

**Supplementary Table S2. KEGG biochemical mapping for the *C. farreri* SNP markers.**

KEGG categories represented	Unique sequences (Number of enzymes)	
	Total contigs	SNP contigs
<b>Metabolism</b>	<b>1779 (1000)</b>	<b>175 (72)</b>
Carbohydrate Metabolism	409 (229)	38 (11)
Amino Acid Metabolism	376 (218)	19 (11)
Lipid Metabolism	298 (164)	21 (12)
Energy Metabolism	261 (159)	16 (4)
Nucleotide Metabolism	246 (138)	28 (2)
Metabolism of Cofactors and Vitamins	231 (120)	8 (6)
Glycan Biosynthesis and Metabolism	209 (122)	19 (10)
Metabolism of Other Amino Acids	152 (68)	10 (6)
Xenobiotics Biodegradation and Metabolism	135 (60)	12 (6)
Metabolism of Terpenoids and Polyketides	51 (31)	1 (1)
Biosynthesis of Other Secondary Metabolites	42 (24)	3 (3)
<b>Genetic Information Processing</b>	<b>1589 (807)</b>	<b>118 (21)</b>
Folding, Sorting and Degradation	610 (320)	36 (7)
Translation	531 (245)	40 (5)
Transcription	296 (157)	23 (3)
Replication and Repair	213 (117)	19 (6)
<b>Environmental Information Processing</b>	<b>670 (453)</b>	<b>42 (15)</b>
Signal Transduction	469 (296)	36 (12)
Signaling Molecules and Interaction	113 (91)	5 (2)
Membrane Transport	107 (84)	1 (1)
<b>Cellular Processes</b>	<b>993 (539)</b>	<b>85 (15)</b>
Transport and Catabolism	511 (256)	31 (5)
Cell Growth and Death	277 (156)	20 (5)
Cell Communication	220 (123)	25 (4)
Cell Motility	124 (73)	9 (1)
<b>Total</b>	<b>4616(2580)</b>	<b>420 (123)</b>