Supplementary Table 1: Details of gene specific primers used in PCR

A. Primers used for RT-PCR

Primer name	Sequence (5'-3')	Tm	Size (bp)	Gene accno
Gapdh	F: GCCAAGGTCATCCATGACAAC P: GTCCACCACCCTGTTGCTGTA	60	498	NM_001256799
Cytokeratin3	P: GGCAGAGATCGAGGGTGTC R: GTCATCCTTCGCCTGCTGTAG	58	145	NM_057088
Cytokeratin 12	F: ACATGAAGAAGAACCACGAGGATG R: TCTGCTCAGCGATGGTTTCA	62.7	150	NM_000223

B. Primers used for RT-qPCR

Gene name	Sequence (5'- 3')	Size(bp)	Gene acc no
Δnp63α	F: AGCCAGAAGAAAGGACAGCA R: CAGGTTCGTGTACTGTGGCT	104	NM_001114980
Abcg2	F: GAGCCTACAACTGGCTTAGACTCAA R: TGATTGTTCGTCCCTGCTTAGAC	85	NM_004827
Abcb5	F: ATTGGAGTGGTTAGTCAAGAGCC R: AGTCACATCATCTCGTCCATACT	81	NM_001163941
Ck3	F: AGTTTGCCTCCTTCATTGACA R: TGCCTGAGATGGAACTTGTG	108	NM_057088
Ck12	F: ACGAGCTGACCCTGACCA R: CGGAAGCTTTGGAGCTCAT	106	NM_000223
Cyclin D1	F: TCTACACCGACAACTCCATCCG R: TCTGGCATTTTGGAGAGGAAGTG	133	NM_053056
Cdc20	F: GTTCGGGTAGCAGAACACCA R: CCCCTTGATGCTGGGTGAAT	187	NM_001255
Ki67	F: CTTTGGGTGCGACTTGACG R: GTCGACCCCGCTCCTTTT	199	NM_002417
Pcna	F: GCCAGAGCTCTTCCCTTACG R: TAGCTGGTTTCGGCTTCAGG	87	NM_002592
Bcl2	F: TGGCCAGGGTCAGAGTTAAA R: TGGCCTCTCTTGCGGAGTA	143	NM_000633
Bax	F: TTGCTTCAGGGTTTCATCCA R: AGACACTCGCTCAGCTTCTTG	113	NM_138761
Notch1	F: ATCCAGAGGCAAACGGAG R: CACATGGCAACATCTAACCC	106	NM_017617
Notch2	F: GGACCCTGTCATACCCTCTT	150	NM_024408

	R: CATGCTTACGCTTTCGTTTT		
Notch3	F: GTGTGTGTCAATGGCTGGAC R: GTGACACAGGAGGCCAGTCT	150	NM_000435
Notch4	F: GAGGACAGCATTGGTCTCAAGG R: CAACTCCATCCTCATCAACTTCTG	61	NM_004557
Jagged1	F: AAGGCTTCACGGGAACATAC R: AGCCGTCACTACAGATGCAC	120	NM_000214
Jagged2	F:GGTCGTACTTGCACTCACAATACC R: GTAGCAAGGCAGAGGGTTGC	51	NM_145159
Dll1	F: GGCTACTCCGGCTTCAACT R: ATCACCGAGGTCCACACACT	90	NM_005618
Dll3	F: AGCTCGTCCGTAGATTGGAA R: AGCGTAGATGGAAGGAGCAG	81	NM_016941
Dll4	F: AAGGCTGCGCTACTCTTACC R: AAGTGGTCATTGCGCTTCTT	90	NM_019074
Hey1	F: GACCGTGGATCACCTGAAAA R: TCCCAAACTCCGATAGTCCA	91	NM_012258
Hes1	F: GAGAGGCGGCTAAGGTGTTT R: GTGTAGACGGGGATGACAGG	118	NM_005524
Hes3	F: GAAAGTCTCCCTGGCTCGTC R: CCAAATAGGGAGCGCCTTCA	146	NM_001024598
Hes5	F: AGAGAATGTGTGTGCAGAGTCC R: GGTCAGACACTTGGCAGAAGA	70	NM_001010926