

Table S6. Quantitative trait nucleotides (QTNs) identified from various phenotypic datasets.

Phenotype Dataset	No. of QTNs Identified	Average R^2 (%)	Range of R^2 (%)
PM-2012	45	4.61	0.03 – 20.89
PM-2013	73	6.57	0.02 – 30.20
PM-2014	84	4.17	0.02 – 21.28
PM-2015	64	4.34	0.02 – 29.67
PM-2016	43	2.92	0.01 - 15.67
PM-Mean	63	4.76	0.01 – 26.93