Linear regression analysis between genetic load and ROH length 2.75e-05 2.50e-05 population **MHKhn** MHKjx Genetic Load MHKmlh_qns 2.25e-05 MHKmls_pop1 MHKmls_pop2 p=0.022**MOPdsy** MOPdxs_sg MOPfq_pt **MOPhn** 2.00e-05 **MOPId MOPyn** 1.75e-05 200Mb 0Mb 100Mb 300Mb **ROH Length**