Supplementary Table 5. Association of MARC1 A165T with metabolic traits.

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| --- | --- | --- | --- | --- | --- |
| ***Outcome*** | ***Source*** | ***n*** | ***Beta*** | ***SE*** | ***p-value*** |
| *Liver enzymes* |  |  |  |  |  |
| ALT | Partners Biobank, Framingham, LOLIPOP, BioBank Japan, UK Biobank | 607935 | -0.025 | 0.002 | 3.7\*10^-43 |
| AST | Partners Biobank, Framingham, LOLIPOP, BioBank Japan, UK Biobank | 606638 | -0.013 | 0.002 | 1.8\*10^-11 |
| ALP | Partners Biobank, Framingham, LOLIPOP, BioBank Japan, UK Biobank | 551105 | -0.025 | 0.002 | 1.2\*10^-37 |
| *Blood lipids* |  |  |  |  |  |
| Total Cholesterol | GLGC, UK Biobank | 575012 | -0.030 SD | 0.002 | 1.9\*10^-36 |
| LDL Cholesterol | GLGC, UK Biobank | 574283 | -0.027 SD | 0.002 | 5.1\*10^-30 |
| HDL Cholesterol | GLGC, UK Biobank | 542407 | -0.028 SD | 0.002 | 1.3\*10^-30 |
| Triglycerides | GLGC, UK Biobank | 574708 | 0.013 SD | 0.002 | 3.0\*10^-9 |
| *Blood pressure* |  |  |  |  |  |
| Systolic blood pressure | UK Biobank | 379771 | 0.001 SD | 0.002 | 0.55 |
| Diastolic blood pressure | UK Biobank | 379782 | 0.003 SD | 0.003 | 0.19 |
| *Anthropometric measurements* |  |  |  |  |  |
| Body mass index | GIANT | 325053 | 0.005 SD | 0.003 | 0.17 |
| Waist to hip ratio adjusted for body mass index | GIANT | 211816 | 0.006 SD | 0.004 | 0.15 |

GLGC: Global lipids genetics consortium, GIANT: Genetic investigation of anthropometric traits consortium, SD: standard deviations