

Supplementary Table 3 List of primers

<i>Gene</i>	<i>Direction</i>	<i>Sequence 5'-3'</i>	<i>GenBank Accession number</i>	<i>Expected product length, nt</i>
<i>GAPDH</i>	sense	CTCTCTGCTCCTCCTGTTTCGAC	NM_002046.4	68
	antisense	TGAGCGATGTGGCTCGGCT		
<i>GLI1</i>	sense	CAAGTGCACGTTTGAAGGGT	NM_001167609.1 NM_001160045.1 NM_005269.2	177
	antisense	CTTCTCATTGGAATGGGTCC		
<i>GLI2</i>	sense	CCTTCAGCAATGCCAGTGA	NM_001167609.1 NM_001160045.1 NM_005269.2	108
	antisense	CTAGGATCTGTATAGCGTTT		
<i>GLI2</i>	sense	CATCTCCACGACTACCTCAAC	NM_005270.4	157
	antisense	ACTAGCGAGTTGGGTGAGG		
<i>ULK3</i>	sense	GACATGCGACACCAGGAAGGAAGGT	NM_005270.4	114
	antisense	GCCGGATCAAGGAGATGTCAGAGATG		
<i>PTCH1</i>	sense	AAGGAGCAGGTCAAGATGAG	NM_001099436.1	88
	antisense	GTGCAAGAGCTACGAACAGA		
<i>PTCH1</i>	sense	AACGGAATATCTCTCACCTG	NM_001099436.1	96
	antisense	TGTGCGAAACCAAAGTCTGC		
<i>PTCH1</i>	sense	GAATGGATCAGACGATGGAG	NM_001083605.1 NM_001083602.1 NM_001083604.1 NM_001083607.1 NM_000264.3 NM_001083606.1 NM_001083603.1	125
	antisense	GGATTAATGATGCCATCTGC		
<i>PTCH1</i>	sense	ATCCCTTTTGGAGGACAGGAC	NM_001083605.1 NM_001083602.1 NM_001083604.1 NM_001083607.1 NM_000264.3 NM_001083606.1 NM_001083603.1	174
	antisense	ATTGCAGGAAAAATGAGCAG		
<i>SHH</i>	sense	ACTCCGAGCGATTTAAGGAAC	NM_000193.2	248
	antisense	CAGACGTGGTGATGTCCACTG		
<i>SMO</i>	sense	GGGAGGCTACTTCCTCATCC	NM_005631.4	166
	antisense	GGCAGCTGAAGGTAATGAGC		
<i>CTGF</i>	sense	GCTTACCGACTGGAAGACACG	NM_001901.2	232
	antisense	CGGATGCACTTTTTGCCTT		
<i>SNAI1</i>	sense	GCCTTCAACTGCAAATACTGC	NM_005985.3	248
	antisense	CTTCTTGACATCTGAGTGGGTC		
<i>SMAD7</i>	sense	ACTCCAGATACCCGATGGATTT	NM_001190822.1 NM_001190821.1 NM_005904.3	173
	antisense	CCTCCCAGTATGCCACCAC		
<i>PAI1</i>	sense	CGATGGCCATTACTIONACGACA	NM_000602.4	108
	antisense	GTTGGTGAGGGCAGAGAGAG		
<i>Hprt</i>	sense	CAGTCCCAGCGTCGTGATTA	NM_013556.2	138
	antisense	AGCAAGTCTTTCAGTCCTGTC		
<i>Gli1</i>	sense	AACTCCACAGGCACACAGGAT	NM_010296.2	173
	antisense	ATGCTCACTGTTGATGTGGT		
<i>Gli1</i>	sense	ACGTTTGAAGGCTGTCGGAA	NM_010296.2	181
	antisense	CACACGTATGGCTTCTCATT		

Supplementary Table 3 List of primers (continued)

<i>Gene</i>	<i>Direction</i>	<i>Sequence 5'-3'</i>	<i>GenBank Accession number</i>	<i>Expected product length, nt</i>
<i>Ptch1</i>	sense	TTGTCAGATACTTCTTTGCC	NM_008957.2	121
	antisense	ATTGGCTGGAGACACCTCAG		
	sense	TCCTCGCTTACAAACTCCTG	NM_008957.2	105
	antisense	GGATTAATGATGCCATCTGC		
<i>Gli2</i>	sense	CGCTTTGAGCAGCTGAAGAG	NM_001081125.1	119
	antisense	GACAGAACCATTGACTGGAA		
	sense	GACCTGAGGAGAGTGTGGAG	NM_001081125.1	133
	antisense	CTCGCTGCTGCAGGATGACT		
<i>Ulk3</i>	sense	AGGAGCAGATCAAGATAAG	NM_027895.1	87
	antisense	GTGCAAGAACTACGAACAGA		
	sense	ACGAAACATCTCTCACTTG	NM_027895.1	98
	antisense	TGCTGGGCAAAGCCAAAGTC		
<i>Runx2</i>	sense	CAGAGGGCACAAAGTTCTATCTG	NM_009820.4 NM_001146038.1	167
	antisense	CTCACGTCGCTCATCTTGC		
	sense	TAACTTGTGGCTGTTGTGATGCG	NM_001145920.1	103
	antisense	CTCACGTCGCTCATCTTGC		
<i>Sp7</i>	sense	GATGGCGTCCTCTCTGCTTG	NM_130458.3	150
	antisense	GTCAGCGTATGGCTTCTTTGTG		