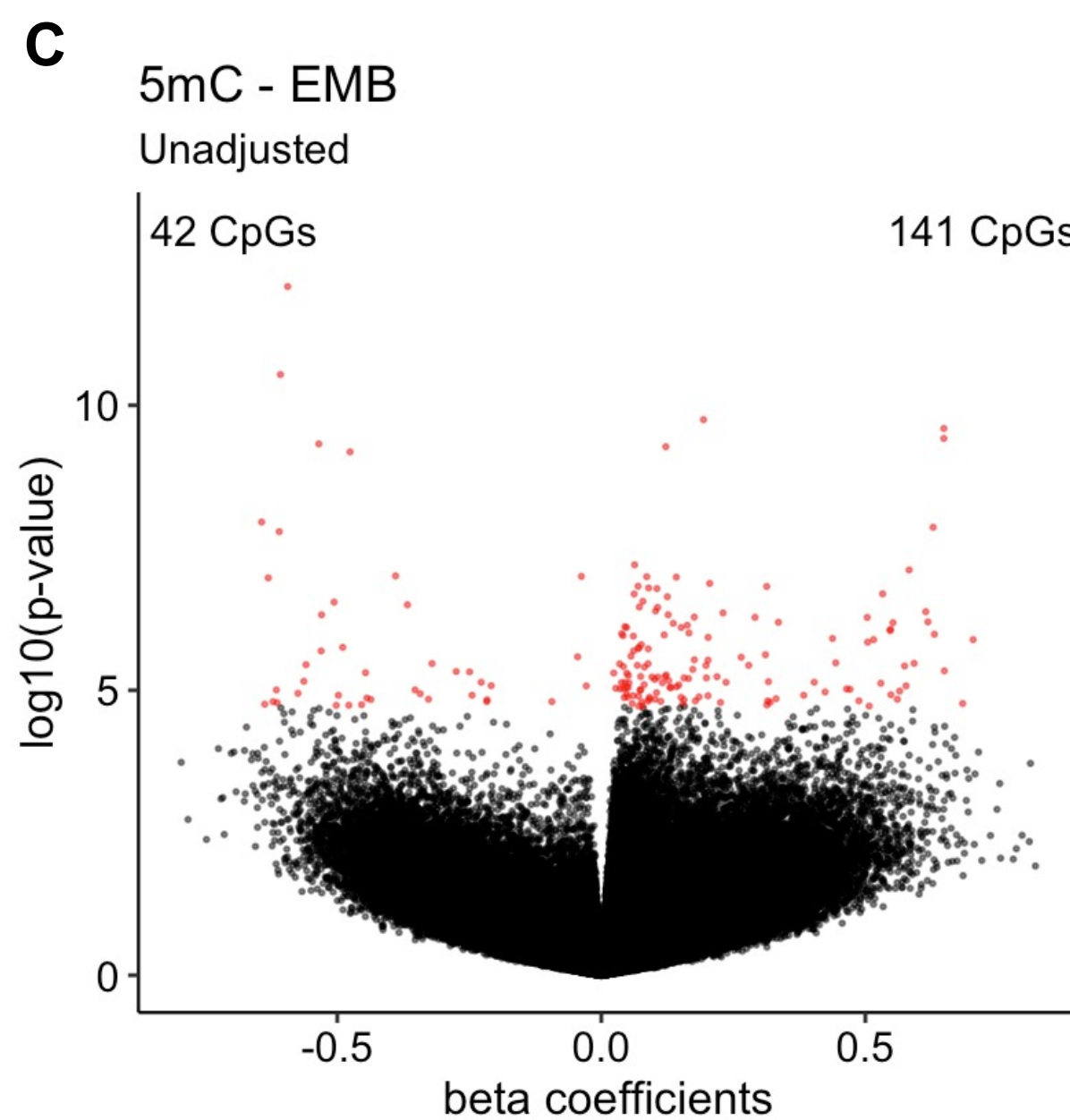
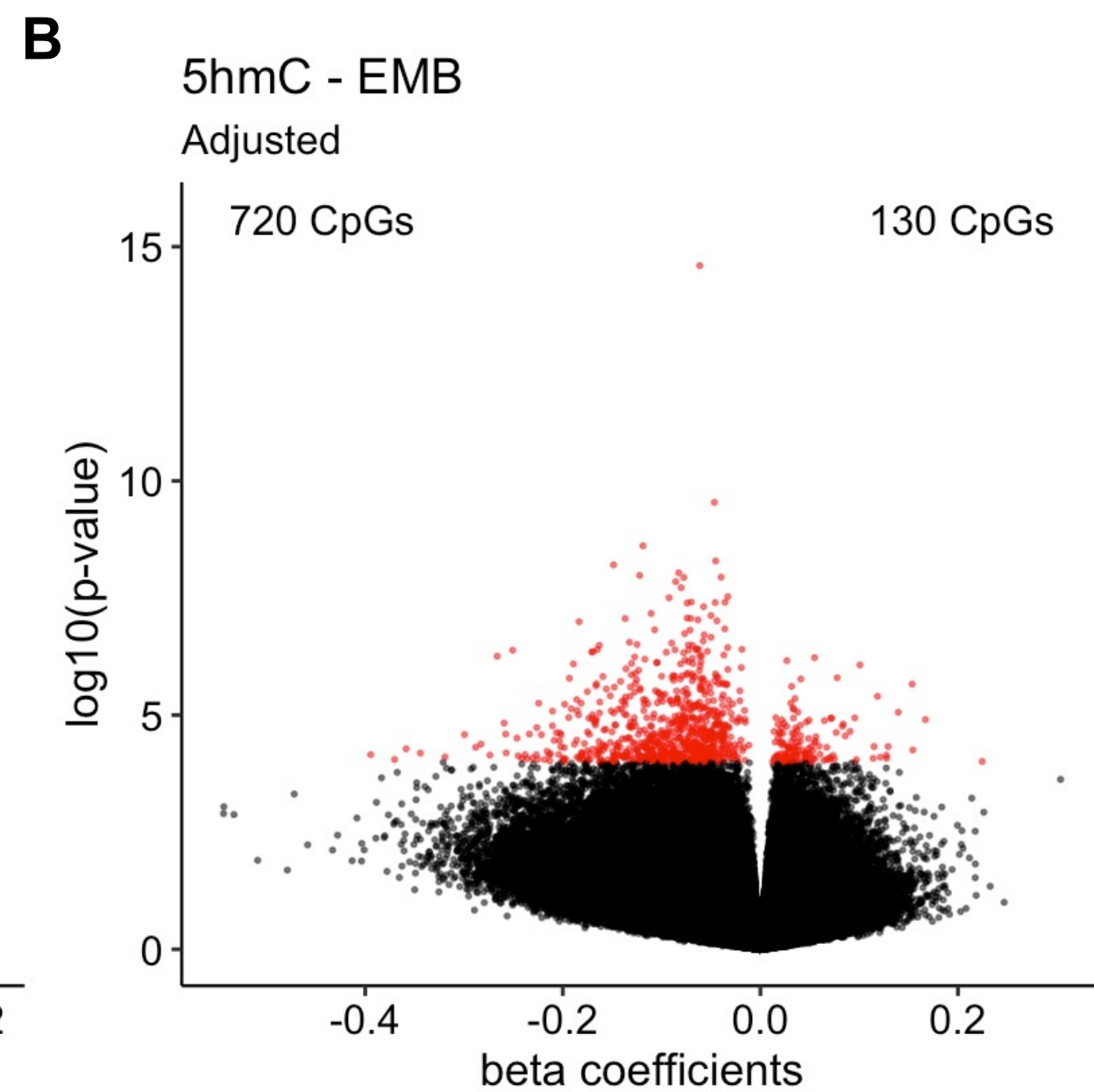
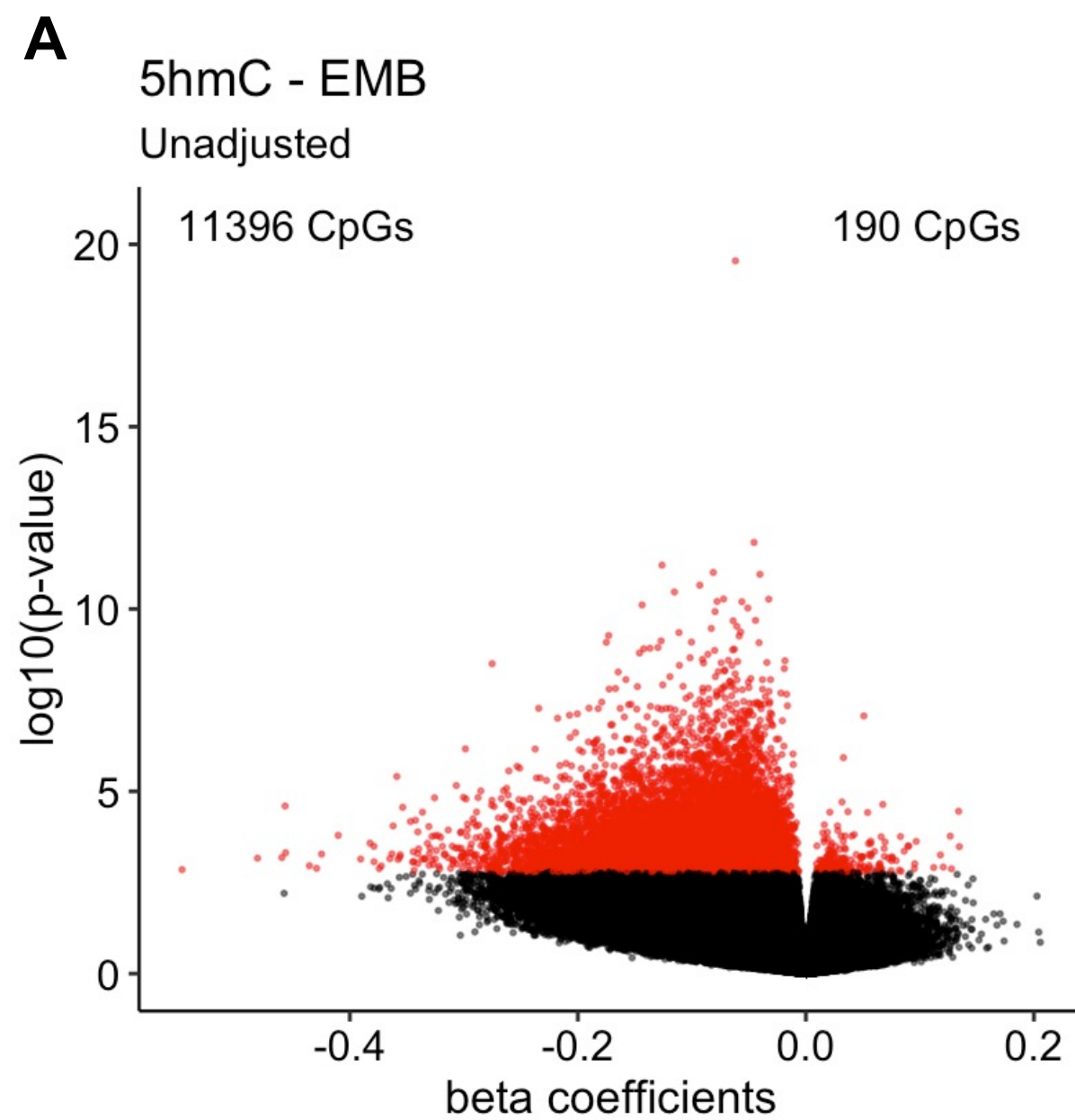
Supplementary Figure 4.



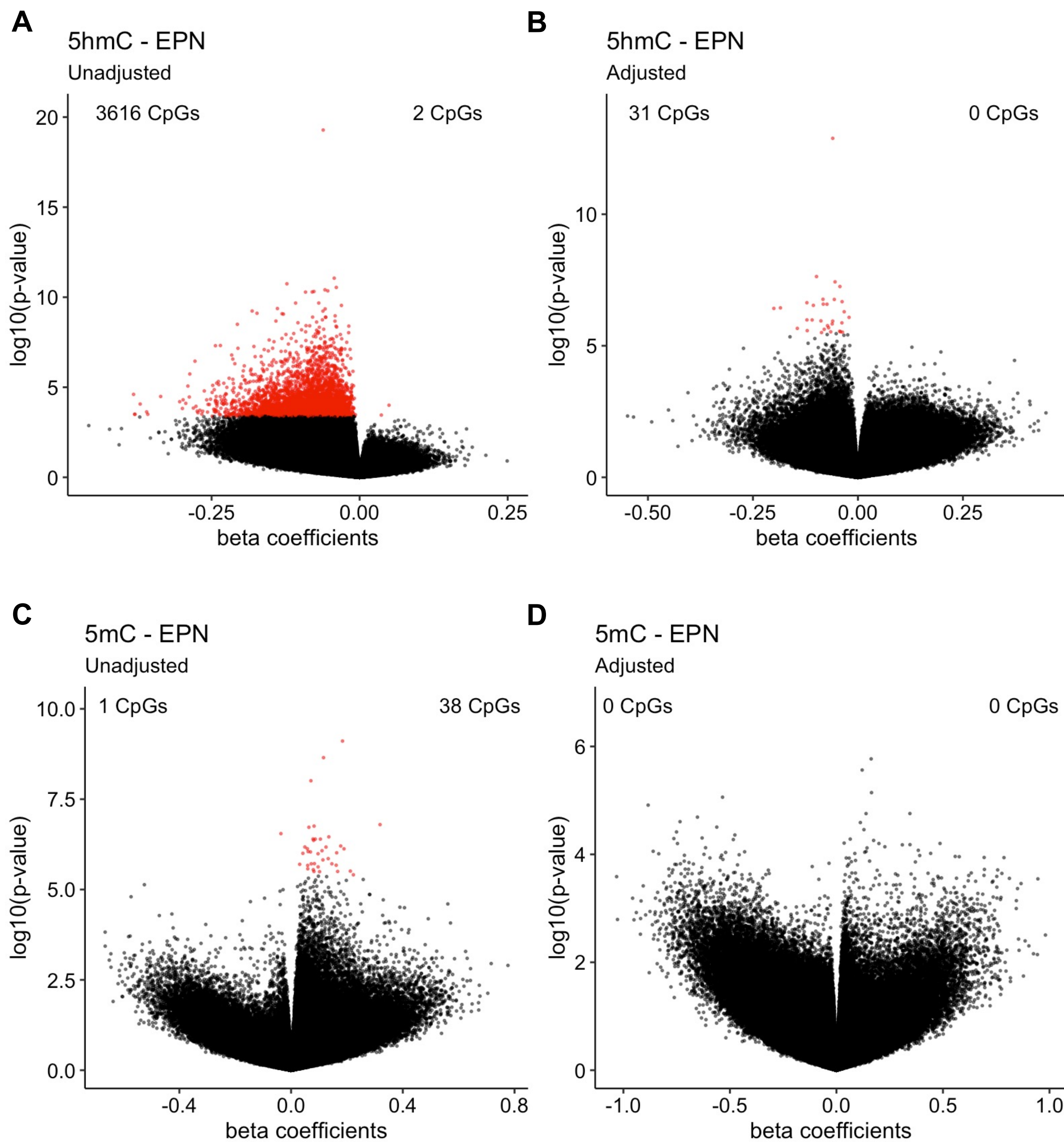
Supplementary Figure 5.



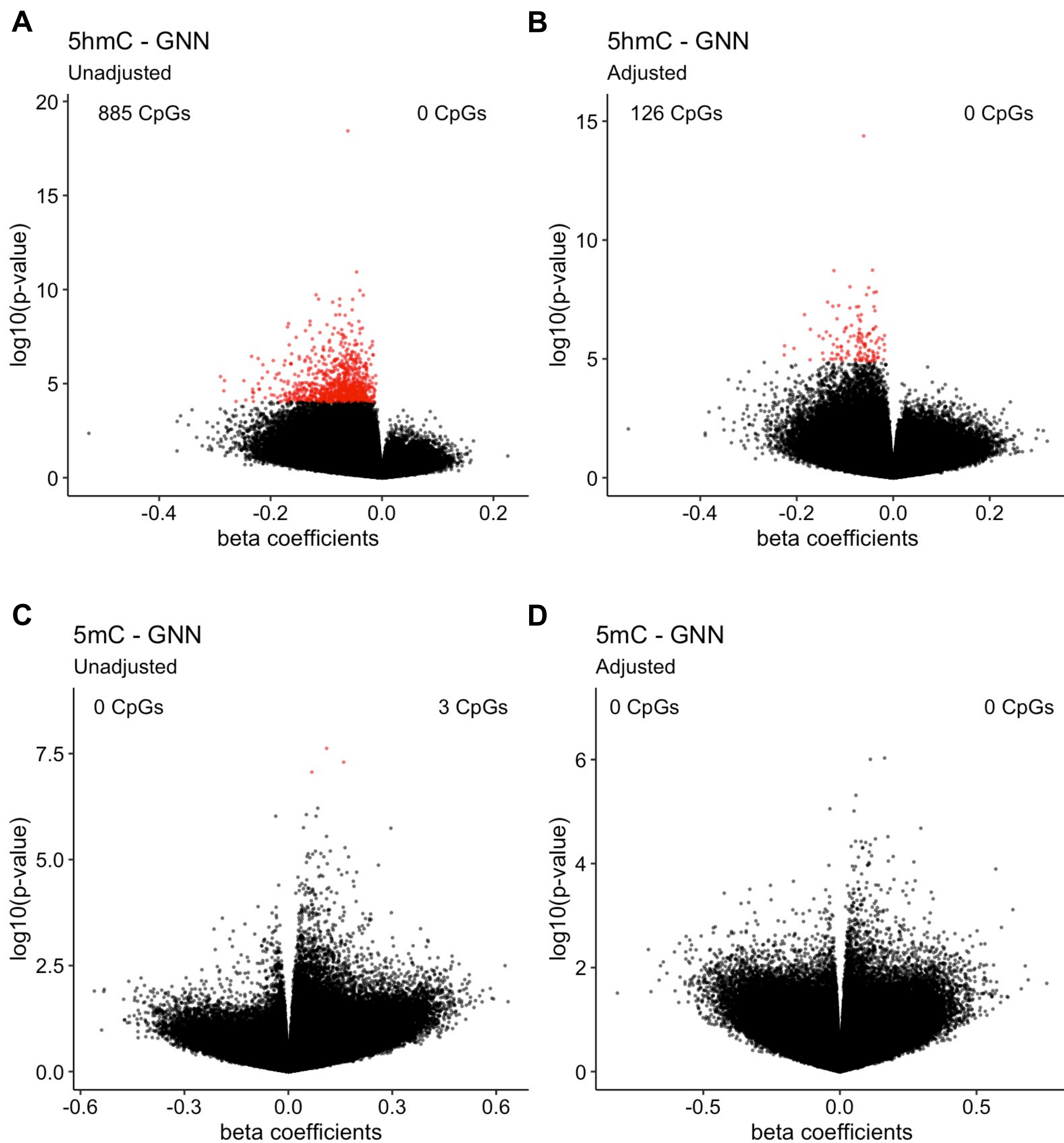
Supplementary Figure 6.



