

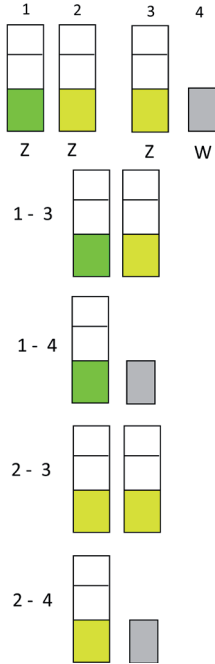
## COMBINATION OF MULTIPLE ALLELES

(2-3) Combination 3 (2-3) is again a male (two Z chromosomes) and again a mutated allele for both pallid and SL ino, hence a PallidIno green.

(2-4) Fourth possibility: SL ino green female.

A different example:

PallidIno green male x SL ino green female:



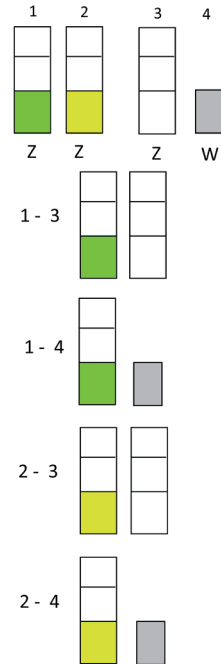
(1-3) The first combination gives two times Z and one time pallid and SL ino, hence a PallidIno green male.

(1-4) Second combination: Z and W and pallid, hence a pallid green female.

(2-3) Third possibility: two times a Z chromosome and two alleles for SL ino, so we have an SL ino green male.

(2-4) Fourth and final possibility: Z and W, hence an SL ino green female.

Finally, we would like to demonstrate what happens in a combination of allelomorphs, in this case a PallidIno green male with a wild type female.



(1-3) The first combination gives two times Z and one time pallid, hence a green split pallid male.

(1-4) Second combination: Z and W and pallid, hence a pallid green female.

(2-3) Third possibility: two times a Z chromosome and an allele for SL ino, so we have a green split SL ino male.

(2-4) Fourth and final possibility: Z and W, hence an SL ino green female.

As you can see, with a little effort these multiple alleles are not as difficult as they might seem.