Table S5 Rice materials used in this study

Rice variety and material	Rice type	Inflorescence phenotype	Genotypes	Source or reference
9311	*Indica*	Normal	Sped1	Restorer line (YU *et al.* 2002)
TP309	*Japonica*	Normal	Sped1	Taipei 309 (SONG *et al.* 1995)
R948	*Indica*	Normal	Sped1	Restorer line, from Sichuan Agricultural University, China
R549	*Indica*	Normal	Sped1	Restorer line, from Sichuan Agricultural University, China
Ballila	*Japonica*	Normal	Sped1	Introduced from Itali (JI *et al.* 2012)
R527	*Indica*	Normal	Sped1	Restorer line, from Sichuan Agricultural University, China
Kitaake	*Japonica*	Normal	Sped1	Introduced from USA (CHEN *et al.* 2014)
sped1-D	*Indica*	clustered spikelets	sped1-D	The rice spontaneous mutant of 9311(This study)
Tsped1	*Japonica*	clustered spikelets	sped1-D	BC3 plant from the backcross of TP309 with sped1-D.This study (This study)
R948sped1	*Indica*	clustered spikelets	sped1-D	BC3 plant from the backcross of R948 with sped1-D.This study (This study)
R549sped1	*Indica*	clustered spikelets	sped1-D	BC3 plant from the backcross of R549 with sped1-D.This study (This study)
Ballilasped1	*Japonica*	clustered spikelets	sped1-D	BC3 plant from the backcross of Ballila with sped1-D.This study (This study)
R527sped1	*Indica*	clustered spikelets	sped1-D	BC3 plant from the backcross of R527 with sped1-D.This study (This study)
Ksped1	*Japonica*	clustered spikelets	sped1-D	BC3 plant from the backcross of Kitaake with sped1-D (This study)