

Table S1 Seed setting rates (%) of backcrossed lines and pollen parents in Tropical Agriculture Research Front, Japan International Research Center Agricultural Sciences.

Initial female parent	Recurrent pollen parent	Isolated glasshouse				Open paddy field												
		<i>rf17rf17</i>				<i>Rf17Rf17</i>							Pollen parent					
			Individual plants				Individual plants					Average	Individual plants					Average
CWR-IR 64	NSIC Rc160	BC ₄ F ₁	0	0.4	0	BC ₂ F ₃	67.0	70.6	70.4	ND	ND	ND	69.4	89.3	79.5	73.7	77.7	79.2
CWR-IR 64	NSIC Rc240	BC ₄ F ₁	0	0	0	BC ₂ F ₃	82.8	74.7	84.1	78.2	84.9	89.2	82.3	89.6	87.1	75.9	84.7	83.9
CWR-IR 64	Ciherang	BC ₄ F ₁	ND	ND	ND	BC ₂ F ₃	72.4	88.1	81.7	86.6	92.3	88.9	85.0	90.4	89.0	83.2	80.5	82.8
CWR-IR 64	BRRI dhan 29	BC ₄ F ₁	0	0	0	BC ₂ F ₃	83.3	82.3	82.0	75.6	70.1	77.3	78.4	79.2	79.2	86.5	66.0	78.5
CWR-IR 64	NERICA-L-19	BC ₄ F ₁	0	0	0.8	BC ₂ F ₃	65.1	65.7	66.7	44.5	37.8	17.6	49.6*	84.1	86.5	79.6	80.3	78.2
CWR-IR 64 x Local Basmati BC ₃ F ₃	Pusa Basmati	BC ₄ F ₁	0	0	0	BC ₁ F ₃	78.8	91.7	86.7	85.4	67.8	34.7	74.2	67.6	75.7	63.8	60.4	64.5
CWR-IR 64	Samba Mahsuri					BC ₂ F ₃	69.1	71.2	66.4	78.0	85.4	ND	74.0	59.2	69.7	72.4	72.2	72.9
						<i>rf17rf17</i>												
CWR-IR 64	Samba Mahsuri	BC ₃ F ₂	ND	ND	ND	BC ₃ F ₂	50.3	39.8	49.4	46.3	62.6	67.1	52.6*					

* indicates that the value is significantly different from the value for its pollen parent ($p < 0.05$).