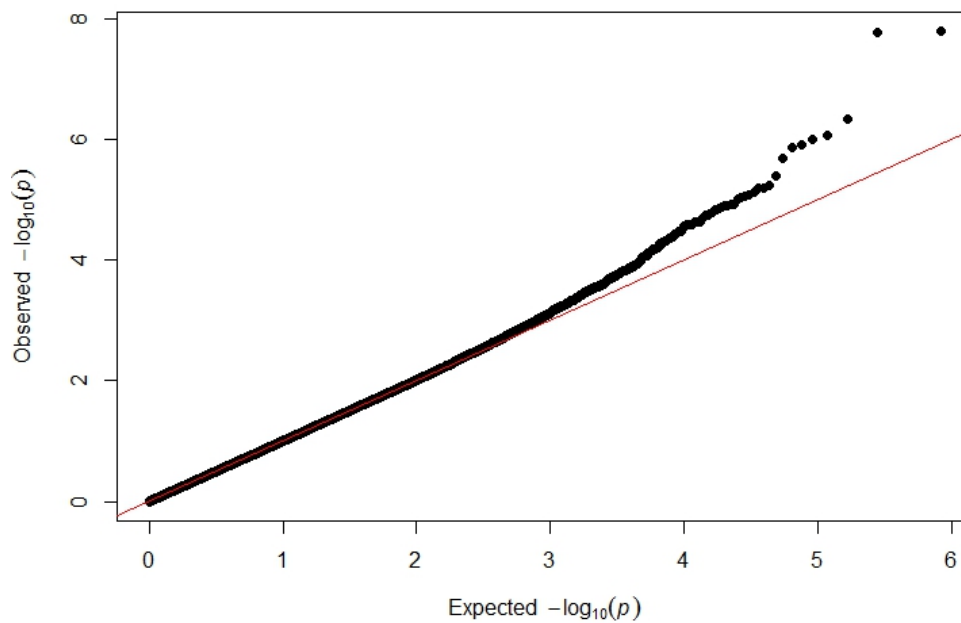


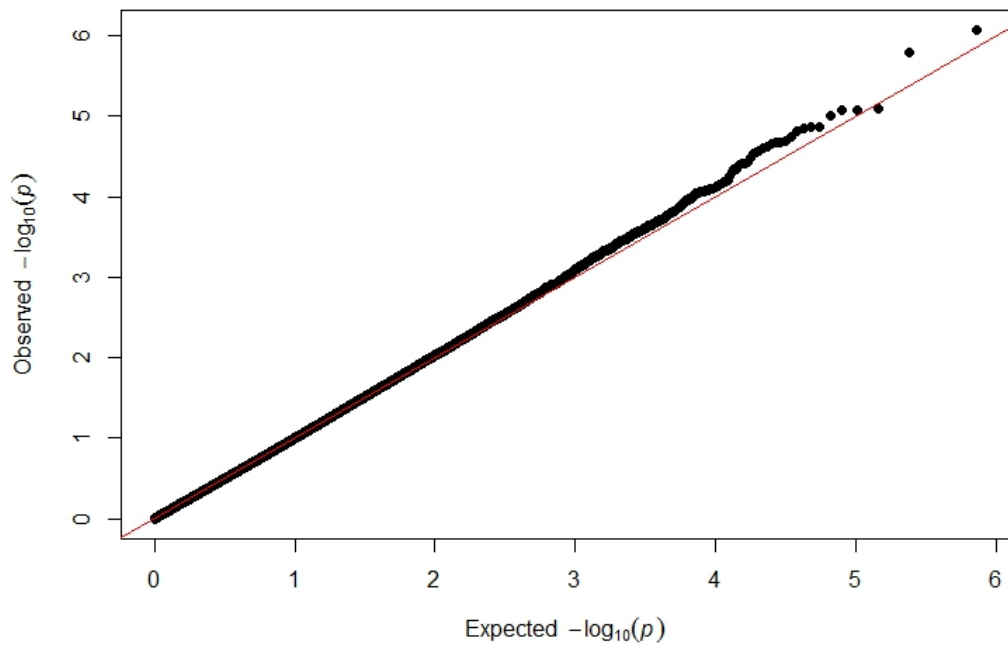
**Supplementary Figure S1. Q–Q plots displaying the GWAS results across-ecotype.**