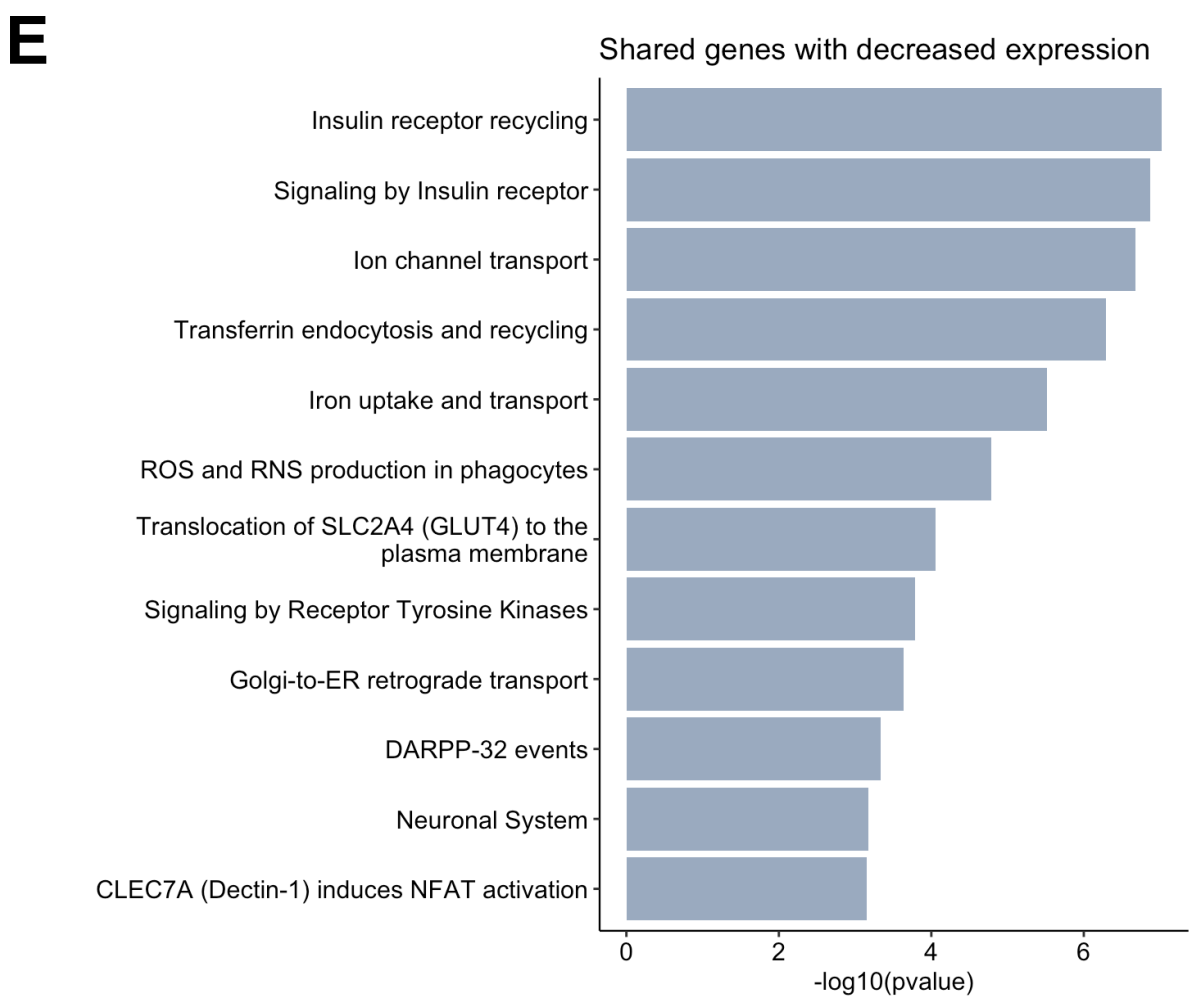
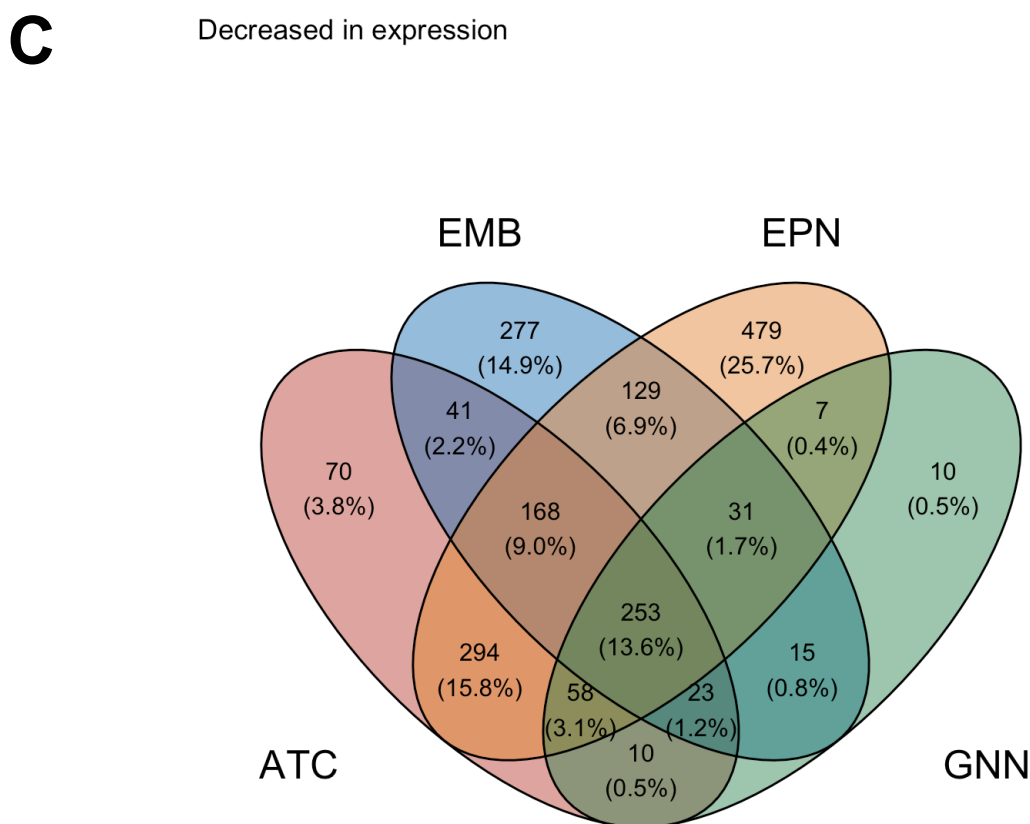
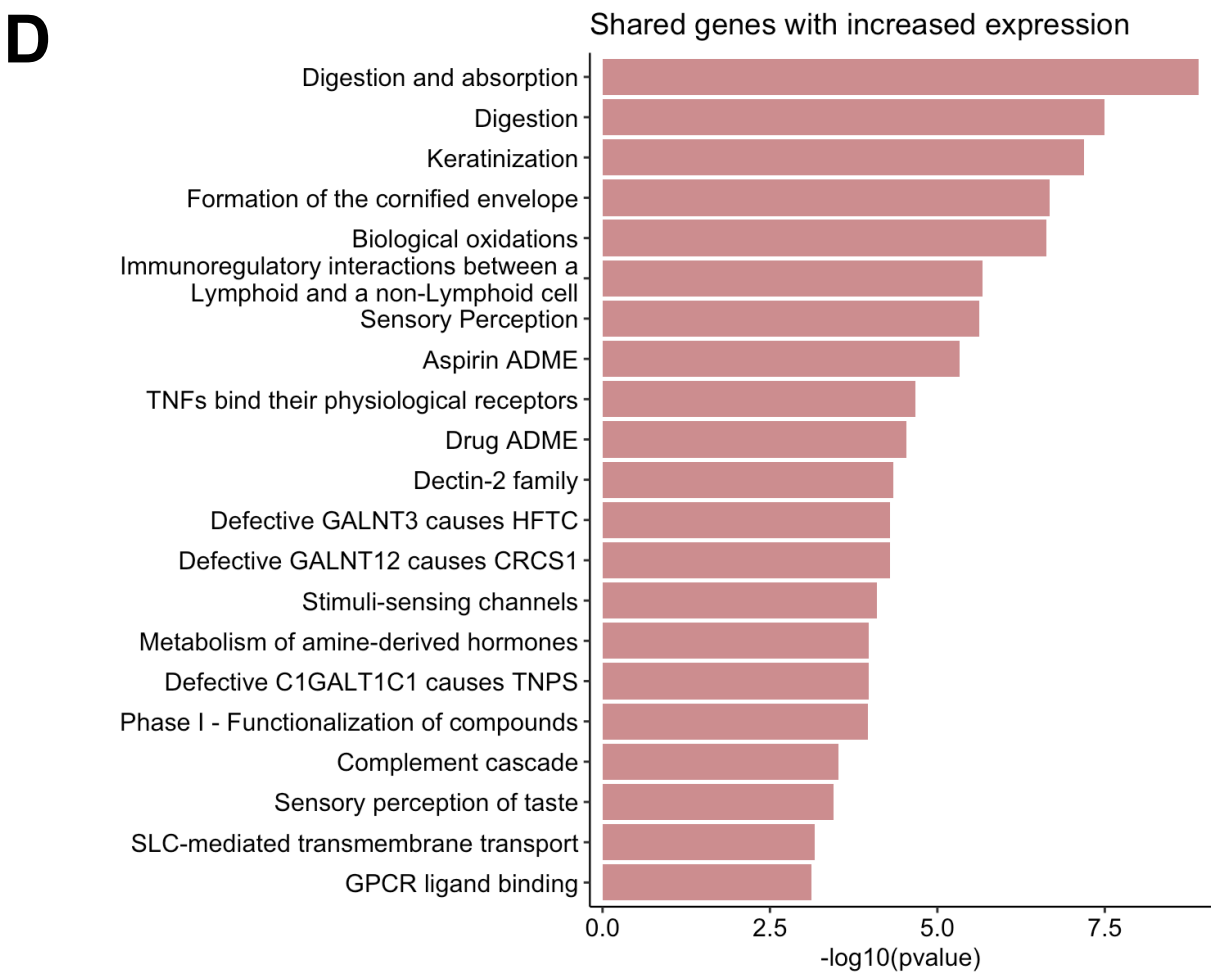
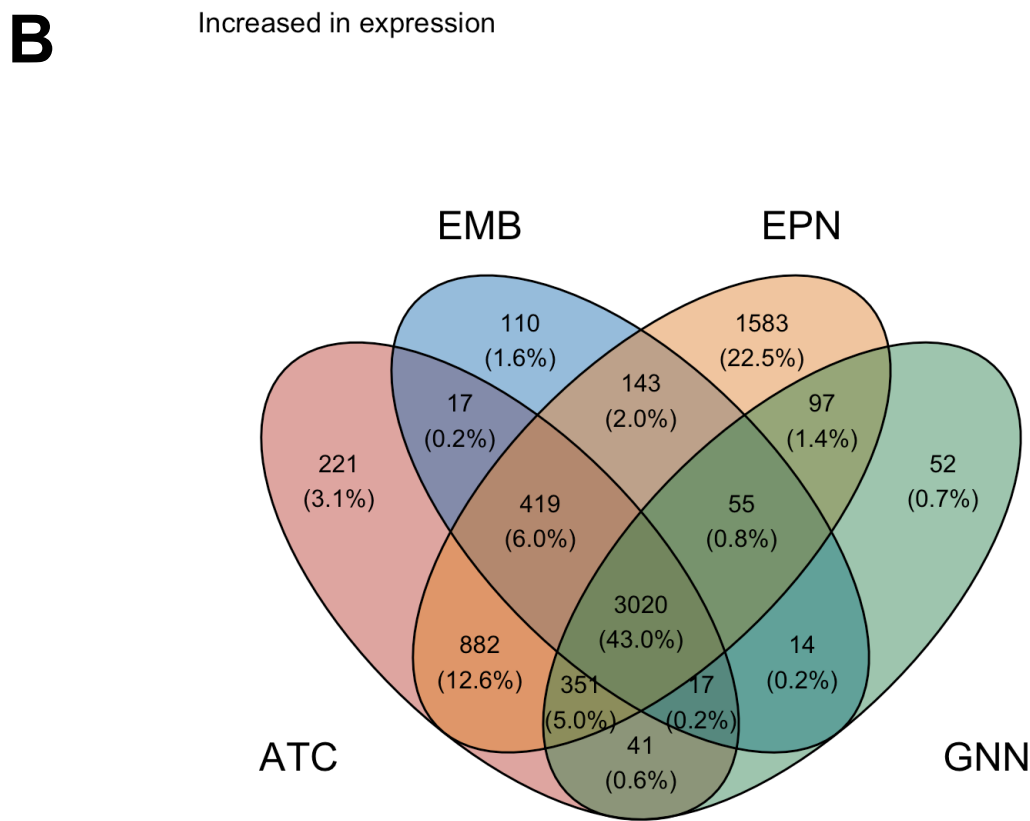
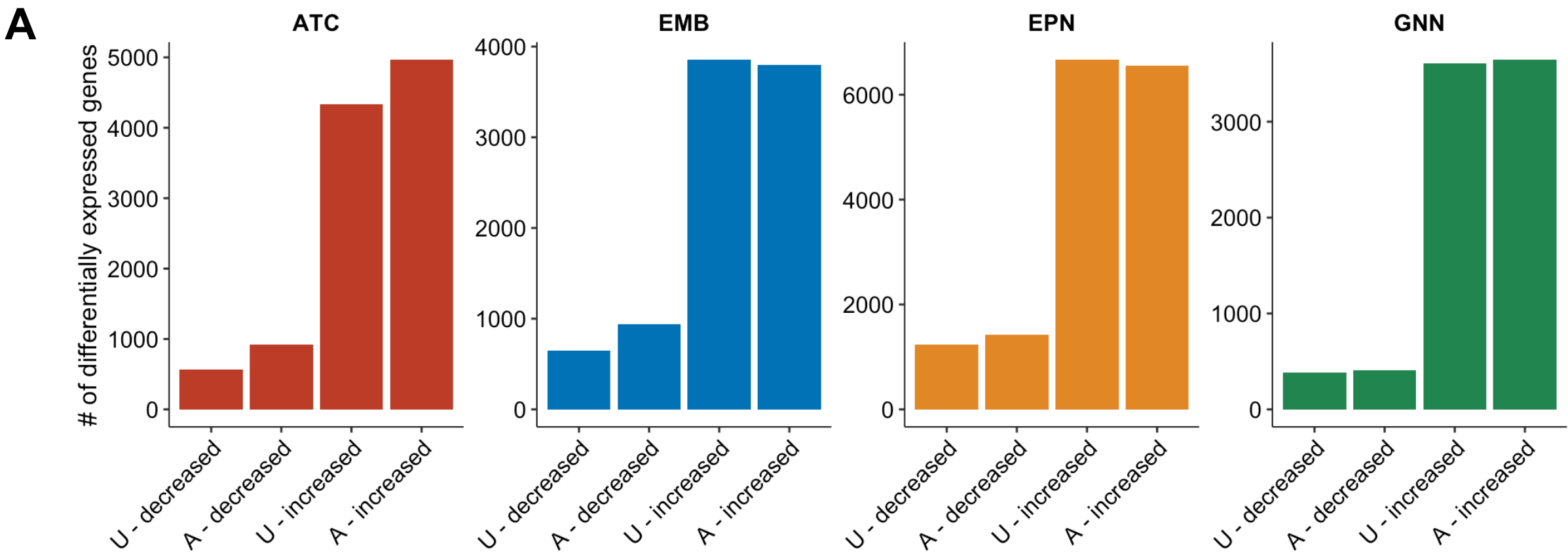
Supplementary Figure 7.



