



Fig. S1. Five B-cell Integration Cluster (BIC) single-nucleotide polymorphisms (SNP) in the same LD block were selected for genotyping in 406 Swedish eczema families. Panel A shows  $D'$  values for these 5 SNPs in the Swedish eczema families. Panel B shows  $r^2$  for these 5 SNPs in the Swedish eczema families. Standard settings were used for the colour scheme in Haploview. For panel A red indicates  $D'=1$ ,  $LOD \geq 2$ , blue indicates  $D'=1$ ,  $LOD < 2$ . For panel B white indicates  $r^2=0$ , light grey  $r^2=0.2-0.39$ , middle grey  $r^2=0.4-0.59$  and dark grey  $r^2=0.6-0.79$ .