**File S1. URLs**

GO, http://www.geneontology.org; Impute, http://mathgen.stats.ox.ac.uk/impute/impute\_v2.html; GSEA, <http://www.broadinstitute.org/gsea>;

GWAMA, http://www.well.ox.ac.uk/gwama; 1KGenome, <http://www.1000genomes.org>;

HapMap, http://www.hapmap.org; R, http://cran.r-project.org;

KEGG, http://www.genome.jp/kegg; REACTOME, <http://www.reactome.org>;

PLINK; <http://pngu.mgh.harward.edu/~purcell/plink>.