

**Table S1.** Primer pairs and optimized conditions used in the qRT-PCR, and size of the amplified products.

Gene	Primer orientation	Primer sequence (5'-3')	Product size (bp)	Ta	Tm	E	R <sup>2</sup>
<i>Gli-γ1a</i>	Fw	ATCATGCGGCCACTTTTC	139	60	83.2	2.10	0.997
	Rev	AGCACTCAGGTGGAACAAATACA					
<i>Gli-γ3a+Gli-γ4a</i>	Fw	CAACTAGCACAGATTCCTCGC	145	62	85.0	2.00	0.996
	Rev	GTTGGATGATGCCCTGACCT					
<i>Gli-γ1b</i>	Fw	CGAGCAACCACAACGAACATA	79	60	79.8	2.01	0.974
	Rev	TTCGGGTTGGGGAAATGT					
<i>Gli-γ2b</i>	Fw	GTCGACCCTAGCAGCCG	79	60	83.2	1.93	0.991
	Rev	GTGGTTGCTGGGAGAATGGT					
<i>Gli-γ3b</i>	Fw	CTCCAGCAACAACGACCA	195	60	84.0	2.01	0.998
	Rev	CTGGAGCTGCTGAGGAATCT					
<i>Gli-γ5b</i>	Fw	GTGTCATCCCTCTGGTCAATC	249	62	85.3	1.89	0.997
	Rev	AGGTTGGATGATGCCTTGA					
<i>CDC</i>	Fw	CAGCTGCTGACTGAGATGGA	227	60	80.5	2.03	0.995
	Rev	ATGTCTGGCCTGTTGGTAGC					
<i>RLI</i>	Fw	TTGAGCAACTCATGGACCAG	242	60	77.8	2.19	0.996
	Rev	GCTTTCCAAGGCACAAACAT					
<i>ADP-RF</i>	Fw	TCTCATGGTTGGTCTCGATG	276	60	82.8	2.07	0.987
	Rev	GGATGGTGGTGACGATCTCT					