

Supplementary Table 2: Deleted genes not included in the genome-wide gene deletion set

Systematic ID	Gene Name	Deletion mutant phenotype	Gene description
SPAC13D1.01c	Tf2-7	viable	retrotransposable element
SPAC167.08	Tf2-2	viable	retrotransposable element
SPAC19D5.09c	Tf2-8	viable	retrotransposable element
SPAC26A3.13c	Tf2-4	viable	retrotransposable element
SPAC2E1P3.03c	Tf2-3	viable	retrotransposable element
SPAC9.04	Tf2-1	viable	retrotransposable element
SPAPB15E9.03c	Tf2-5	viable	retrotransposable element
SPBC9B6.02c	Tf2-9	viable	retrotransposable element
SPCC1020.14	Tf2-12	viable	retrotransposable element
SPAC1142.09		viable	dubious
SPAC17H9.18c		viable	dubious
SPAC19D5.10c		viable	dubious
SPAC1D4.07c		viable	dubious
SPAC1F12.03c		viable	dubious
SPAC1F3.08c		viable	dubious
SPAC22H10.06c		viable	dubious
SPAC23H4.05c		viable	dubious
SPAC23H4.13c		viable	dubious
SPAC24B11.14		viable	dubious
SPAC26F1.11		viable	dubious
SPAC27E2.04c	mug155	viable	dubious
SPAC3F10.07c	mug91	viable	dubious
SPAC3G6.07		viable	dubious
SPAC4H3.12c		viable	dubious
SPAC56F8.15		viable	dubious
SPAC750.04c		viable	dubious
SPAC9E9.01		viable	dubious
SPAC9E9.17c		viable	dubious
SPAP27G11.11c		viable	dubious
SPBC1348.03		viable	dubious
SPBC14C8.08c		viable	dubious
SPBC15D4.08c		viable	dubious
SPBC1685.12c		viable	dubious
SPBC27.05		viable	dubious
SPBC354.11c		viable	dubious
SPBC3D6.16		viable	dubious
SPBC887.16		viable	dubious
SPBPB2B2.17c		viable	dubious
SPCC191.04c		viable	dubious
SPCC417.04		viable	dubious
SPCC594.03		viable	dubious
SPCC622.02		viable	dubious
SPCC622.03c		viable	dubious
SPCC622.04		viable	dubious
SPCC622.05		viable	dubious
SPCC622.06c		viable	dubious
SPCC622.07		viable	dubious
SPCC757.06		viable	dubious
SPAC1002.21		viable	pseudogene
SPAC11D3.11c		viable	pseudogene
SPAC186.04c		viable	pseudogene
SPAC212.05c		viable	pseudogene

SPAC212.06c		viable	pseudogene
SPAC212.07c		viable	pseudogene
SPAC212.09c		viable	pseudogene
SPAC212.10		viable	pseudogene
SPAC22E12.12		viable	pseudogene
SPAC22E12.15		viable	pseudogene
SPAC23D3.05c		viable	pseudogene
SPAC2E12.05		viable	pseudogene
SPAC4G8.15c		viable	pseudogene
SPAC750.01		viable	pseudogene
SPAC977.04		viable	pseudogene
SPAC977.13c		viable	pseudogene
SPAPB24D3.05c		viable	pseudogene
SPBC11C11.12		viable	pseudogene
SPBC1348.11		viable	pseudogene
SPBC1348.12		viable	pseudogene
SPBC1348.13		viable	pseudogene
SPBC1706.02c		viable	pseudogene
SPBC18H10.21c		viable	pseudogene
SPBC1E8.04		viable	pseudogene
SPBC337.02c		viable	pseudogene
SPBC3E7.04c		viable	pseudogene
SPBC428.09c		viable	pseudogene
SPBPB10D8.03		viable	pseudogene
SPBPB2B2.03c		viable	pseudogene
SPBPB2B2.04		viable	pseudogene
SPCC132.05c		viable	pseudogene
SPCC1450.01c		viable	pseudogene
SPCC1494.11c		viable	pseudogene
SPCC188.10c		viable	pseudogene
SPCC1884.01		viable	pseudogene
SPCC18B5.02c		viable	pseudogene
SPCC1919.06c		viable	pseudogene
SPCC285.06c		viable	pseudogene
SPCC2H8.03		viable	pseudogene
SPCC306.10		viable	pseudogene
SPCC548.02c		viable	pseudogene
SPCC553.05c		viable	pseudogene
SPCC576.16c		viable	pseudogene
SPCC663.07c		viable	pseudogene
SPCC663.17		viable	pseudogene
SPCC794.05c		viable	pseudogene
SPCC830.02		viable	pseudogene
SPCP20C8.03		viable	pseudogene