

README

This workbook contains genome-wide association hits for the 12 metabolic traits + 2 PCs of Zhang et al, "Genetic Architecture of Metabolic Traits in Maize". These GWAS hits were first published in Wallace et al 2014, PLoS Genet 10(12): e1004845. We have added

Explanation of column headers:

trait	Trait abbreviation
v2_chrom/v3_chrom	Chromosome in AGPv2/v3 coordinates
v2_pos_v3_pos	Basepair position in AGPv2/v3 coordinates
rmip	Resample model inclusion probability, meaning how many times out of 100 iterations 1
dist_to_gene	Distance to the nearest gene (from the maize Filtered Gene Set). A distance of 0 mea
nearest_gene	The stable ID and (if available) brief annotation of the nearest gene

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ome-wide association study of carbon and nitrogen metabolism in the maize nested association map
l the nearest gene and present the hits in both AGPv2 and AGPv3 genome coordinates

the SNP was detected. Only SNPs with RMIP \geq 5 are included here.
ns that the SNP is within an annotated gene.

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pping population.'