

Supplementary Table

Primer sequence

Gene	5' Primer	3' Primer
Ecat1	tgtggggccctgaaaggcgagctgagat	atgggcccgcatacgcagcgcctcaact
Esg1	gaagtctggttcctggcaggatg	actcgatacactggcctagc
ERas	actgccctcatcagactgctact	cactgcctgtactcgggtagctg
Gdf3	gttccaacctgtgcctcgcgtctt	agcgaggcatggagagagcggagcag
Fgf4	cggtgtgagcatctcggagtgg	ccttctggccgcccgttcta
Cripto	atggacgcaactgtgaacatgatgtcgca	ctttgaggctcctgggccatcacgtgaccat
Dax1	tgctcgggtccaggccatcaagag	gggcactgttcagttcagcggatc
Sox2	aagggttcttgctgggtttt	agaccacgaaaacggctctg
Oct3/4	aagccctccctacagcagat	ctgggaaagggtgccctgta
Rex1	acgagtggcagtttcttctggga	tatgactcactccagggggcact
Klf4	gcgaactcacacaggcgagaaacc	tcgcttcttctcctccgacaca
Klf5	caagccgttccagtgcac	gtctgcggtttaaggatgg
Nanog	ccaggttcttcttcttcc	ggtgagatggctcagtggat
Tbx3	aggagcgtgtctgtcaggtt	gccattacctcccaatttt
Esrrb	tttctggaacccatggagag	agccagcacctccttctaca
Gapdh	accacagtccatgccatcac	tccaccaccctgttgctgta
Klf2	gcctgtgggttcgctataaa	aaggaatggctcagccacatc
Klf4	ccagcaagtcagctgtgaa	gggcattgtcaagttggatt
GATA2	acacaccacccgataccacctat	cctagcccatggcagtcacatgc
Flk1	ccagtggactggcagctaga	gca tacgggctgtttgg
Tal1	ggtctagccgtactgg	caataaagagtcacacgcc
Claudin7	gcgacaacatcatcacagcc	cctggaggaattggacttg
Sox17	gagggccagaagcagtgta	agtgattgtggggagcaagt
GATA4	ccctccctcttcaaatcc	ctttccagagctccacctg
Brachyury	aactctcacgatgtaatccg	gcaaagtcaaactaccaaca
ZO1	agctgttctcctcattgctg	gagatgttatgctggacggt