

primer	sequence				
GAPDH-F	TGGTATCGTGGAAGGACTCATGAC				
GAPDH-R	ATGCCAGTGAGCTTCCCGTTCAGC				
OCT3A -F	GATGGCGTACTGTGGGCC				
OCT3A-R	TGGGACTCCTCCGGGTTTTG				
hBrach-F	AATTGGTCCAGCCTTGAAT				
hBrach-R	ACAGGCTGGGGTACTGACTG				
FOXA2-F	ATTGCTGGTTCGTTTGTGTG				
FOXA2-R	TACGTGTTTCATGCCGTTTCAT				
hGsc-F	TCTCAACCAGCTGCACTGTC				
hGsc-R	CCAGACCTCCACTTTCTCCTC				
hSox17-F	CGCACGGAATTTGAACAGTA				
hSox17-R	GGATCAGGGACCTGTCACAC				
Eomes-F	AACAACACCCAGATGATAGTC				
Eomes-R	TCATAGTTGTCTCTGAAGCCT				
GATA6-F	GCTCTACAGCAAGATGAACG				
GATA6-R	TGCTATTACCAGAGCAAGTC				
NKX2.1-F	ACCAGGACACCATGAGGAAC				
NKX2.1-R	CGCCGACAGGTACTIONTCTGTT				
PAX9-F	GGCTCCTTGATGAGAAGGTG				
PAX9-R	CCTTCCGCTGTCTCTTTCAG				
PAX8-F	CTTGGCAGGTACTIONACGAGAC				
PAX8-R	GCAAACATGGTAGGGTTCTG				
Primary Antibody	original	dilution	2nd antibody	dilution	Isotype
Oct 3/4	Gt-Santa Cruze-SC-8638	1;200	Donkey anti goat Alexa 555(red)	1;500	Goat IgG-Jachson labs-JACK005-000-0020
FOXA2	Gt-Santa Cruze-SC-6554	1;200			
NKX2-1	Rb-MAB Ab 76013-EP-1585Y	1;200	Donkey anti goat Alexa 488(blue)	1;500	Rb IgG-BD pharmingen
GATA6	Gt-R&D-AF1700	1;200	Donkey anti goat Alexa 555(red)	1;500	Goat IgG-Jachson labs-JACK005-000-0020
PAX9	Rat-Abcam-ab2858	1;200	Goat anti rat Alexa 555(red)	1;500	Rat IgG-BD pharmingen
Hoechst	Sigma-33258	1;2000			