

## **MetaboChip replication SNPs public data release - December, 2012 - README.pdf**

“Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways”

Robert A Scott, Vasiliki Lagou, Ryan P Welch et al., (2012) *Nature Genetics*

These files contain the association analysis results presented in the paper above (1). The Illumina CardioMetaboChip (MetaboChip) contains both replication and fine-mapping components and results for the ~66K replication SNPs are included in these files. Further details on the MetaboChip can be found in the MetaboChip design paper (2).

Results for fasting glucose are from models adjusted for age and sex, and from up to 133,010 non-diabetic participants from 66 studies. Fasting insulin results are for ln-transformed fasting insulin as the outcome and are adjusted for age, sex and are reported both with and without BMI adjustment. These results are from up to 108,557 individuals from 56 studies. Results for 2h-glucose are from models adjusted for age and sex and from up to 42,854 individuals from 20 studies. Further details are provided in the primary paper (1).

When using data from the downloadable meta-analyses results please acknowledge the source of the data as follows: "Data on glycaemic traits have been contributed by MAGIC investigators and have been downloaded from [www.magicinvestigators.org](http://www.magicinvestigators.org)" citing the paper (1).

### Reference List

1. Scott RA, Lagou V, Welch RP, et al (2012) Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways. *Nat.Genet.* 44: 991-1005
2. Voight BF, Kang HM, Ding J, et al (2012) The metabochip, a custom genotyping array for genetic studies of metabolic, cardiovascular, and anthropometric traits. *PLoS.Genet.* 8: e1002793