

Supplementary Table S1. Egg characters from the inbred and hybrid populations

Combinations	Eggs in one milliliter	The weight of one thousand eggs (g)	Eggs per female	Hatching rates (%)
SD♂ x SD♀	3976±109 a	0.18±0.01 c	512±3 a	24.16±1.76 a
GG♂ x GG♀	2955±69 b	0.31±0.02 a	411±20 b	26.64±2.42 a
SD♂ x GG♀	2800±73 b	0.28±0.02 ab	347±8 b	12.62±2.80 b

Note: the columns with the same letters indicated no significant differences ($p>0.05$).