

Table S1 Correlation analysis of spikelet fertility between testcross populations

Cross-testing groups	19Z9A/XDX-BIL	20Z9A/XDX-BIL	Two-year average bearing rate	DB11A/XDX-BIL
19Z9A/XDX-BIL	1	0.750**	0.934**	0.188
20Z9A/XDX-BIL		1	0.943**	0.321*
The two-year average fertility rate			1	0.274*
DB11A/XDX-BIL				1

Note: *, ** significant at 0.05 and 0.01 level, respectively.