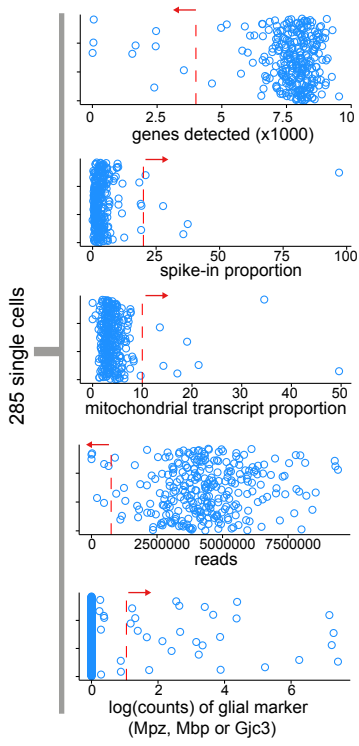


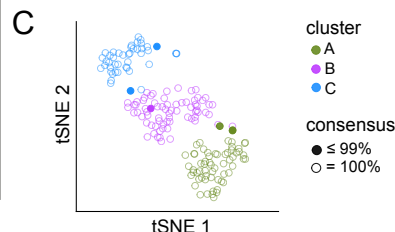
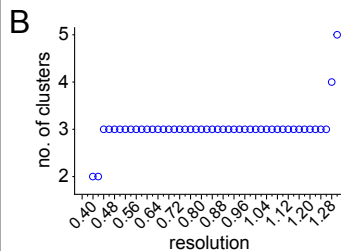
**FIGURE S1**

**A**

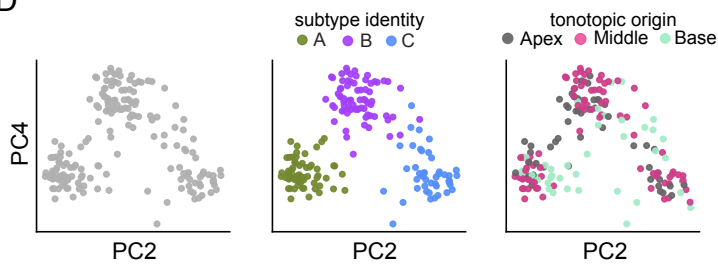


226 single cells

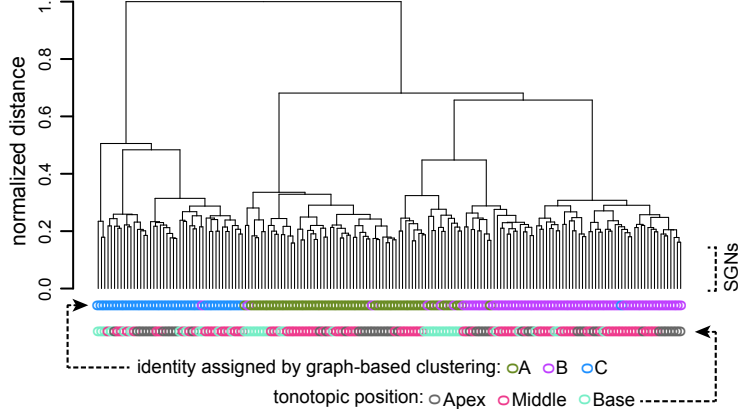
Type I	50	Wildtype
Apex	88	
Middle	41	
Type II	7	<i>Vglut3</i> <sup>-/-</sup>
Type I	40	



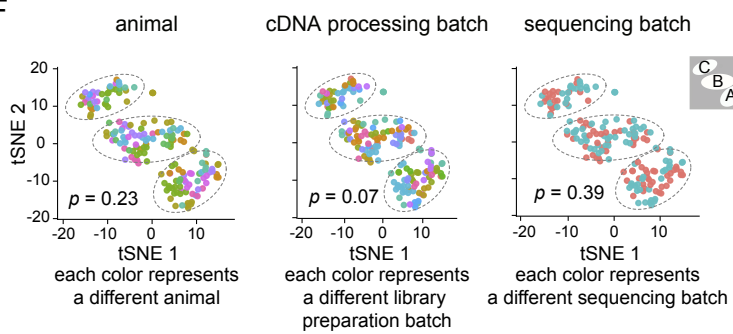
**D**



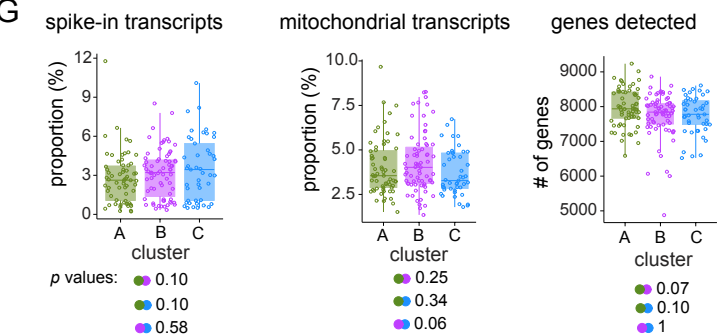
**E**



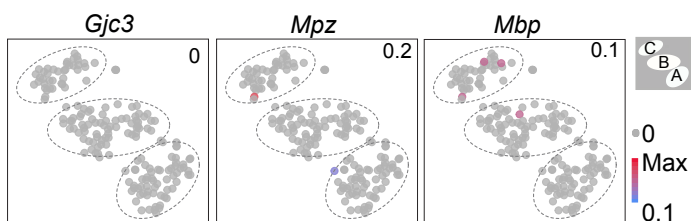
**F**



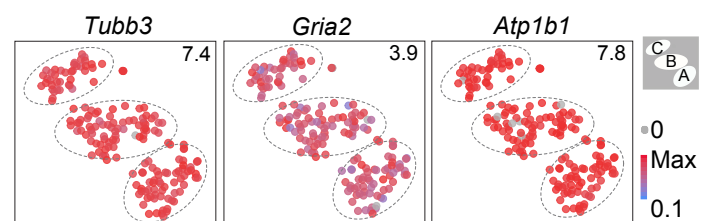
**G**



**H**

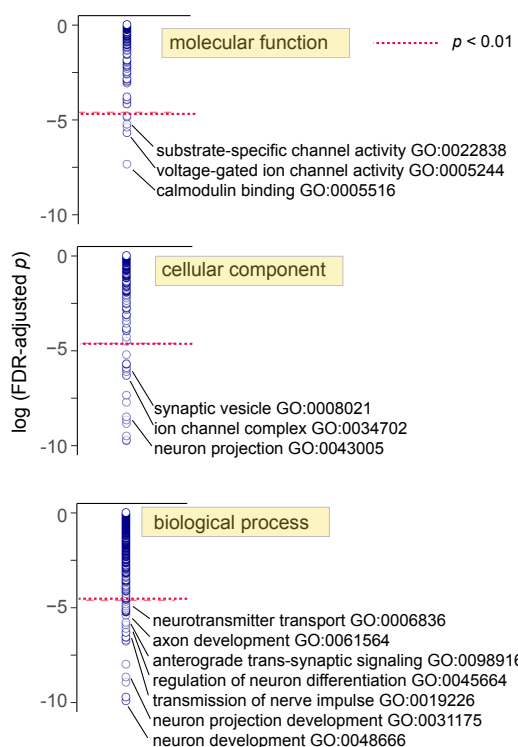


**I**



**J**

**Gene Ontology analysis : Type I vs. II SGNs**



**K**

**Gene Ontology analysis: Ia, Ib, Ic SGNs**

