Sex Determination

Silver and gold plumage

Symbol S uses to the silver color which dominant to the recessive s which is specific to golden color.

 **Parents: Silver female** **x** **Gold males**

 **ZSW ZsZs** Gamete  **ZS W Zs**

 **ZSZs ZsW**

 **F1 Progeny Silver male Gold female**



**First Generation cross results, using Gold male & Silver female parents:**

\*Sex-Linked Dominant / Recessive Inheritance Mode, F1 generation

Genotypic Ratio = 1:1 (1 s+/ S : 1 s+ /-)

Phenotypic Ratio = 1:1 (1 silver- all males, 1 gold. all females)