## GWAS meta-analyses for insulin secretion during OGTT public data release – May 2014 – README.pdf

"A Central Role for GRB10 in Regulation of Islet Function in Man".
Prokopenko I, Poon W, Mägi R, et. al., (2014) PLoS Genetics

These files contain the association analysis results presented in the paper above (1). The GWAS discovery results for 9 traits from up to 7 cohorts are included in these files. Results from all traits are ln-transformed and are adjusted for age, sex, BMI and study-specific covariates. Meta-analysis files are filtered with MAF>1%, total samplesize >50%, and heterogeneity Cochrans Q-test_p-value > 0.0001.

Results for CIR are from up to 5,318, for CIRadjISI are from up to 4,789, for AUCIns/AUCGluc are from up to 4,213, for DI are from up to 5,130, for Increm30 are from up to 4,447, for Ins30 are from up to 4,483, for Ins30adjBMI are from up to 4,409, for AUCIns are from up to 4,324, and for ISI are from up to 4,769 non-diabetic participants.

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

Reference List

1. Prokopenko I, Poon W, Mägi R, Prasad R, Salehi SA, Almgren P, Osmark P, Bouatia-Naji N, Wierup N, Fall T, Stančáková A, Barker A, Lagou V, Osmond C, Xie W, Lahti J, Jackson AU, Cheng YC, Liu J, O'Connell JR, Blomstedt PA, Fadista J, Alkayyali S, Dayeh T, Ahlqvist E, Taneera J, Leceour C, Kumar A, Hansson O, Hansson K, Voight BF, Kang HM, Levy-Marchal C, Vatin V, Palotie A, Syvänen AC, Mari A, Weedon M, Loos RJ, Ong KK, Nilsson P, Isomaa B, Tuomi T, Wareham NJ, Stumvoll M, Widen E, Lakka TA, Langenberg C, Tönjes A, Rauramaa R, Kuusisto J, Frayling TM, Froguel P, Walker M, Eriksson JG, Ling C, Kovacs P, Ingelsson E, McCarthy MI, Shuldiner AR, Silver KD, Laakso M, Groop L, Lyssenko V. A Central Role for GRB10 in Regulation of Islet Function in Man. *PLoS Genet* 2014, Apr 3;10(4):e1004235.