

Table 1: List of primers used in this study

No	Gene	Forward and Reverse Primers (Forward and Reverse)	Annealing Temperature (°C)	Base Pairs (bp)	Accession Number
1	RAD51	F: 5'-TTTGGAGAATTCCGAACT-3' R: 5'-AGGAAGACAGGGAGAGTC-3'	58.5	588	NM_002875.3
2	XRCC4	F:5'-AAGATGTCTCATTGAGACTTG-3' R:5'-CCGCTTATAAAGATCAGTCTC-3'	53.5	233	NM_022550.2
3	ERCC3	F:5'-CCAGGAAGCGGCACTATGAGG-3' R:5'-GGTCGTCCTTCAGCGGCATTT-3'	63	171	NM_000122.1
4	NANOG	F:5'-TCCTCCATGGATCTGCTTATTCA-3' R:5'-CAGGTCTTCACCTGTTTGTAGCTGAG3'	59	260	NM_024865.2
5	REX1	F:5'-GCGTACGCAAATTAAGTCCAGA-3' R:5'-ATCCTAAACAGCTCGCAGAAT-3'	55	302	NM_174900.3
6	Oct-04	F:5'-CGACCATCTGCCGCTTTGAG-3' R:5'-AAACCCTGGCACAACCTCCA-3'	61	619	NM_203289.3
7	HNF-4 α	F:5'-GCTTGGTTCTCGTTGAGTGG-3' R:5'-CAGGAGCTTATAGGGCTCAGAC-3'	58	762	NM_178850.1
8	SOX 17	F:5'-CGCACGGAATTTGAACAGTA-3' R:5'-GGATCAGGGACCTGTCACAC-3'	58	146	NM_022454.3
9	SOX 1	F:5'-AAAACGAGGCGAGAGGCGAA-3' R:5'-TGCCCTGGTCTTTGTCCTTCATCC-3'	62	896	NM_005986.2
11	KRT15	F:5'-CACAGTCTGCTGAGGTTGGA-3' R:5'-GAGCTGCTCCATCTGTAGGG-3'	60	196	NM_002275.3
12	NURR1	F:5'-CGGACAGCAGTCCTCCATTAAGGT-3' R:5'-CTGAAATCGGCAGTACTGACAGCG-3'	58	711	NM_006186.3