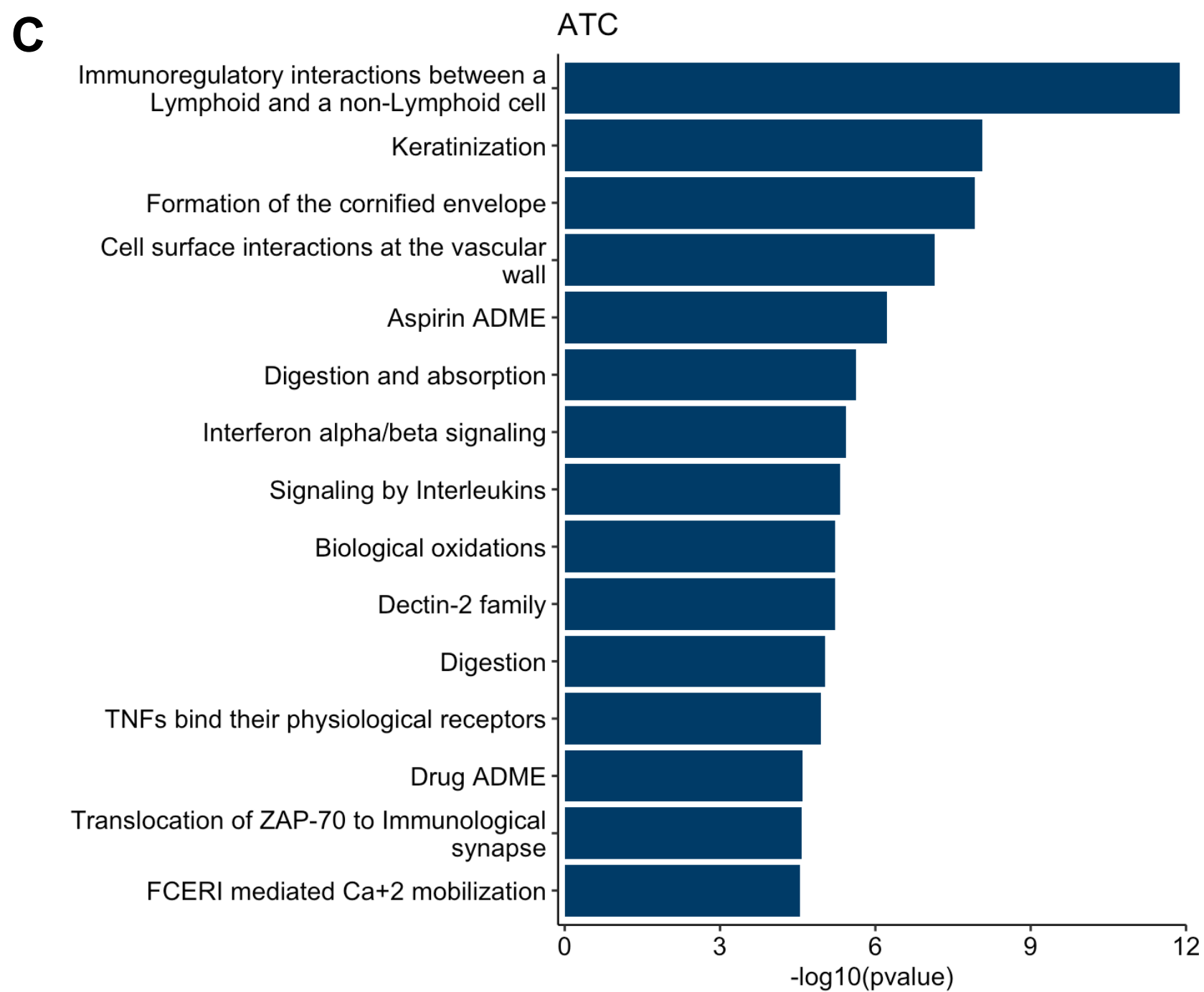
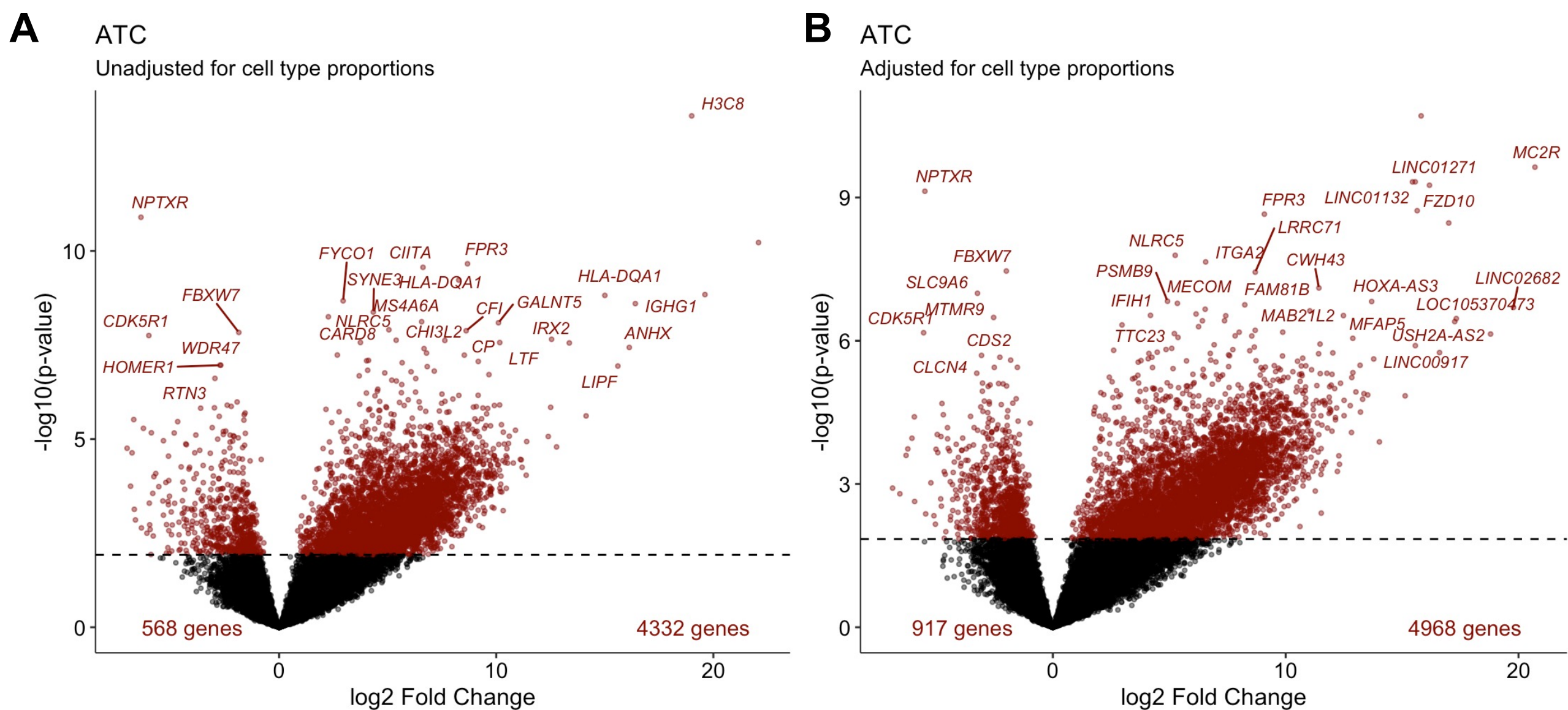
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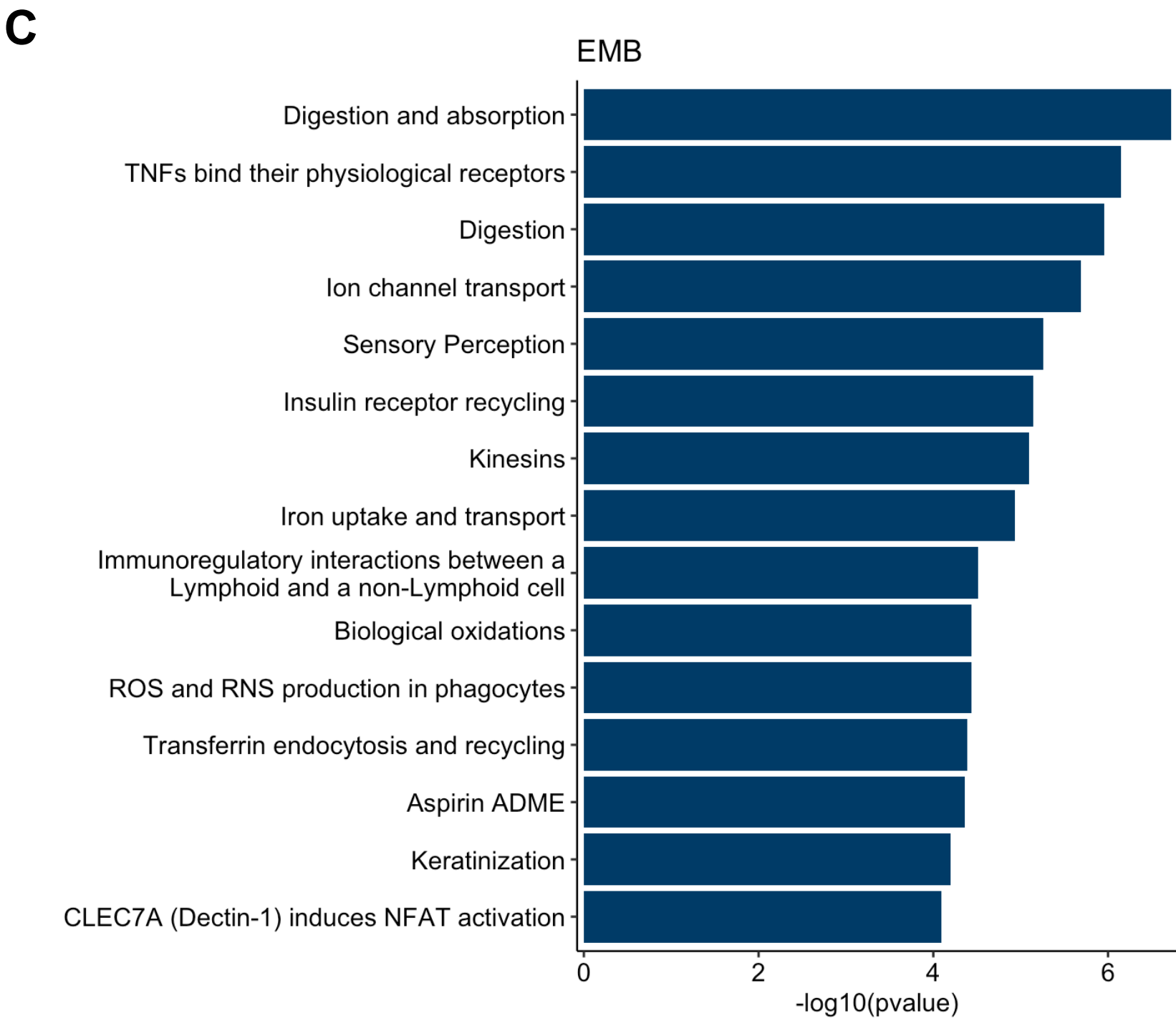
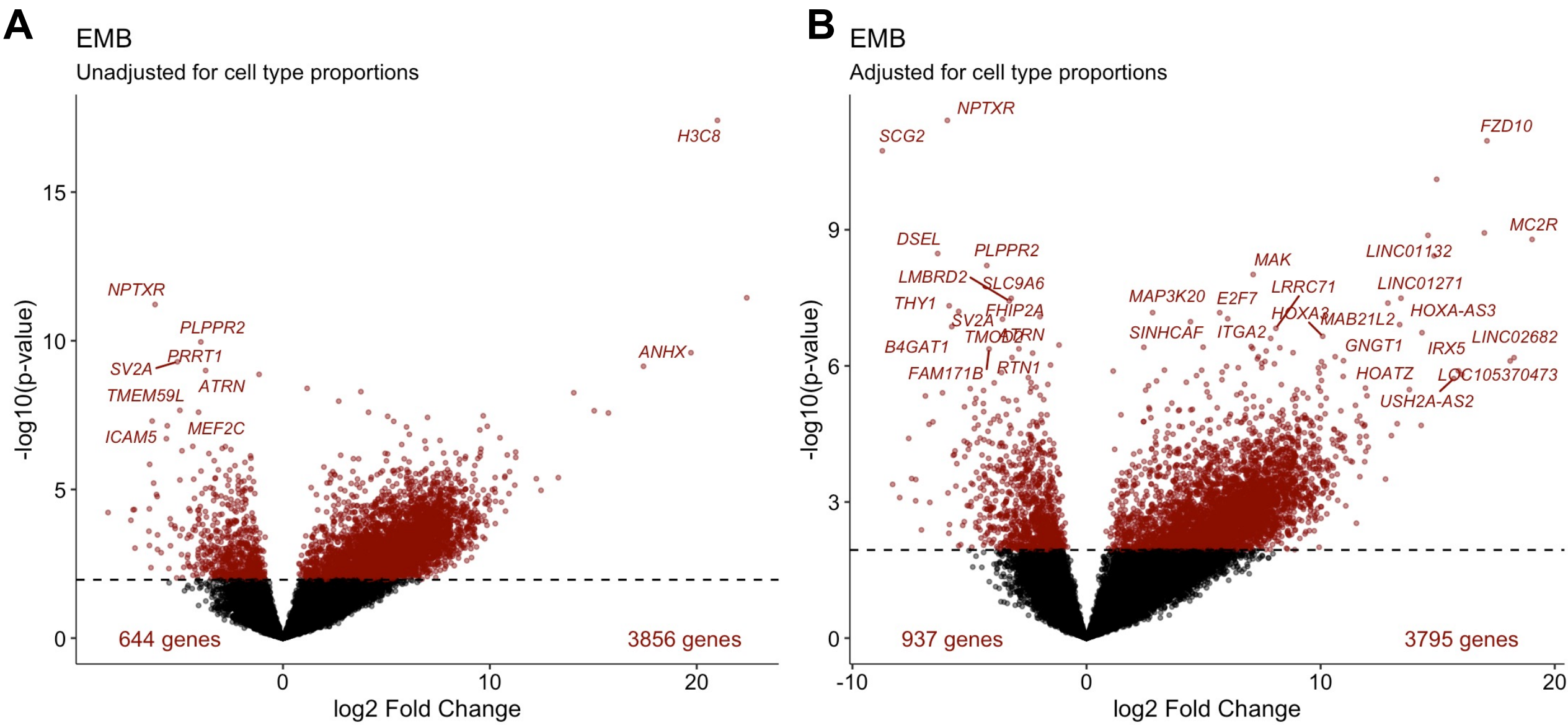
Supplementary Figure 9.



