###### Title: Data archive 2 - Summary of T-genes regulated by each S-gene from our gene-based PLS analysis according to population.

**Description:** This Excel file provides a table that summarized the T-genes regulated by each S-gene from our gene-based PLS analysis by population. The table consists of 3 components and each row represents an S-gene. The first component provides the “S-gene name” and “Probe\_Set”: each S-gene is named by its gene symbol followed by an Entrez gene ID. All the SNPs contained in each S-gene are listed in the “Probe\_Set” column; multiple SNPs are separated by commas. The second component provides the “data availability” of gene expression and SNP, and “1” indicates that the data is available and “NA” indicates it is not available in the g-eQTL mapping. The third component provides the names of T-genes regulated by S-genes through a cis- or trans-regulatory mechanism according to population. For each population, the first column records whether a cis-acting regulation occurred in an S-gene (“1” indicates a cis-acting relation was identified and “NA” indicates there was no cis-acting relation). The second column summarizes all trans-acting T-genes regulated by an S-gene. Each T-gene is named by its gene symbol followed by an Entrez gene ID, and multiple T-genes are separated by commas.