

Table S2: QTL analysis for grain number in the F<sub>2</sub> population derived from the cross between YIL19 and Teqing

Population	Interval	LRS	LOD <sup>a</sup>	% <sup>b</sup>	Add <sup>c</sup>	Dom <sup>d</sup>
YIL19/ Teqing F <sub>2</sub>	RM5300- RM6312	56.3	12.24	26	23.99	-14.83

<sup>a</sup> Likelihood ratio statistic (LRS) value was divided by 4.6 to obtain the equivalent logarithm of the odds (LOD) score (Manly et al. 2001)

<sup>b</sup> Phenotypic variance explained by the QTL

<sup>c</sup> Additive effect associated with *O. rufipogon*

<sup>d</sup> Dominance effect associated with *O. rufipogon*