Total Effect of Inversion QTNs on Phenotype 0.2 0.1 sum of each Inversion QTNs effects on phenotype Pop with Highest Frequency of Inv pop1 pop2 0.0 **Inversion FST** 0.00001 0.05000 0.15000 0.20000 -0.1-0.210000 20000 30000 40000 50000 Generation