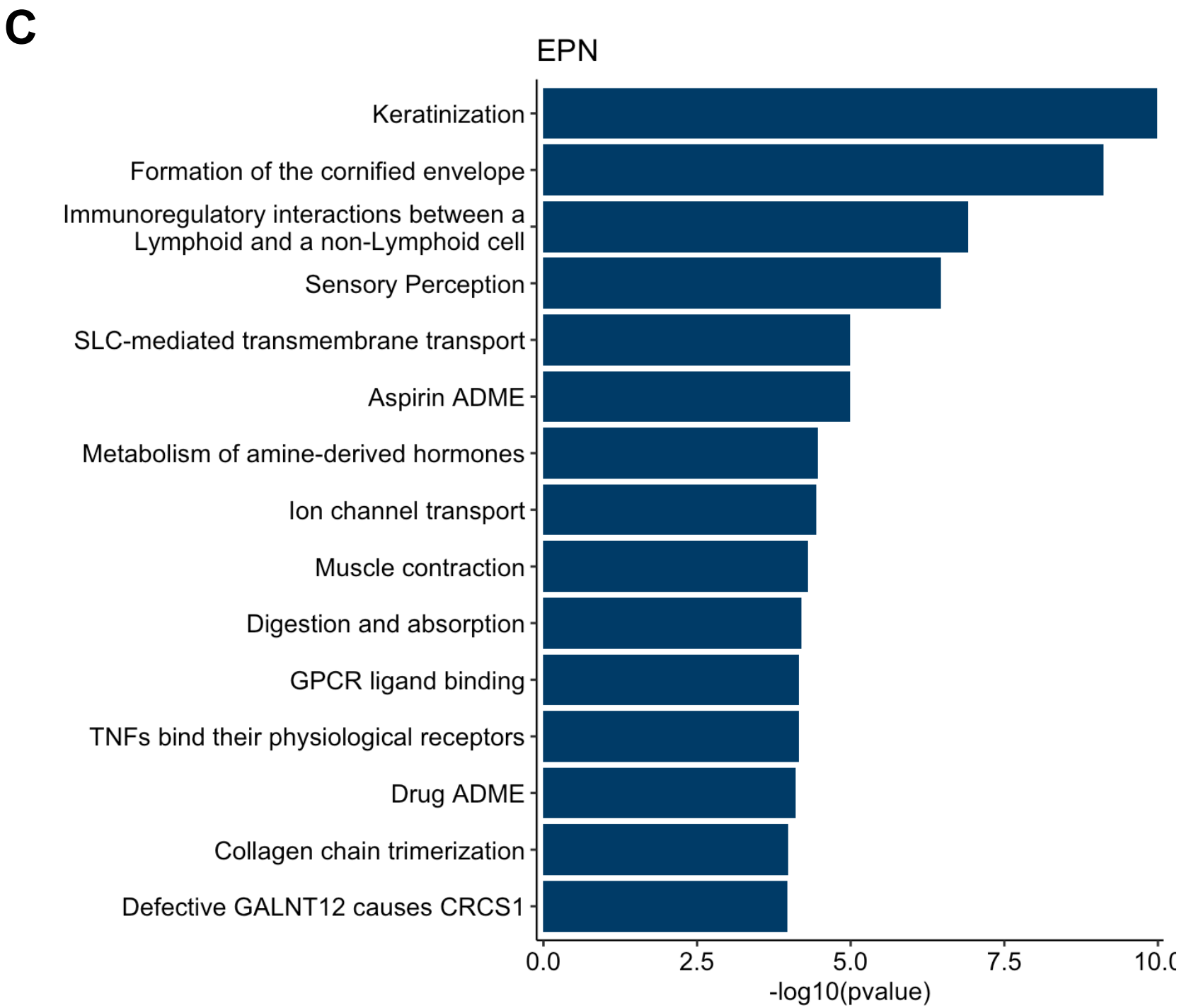
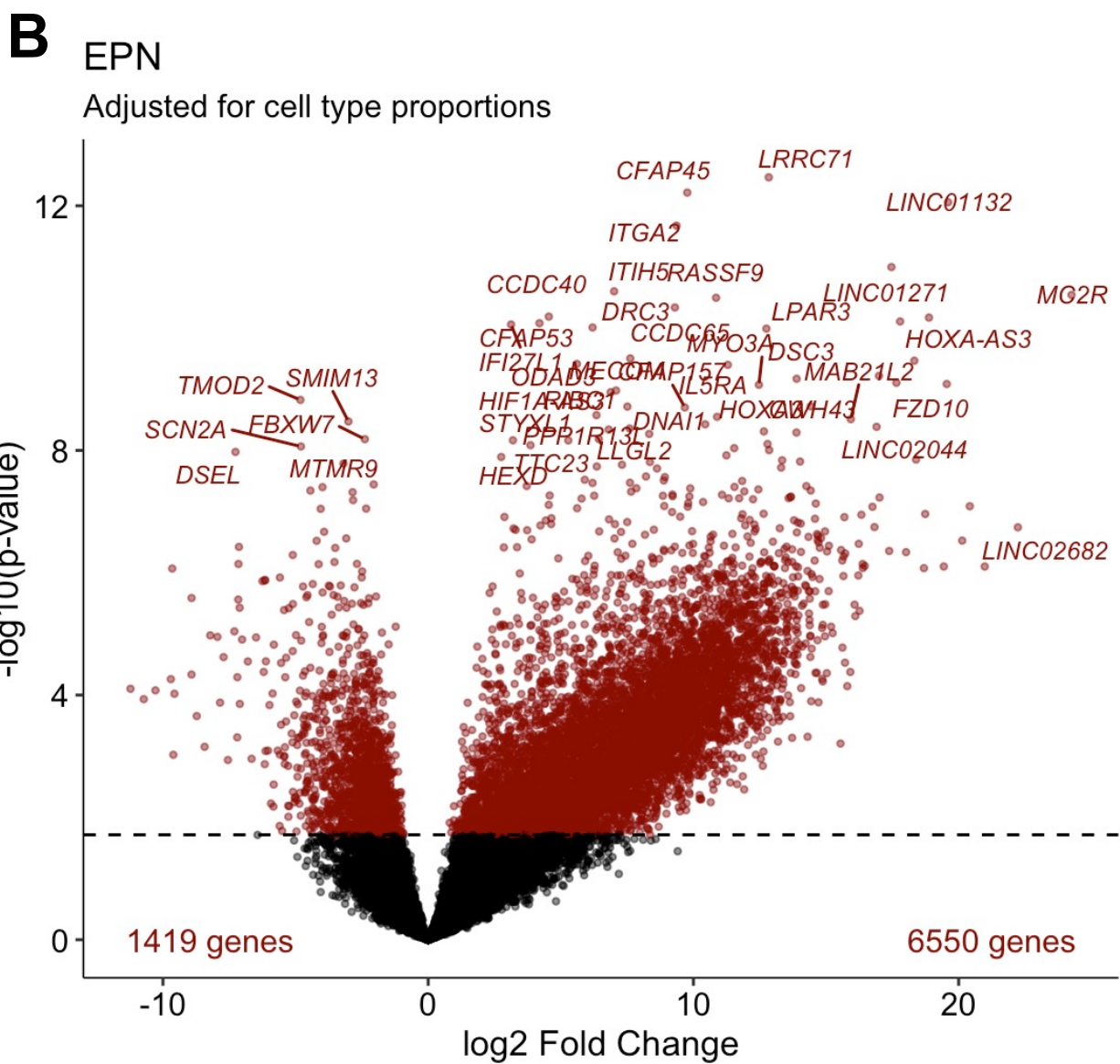
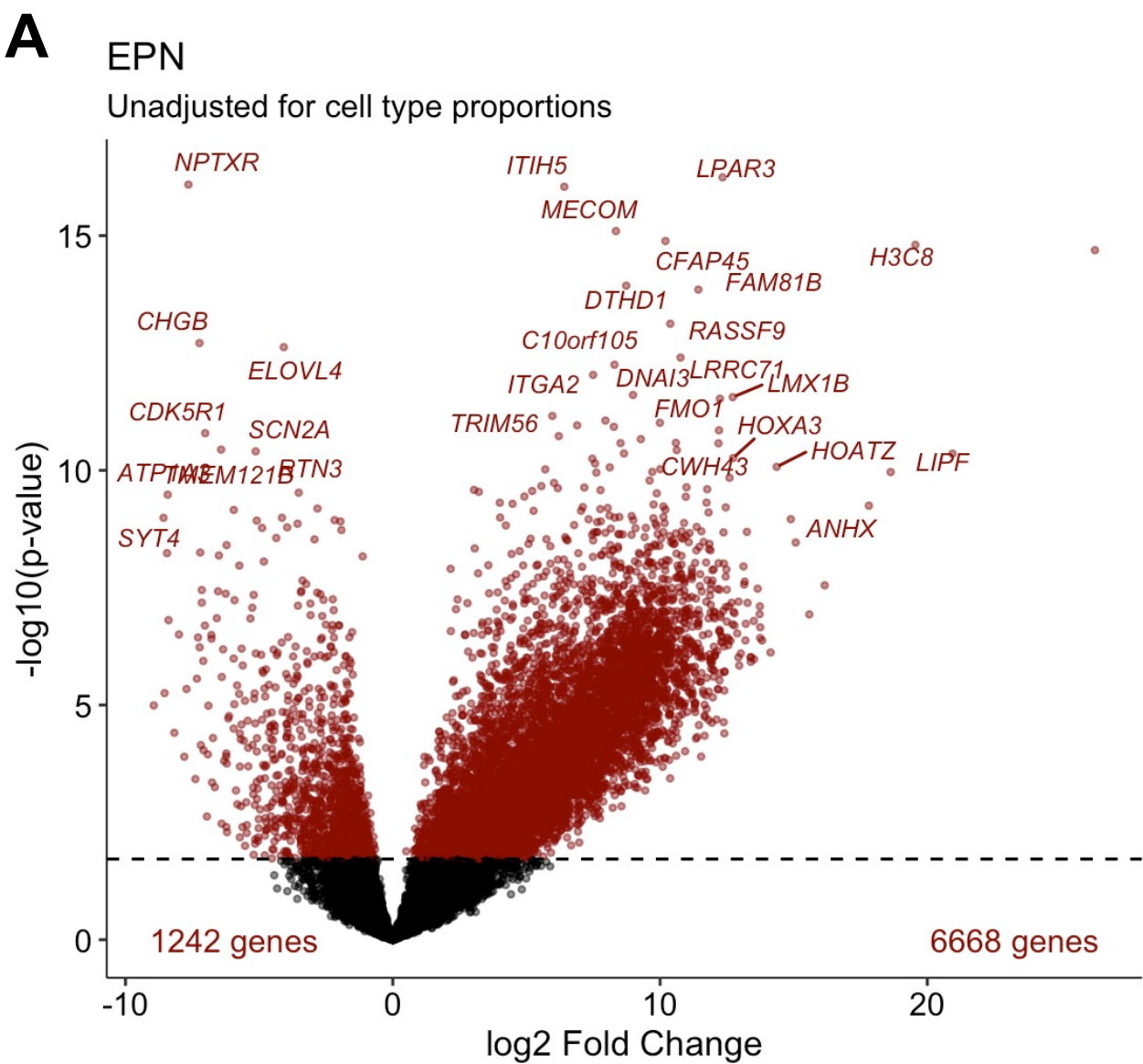
Supplementary Figure 10.



Supplementary Figure 11.

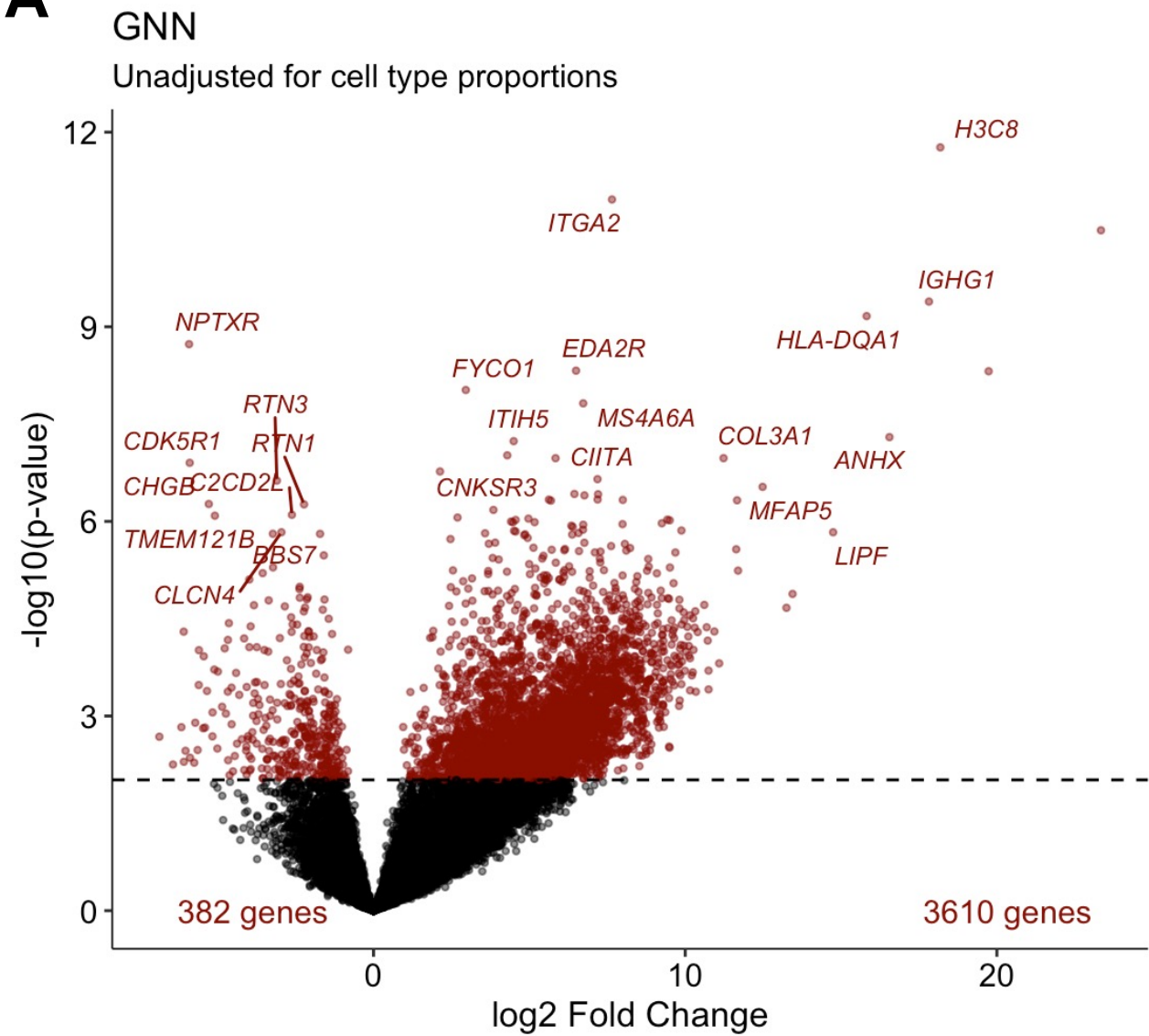


Supplementary Figure 12.

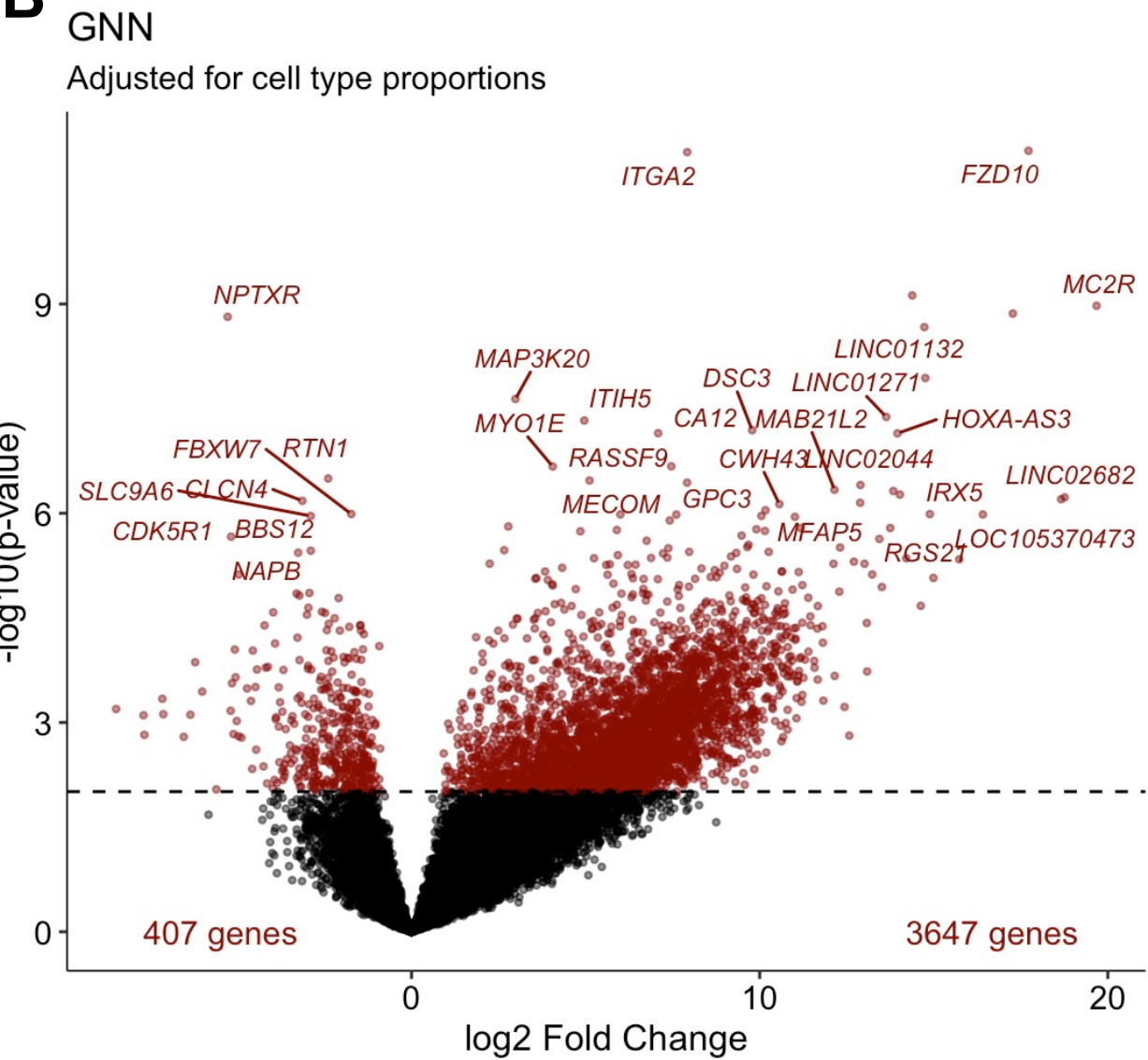


Supplementary Figure 13.

