

Allele test results for Maize Genetics Stock Center “phenotype only” stocks.

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We report here the results of tests of allelism of white endosperm/green seedling and white endosperm/viviparous mutants from the Maize Genetic Stock Center’s collection of mutants characterized by phenotype only. In the case of the new *y1* alleles, homozygous mutant plants were crossed by homozygous *y1* testers; allele tests were considered positive if the resulting ears bore white kernels. In the case of the new *w3* allele, heterozygous mutant plants were crossed by heterozygous *w3* testers and kernels from the resulting ears were seedling tested for the albino seedling *w3* phenotype. The mutants which gave positive tests of allelism are presented in Table 1.

Table 1. Results of allele tests of mutants from the Maize Genetics Stock Center phenotype only collection.

Former mutant designation	New allelic designation
y*-73-2	y1-73-2
y*-73-426	y1-73-426
y*-73-2262-1	y1-73-2262-1
y*-73-2262-2	y1-73-2262-2
y*-73-2394	y1-73-2394
y*-73-4035	y1-73-4035
y*-1981	y1-1981
y*-1982-3	y1-1982-3
y*-syn-DOCI	y1-syn-DOCI
y*-Funk-81-13	y1-Funk-81-13
y*-Sprague	y1-Sprague
y*-1981-14	y1-1981-14
pale-y*-83-3382-16	y1-83-3382-16
y*-85-3041-2	y1-85-3041-2
vp*-UFMu-02780	w3-UFMu-02780