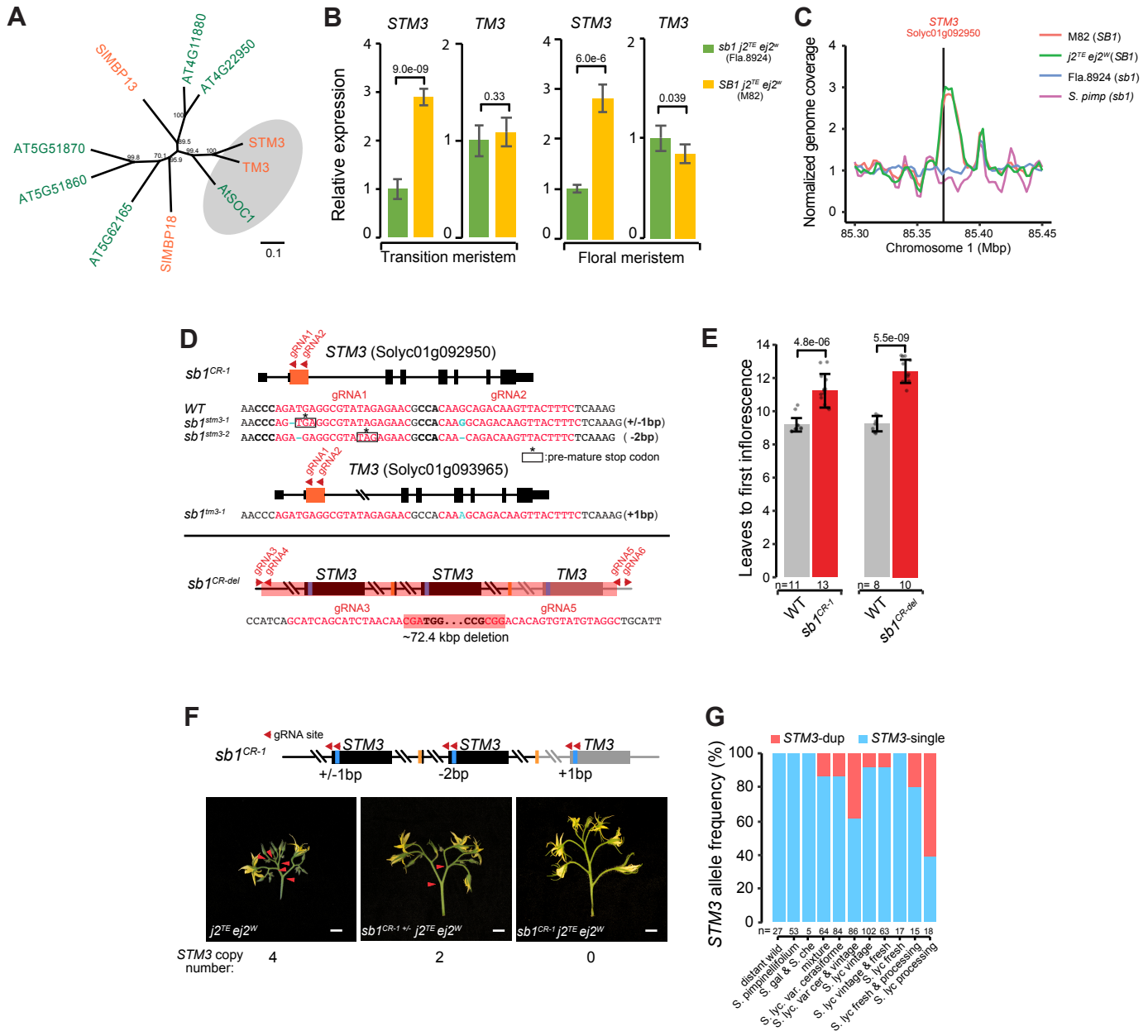
Figure S6


A
SlMBP13
AT4G11880
AT4G22950
AT5G51870
AT5G51860
AT5G62165
SlMBP18
STM3
TM3
AtSOC1
0.1
B
STM3
TM3
Relative expression
9.0e-09
0.33
6.0e-6
0.039
sb1 j2TE ej2w (Fla.8924)
SB1 j2TE ej2w (M82)
Transition meristem
Floral meristem
C
STM3
Solyc01g092950
M82 (SB1)
j2TE ej2w (SB1)
Fla.8924 (sb1)
S. pimp (sb1)
Normalized genome coverage
Chromosome 1 (Mbp)
D
gRNA1
gRNA2
STM3 (Solyc01g092950)
sb1CR-1
WT
sb1stm3-1
sb1stm3-2
(+/-1bp)
(-2bp)
:pre-mature stop codon
TM3 (Solyc01g093965)
sb1tm3-1
(+1bp)
gRNA3
gRNA4
gRNA5
gRNA6
sb1CR-del
~72.4 kbp deletion
E
Leaves to first inflorescence
4.8e-06
5.5e-09
n=11
13
n= 8
10
WT
sb1CR-1
sb1CR-del
F
gRNA site
sb1CR-1
+/-1bp
-2bp
+1bp
j2TE ej2W
sb1CR-1 +/- j2TE ej2W
sb1CR-1 j2TE ej2W
STM3 copy number:
4
2
0
G
STM3-dup
STM3-single
STM3 allele frequency (%)
n= 27 53 5 64 84 86 102 63 17 15 18
distant wild
S. pimpinellifolium
S. gal & S. che
mixture
S. lyc. var. cerasiforme
S. lyc. var cer & vintage
S. lyc vintage
S. lyc vintage & fresh
S. lyc fresh
S. lyc fresh & processing
S. lyc processing