

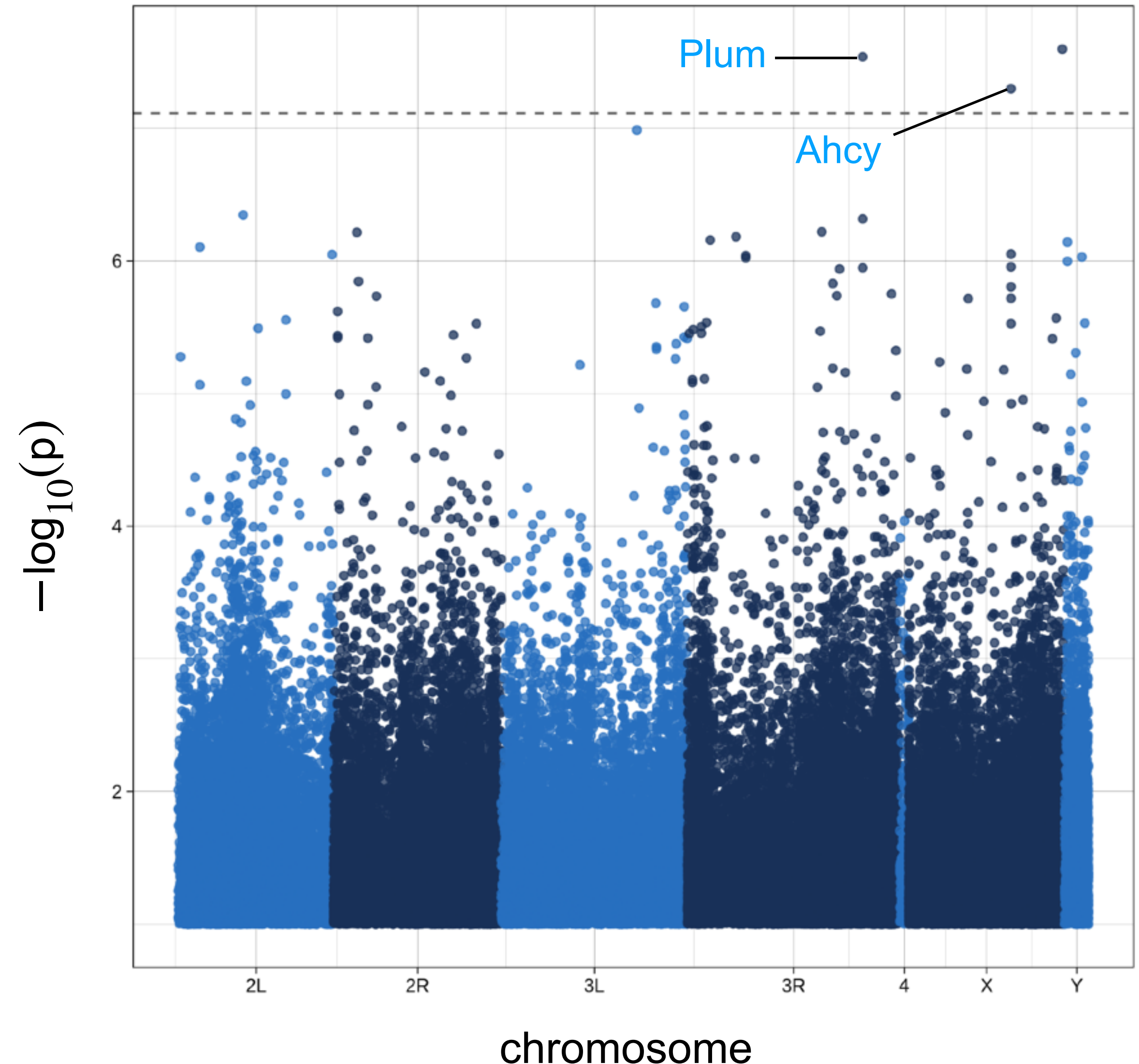
# Nuclear alleles are correlated with changes in Zim 140 haplotype frequency

