

表 2 分子标记检测及测交鉴定验证 BC<sub>2</sub> 植株基因型结果

Table 2 Results of the genotype tested with syau-scr04 and testcross in BC<sub>2</sub>

代号 Code	扩增结果 Screening result (syau-scr04)	可育株:不育株 Fertile plants: Sterile plants	理论分离比例( $X^2_{0.05, 1} = 3.841$ ) Theoretical ratio ( $X^2_{0.05, 1} = 3.841$ )	基因型 Genotype
1	-	52:0	全可育 All fertile	$M_s^f M_s^f$
2	=	28:26	1:1(0.018)	$M_s^f M_s$
3	=	21:24	1:1(0.089)	$M_s^f M_s$
4	-	47:0	全可育 All fertile	$M_s^f M_s^f$
5	=	27:25	1:1(0.019)	$M_s^f M_s$
6	-	48:0	全可育 All fertile	$M_s^f M_s^f$
7	-	50:0	全可育 All fertile	$M_s^f M_s^f$
8	-	45:0	全可育 All fertile	$M_s^f M_s^f$
9	=	26:21	1:1(0.340)	$M_s^f M_s$
10	-	39:0	全可育 All fertile	$M_s^f M_s^f$
11	-	41:0	全可育 All fertile	$M_s^f M_s^f$
12	=	25:23	1:1(0.571)	$M_s^f M_s$
13	=	26:30	1:1(0.161)	$M_s^f M_s$
14	=	25:19	1:1(0.568)	$M_s^f M_s$
15	-	45:0	全可育 All fertile	$M_s^f M_s^f$
16	-	51:0	全可育 All fertile	$M_s^f M_s^f$
17	=	24:16	1:1(0.148)	$M_s^f M_s$
18	-	47:0	全可育 All fertile	$M_s^f M_s^f$
19	=	22:20	1:1(0.023)	$M_s^f M_s$
20	-	42:0	全可育 All fertile	$M_s^f M_s^f$
21	-	48:0	全可育 All fertile	$M_s^f M_s^f$
22	-	50:0	全可育 All fertile	$M_s^f M_s^f$
23	=	23:20	1:1(0.093)	$M_s^f M_s$
24	=	28:26	1:1(0.018)	$M_s^f M_s$
25	-	37:0	全可育 All fertile	$M_s^f M_s^f$
26	=	25:23	1:1(0.571)	$M_s^f M_s$
27	-	55:0	全可育 All fertile	$M_s^f M_s^f$
28	=	25:26	1:1(0.000)	$M_s^f M_s$
29	-	54:0	全可育 All fertile	$M_s^f M_s^f$
30	-	41:0	全可育 All fertile	$M_s^f M_s^f$
31	=	28:25	1:1(0.075)	$M_s^f M_s$

续表 2

Continuing table 2

代号 Code	扩增结果 Screening result (syau-scr04)	可育株:不育株 Fertile plants: Sterile plants	理论分离比例( $X^2_{0.05,1} = 3.841$ ) Theoretical ratio ( $X^2_{0.05,1} = 3.841$ )	基因型 Genotype
32	-	46:0	全可育 All fertile	$M_s^f M_s^f$
33	-	44:0	全可育 All fertile	$M_s^f M_s^f$
34	=	20:27	1:1(0.765)	$M_s^f M_s$
35	=	16:25	1:1(1.561)	$M_s^f M_s$
36	=	23:14	1:1(1.729)	$M_s^f M_s$
37	=	21:24	1:1(0.089)	$M_s^f M_s$
38	-	38:0	全可育 All fertile	$M_s^f M_s^f$
39	-	36:0	全可育 All fertile	$M_s^f M_s^f$
40	-	46:0	全可育 All fertile	$M_s^f M_s^f$
41	=	36:27	1:1(1.016)	$M_s^f M_s$
42	-	52:0	全可育 All fertile	$M_s^f M_s^f$
43	-	43:0	全可育 All fertile	$M_s^f M_s^f$
44	-	45:0	全可育 All fertile	$M_s^f M_s^f$
45	=	24:17	1:1(0.878)	$M_s^f M_s$
46	-	51:0	全可育 All fertile	$M_s^f M_s^f$
47	=	22:24	1:1(0.042)	$M_s^f M_s$
48	-	47:0	全可育 All fertile	$M_s^f M_s^f$
49	=	29:20	1:1(1.306)	$M_s^f M_s$
50	-	43:0	全可育 All fertile	$M_s^f M_s^f$