

Table 1 The χ^2 test of segregation ratio of fertility in NMS lines and F₂ population

Population	Theoretical value	No. fertile plants	No. sterile plants	χ^2
Offspring of NMS lines	1:1	64 (<i>msms</i>)	69 (<i>Msms</i>)	0.006*
F ₂ mapping population	3:1	145 (<i>msms</i>)	35 (<i>Ms_</i>)	0.435*

*significant at the 0.05 probability level ($\chi^2(0.05, df=1) = 3.84$).