

**Table S3** Statistic test for difference in 100-seed weight between the isogenic lines SD7-1<sup>D</sup> and SD7-1<sup>d</sup> in three greenhouse experiments

Line	Experiment 1			Experiment 2			Experiment 3		
	N	Mean	Stdev	N	Mean	Stdev	N	Mean	Stdev
SD7-1 <sup>D</sup>	10	1.832	0.028	7	2.234	0.077	16	2.033	0.067
SD7-1 <sup>d</sup>	10	1.778	0.017	8	2.168	0.061	14	1.964	0.059
Difference		0.053	0.010		0.066	0.036		0.070	0.023
t-value		5.18			1.80			3.02	
Probability		0.0001			0.0449			0.0052	
Weight increase (%)		3.01			3.02			3.55	