

URBANA, ILLINOIS
Maize Genetics Cooperation Stock Center

Allelism testing of phenotype only stocks in Maize Coop collection uncovers new *viviparous5*, *waxy1* and *shrunk2* alleles

--Jackson, JD

This report summarizes allele testing of various stocks characterized by phenotype only in the Maize Genetics Coop Stock Center collection. Some of these mutants have been found in other Coop stocks and some were sent to us by our cooperators. Proposed designations have been assigned to these new alleles and they have been placed on our stocklist. It is expected that with further sorting and allelism testing of stocks characterized by phenotype only, additional alleles of characterized mutants will be discovered and placed in the main collection.

<u>Previous designation</u>	<u>Allelism test with</u> <u><i>vp5</i></u>	<u>New designation</u>	<u>MGCSC: stock number</u>
<i>y-vp*-60-153</i>	1 positive	<i>vp5-60-153</i>	123C
<i>y-vp*-0730</i>	2 positive	<i>vp5-0730</i>	123D
<i>y-vp*-8103 Funk</i>	3 positive	<i>vp5-8103 Funk</i>	123E

<u>Previous designation</u>	<u>allelism test with</u> <u><i>wx1</i></u>	<u>New designation</u>	<u>MGCSC: stock number</u>
<i>wx*-98-1406-6</i>	4 positive	<i>wx1-98-1406-6</i>	924I
<i>wx*-0208</i>	4 positive	<i>wx1-0208</i>	924J

<u>Previous designation</u>	<u>allelism test with</u> <u><i>sh2</i></u>	<u>New designation</u>	<u>MGCSC: stock number</u>
<i>sh-vp*-8806</i>	6 positive	<i>sh2-8806</i>	333DA

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