

Table 4 Main agronomic traits, correlative degree and grade of core collection which were resistant to GM China type IV

Variety	Grade of resistance	Main agronomic traits										Correlative degree	Grade
		x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8	x_9	x_{10}		
510322	3	19	72	74	76	106	161.0	18.0	95.0	38.0	24.1	0.6688	6
KANGWENQINGZHAN	1	14	67	70	72	107	109.0	10.0	189.0	82.3	24.2	0.6951	5
60140	0	13	90	92	94	125	157.0	12.5	165.0	83.6	25.9	0.7654	4
DUO KANG No.1	1	22	88	89	90	129	99.5	9.3	118.2	87.2	20.8	0.9112	1
RP1976-18-6-4-2	0	12	91	93	96	125	120.0	9.0	137.0	70.1	28.0	0.8788	2
RP2550-210-305	0	15	76	79	81	115	107.0	10.0	99.0	76.4	24.8	0.8380	3