

**Supplementary Table 5.** Breeding year, resistance to blast, and cultivated areas of mainly grown rice cultivars in Jeonbuk province of Korea in 2021

Rice cultivar	Breeding year	Resistance to blast <sup>a</sup>	Cultivation area (ha)
Sindongjin	1999	5.7	73,186
Dongjinchal	1998	6.1	11,755
Saenuri	2007	5.7	5,389
Haepum	2013	5.0	3,868
Unkwang	2004	3.0	3,059
Haedamssal	2014	3.2	2,788
Boramchal	2009	5.5	2,570
Sukwang	2011	3.9	1,888
Yechan	2017	4.2	1,603
Mipum	2010	6.9	1,302

<sup>a</sup>Resistant (0-3), Moderately resistance (4-6), Susceptible (7-9).

**Supplementary Table 6.** List of Korean differential rice cultivars

Ecotype	Cultivar name
Indica	Tetep
Tongil	Taebaeg
	Tongil
	Yushin
Japonica	Kanto51
	Nongbaeg
	Jinheung
	Nakdong