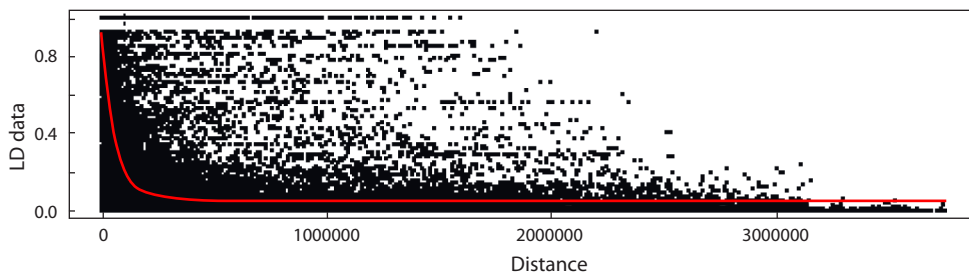
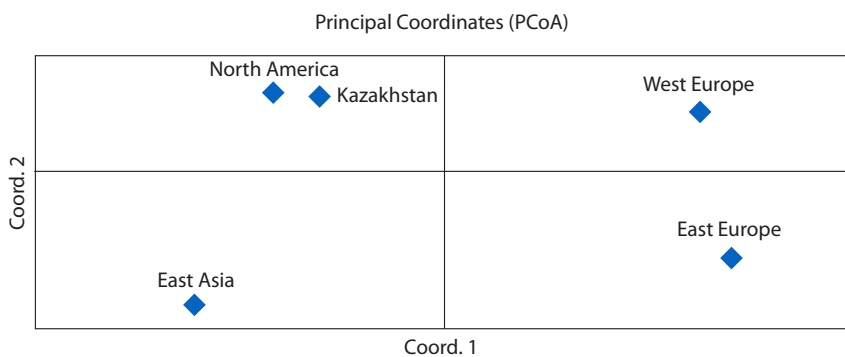


SUPPLEMENTARY MATERIALS

to the article A. Zatybekov, S. Abugalieva, S. Didorenko, A. Rsaliyev, Y. Turuspekov "GWAS of a soybean breeding collection from South East and South Kazakhstan for resistance to fungal diseases"



Supplemental Fig.1. Average linkage disequilibrium decay in pairwise analysis using 4442 SNP markers.



Supplemental Fig.2. Principal coordinate analysis for 182 soybean accessions separated to 5 groups according their breeding origin based on 4442 SNPs.