But, what fraction of intronic inserts will be in frame?
Eyeless is necessary for eye development; is it sufficient?
Recombinants

Genetic Map

Progeny?
Select for more black fur

Select against black fur

“The plus race shows no white except on the underside and sometimes along the flank…”

“The minus race shows no black except a short hood lying anterior to the shoulders…”

Cross both strains to a wild-type strain and recover hooded phenotype in F2 generation

W.E. Castle
Piebald Rats and Selection, A Correction
American Naturalist, 1919
Wild type

Hpo RNAi

Hpo RNAi with dicer

Genetic Map

Joe Duffy

Hpo RNAi with dicer
Drosophila: wildtype on left. Right is antennapedia mutant with fully developed legs in place of antennae. Photo by FR Turner, Indiana Univ.