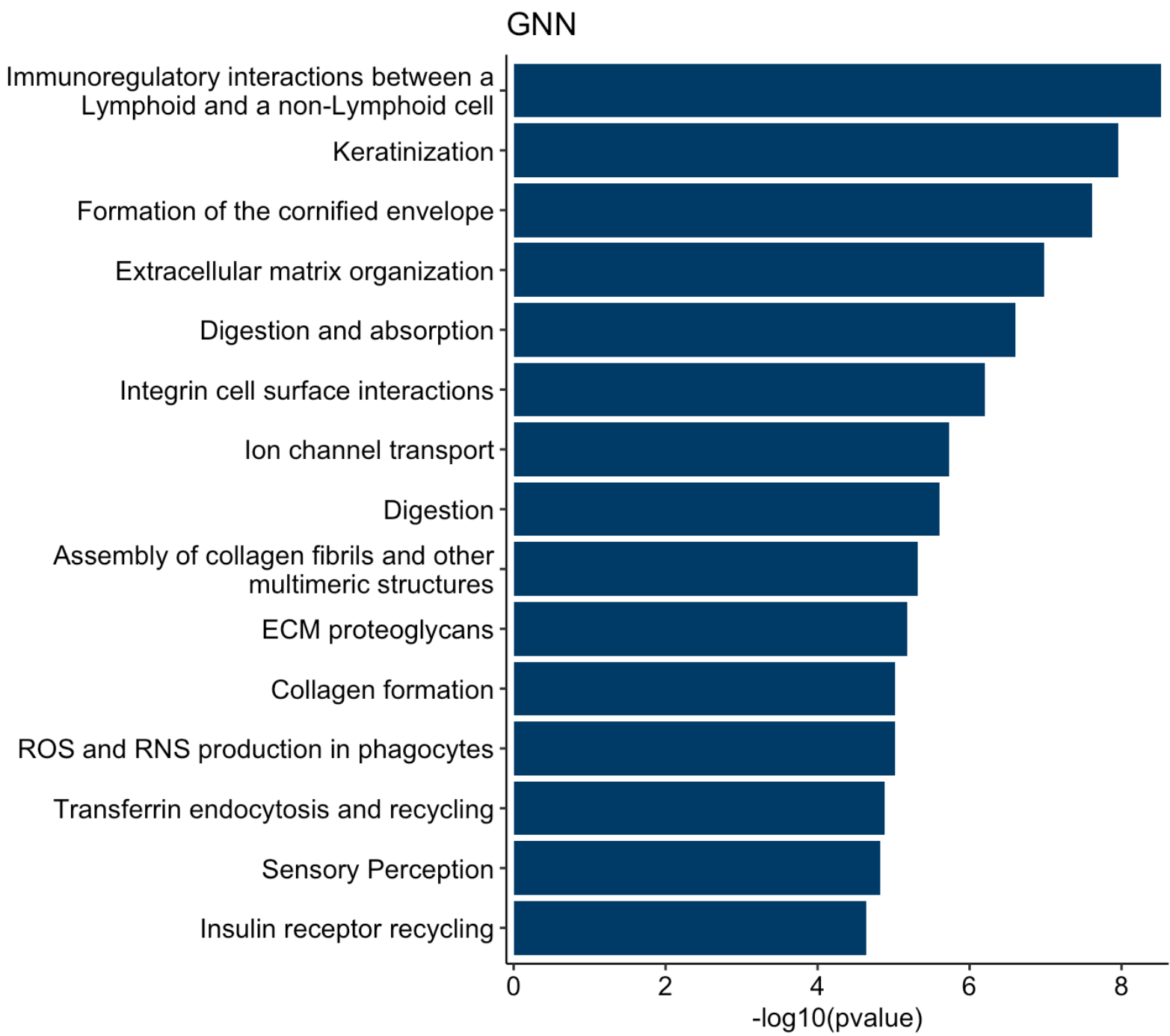
A



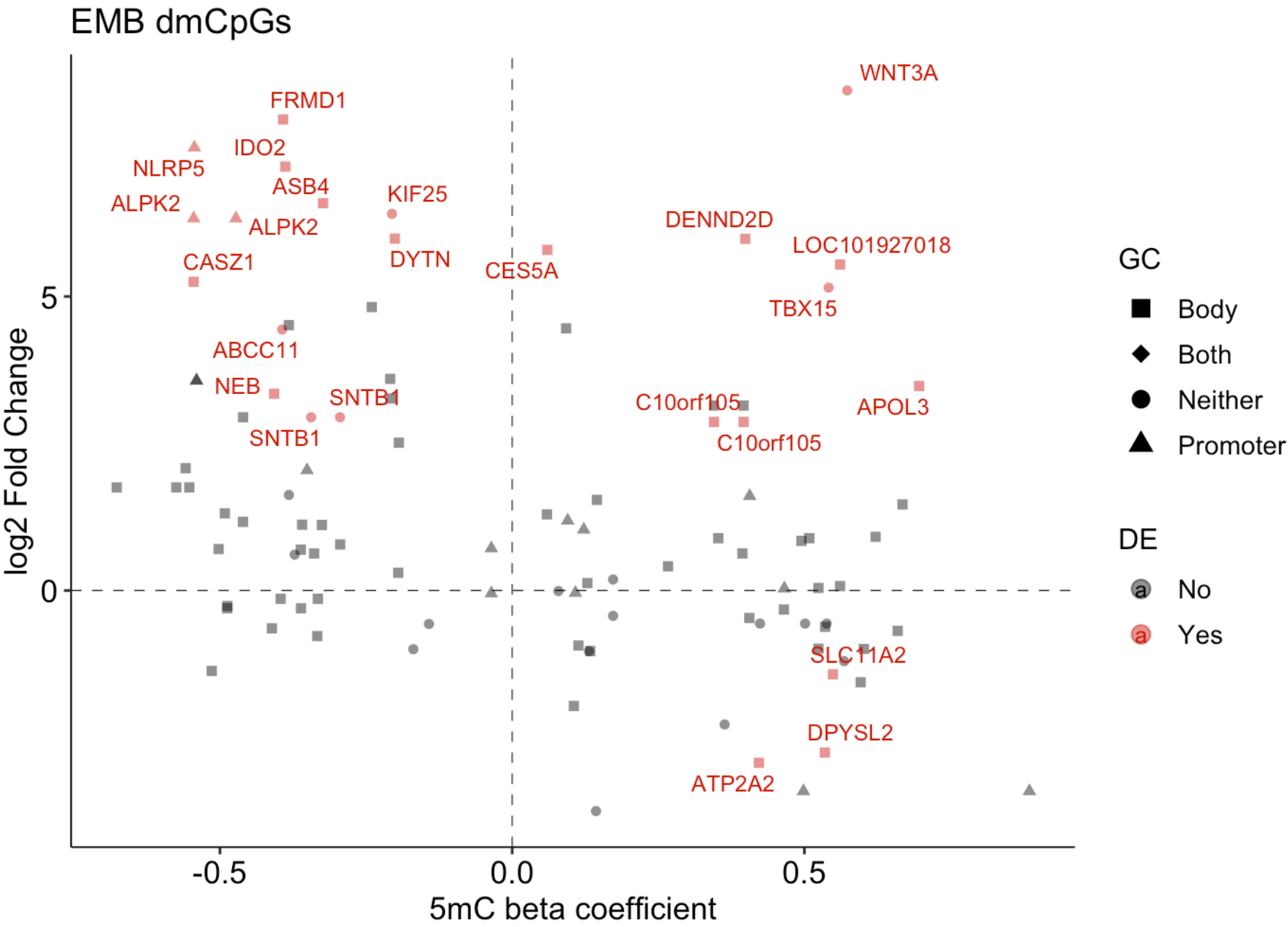
B



C

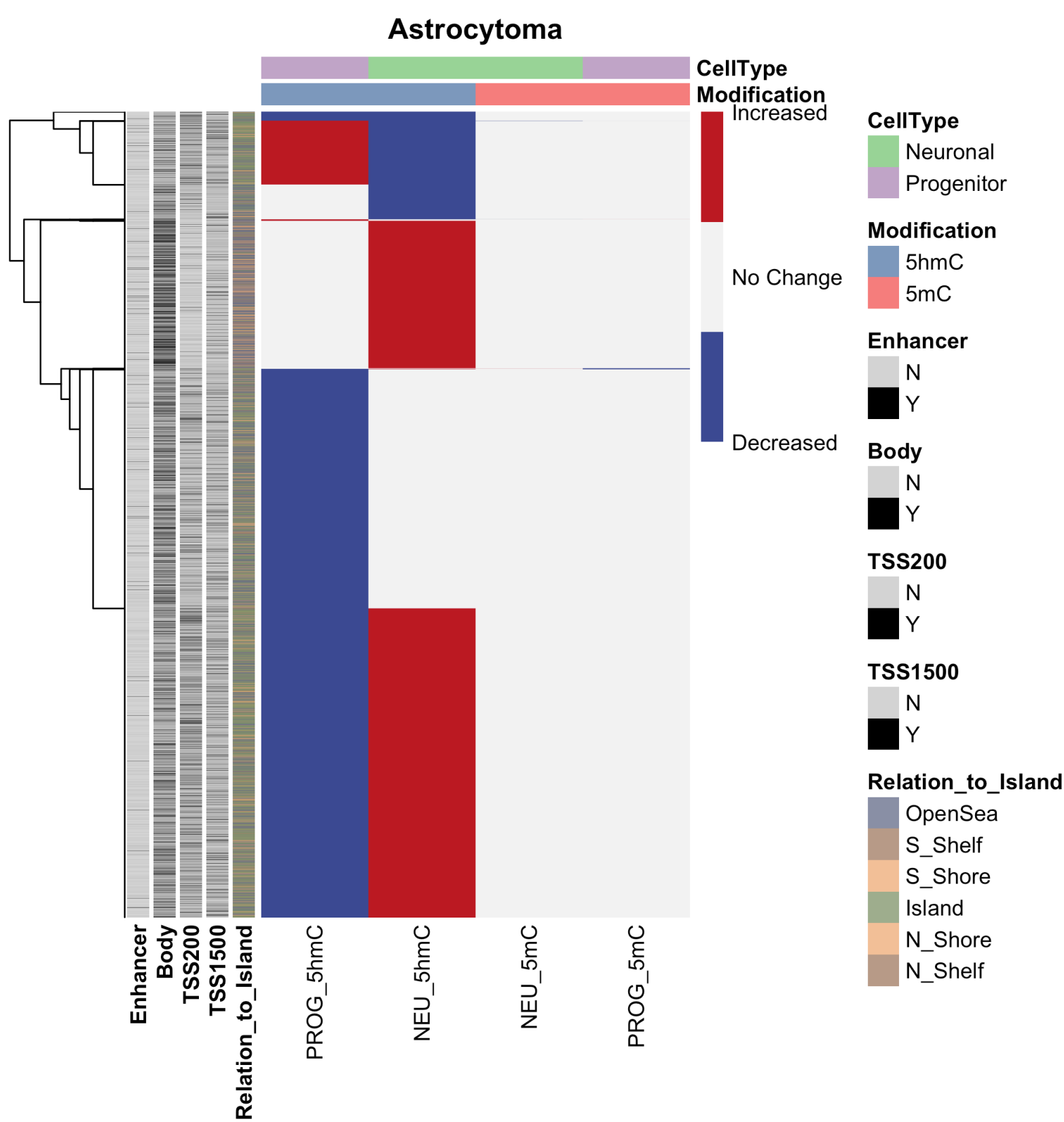


Supplementary Figure 14.

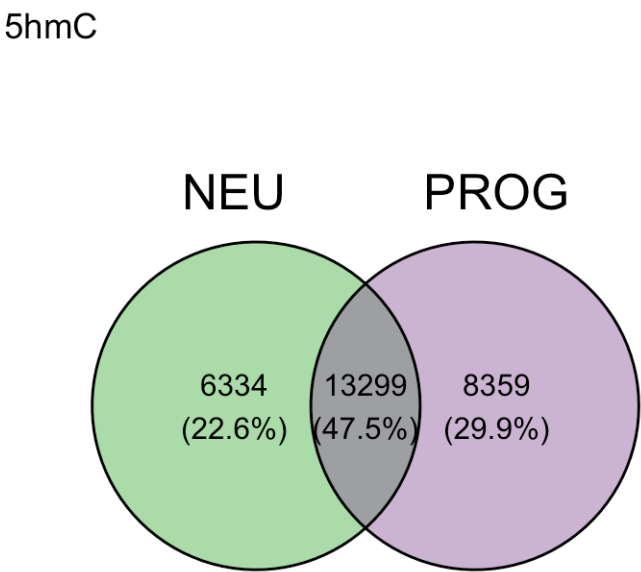


Supplementary Figure 15.

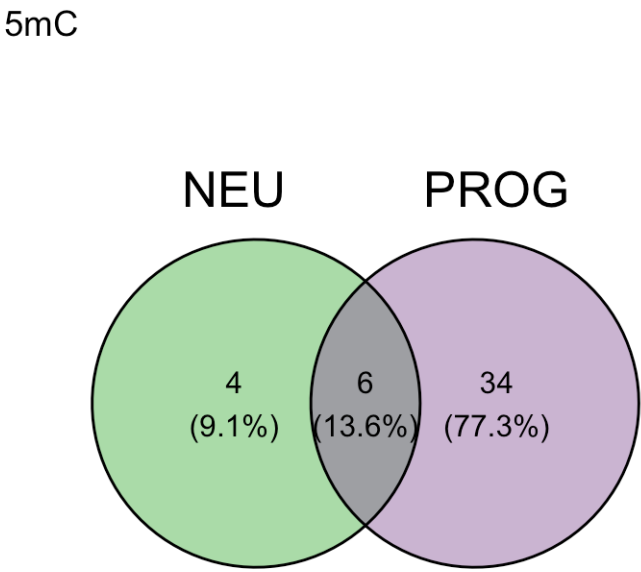
A



B

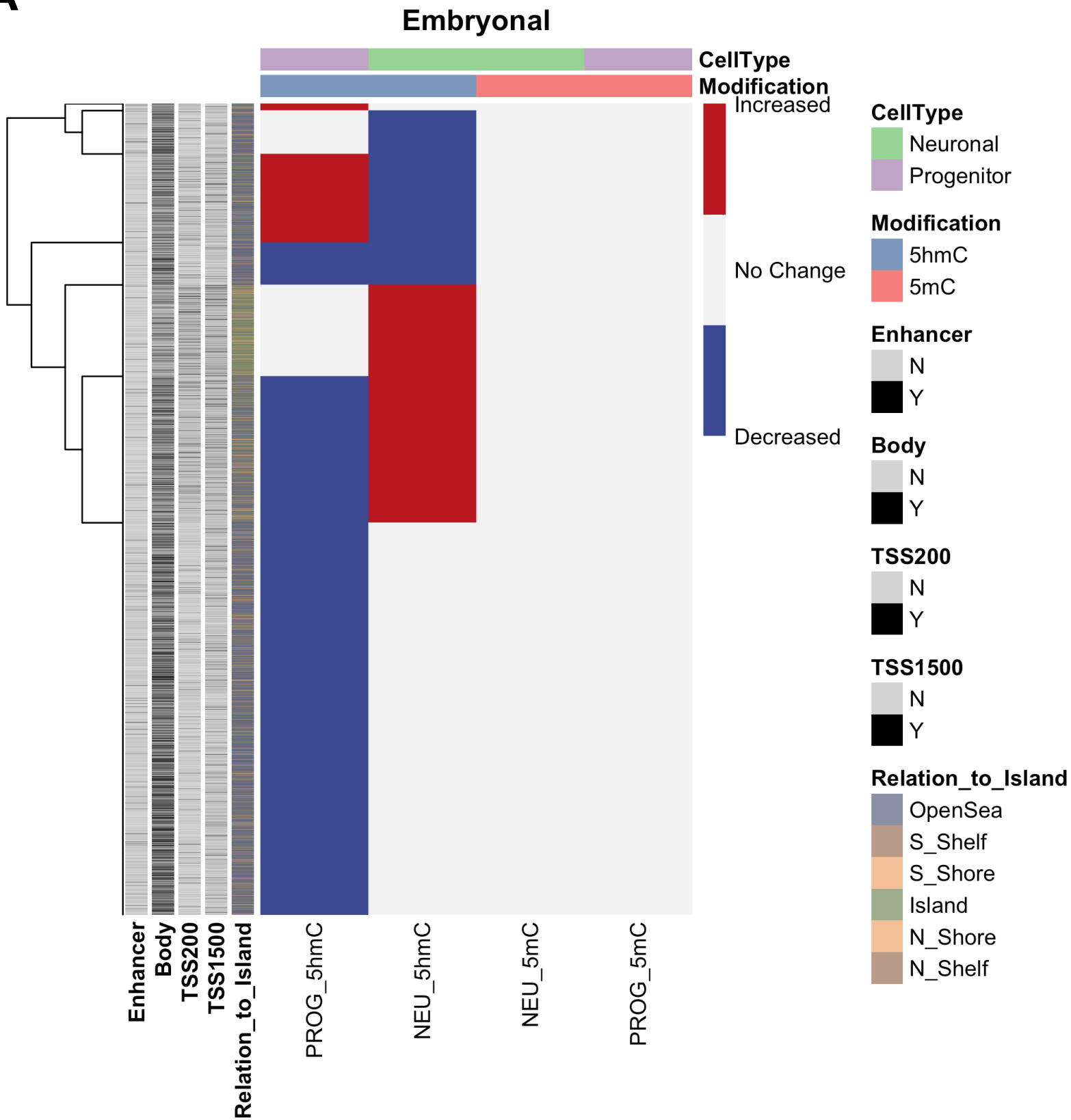


C



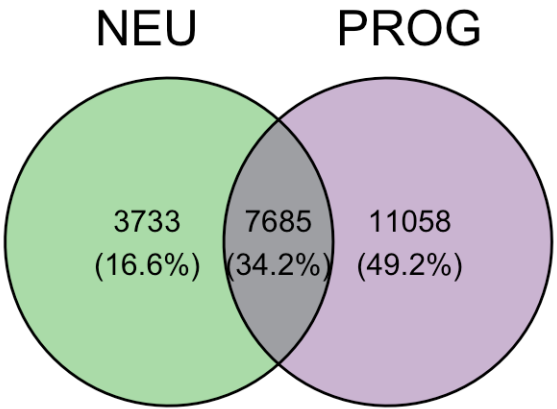
Supplementary Figure 16.

