

Nuclear alleles are correlated with changes in Zim 140 haplotype frequency

3R:26478844

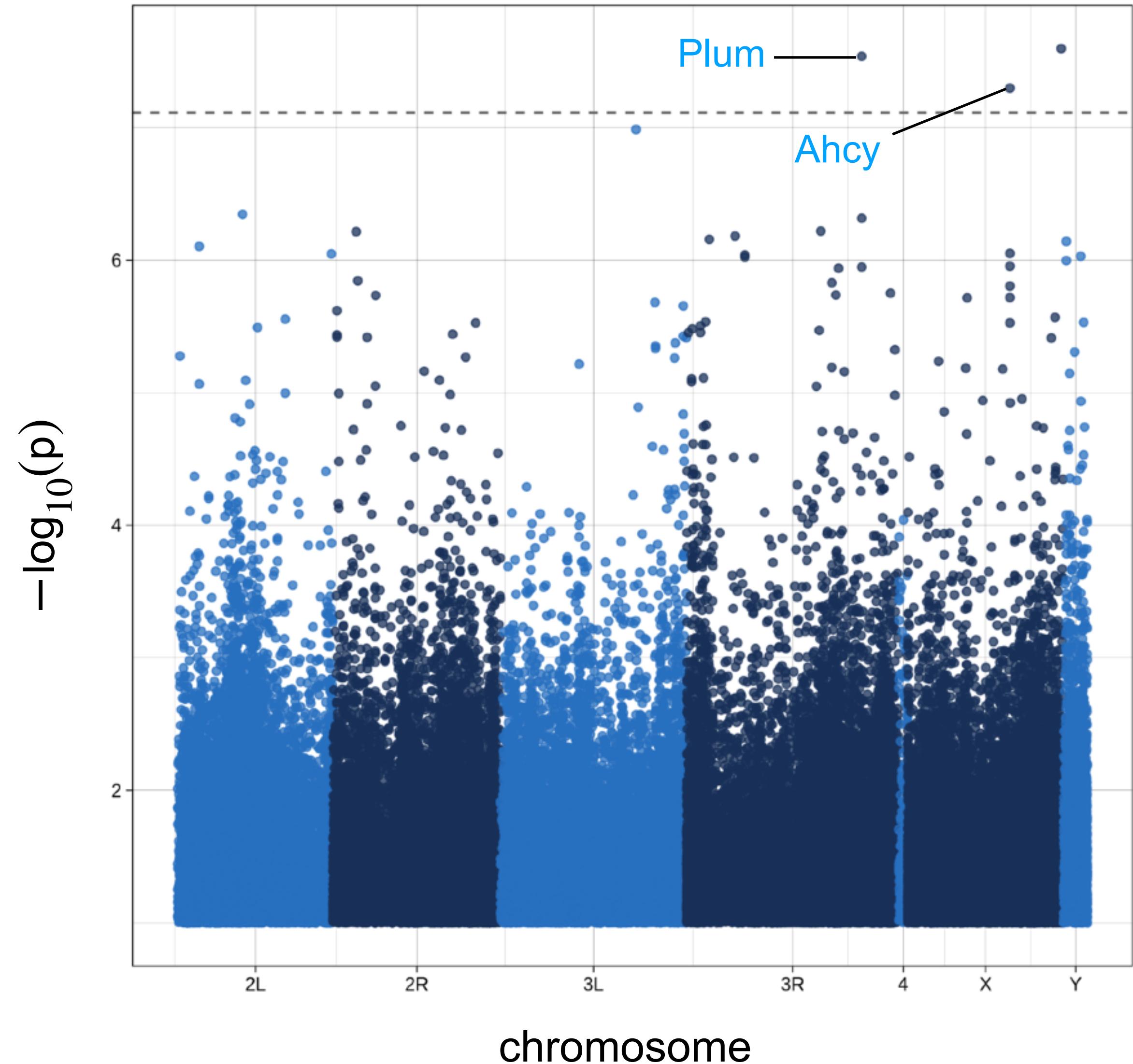
Plum gene

- Critical for the remodeling of the nervous system between larva to adult **development**

