

**Table S2.** List of antibodies used in this study

<b>Antibody</b>	<b>Type</b>	<b>Dilution</b>	<b>Company</b>
Zonula occludens 1 (ZO-1)	Primary	1:100	BD
STEM121	Primary	1:1000	Millipore
Lmx1a	Primary	1:1000	Millipore
Otx2	Primary	1:1000	Thermo Fisher
Doublecortin (Dcx)	Primary	1:1000	Millipore
Tyrosine hydroxylase (Th)	Primary	1:500	Thermo Fisher
Alexa Fluor 458 Anti-Mouse	Secondary	1:1000	Millipore
Alexa Fluor 645 Anti-Goat	Secondary	1:400	Millipore