

1 **S8 Table. DNA primers and probes used in PT-IC-ddPCR**

Site	Genome position	Primer/ probes	Primer sequence (5'-3')	Product size (bp)
G1	21687	G1-F	GACCCAGTATGTCAACCCAACC	142
		G1-R	GGAATTCTGGACCGCTGTCG	
		G1P	ACAAACCACCACCGATAATGTTGCCGATC	
G2	607710	G2-F	GATGGCTTCGTTAAGTGTTAGTCC	109
		G2-R	GCTGACTCTGACATTATGGTATCG	
		G2P	CCTGTTCTCACCGCATGGTCAACGCC	
G3	1201555	G3-F	TGGCAATTCATATATGGCCTGAC	134
		G3-R	TGAAGTGCTACTCCCCTTTGTG	
		G3P	CTGGAAAACCCGCCTCACGCATCATAAATG	
G4	1818096	G4-F	ACGCAATTCACGTACTGACATG	124
		G4-R	AAAAGCCAAACTTTTCGAATTAATGAC	
		G4P	ATCAACATCGTCAAGCGTCATGCCGG	
G5	3592199	G5-F	AAGACTCAACTGTTTAATGAGATGTGG	98
		G5-R	TGAAACGGGTCATGCTCTAATCC	
		G5P	CAGCCTTCATTGCGGGAGTTAATCCAGGAAC	
G6	4585867	G6-F	TGTTGATGGTAGTAACGACTTTGC	140
		G6-R	GTATCCCATGCGGGTATCCTG	
		G6P	CTTTTCGCCCCTGGATGGAGCAAACCC	
G7	3026955	G7-F	ATCAGAGAGAGAAGACCGAAACC	119
		G7-R	CCACGAGTACACCTCTCCTTAG	
		G7P	TCATCGTGAATCCATTAGACTTAGAAAATATCGGGTC	
G8	4120753	G8-F	TAAAGATGGATGGGCAGATCGG	144
		G8-R	GGATCACGAAAAGTATCTCTGGAC	
		G8P	CGCCTCGTTCGCCTTTGCCGCC	

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