

*SI Table Primer information of RT-PCR*

Gene		PRIMER SEQUENCE (5'-3')	Tm °C
<b>HNK-1</b>	forward	CTGGAGTCTGAGAAGGGGTC	60
	reverse	CGGAGACGCTCCGGACT	
<b>NTRK1</b>	forward	TCAACAAAATGTGGACGGAGA	60
	reverse	GTGGTGAACACAGGCATCAC	
<b>TH</b>	forward	CACGAAGTACTCCAGGTGGG	60
	reverse	CGAGCTGTGAAGGTGTTTGA	
<b>MYCN</b> 3 transcript variants	forward	CTTCGGTCCAGTTTCTCAC	60
	reverse	GTCCGAGCGTGTCAATTTT	
<b>MYCN</b> 2 transcript variants	forward	CACAGTGACCACGTCGATT	60
	reverse	CACAAGGCCCTCAGTACCTC	
<b>SOX10</b>	forward	CTTTCTGTGCTGCATACGG	60
	reverse	AGCTCAGCAAGACGCTGG	
<b>SNAIL</b>	forward	TTTACCTCCAGCAGCCCTA	60
	reverse	CCCACTGTCTCATCTGACA	
<b>C-MYC</b>	forward	GCGTCTGGGAAGGGAGATCCGGAGC	60
	reverse	TTGAGGGGCATCGTCGGGAGGCTG	
<b>PHOX2α</b>	forward	CTTCCAATACAGCCCCTG	58
	reverse	ATGGCTCTGGGAAGAACTTG	
<b>PHOX2β</b>	forward	CTTCGGGAGACTCACTACC	60
	reverse	GTCGTCCCTGGAAGAGTCAG	
<b>CCND1</b>	forward	TCCTCTCCAAAATGCCAGAG	60
	reverse	GGCGGATTGAAATGAACTT	
<b>BMI1</b>	forward	TTCATTGATGCCACAACCAT	60
	reverse	CATTTTTGAAAAGCCCTGGA	
<b>HAND2</b>	forward	CAGCAACGACAAGAAAACCA	60
	reverse	GGATGATTCCAATGCAAGG	
<b>GATA3</b>	forward	CTCATTAAAGCCCAAGCGAAG	60
	reverse	TTTTTCGGTTTCTGGTCTGG	
<b>EZH2</b>	forward	TTGTCAATGTAGTTCAGAG	60
	reverse	GTAGCACGGGCACTGCTTG	
<b>MASH1</b>	forward	CGGCCAACAGAAGATGAGT	60
	reverse	CCGACGAGTAGGATGAGACC	
<b>Peripherin</b>	forward	AAGACGACTGTGCCTGAGGT	60
	reverse	ATGCAGAGGGAGAGGAGACA	
<b>NGFR</b>	forward	ACCTCATCCCTGTCTATTGCTCC	60
	reverse	GCTGTTGGCTCCTGCTTGT	
<b>CDKN2α</b>	forward	CTTCCTGGACACGCTGGT	60
	reverse	CATGGTTACTGCCTCTGGTG	
<b>CDKN2β</b>	forward	GGGGACTAGTGGAGAAGGTG	60
	reverse	GGTGAGAGTGGCAGGGTC	
<b>P21</b>	forward	CGACTGTGATGCGCTAATGG	60
	reverse	CTGCCTCTCCCAACTCATC	
<b>Tuj1</b>	forward	CCAGCTGCAAGTCCGAGT	58
	reverse	CGCCAGTATGAGGGAGAT	
<b>MAP2</b>	forward	GCCTTGTTATTCTCCTGCAA	60
	reverse	GAGGAAGCATTGATTGGGAG	
<b>α-SMA</b>	forward	AGGAAGGACCTCTATGCTAACAT	58
	reverse	AACACATAGGTAACGAGTCAGAGC	
<b>GAPDH</b>	forward	AGGGTCATCATCTCTGCC	60
	reverse	CCATCACGCCACAGTTTC	