

Supplemental table. List of Primers

Number	Name	Sequence	Target gene	Purpose	Enzyme site	Product (bp)
1	SOX2 fw	CATGATGGAGACGGAGCTGA	SOX2	expression check		420
2	SOX2 rv	ACCCCGCTCGCCATGCTATT	SOX2	expression check		
3	POU5F1 fw	TGGAGAAGGAGAAGCTGGAGCAAAA	POU5F1	expression check		186
4	POU5F1 rv	GGCAGATGGCTGTTGGCTGAATA	POU5F1	expression check		
5	SNAI1 fw	GAAAGGCCCTTCAACTGCAAA	SNAI1	expression check		249
6	SNAI1 rv	TGACATCTGAGTGGTCTGG	SNAI1	expression check		
7	TWIST1 fw	TTCTCTACCAAGTCCCTCCA	TWIST1	expression check		316
8	TWIST1 rv	CACGCCCTGTTCTTTGAAT	TWIST1	expression check		
9	TWIST2 fw	AGAGCGACGAGATGGACAAT	TWIST2	expression check		158
10	TWIST2 rv	ACTCGAATGCATCCCAATTC	TWIST2	expression check		
11	CDH1 fw	ATTGCAAATTCGCCATTTC	CDH1	expression check		353
12	CDH1 rv	GGTCAGTATCAGCCGCTTTC	CDH1	expression check		
13	CDH2 fw	ATCCGACGAATGGATGAAAG	CDH2	expression check		238
14	CDH2 rv	CATAGTCTGCTCACCACCA	CDH2	expression check		
15	DNAJB8 fw	CCCGACAAGAACCCTGACAAAT	DNAJB8	expression check		409
16	DNAJB8 rv	AGGTGGATGAGAAGTGGTG	DNAJB8	expression check		
17	Sox2 fw	CATGATGGAGACGGAGCTGA	Sox2	expression check		386
18	Sox2 rv	CTCCGGGAAGCGTGACTTA	Sox2	expression check		
19	Pou5f1 fw	ACCTGGCTAAGCTTCCAAGG	Pou5f1	expression check		359
20	Pou5f1 rv	GTGATCCCTCTTCTGCTCAG	Pou5f1	expression check		
21	Snai1 fw	GCGTGTGGAGTTCACCTT	Snai1	expression check		548
22	Snai1 rv	GGCTTCTCACCAGTGTGGT	Snai1	expression check		
23	Snai2 fw	ACACACACAGTTATTTATTC	Snai2	expression check		569
24	Snai2 rv	GGCTTTTCCCAAGTGGAGT	Snai2	expression check		
25	Twist1 fw	ATGATGCAGGACGTGTCCAG	Twist1	expression check		621
26	Twist1 rv	CTAGTGGGACCGGACATGG	Twist1	expression check		
27	Twist2 fw	ATGGAGGAGGCTCCAGCTC	Twist2	expression check		483
28	Twist2 rv	CTAGTGGGAGCGGACATGG	Twist2	expression check		
29	Cdh1 fw	CCTGTGCAGGCTCCTCAT	Cdh1	expression check		509
30	Cdh1 rv	TGGATTTGATCTGAACCAGG	Cdh1	expression check		
31	Cdh2 fw	CTTGCTCAGGCGTCTGTGG	Cdh2	expression check		507
32	Cdh2 rv	TCAGACCTGATTCTGACAAAG	Cdh2	expression check		
33	Dnajb8 fw	TGACAGATGGAGAGCAGGTG	Dnajb8	expression check		464
34	Dnajb8 rv	CCCTCATGAGCTTCTCCTTG	Dnajb8	expression check		
35	GAPDH fw	ACCACAGTCCATGCCATCAC	GAPDH	expression check		452
36	GAPDH rv	TCCACCACCCTGTTGCTGTA	GAPDH	expression check		
37	DNAJB8 fw BamHI	CGCGGATCCGCCACCATTGGCTAACTACTACGAAGT	DNAJB8	gene cloning	BamHI	
38	DNAJB8 rv XhoI	CCGCTCGAGCTACTTGCTGTCCATCCATTT	DNAJB8	gene cloning	XhoI	
39	Dnajb8 fw BamHI	CGCGGATCCATGGCCAACACTATGAAAGT	Dnajb8	gene cloning	BamHI	
40	Dnajb8 fw XhoI	CCGCTCGAGCCTCACTTGCCACCCTCATGAGTT	Dnajb8	gene cloning	XhoI	
41	Survivin fw BamHI	CGCGGATCCATGGGAGCTCCGCGCTGCC	Survivin	gene cloning	BamHI	
42	Survivin rv XhoI	CCGCTCGAGCCTTAGGCAGCCAGCTGCTCAATTGA	Survivin	gene cloning	XhoI	
43	Flag sense	CTAGTGTCTAGAGGCGATTACAAGGATGACGACGATAAGTGACCGTTT		FLAG tag	XbaI	
44	Flag anti-sense	AAACGGTCACTTATCGTCTCATCCTTGAATCGCCCTAGACA		FLAG tag	PmeI	
45	Sig Seq sense	CTAGCGCCACCATTGGAGACAGACACACTCCTGCTATGGTACTGCTGCTCTGGGTTCCAGGTTCCACTGGTGACGCGGCCAGAG		signal sequence	NheI	
46	Sig Seq anti-sense	AGCTCTTGGGCCCGCTCACCAGTGGAACTGGAACCCAGACAGCAGTACCATAGCAGGAGTGTGCTGTCTCATGTTGGCG		signal sequence	HindIII	
47	DNAJB8 mutagenesis sense	TTTTTCGGTGGCTGGACCCCTTTTCTTTCGAATTTTGGGATAGCCCATCAATAGTGACCG		mutagenesis		
48	DNAJB8 mutagenesis anti-sense	CGGTCACTATTGAATGGGCTATCCAAAATTCGAAGGAAAAGGGTCCAGCCACCAGAAAAA		mutagenesis		