

1 Table 1 Primer sequences and gene names.

Gene name	Primer sequence (5'→3')	PCR size (bp)	Accession number
Estrogen receptor (<i>ER</i>)	F:CCGGCCCTACACAGAGATCA R:AGCCAAGAGCTCTCCAACAAC	150 bp	NM_152959
Estrogen receptor 1 (<i>ER1</i>)	F:CTGTGCCGTCTGCAGTGATT R:CGGCGGTTCTTGTCGATAGT	150 bp	AF516874
Estrogen receptor 2 (<i>ER 2</i>)	F:TCCGACACCTCAGCAACAAA R:TTTCTGGGCTCTGTTGTCTGTCT	150 bp	AF349413
NK2 homeobox 5 (<i>Nkx2.5</i>)	F:CGGGATGGTAAACCGTGTCT R:GCTCGACGGATAGTTGCATGA	150 bp	NM_131421
NK2 homeobox 7 (<i>Nkx2.7</i>)	F:AGCTCACATCCACACAGGTCAA R:GAGCTCCGTGACAGGGTTTG	150 bp	NM_131419
Heart and neural crest derivatives expressed 2 (<i>Hand2</i>)	F:TGTCATGAAGAACCCCTAT R:CCCCGGTACTCCTCCGTAGT	150 bp	NM_131626
GATA-binding protein 4 (<i>GATA-4</i>)	F:CCAGTCTGCAACGCATGTG R:GATCGCCGACTGACCTTCAG	150 bp	NM_131236
GATA-binding protein 5 (<i>GATA-5</i>)	F:GGGACGCCAGGGAACCTCTA R:CACGCGTTGCACAGGTAGTG	150 bp	NM_131235
GATA-binding protein 6 (<i>GATA-6</i>)	F:AGTCGCGACCAGTACCTTTCAA R:CCTTCGGGATTGCAGTGAGT	150 bp	NM_131557
Fibroblast growth factor 1a (<i>FGF1a</i>)	F:ATGGCAAGCTGTACGCTTCA R:GGCCCCGTTTCATTTC	150 bp	NM_200760
T-box 2a (<i>Tbx2a</i>)	F:ACGTTTTCCCTGAGACCGATT R:ATGGAAGGGTCAGCTGTTTCC	150 bp	AF179405
T-box 2b (<i>Tbx2b</i>)	F:ACGTTTTCCCTGAGACCGATT R:ATGGAAGGGTCAGCTGTTTCC	150 bp	NM_131051
T-box 5a (<i>Tbx5a</i>)	F:CGGATGTTTCCCAGCTTCAA R:CATCGCAGGCTCAGCTTTC	150 bp	NM_130915
Elongation factor 1 (<i>ef-1</i>)	F:TGGTGGTGTCCGTGAGTTTG R:AAACGAGCCTGGCTGTAAGG	150 bp	AY422992