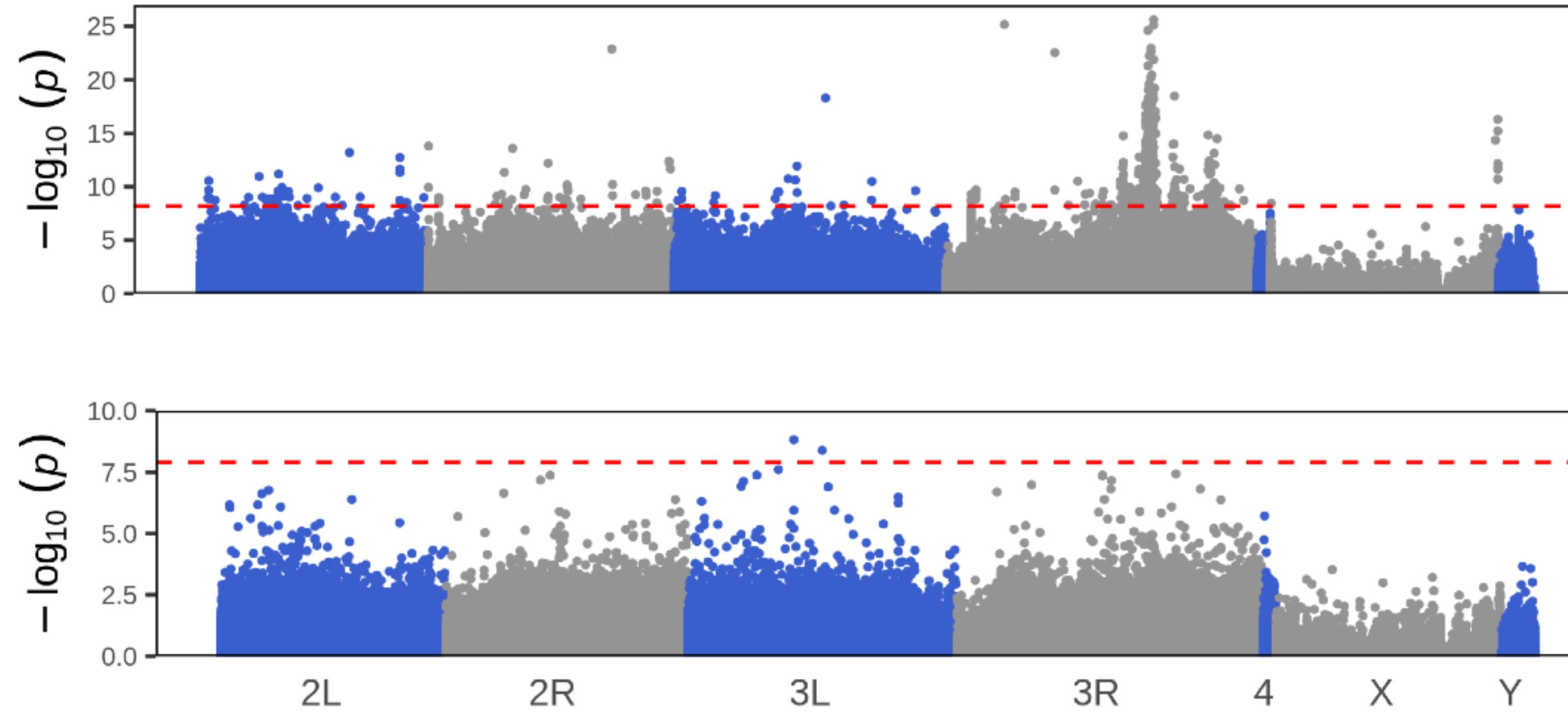
X:15451715

Ahcy gene

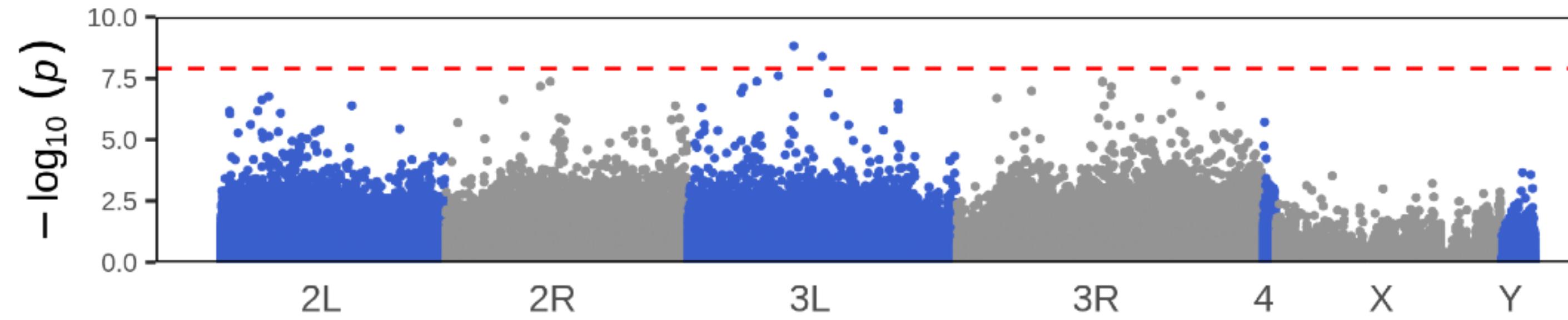
- encodes SAHase, the rate-limiting enzyme in methionine metabolism
- Methionine can **defend against oxidative stress**



The effect of rotenone on nuclear allele frequencies



CMH test on paired F40 populations



GLM test on time points and populations