

Supplemental Data

Supplemental Table 1: Gene-specific primers and probes used for qRT-PCR or PCR on bisulfite treated DNA

technique	primer	sequence (5' - 3' orientation)
SYBRgreen-based qRT-PCR		
	<i>m18SrRNA-F</i>	CGGCTTGGTGACTCTAGATAAC
	<i>m18SrRNA-R</i>	GAACTCAGCTAAGAGCATCGA
	<i>mIfitm2-tq-F</i>	TTCTTCAACGCCTGCTGCCT
	<i>mIfitm2-tq-R</i>	TATTCAGGCACTTGGCAGTG
	<i>IFNγF</i>	GGTGACATGAAATCCTGCAGAGC
	<i>IFNγR</i>	TCAGCAGCGACTCCTTTTCCGCTT
	<i>mIL8Ra-tq-F</i>	ATGCACTGGTGTCCCTTCTGA
	<i>mIL8Ra-tq-R</i>	GTTCAAGCACGTAGACATCCAT
	<i>mIL8Rb -tq-F</i>	TGGCCATTGCTGACCTGTTCT
	<i>mIL8Rb -tq-R</i>	AGAAGGTAACCTCCTTCACGT
	<i>mGli1-F</i>	TACATGCTGGTGGTGCACATG
	<i>mGli1-R</i>	ACCGAAGGTGCGTCTTGAGG
	<i>mp21-F</i>	CTGGTGATGTCCGACCTGTTC
	<i>mp21-R</i>	CATGAGCGCATCGCAATC
	<i>mDnmt1-F</i>	CACCTAGACGACCCTAACCTG
	<i>mDnmt1-R</i>	AGGTGGAGTCGTAGATGGACA
	<i>mDnmt3a-F</i>	CATTGATGAGCGCACAAGGGAGC
	<i>mDnmt3a-R</i>	GGGTGCTCCAGGGTGACATTGAG
probe-based qRT-PCR		
	<i>mPtch-Mut-F</i>	CATTACACCTTTGGACTGCTTCTG
	<i>mPtch-Mut-R</i>	AGTCATTAAGTGAACATGGTTTGC
	<i>mPtch-Mut probe</i>	GGCGTGAGCGAGGAGGTATGCTG
	<i>mPtch-Wt-F</i>	TACCGTCAAGAATGCCACTGG
	<i>mPtch-Wt-R</i>	GTGTTTCATACATTTGCTTGGGAGTC
	<i>mPtch-Wt probe</i>	AAACTTGTCAGCGCTCA
amplification of bisulfite treated DNA fragment 1		
	<i>BiZe Dfl</i>	GGGGTTTTGGGTAGGTAGG

	<i>BiZe Dr1</i>	ATACACCTTAAAAATCTACTCCAAAAC
fragment 2	<i>BiZe Bfl</i> <i>BiZe Cr1</i>	TTTATTTATTGAGTTAAGGAGTTGTTG CCCAAATCCCCCCCCAAAC
fragment 3	<i>Bi Lf</i> <i>Bi Lr</i>	GGGGGTGGGGGAGATTTTA AAACCTACTCCACCAC
fragment 4	<i>BiZe Afl</i> <i>BiZe Ar1</i>	GGTTTGGGATTTAGGATGGTAAG ACTTCTCAACTACCAACCAATAACTAC
fragment 5	<i>Bi If2</i> <i>Bi Ir2</i>	AGTAGATTATAGGGGAAG ACCCAACCTATACAAAACCTCT