

Appendix 1. Primers used to amplify *CERI* and *ZDHHC21*.

Amplicon	Forward Primer (5' to 3')	Reverse Primer (5' to 3')	Product Size (bp)	Annealing Temp (°C)
<i>CERI</i>				
1	CCGCCAGGCAGGTATCTAT	CTACTCTCCATCCATCCCAG	552	54.4
2-1	TCCATAGCTTCTGCATTATGTG	TTTCAAGTCACCTTTCCCTG	325	54.4
2-2	CAGGATTCCTTTATCCCAGG	TTGCTGGTGATTTGACACAC	325	54.4
<i>ZDHHC21</i>				
1	CCAGGTGCAAGCGCTCTGGA	GCACCGAGAAACCCCCGGGT	527	56.5
2	TCTACAAAAGGGCAGGTTGG	CCTTCACACCAGGCTTTACC	255	56.5
3	TGGGTGGGATATGAAAGCAC	TTGCTAACTGACAATTAAGTGCATC	390	56
4	CTACAGAAAGAAAATGTCAAATATGC	GGTCTTCATGCACTTTGCAG	544	56
5	ATGGTGGCCAAATCTGTTTTCCCTT	TGGTGAAACTGCCGGGGTGC	846	57.5
6	GCAGCATTATGGCAAACAC	GGGAGTTGACAGAACCATATAATC	432	56
7	TGTGGACTTCCTTTGTGAAGTG	CTGGGGTTCACGCCATTC	537	56
8	GCTCAATTCTTGATTATTATTGCG	GCATGGGTAATTTTCTCCTTTG	309	56
9	TTTTCCAAGGGGATTCCAG	GCACAGGCCTCAGACAATG	354	60.6
10-1	GCTGCATGCCATAATGAAAG	TTGTTCACTCCTATGCTGCTG	825	56
10-2	TCAAATTAGCTTTCCACAGGG	ATGCCCACTGGTCAGGAG	563	56
10-3	TTCACCAAACCAACATGAAAG	GCTACTAGTAAAAGGTCTCTCAATGC	560	56
10-4	GAGAACTCCTGACCAGTGGGCA	TCCAAACCCTTGTGCCTGACATGA	1043	59.4
10-5	TGAAAGTAAGGAACAATACCTGGG	TGCCCAGTACCCACTGCTAC	557	56