Comparison of PRS-PheWAS associations (C2, eur\_leave\_ukbb\_23andme, clump p1: 1e-5) Alkaline phosphatase(INI10030610) Blood clot diagnosed by doctor(BIN\_FC3006152) Blood clot in the lung(BIND\FC802001652)d by doctor(BIN\_FC1006152)a Alkaline phosphatase(INI30610) of scale(PRS), without chr3 Blood clot or DVT diagnosed by doctor(BIN\_FC11006152 estimate BETA [SE] AST to ALT ratio (INI30030650) LDL cholesterol(INI20030780) olesterol(INI20030690) Alkaline phosphatase(INI30610) 200 300 100

BETA [SE] estimate of scale(PRS), with chr3

300 -

200 -

100 -

0 -

-log<sub>10</sub>(P) of scale(PRS), with chr3 region

-log<sub>10</sub>(P) of scale(PRS), without chr3 region