

Corn Genetics Summary Sheet

Ear	Phenotypes and Ratios	Mutant Alleles*	Immediate Parents	χ^2 Value
A	9 purple 7 yellow	C & R	Cc Rr x Cc Rr	<3.841
B	12 purple 3 yellow 1 white	R & Y	Rr Yy x Rr Yy	<5.991
C	9 purple 3 red 4 yellow	R & Pr	Rr Prpr x Rr PRpr	<5.991
D	3 purple 1 yellow	R or C	Rr x Rr	<3.841
E	1 purple 1 yellow	R or C	Rr x rr	<3.841
F	13 yellow 3 purple	C ^l & R	C ^l C Rr x C ^l C Rr	<3.841
G	9 yellow 3 white 4 purple	C ^l & Y	C ^l C Yy x C ^l C Yy	<5.991
H	1 red smooth 1 yellow wrinkled	R or C & St & Pr linked < 1% recomb	Rr Stst prpr x rr stst prpr	<3.841
I	1 purple smooth 1 purple wrinkled 1 yellow smooth 1 yellow wrinkled	R & St	Rr Stst x rr stst	<7.815
J	9 purple smooth 3 purple wrinkled 3 yellow smooth 1 yellow wrinkled	R & Sw	Rr Stst x Rr Stst	<7.815