A



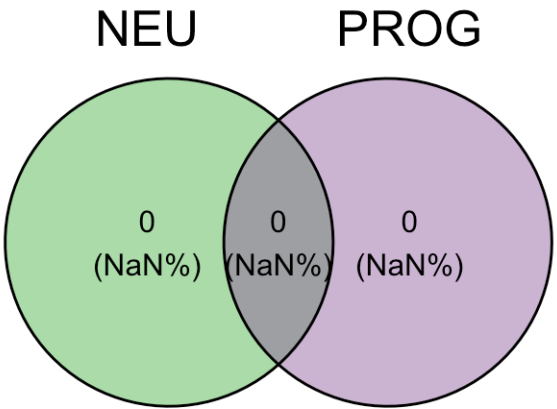
B

5hmC

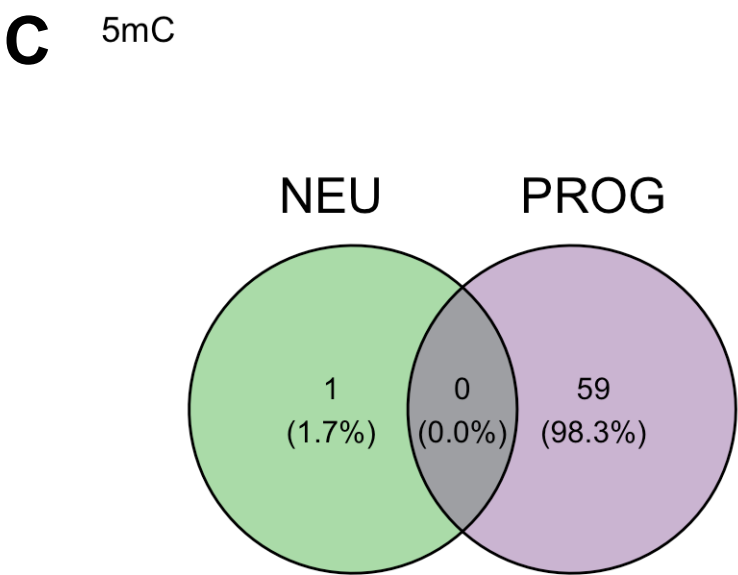
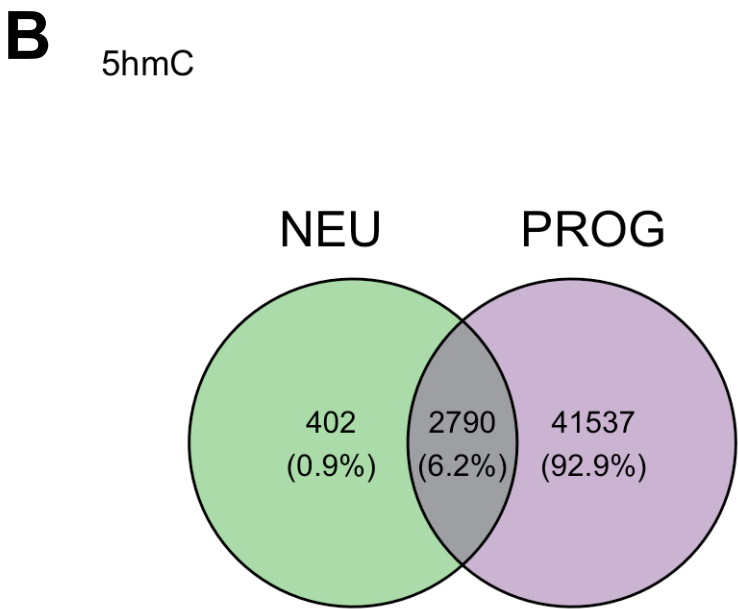
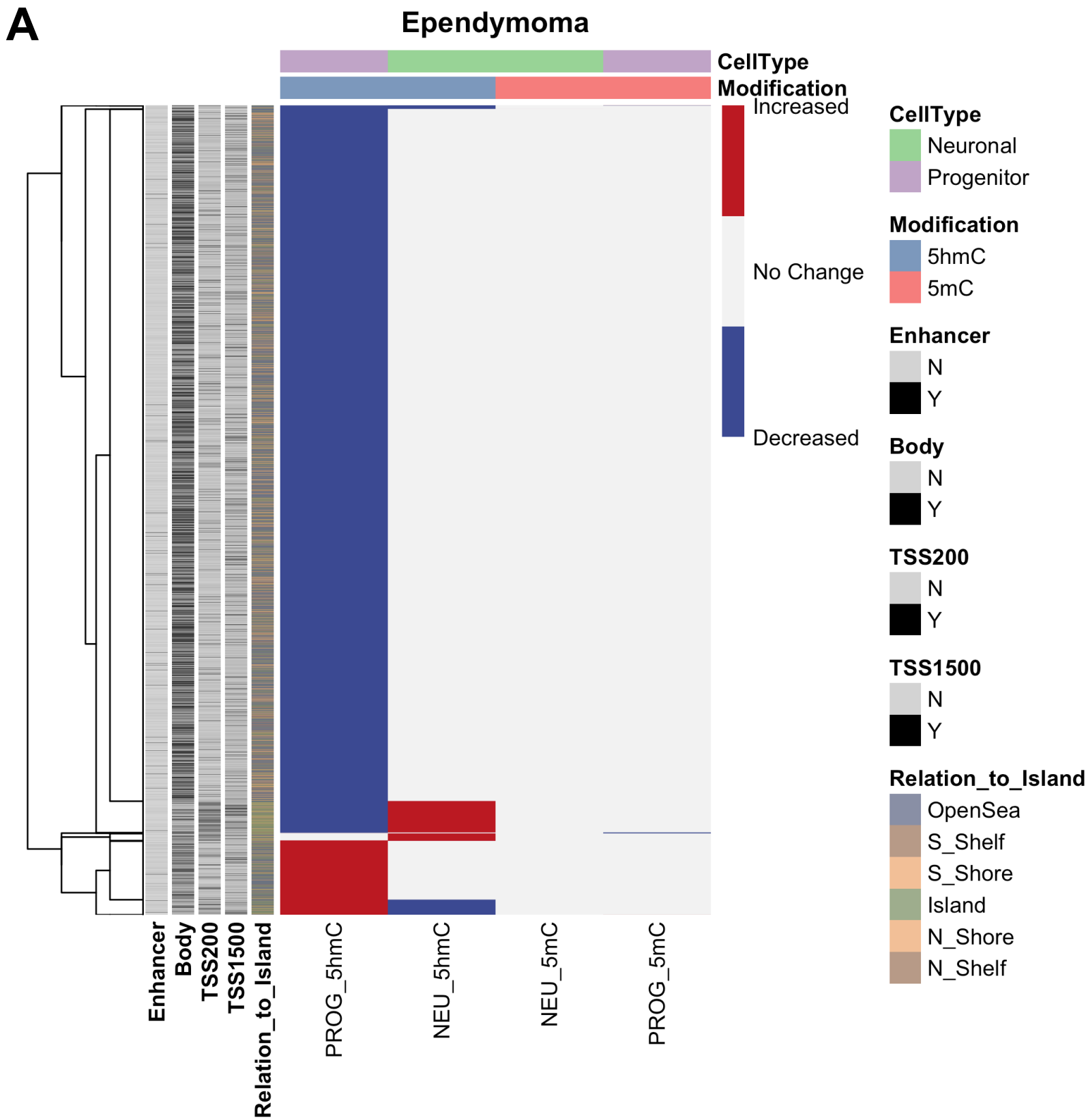


C

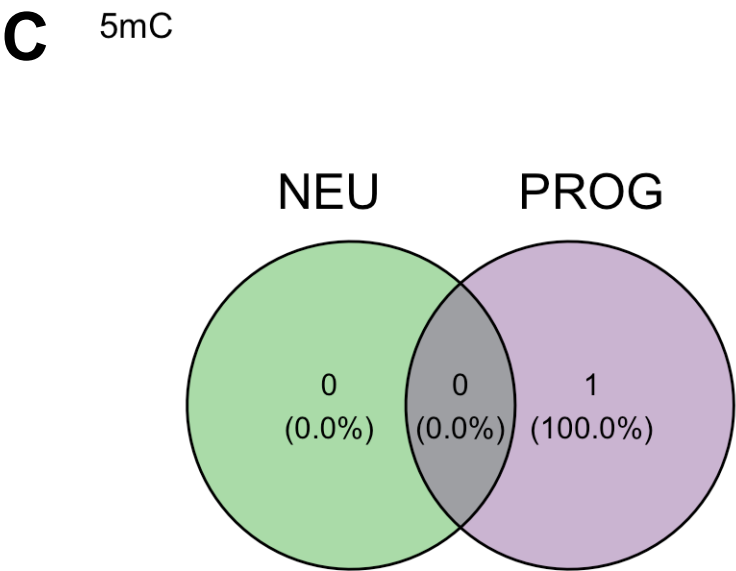
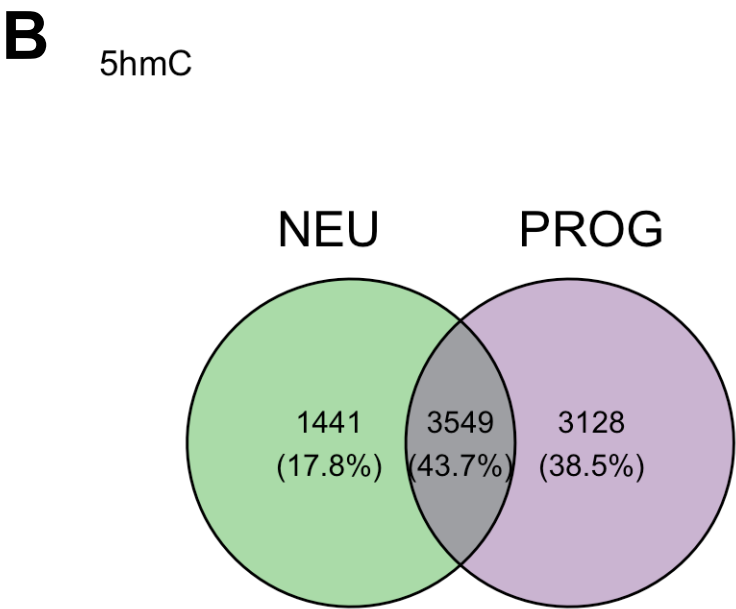
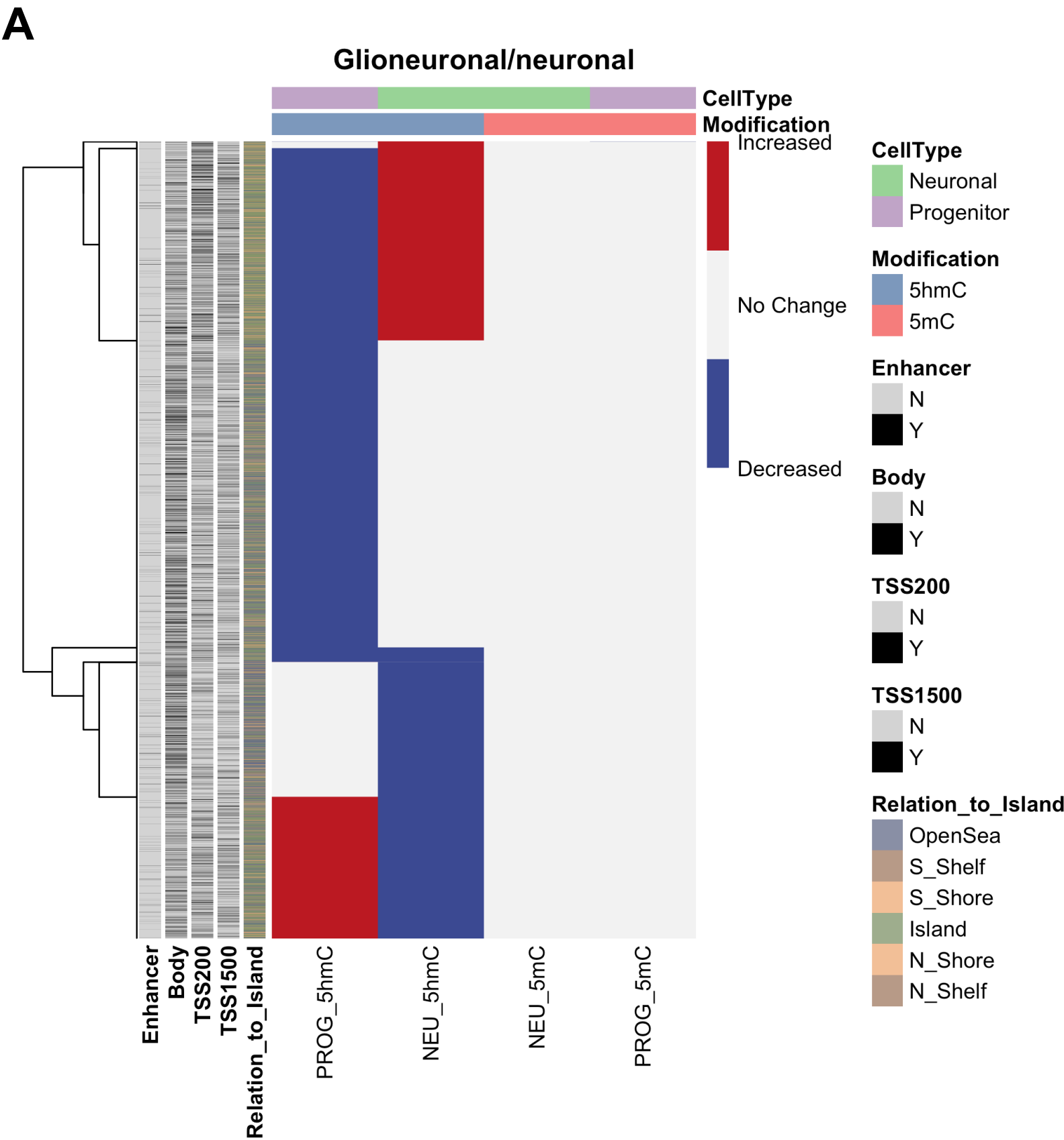
5mC



Supplementary Figure 17.

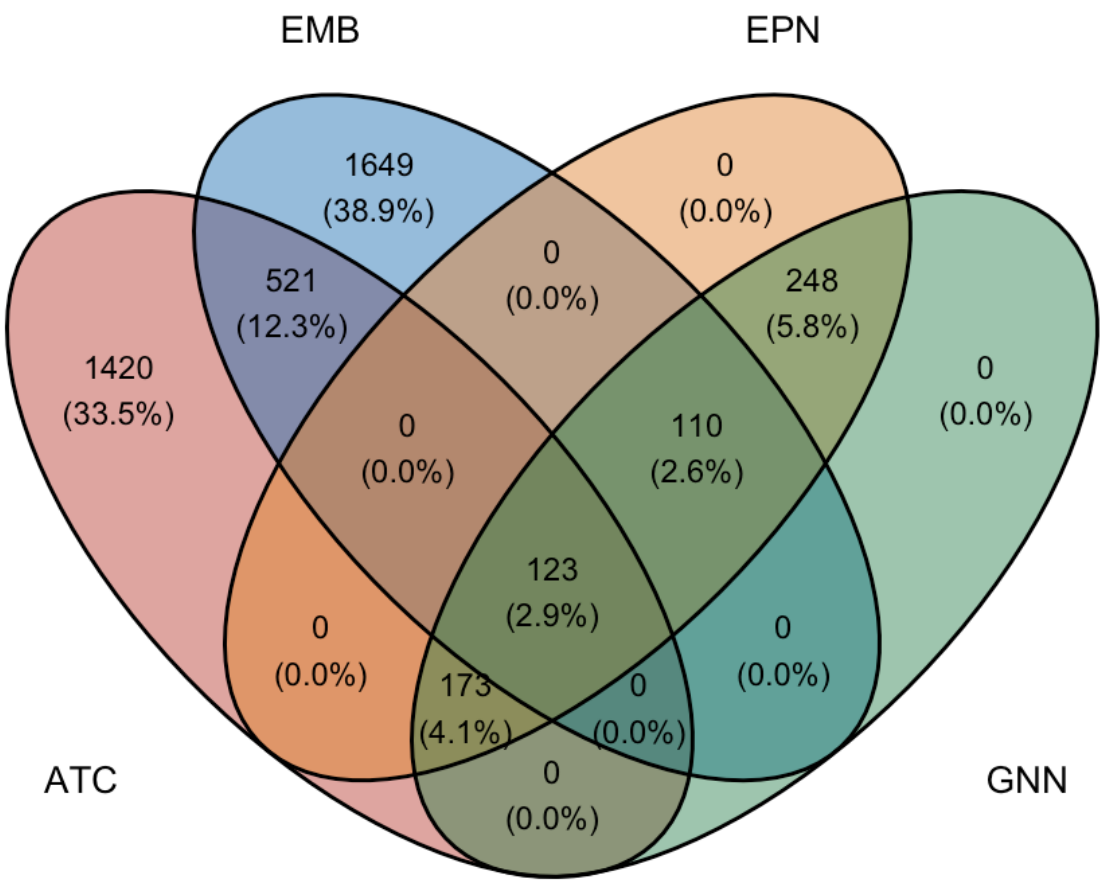


Supplementary Figure 18.

