Linear regression analysis between genetic load and ROH length 2.4e-052.2e-05 population MHKjx Genetic Load 50-90.2 MHKmlh_qns MHKmls_pop1 MHKmls_pop2 **MOPdsy** MOPdxs_sg MOPfq_pt p = 0.0219**MOPhn MOPId MOPyn** 1.8e-05 1.6e-05 100Mb 200Mb 0Mb 300Mb ROH Length