

Comparative genomics and expression profile of lipid biosynthesis pathway genes in *Camellia sinensis*

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Supplementary Table S1. List of primer sequence designed from the five lipid biosynthesis genes of *Camellia sinensis* for quantitative Real Time-PCR analysis.

Gene Name	<i>Camellia sinensis</i> Contig (C)/ Singleton(S)	Primer sequence
Biotin carboxylase (Heteromeric Acetyl- CoA carboxylase) (BC)	C2	Forward- 5' ACTCGAATCCAGGTTGAGCA 3' Reverse- 5' TGTTATTCTCCCTGGCCCAG 3'
Acyl CoA: diacylglycerol acyltransferase (DGAT)	S1	Forward- 5' TTCAGTTTTGCCCATCGGTG 3' Reverse- 5' GCCATGTCCATATGTGCCTG 3'
Phosphatidylinositol synthase (PIS)	C1	Forward- 5' TCTGTGATGCCTTGGATGGT 3' Reverse- 5' ACATCTGCAACCAATGGCTG 3'
Monogalactosyldiacylglycerol synthase (MGDGS)	C2	Forward- 5' CAACCCATTAGCATCACCCG 3' Reverse- 5' GTTGGTGAGAAGAGACCCCA 3'
Glycerol-3-phosphate dehydrogenase (G3PDH)	C2	Forward- 5' GGGCAAAGTGGTGTGTCAAT 3' Reverse- 5' GACAGCCGAGCACCTATTTG 3'