

Supplemental table: List of primers used for PCR analyses.

Gene Name	GenBank Accession Number	Primer Sequences
GAPDH	NM_002046	F: 5'-GAAGGTGAAGGTCGGAGTC-3' R: 5'-GAAGATGGTGATGGGATTTTC-3'
PTCH	NM_000264	F: 5'-AACTGGAACGAGGACAAAGCG-3' R: 5'-AGCGAGAAATGGCAAAACCTG-3'
SMO	NM_005631	F: 5'-TCACTCCCCTTTGTCCTCACTG-3' R: 5'-CTCAGCCTGGTTGAAGAAGTCG-3'
GLI1	NM_005269	F: 5'-TTTGATTCCCCCACCATTTC-3' R: 5'-TTTGTGCCTCCCCTTTGAGAG-3'
GLI2 [#]	NM_005270	F: 5'-AGGACAAGGCCAACATCGTCATCT-3' R: 5'-TCCCTGGCTTTTCATTTGCAGTTGG-3'
BCL2	NM_000633	F: 5'-TGCACCTGACGCCCTTCAC-3' R: 5'-GCCTGCAGCTTTGTTTCATGG-3'
CCND1	NM_053056	F: 5'-GGATGCTGGAGGTCTGCGAGGAAC-3' R: 5'-GAGAGGAAGCGTGTGAGGCGGTAG-3'
GLI1-ASO*	NM_005269	5'-ATGTTCAACTCGATGACCCC-3'
GLI2-ASO*	NM_005270	5'-GCAGCATCTCTTGCCACCATTCCAT-3'
Control-ASO*		5'-GCCGAGGTCCATGTCCTACGC-3'
HPRT [#]	NM_000194	F: 5'-AGGGTGTTTATTCCTCATGGAC-3' R: 5'-GTAATCCAGCAGGTCAGCAAAG-3'
BCL2 [#]	(1)	F: 5'-TTGCTTTACGTGGCCTGTTTC-3' R: 5'-GAAGACCCTGAAGGACAGCCAT-3'
CCND1 [#]	(2)	F: 5'-CCGTCCATGCGGAAGATC-3' R: 5'-ATGGCCAGCGGGAAGAC-3'
GLI1 [#]	(3)	F: 5'-CCCAATCACAAGTCAGGTTCCCT-3' R: 5'-CCTATGTGAAGCCCTATTTGCC-3'
PTCH [#]	NM_000264	F: 5'-AAACCTCCTTTGCGGTGGACAAAC-3' R: 5'-TGTAACCATGACCAACCTCAGCCT-3'
SMO [#]	(4)	F: 5'-ACCTATGCCTGGCACACTTC-3' R: 5'-GTGAGGACAAAGGGGAGTGA-3'

F, Forward primer; R, Reverse primer; *, Phosphorothioate backbone for ASO; [#], Real-time PCR primer.

References

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2. Bijwaard KE, Aguilera NS, Monczak Y, Trudel M, Taubenberger JK, Lichy JH. Quantitative real-time reverse transcription-PCR assay for cyclin D1 expression: Utility in the diagnosis of mantle cell lymphoma. 2001;47:195-201.

3. Ponchel F, Toomes C, Bransfield K, et al. Real-time PCR based on SYBR-green I fluorescence: An alternative to the TaqMan assay for a relative quantification of gene rearrangements, gene amplifications and micro gene deletions. 2003;3:18.

4. Zhang J, Lipinski R, Shaw A, Gipp J, Bushman W. Lack of demonstrable autocrine hedgehog signaling in human prostate cancer cell lines. 2007;177:1179-85.