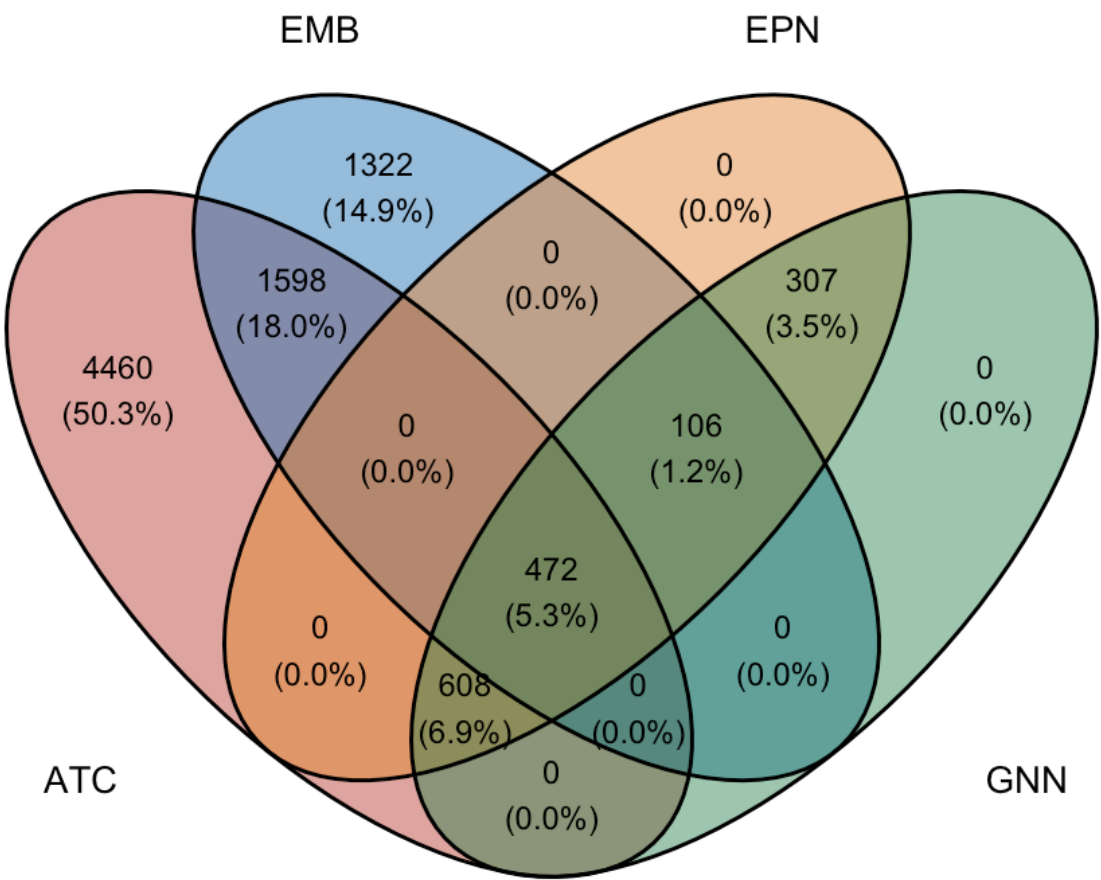


Supplementary Figure 19.

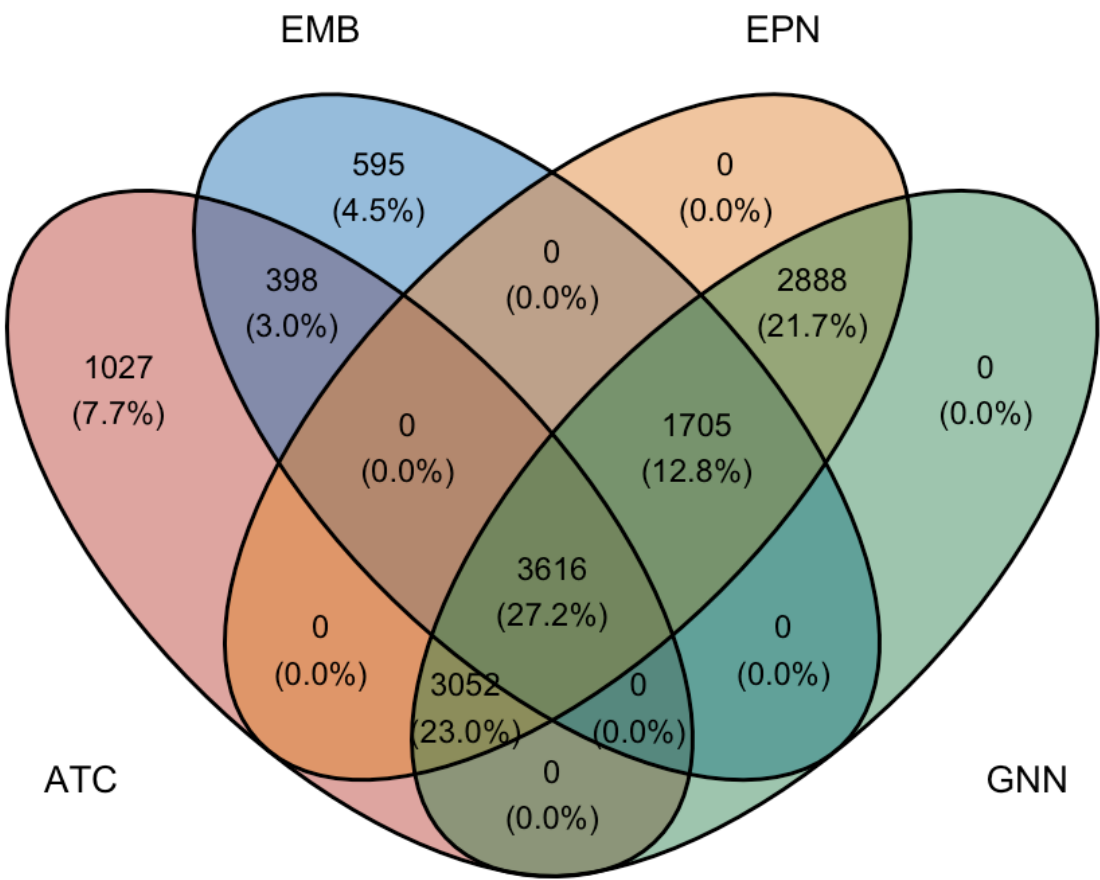
A Hypo - NEU



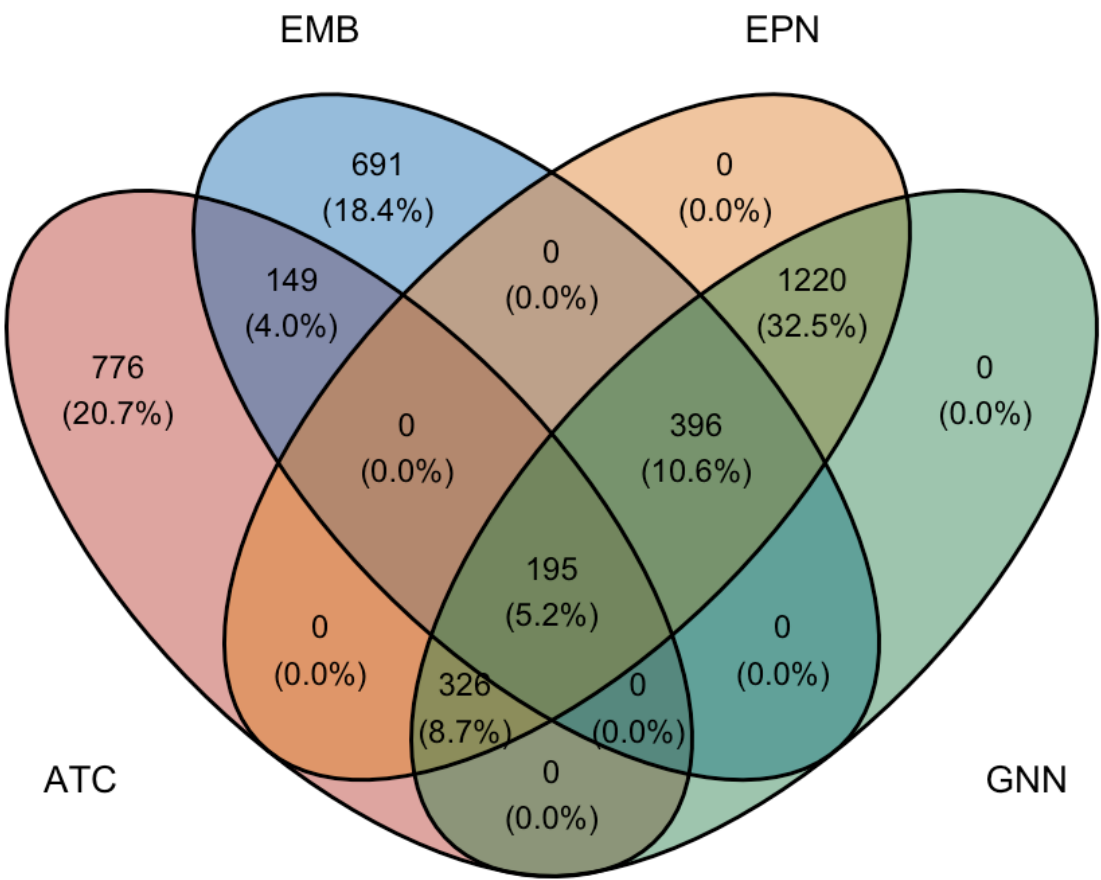
B Hyper - NEU



C Hypo - PROG

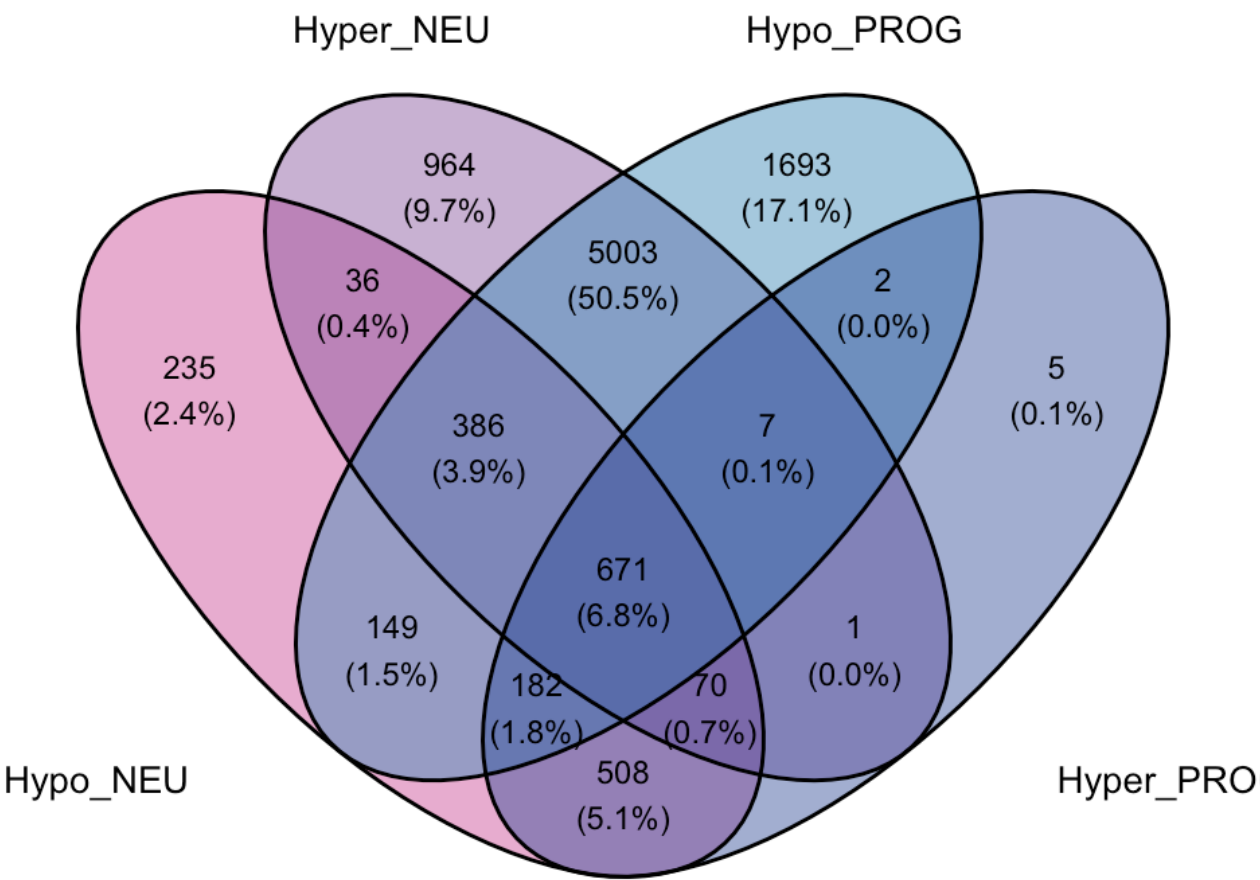


D Hyper - PROG

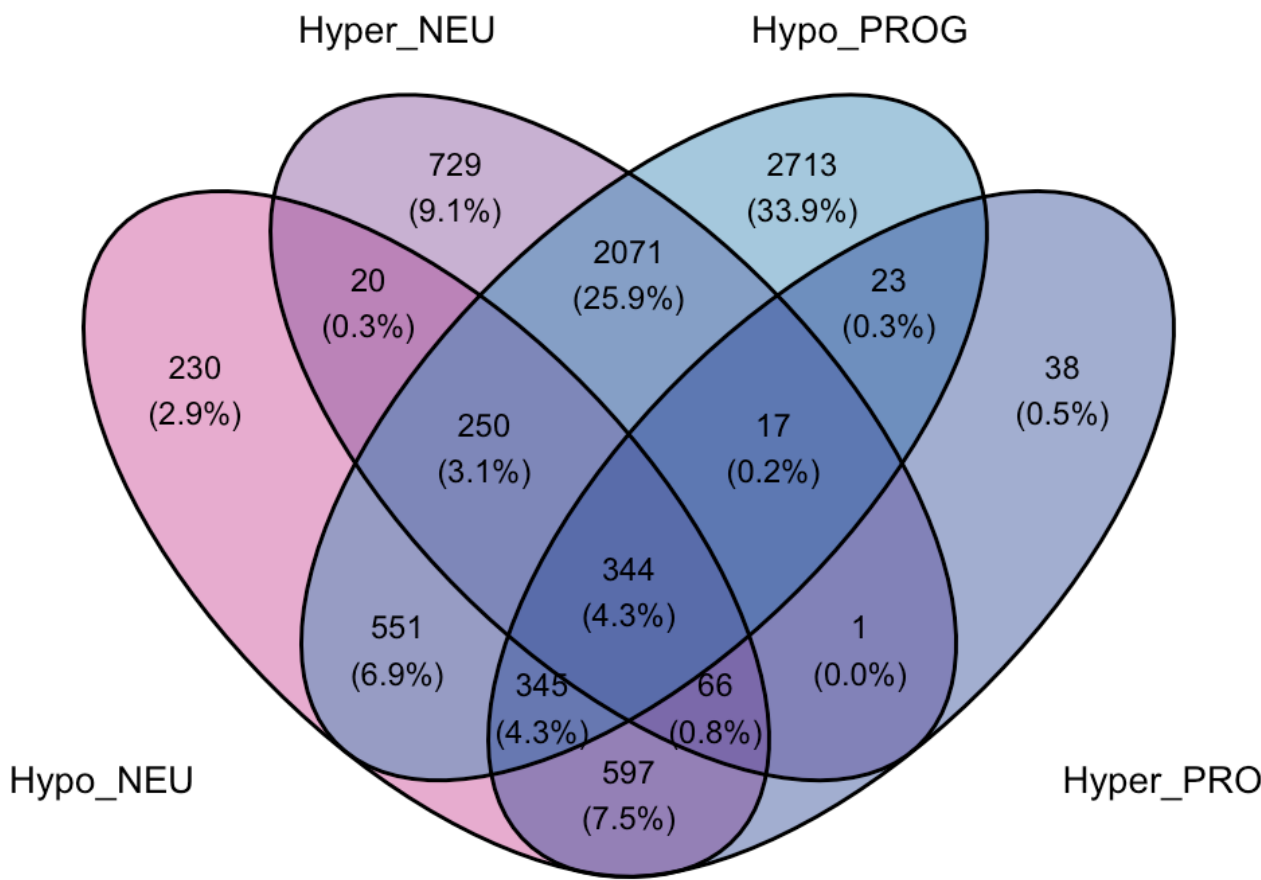


Supplementary Figure 20.

