

Table 1 RCBS, CAI, CDS length, GC content analysis and accession number for *Camellia sinensis* genes

Sl. no	Gene name	Accession number	CDS length (bp)	CAI	RCBS	GC content (%)			
						GC	GC1	GC2	GC3
1	Acetyl CoA carboxylase	DQ366599	1800	0.6351	0.0413	47.6	55.0	42.3	45.3
2	Polyphenol oxidase (PPO)	FJ656220	1800	0.6118	0.0408	49.1	52.3	40.5	54.3
3	pRB mRNA for retinoblastoma related protein	AB247284	3078	0.5455	0.0252	42.9	47.9	43.9	37.1
4	cycD3-2 mRNA for cyclin D3-2	AB247283	1119	0.3605	0.0637	43.3	50.4	34.3	45.0
5	cycD3 mRNA for cyclin D3-1	AB247282	1116	0.5152	0.0629	46.7	53.0	38.2	48.9
6	cycb mRNA for cyclin B	AB247280	1323	0.4688	0.0541	45.4	53.7	39.5	43.1
7	Stearoyl acyl carrier protein desaturase	KC242133	1191	0.3339	0.0599	45.3	54.2	37.8	44.1
8	Cultivar Longjing43 glycerol-3-phosphate acyltransferase	KC920896	1353	0.4935	0.0529	46.4	52.5	42.1	44.6
9	Omega-3 fatty acid desaturase (FAD8)	KC847167	1359	0.5694	0.0536	46.7	53.0	42.2	44.8
10	AMP deaminase	KC700025	2571	0.5943	0.0298	44.2	52.5	37.5	42.6