

**Table S13. Gene-specific primers and Taqman® probes that were used in q-PCR experiments.**

Gene-specific primers used for Oct4 (302 bp product) were GGCGTTCTCTTTGGAAAGGTGTT (forward) and CTCGAACCACATCCTTCTCT (reverse), and those for *Ccna2* (212 bp product) were GATAGATTCCTCTCCTCCATG (forward) and TCACACACTTAGTGTCTCTGG (reverse).

Probe Name	Applied Biosystems Assay ID/ Catalog No.	Probe Name	Applied Biosystems Assay ID/ Catalog No.
Bmpr1a	Mm01208758_m1	Mouse b-actin	4352341E
Pou5f1	Mm00658129_gH	Mouse b-actin	4352933E
Klf9	Mm00495172_m1	Mouse Gapdh	4352932E
Fgf4	Mm00438917_m1		
Sall4	Mm01240680_m1		
Bclaf1	Mm00464127_m1		
Yy1	Mm00456392_m1		
Pknox1	Mm00479320_m1		
Gata4	Mm00484689_m1		
Mta2	Mm00488671_m1		
Rest1	Mm00803268_m1		
Tcf15	Mm00626495_m1		
Dppa5	Mm01171664_g1		
Bmpr1a	Mm00477650_m1		
Fgfr1	Mm00475318_g1		
Il17rd	Mm00460340_m1		
Ubtf	Mm00456972_m1		
Gtf3c4	Mm00557022_m1		
Gtf3c2	Mm00510828_m1		
Polr3e	Mm00491765_m1		
Polr3a	Mm00805896_m1		
Eif3b	Mm00659801_m1		
Eif3s10	Mm00468721_m1		
Piwil2	Mm00502383_m1		
Eif4e	Mm00725633_s1		
Polr2h	Mm01344328_g1		
Eif2c5	Mm01305462_m1		
Eif3c	Mm01278697_m1		
Eif5b	Mm01227234_m1		
Papola	Mm01334253_m1		
Eif3e	Mm01700222_g1		
Sox2	Mm03053810_s1		