**Supplementary Information**

**Genetic markers of inflammation do not contribute to metabolic traits in Mexican children**Neeti Vashi1, Carolina Stryjecki1, Jesus Peralta-Romero2, Fernando Suarez2, Jaime Gomez-Zamudio2, Ana I. Burguete-Garcia3, Miguel Cruz2,\*, David Meyre1,4,\*1Department of Clinical Epidemiology and Biostatistics, McMaster University, Hamilton, ON, Canada

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**Supplementary Table 1. Description of the 6 SNPs studied.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Gene Name | Chromosomal Physical Location | SNP | Major Allele | Minor Allele | Genotype Count | Call Rate (%) | HWE P-value |
| *LEPR* | 1q31.3 | rs1137101 | A | G | 423 712 312 | 98.97 | 0.70 |
| *HNF1A* | 12q24.31 | rs7305618 | C | T | 1083 300 27 | 96.44 | 0.25 |
| *TNFA* | 6p21.3 | rs1800629 | G | A | 1343 118 1 | 100 | 0.33 |
| *IL-10* | 1q31-32 | rs1800896 | T | C | 791 527 84 | 95.90 | 0.76 |
| rs1800871 | G | A | 473 732 248 | 99.38 | 0.22 |
| *RETN* | 19p13.2 | rs1862513 | C | G | 1089 275 19 | 94.60 | 0.73 |

**Supplementary Figure 1. Power Calculation for the main effect of the SNPs on BMI.** Two-sided P-value of 0.05, 80% power.

**Supplementary Figure 2. Power calculation for the main effect of SNPs on BMI with Bonferroni correction.** Two sided P-value of 4.6x10-4, 80% power.