Observed P-values are plotted against the expected P-values for **a)** Infectious bursal disease virus (IBDV) antibody titre; **b)** Marek’s disease virus (MDV) antibody titre; **c)** *Salmonella enterica* serovan Galinarum (SG) antibody titre; **d)** *Eimeria* parasitism resistance; **e)** cestodes parasitism resistance; **f)** body condition score (BCS); **g)** live body weight (BW)

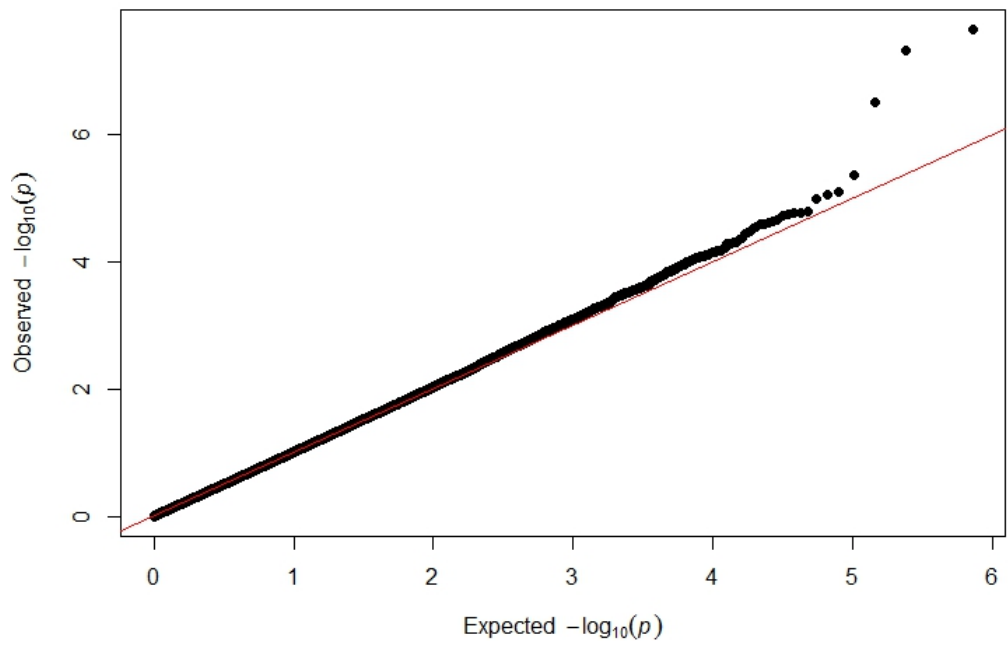
**a) IBDV**



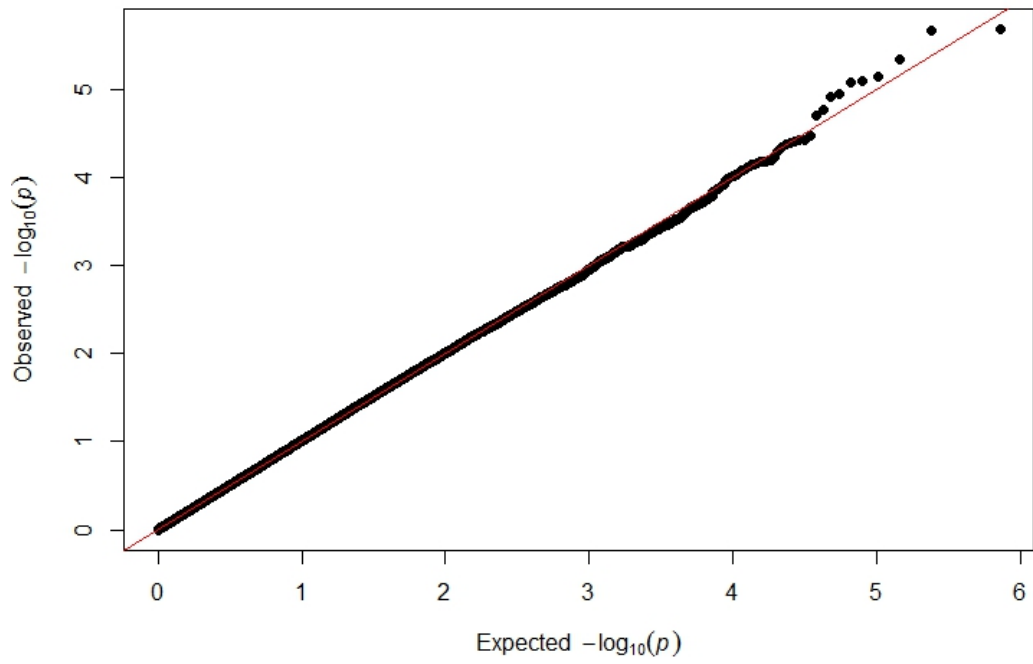
**b) MDV**



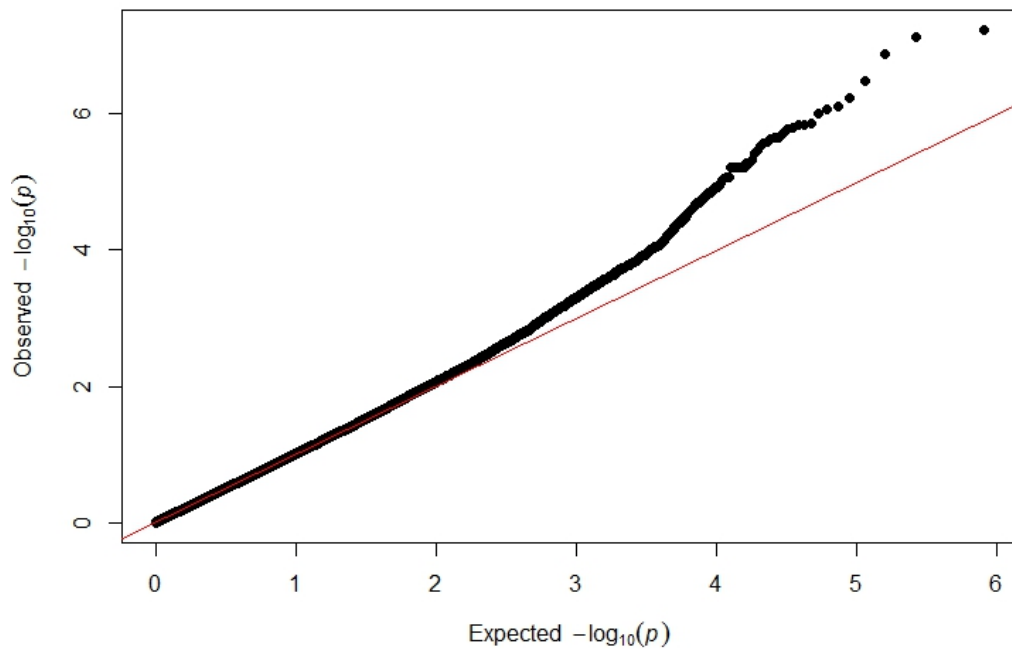
**c) SG**



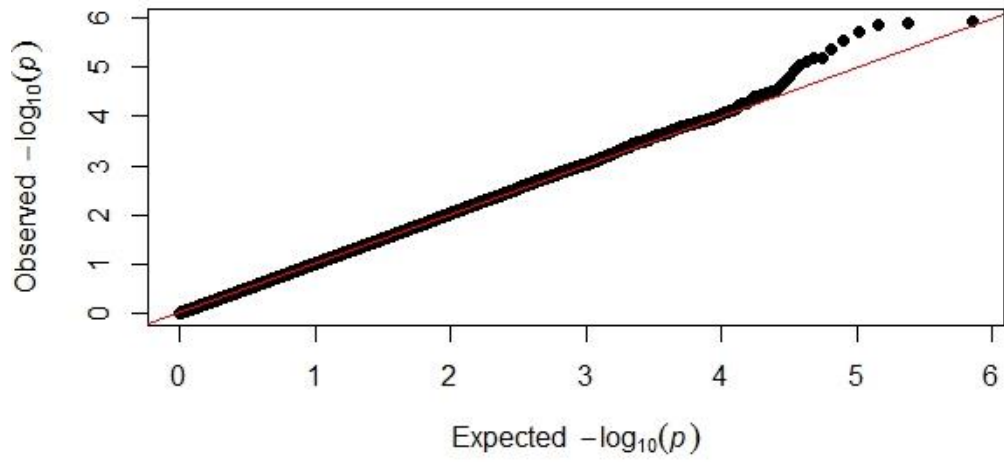
d) *Eimeria*



e) Cestodes



**f) BCS**



**g) BW**

