

S1 Table. Information of QTLs for percentage of exerted stigma and stigma length identified on short arm of chromosome 3.

QTL ¹	Marker interval	LOD	% of phenotypic variance explained	Positive allele	Reference
<i>qPES-3</i>	C563-C63	4.4	16.0	Kasalath	Qiao BJ et al. [8]
<i>qSTL3(t)</i> ²	C563-C63	3.4	11.8	Kasalath	Uga Y et al. [14]

¹ Both *qPES-3* and *qSTL3(t)* were identified in the BIL population derived from Nipponbare/Kasalath//Nipponbare.

² All QTLs detected in this reference did not name. We named the QTL for stigma length as *qSTL3(t)*.