

Supplementary Table 1. List of primers

Primer	Company	Cat. no.
ASCL1	Qiagen	QT00058380
EDNRB	Qiagen	QT00014343
HOXB3	Qiagen	QT00093898
HOXB5	Qiagen	QT00026740
GAPDH	Qiagen	QT00079247
PAX3	Qiagen	QT00009275
PHOX2B	Qiagen	QT00015078
TUJ1	Qiagen	QT00089775

Supplementary Table 2. List of antibodies

Antibody	Species	Company	Cat. no.	Dilution for staining
5-HT	Rabbit	Sigma	S5545	1:1000
GABA	Rabbit	Sigma	A2052	1:1000
nNOS	Rabbit	Santa Cruz	sc648	1:200
TUJ1	Mouse	BioLegend	801202	1:1000