

TABLE
List of primers used in Sanger sequencing

Primer pair	Primer name	Sequence	Genome coordinate	Product in base pairs	Annealing temperature in Celsius
1 ^a	39911	CTGGTTCTGGGGCTCCTCT	39911 145435	221	56
	40112	CAGGTCGGACTAGCGGATG	40112		
2 ^a	40944	CACCCTTCCTCCTTCCGTTT	40944	482	54.1
	41405	AAATCACCCCAAGTCCCCTTC	41405		
3 ^a	48386	CATTCAAGTGGATGTGGTACCG	48386	242	52.6
	48608	TGAAACACTTGTAGGCCCGG	48608		
4 ^a	63017	CGGCCCGGCGTCTAAATATT	63017	290	54.7
	63287	GAACGGGTCACTCTGCTTGA	62287		
5 ^a	64555	CGGAGATTGAGAGTGACATGG	64555	290	52.1
	64971	GTGGCTGTTGATCATCCTCAT	64971		
6 ^a	87439	CAGTGAAGCGCACAAATGTTA	87439	306	51
	87721	TATTTGGCTGTGACACTGACG	87721		
7 ^a	88592	GTCTCAAGATCCTGTGCATGG	88803	452	52.6
	89023	CCTGTGCTTCAGCAGTAGCTT	88808		
8 ^a	100708	AATTCTTTTGGAGCCAGGTGT	100708	355	51.6
	101042	TTTGGACACCTCATGAAGACC	101042		
9 ^a	105498	AATTCGTAGAGCCACCAAGTG	105498	364	52
	105841	CAGATTTCCAGCCCTATGTCC	105841		
10 ^a	108015	CTCCTCCGTTTTACCGATGAC	108015	426	52.2
	108421	GGTAAAGGGGGAGGCATAAC	108421		
11 ^a	136417	ATGCTATCAGGTAACGCAGGA	136417	470	52.8
	136867	TCTCTTTTCCGCTTGTGGAT	136867		
12 ^a	143795	TGGGTGGAGCTAGGTAGGATT	143795	656	54.2
	144430	TGTGTACCCAGGGTGAGAGAC	144430		
13 ^a	168997	CTCTCAAGGTCGTGTCCATC	168997	679	52.2
	169655	CCTCCACTTTTTCCAGGAATG	169655		
14 ^b	60125	AACAGGCGGGCGAATGTGTAAT	60125	1272	56.2
	61397	ACCTTTCATCCGAACCTCAGGT	61397		
15 ^b	96177	TTGCATTGGCTGCAAAGGGG	96177	614	56.4
	96791	CACCACGTCCACGACCTCTC	96791		
16 ^b	157382	TCAGCACCATGTTCTGCCTCTT	157382	507	55.9
	157889	TTCGTGACCAACACAACCGT	157889		
17 ^b	51199	CCGAAATAGGGCCTTGCCATCAAT	51199	1046	56.8
	52245	ATTCAGGACTACCTGCGCGACTT	52245		

a: reference: this work; b: reference number 33; A: adenine; C: cytosine; G: guanine; T: thymine.