

**Supplemental Table 2.** DNA sequences and SNPs obtained from 99 worldwide isolates\*

<b>Genes</b>	<b>Annotation</b>	<b>Bp Seq.</b>	<b>SNPs (≥ 0.05)</b>	<b>SNPs (&lt; 0.05)</b>
PFC0050c	long chain fatty acid ligase	570	3	5
PFC0060c	serine/threonine protein kinase	520	0	2
PFC0070c	hypothetical protein	423	2	4
PFC0075c	hypothetical protein	289	0	2
PFC0080c	hypothetical protein	497	0	2
PFC0090w	hypothetical protein	470	3	2
PFC0095c	hypothetical protein	560	1	1
PFC0100c	regulatory protein	536	1	1
PFC0125w	ABC transporter	1250	1	5
PFC0135c	conserved protein	570	0	0
PFC0165w	hypothetical protein	572	1	4
PFC0170c	dihydrolipoamide acyltransferase	510	1	3
PFC0175w	IBR domain protein	780	0	3
PFC0180c	hypothetical protein	452	0	2
PFC0185w	hypothetical protein	407	0	2
PFC0195w	hypothetical protein	457	0	2
PFC0215c	hypothetical protein	820	3	2
PFC0220w	hypothetical protein	80	0	1
PFC0225c	elongation factor (EF-TS)	320	0	1
PFC0230c	hypothetical protein	890	2	1
PFC0235w	hypothetical protein	430	0	2
PFC0245c	hypothetical protein	450	0	2
PFC0250c	AP endonuclease	460	1	5
PFC0255c	ubiquitin-conjugating enzyme E2	350	0	3
PFC0260w	hypothetical protein	325	0	3
PFC0265c	hypothetical protein	540	0	3
PFC0270w	hypothetical protein	250	0	0
PFC0285c	T-complex protein beta subunit	450	0	2
PFC0295c	40S ribosomal protein S12	370	0	1
PFC0310c	ATP-dependent CLP protease	920	0	3
PFC0325c	hypothetical protein	530	0	1
PFC0330w	PDZ domain protein	494	0	1
PFC0335c	hypothetical protein	250	0	1
PFC0340w	DNA polymerase delta small subunit	497	0	2
PFC0345w	hypothetical protein	499	0	1
PFC0355c	hypothetical protein	450	0	1
PFC0370w	hypothetical protein	420	0	3
PFC0380w	dual-specificity protein phosphatase	450	0	3
PFC0395w	asparagine synthetase	300	0	2
PFC0410w	rat BRAIN protein-like	240	0	0
PFC0420w	calcium-dependent protein kinase	450	0	3
PFC0425w	hypothetical protein	460	0	3
PFC0435w	hypothetical protein	589	0	0
PFC0440c	helicase, putative	579	0	3

**Supplemental Table 2 (2)**

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PFC0441c	hypothetical protein	370	0	1
PFC0460w	hypothetical protein	510	0	4
PFC0465c	hypothetical protein	420	0	1
PFC0485w	protein kinase	742	0	4
PFC0486c	hypothetical protein	420	0	0
PFC0505c	hypothetical protein	786	0	2
PFC0510w	zinc finger protein	520	1	2
PFC0515c	hypothetical protein	320	0	2
PFC0530w	hypothetical protein	390	0	2
PFC0545c	hypothetical protein	470	0	1
PFC0550w	hypothetical protein	270	0	0
PFC0560c	hypothetical protein	300	0	1
PFC0570c	hypothetical protein	200	0	0
PFC0580c	hypothetical protein	277	0	1
PFC0600w	hypothetical protein	128	0	0
PFC0615w	hypothetical protein	345	1	0
PFC0625w	hypothetical protein	570	0	0
PFC0630w	hypothetical protein	450	0	2
PFC0640w	CTRP protein	780	1	0
PFC0650w	hypothetical protein	355	0	3
PFC0701w	hypothetical protein	357	0	2
PFC0705c	hypothetical protein	296	0	0
PFC0730w	conserved protein	342	0	0
PFC0735w	40S ribosomal protein S15A	240	0	1
PFC0745c	proteasome component C8	330	0	1
PFC0755c	protein kinase, putative	300	0	0
PFC0760c	hypothetical protein	750	0	2
PFC0765c	hypothetical protein	700	0	2
PFC0770c	kinesin-related protein	300	0	1
PFC0775w	40S ribosomal protein S11	203	0	0
PFC0790w	hypothetical protein	540	0	0
PFC0805w	DNA-directed RNA polymerase II	150	0	0
PFC0830w	trophozoite stage antigen	310	2	0
PFC0831w	triosephosphate isomerase	320	0	1
PFC0835c	hypothetical protein	250	0	0
PFC0840w	P-type ATPase, putative	327	0	1
PFC0850c	hypothetical protein	460	0	2
PFC0870w	elongation factor 1 (EF-1)	310	0	1
PFC0880c	hypothetical protein	351	0	0
PFC0905c	hypothetical protein	450	0	1
PFC0910w	hypothetical protein	345	0	1
PFC0915w	ATP-dependent RNA helicase	305	0	0
PFC0930c	hypothetical protein	390	0	2
PFC0935c	N-acetylglucosamine-1-phosphate transferase	377	1	0
PFC0940c	hypothetical protein	532	0	0
PFC0945w	protein kinase, putative	405	0	1
PFC0955w	ATP-dependent RNA helicase	720	1	1

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**Supplemental Table 2 (3)**

PFC0970w	hypothetical protein	450	0	2
PFC0995c	diacylglycerol O-acyltransferase	407	0	1
PFC1000w	hypothetical protein	305	0	0
PFC1011c	hypothetical protein	275	0	0
PFC1030w	hypothetical protein	430	0	0
PFC1045c	hypothetical protein	609	1	2
PFC1055w	hypothetical protein	326	1	2
PFC1060c	hypothetical protein	890	1	6
PFC1090w	hypothetical protein, conserved	455	0	4
		44,856	29	156

\*The data was part of published previous work (Mu et al., PLoS Biology 3, e335), but not analyzed or reported. Bp seq, basepairs sequenced; SNPs ( $\geq 0.05$ ), SNPs with a minor allele frequency  $\geq 0.05$ ; SNPs ( $< 0.05$ ), SNPs with a minor allele frequency  $< 0.05$ .