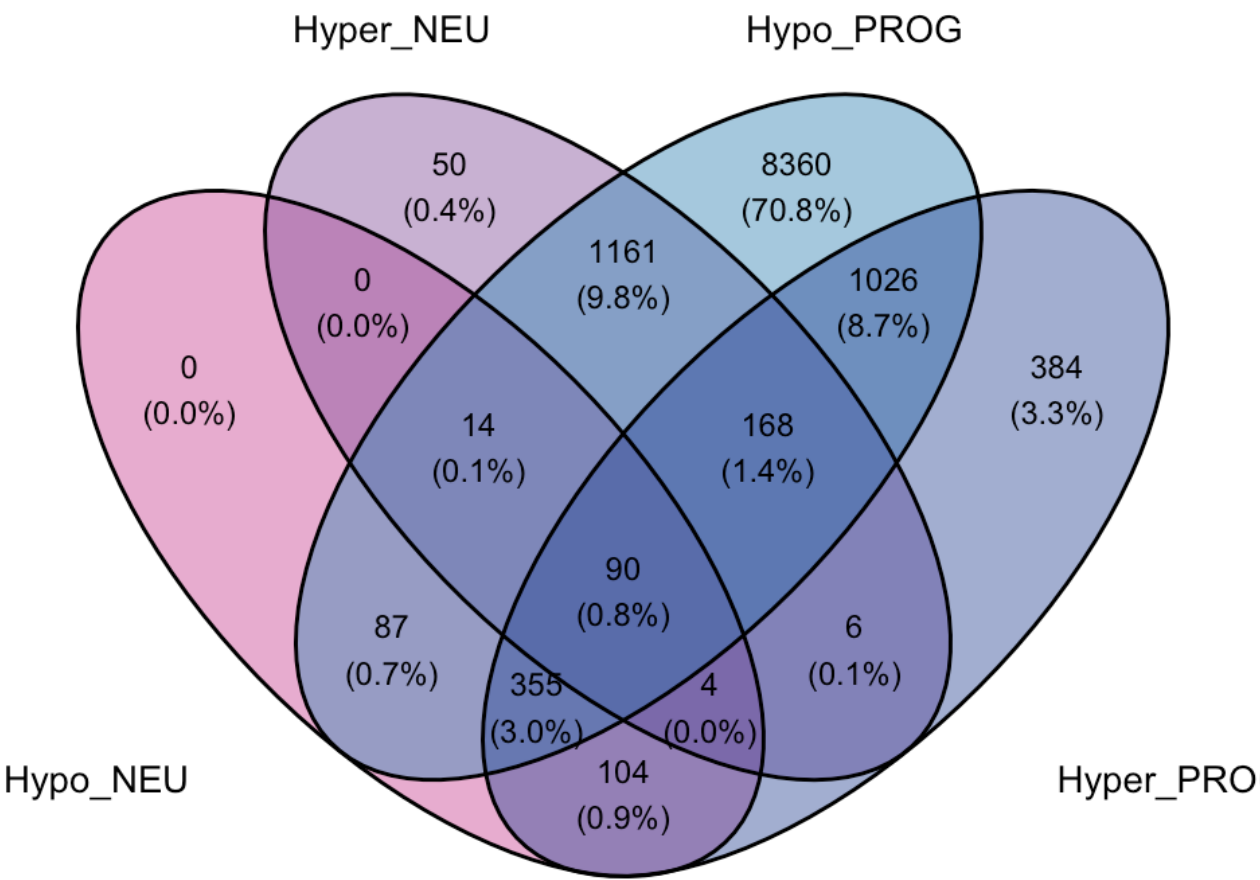
A ATC



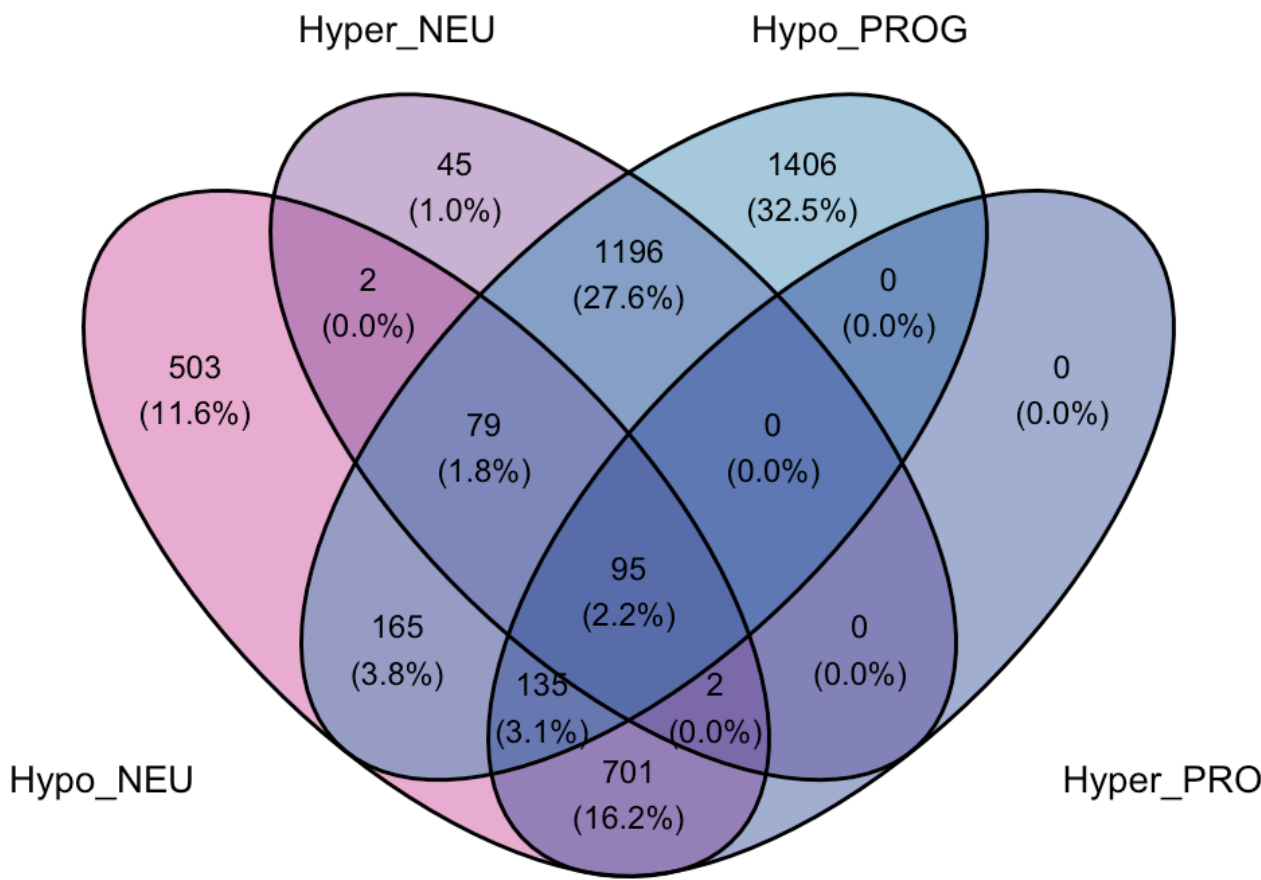
B EMB



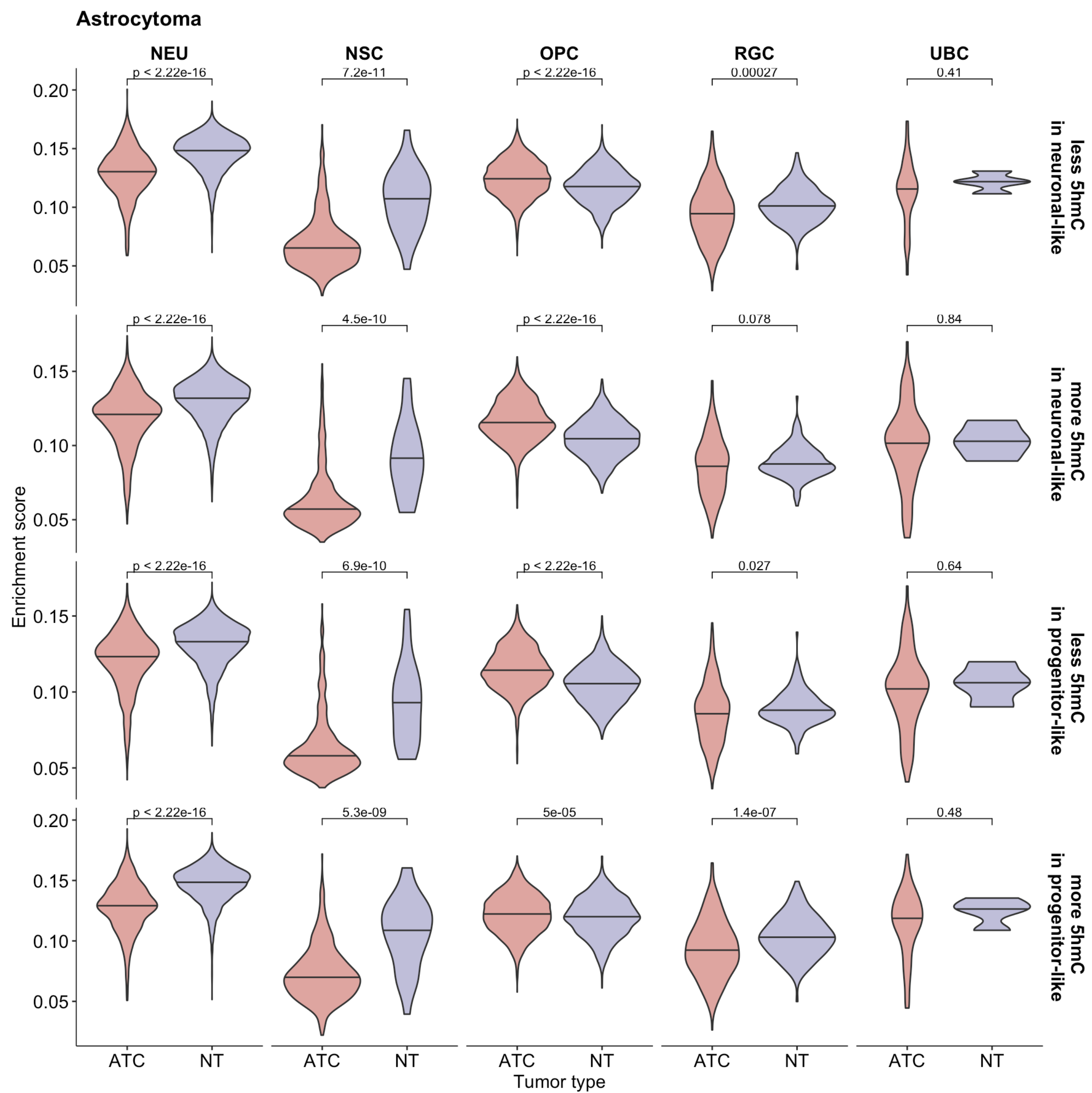
C EPN



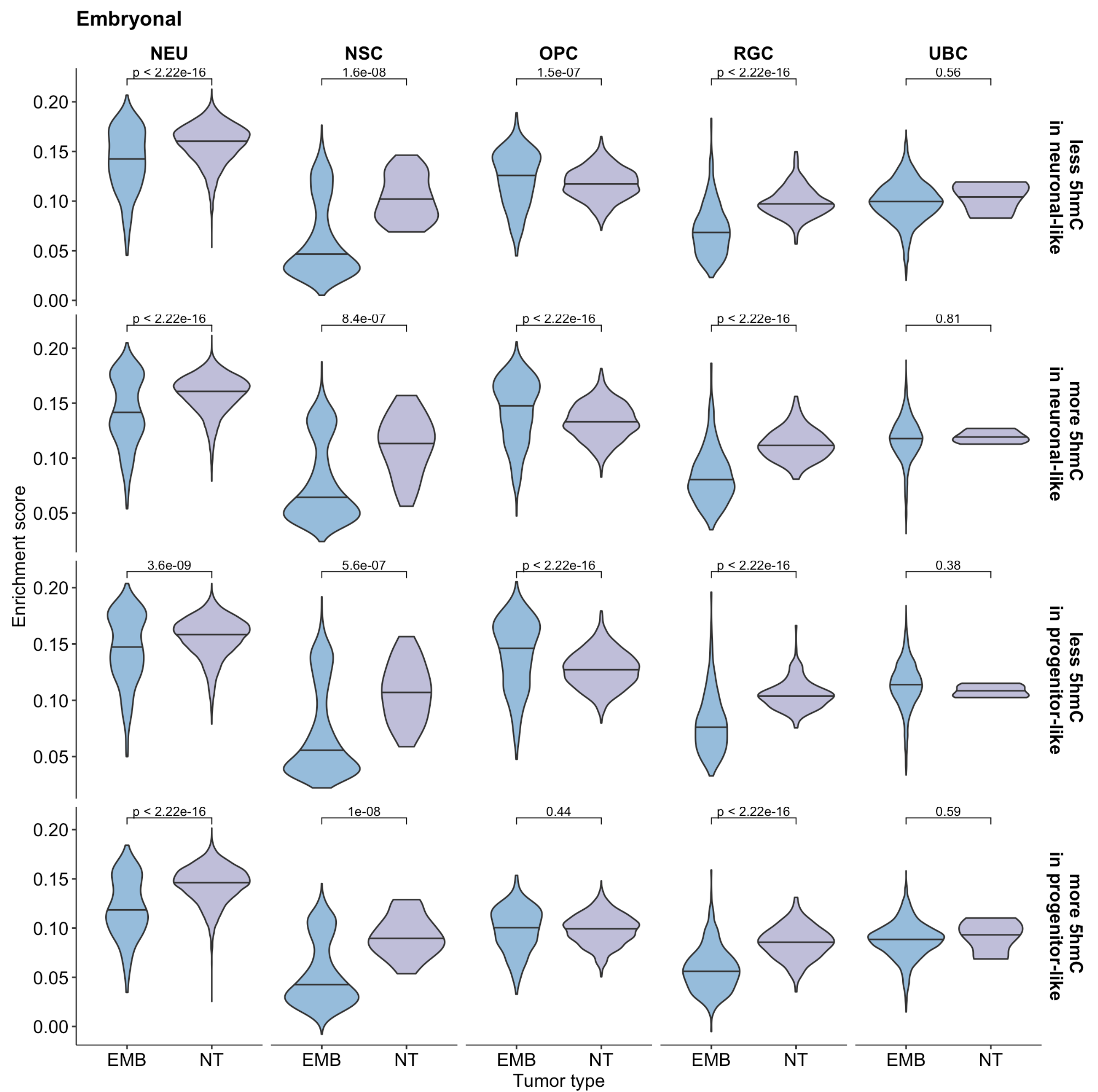
D GNN



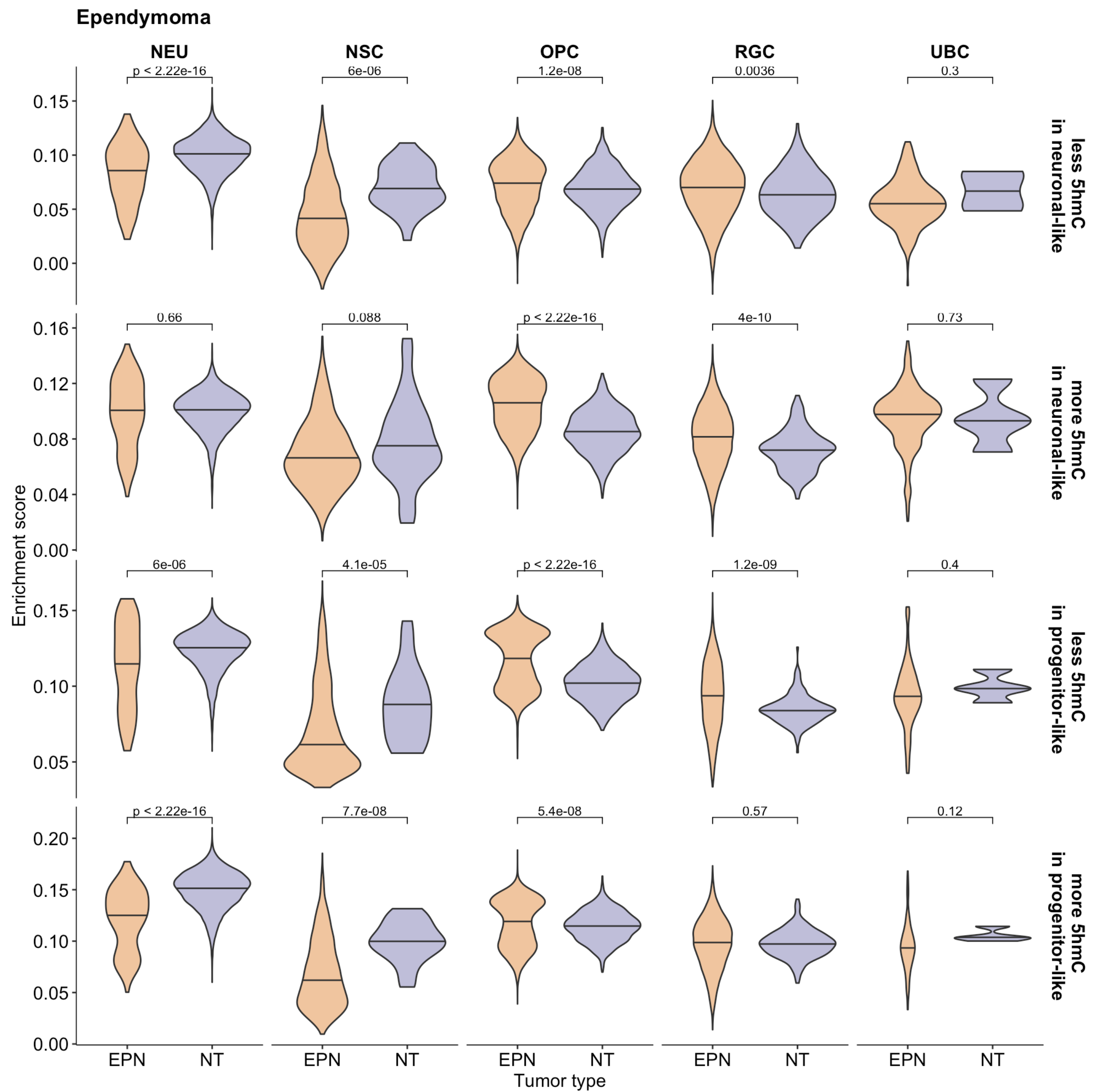
Supplementary Figure 21.



Supplementary Figure 22.



Supplementary Figure 23.



Supplementary Figure 24.

