

Table 1 Blast disease reaction of selected advance backcross lines to blast strains using spray inoculation method and field blast screening test

Line Code	BG	Gen	Strains																					FBST
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
ABL 1	Os	BC <sub>3</sub> F <sub>5</sub>	ND	0	0	1	0	ND	0	0	0	0	0	0	0	0	ND	0	ND	0	0	0	R	
ABL 2	Os	BC <sub>4</sub> F <sub>5</sub>	0	ND	0	ND	0	ND	0	0	1	ND	0	2	ND	0	0	ND	0	4	0	0	R	
ABL 3	Os	BC <sub>4</sub> F <sub>5</sub>	0	0	0	4	0	0	0	0	3	0	0	0	2	0	1	0	1	0	0	0	R	
ABL 4	Os	BC <sub>4</sub> F <sub>5</sub>	0	0	0	4	0	0	0	3	2	1	0	3	0	1	0	0	0	3	0	0	R	
ABL 5	Hal	BC <sub>3</sub> F <sub>5</sub>	1	0	0	4	0	ND	0	0	4	1	1	1	0	0	0	0	0	0	0	0	R	
ABL 6	Hal	BC <sub>3</sub> F <sub>5</sub>	0	0	0	3	0	0	0	4	4	0	0	3	1	1	0	0	0	4	0	0	R	
ABL 7	Hal	BC <sub>3</sub> F <sub>5</sub>	0	0	1	0	0	0	1	4	4	3	0	0	0	0	0	0	4	0	0	0	R	
ABL 8	Hal	BC <sub>3</sub> F <sub>5</sub>	1	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	R	
ABL 9	Hal	BC <sub>3</sub> F <sub>5</sub>	1	2	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	0	0	R	
ABL 10	Hal	BC <sub>3</sub> F <sub>5</sub>	0	0	ND	4	0	0	1	2	3	4	0	3	0	3	0	0	0	3	0	0	R	
ABL 11	Hal	BC <sub>3</sub> F <sub>5</sub>	0	0	1	4	0	0	1	4	4	2	2	3	0	0	0	0	3	0	0	0	R	
Os	RP	-	4	ND	4	4	2	ND	4	1	4	4	0	3	3	4	0	0	ND	0	5	2	ND	S
Hal	RP	-	4	4	4	4	3	4	4	4	4	4	2	4	4	3	3	4	0	5	2	4	4	S
4128	Donor	-	0	0	0	0	0	1	0	0	0	1	0	1	2	0	3	0	0	0	0	0	R	

Note: \*Blast disease scoring following JIRCAS, Japan scale: R=Resistant (0) no visible lesion; (1) needle-like lesion; (2) round circular lesion without gray center; (3) round circular lesion with gray centre; (4) spindle type lesion with gray center (5) merged spindle type lesion with gray center; Strains (1-23) used were 1=M36-1-3-10-10; 2=JMB840610; 3=Ca23-49; 4=V850256; 5=V86010; 6=M39-1-3-B-1; 7=M39-1-2-21-2; 8=Ca89; 9=BN209; 10=BN111; 11=43; 12=M101-1-2-9-1; 13=9482-01-03; 14=IK81-3; 15=JMB8401; 16=Ca41; 17=IK81-25; 18=P06-06; 19=B90002; 20=M64-1-3-9-1; 21=Pi9-G7-2K-1; ABL=Advanced Backcross Lines; BG=background; Os=Osmancik-97; Hal=Halilbey; RP=Recurrent Parent; 4128=IR83260-1-1-1-5-B-3-1-2-B; Gen=Generation; ND=No Data; FBST=Field Blast Screening Test at Trakya, Turkey; R=Resistant; S=Susceptible