

Supplementary Table 5. Pairwise linkage disequilibrium (LD) analysis of lung function-associated sentinel SNPs. Using SNAP (www.broadinstitute.org/mpg/snap/ldsearchpw.php), a range of squared correlation coefficients (r^2) were surveyed for all 3307 nominally significant sentinel SNPs each mapping to a gene member of an enriched pathway.

Correlation	$r^2 > 0.2$	$r^2 > 0.5$	$r^2 > 0.8$
Number of SNPs in LD	214	139	87
Percentage of total sentinel SNPs (3307)	6.47%	4.20%	2.63%