

**Table S5.** RT-Primer pairs (5'-3'):

HOXA1	for rev	GCCGTACTCTCCAACCTTTC CTCGCCTCAATACATTCACC
SNAP25	for rev	GCCAGATCGACAGGATCATG CAACCTTTGGAAAGAAAGAGAC
NANOG	for rev	CCTCAGCCTCCAGCAGATG GGTCTGGTTGCTCCACATTG
OCT4	for rev	CTGACAACAATGAAAATCTTCAG GTTACAGAACCACACTCGGAC
$\beta$ -ACTINE	for rev	GATCAAGATCATTGCTCCTCCTG CTAGAAGCATTGCGGTGGAC
NESTIN	for rev	GCGGCTGCGGGCTACTGAAA CCAGGAGGGTCCTGTACGTGGC
$\beta$ -TUBULIN III	for rev	CACGAGCACACTGTGGGGCA ACTTCCCAGAACTGTGGACGCCTG