3R:26478844 Plum gene

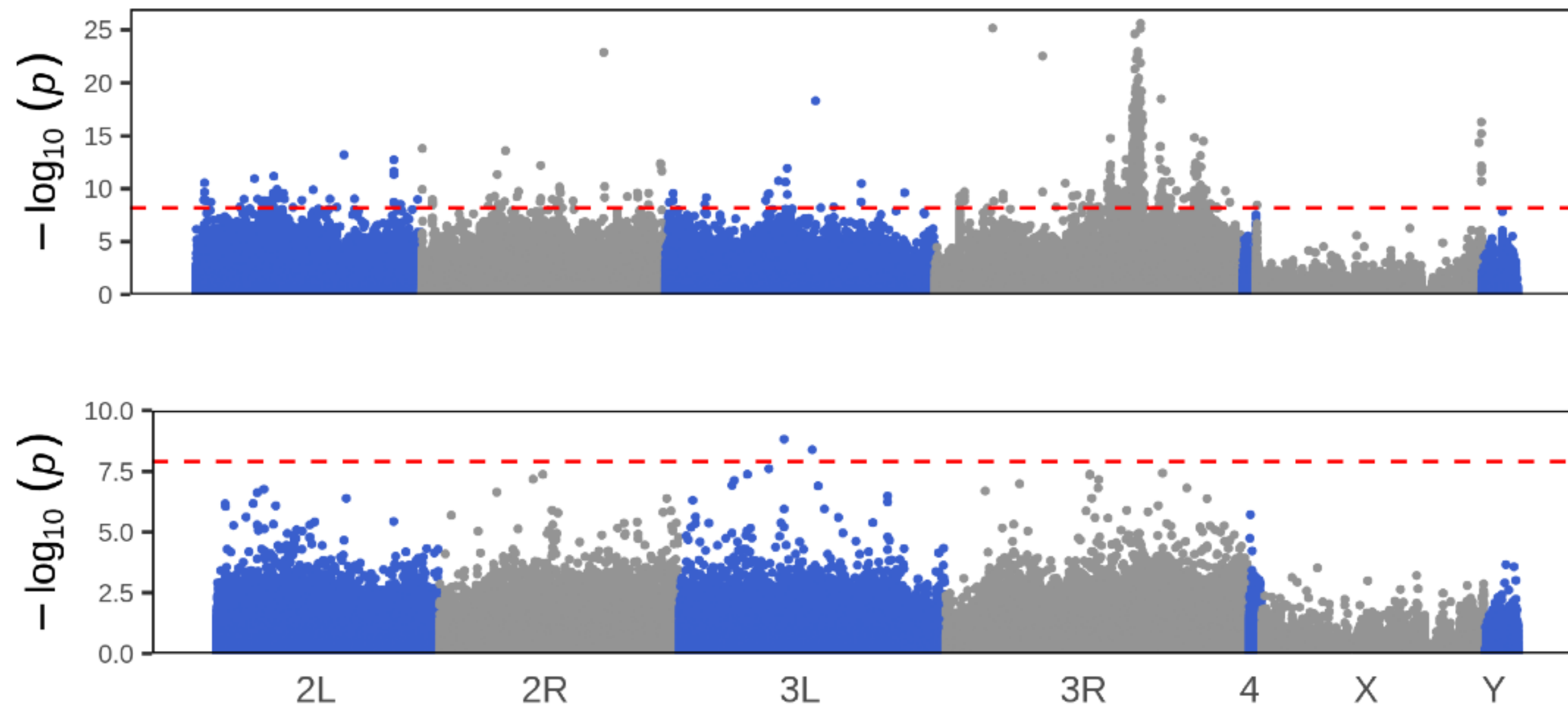
- Critical for the remodeling of the nervous system between larva to adult **development**

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