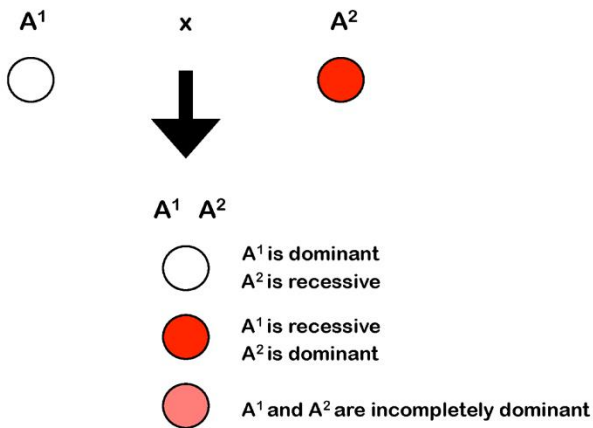
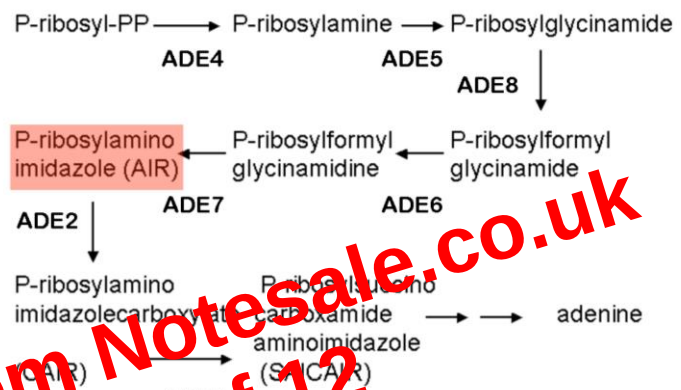




In the haploid form:

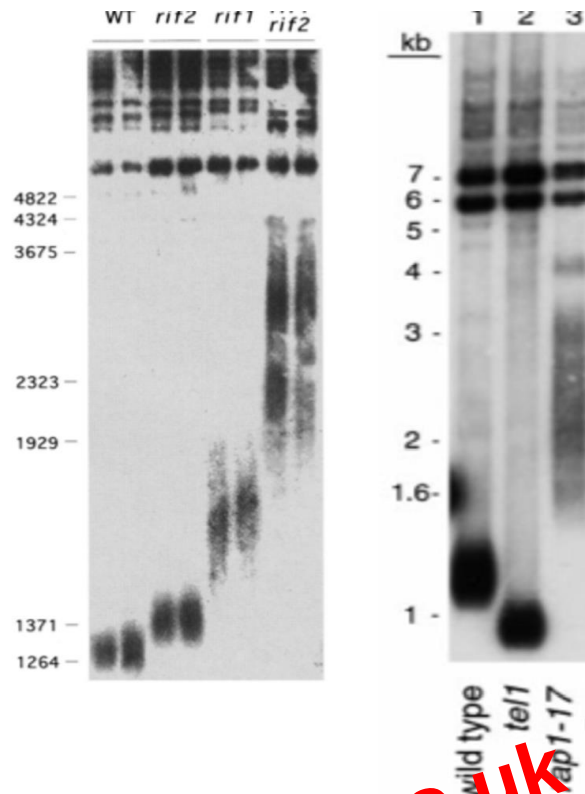
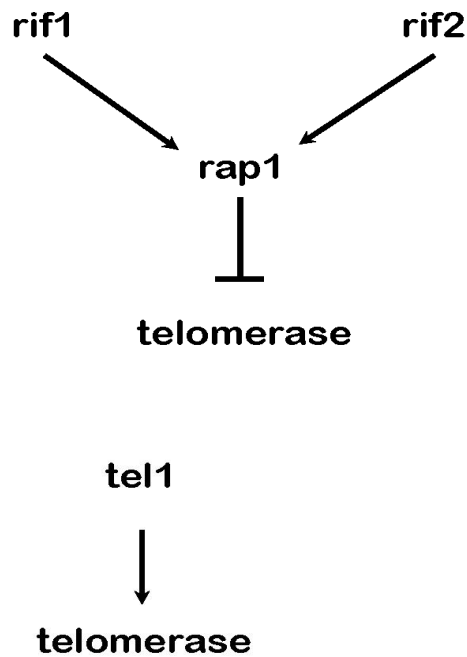
Alleles are immediately recognised, even if they're recessive.



Yeast can be red or white as well as flowers:

Yeast is normally white. Red strains carry gene mutations in biosynthesis of adenine for red phenotype. AIR accumulation leads to red yeast, which can be caused by ADE2 mutation.

Preview from Notesale.co.uk
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If rap 1 is dysfunctional by mutation then the telomeres are very long, as long as the *rif1* and *rif2* double mutant. Also, the *rap1*, *rif1*, *rif2* triple mutant has the same length as the *rap1* single mutant, so *rap1* is epistatic to *rif1* and *rif2*.

If we mutate *tel1*, the telomeres become much shorter, meaning that *tel1* is a positive regulator of telomerase. Mutation makes telomerase less active producing shorter telomeres.