

Table S5. Age, sex and cagA-adjusted associations of single nucleotide polymorphisms (SNPs)

| Chromosome | SNP | Gene | OR (95% CI)* | p-value |
|------------|------------------|----------------------|--------------------|--------------|
| 1 | rs1801131 | <i>MTHFR</i> | | 0.871 |
| 1 | rs1801133 | <i>MTHFR</i> | 1.19 (1.00, | 0.047 |
| 1 | rs1846522 | <i>FAF1</i> | | 0.242 |
| 1 | rs1137101 | <i>LEPR</i> | | 0.716 |
| 1 | rs5845 | <i>SELENOF</i> | | 0.597 |
| 1 | rs1800871 | <i>IL10</i> | | 0.81 |
| 1 | rs1800896 | <i>IL10</i> | | 0.815 |
| 2 | rs2302615 | <i>ODC1</i> | 1.36 (1.05, | 0.018 |
| 2 | rs1800440 | <i>CYPTB1</i> | 0.74 (0.55, | 0.04 |
| 2 | rs1056836 | <i>CYPTB1</i> | 0.81 (0.66, | 0.036 |
| 2 | rs10197208 | <i>GKN3P</i> | | 0.796 |
| 2 | rs1143634 | <i>IL1B</i> | | 0.228 |
| 2 | rs1143627 | <i>IL1B</i> | | 0.473 |
| 2 | rs16944 | <i>IL1B</i> | | 0.411 |
| 2 | rs419598 | <i>IL1RN</i> | | 0.836 |
| 2 | rs1063728 | <i>RPRM</i> | | 0.815 |
| 2 | rs61261057 | <i>UGT1A10</i> | | 0.971 |
| 2 | rs17868323 | <i>UGT1A10</i> | | 0.384 |
| 2 | rs11692021 | <i>UGT1A10</i> | | 0.435 |
| 3 | rs35683 | <i>GHRL</i> | 1.17 (1.05, | 0.096 |
| 3 | rs9841504 | <i>ZBTB20</i> | | 0.156 |
| 4 | rs4129009 | <i>TLR10</i> | 0.79 (0.59, | 0.089 |
| 4 | rs4543123 | <i>TLR1</i> | | 0.334 |
| 4 | rs5743604 | <i>TLR1</i> | | 0.48 |
| 4 | rs6815814 | <i>TLR1</i> | | 0.809 |
| 4 | rs4588 | <i>GC</i> | | 0.755 |
| 4 | rs7041 | <i>GC</i> | | 0.791 |
| 4 | rs4073 | <i>CXCL8</i> | | 0.942 |
| 5 | rs1336170 | <i>PRKAA1</i> | 1.24 (1.00, | 0.048 |
| 5 | rs7579 | <i>CCDC152</i> | | 0.751 |
| 5 | rs3877899 | <i>CCDC152</i> | | 0.402 |
| 6 | rs3020314 | <i>ESR1</i> | | 0.652 |
| 6 | rs4880 | <i>SOD2</i> | | 0.146 |
| 7 | rs2066853 | <i>AHR</i> | | 0.521 |
| 7 | rs1800795 | <i>IL6</i> | | 0.477 |
| 8 | rs5030839 | <i>NAT1</i> | | 0.351 |
| 8 | rs15561 | <i>NAT1</i> | | 0.687 |
| 8 | rs1041983 | <i>NAT2</i> | | 0.133 |
| 8 | rs1799929 | <i>NAT2</i> | | 0.255 |
| 8 | rs1799930 | <i>NAT2</i> | | 0.669 |
| 8 | rs1799931 | <i>CYP2C9</i> | | 0.198 |
| 8 | rs2294008 | <i>PSCA</i> | | 0.197 |
| 9 | rs1927914 | <i>TLR4</i> | 1.23 (1.03, | 0.021 |
| 9 | rs505922 | <i>ABO</i> | | 0.357 |
| 10 | rs10508902 | <i>ARHGAP22</i> | | 0.995 |

| | | | | |
|-----------|------------------|----------------|--------------------|--------------|
| 10 | rs2031920 | <i>CYP2E1</i> | | 0.332 |
| 11 | rs12794714 | <i>CYPR1</i> | | 0.33 |
| 11 | rs2060793 | <i>CYPR1</i> | | 0.552 |
| 11 | rs12800438 | <i>NADSYN1</i> | | 0.304 |
| 11 | rs3829251 | <i>NADSYN1</i> | | 0.173 |
| 11 | rs530537 | CASP1 | 1.23 (1.03, | 0.019 |
| 14 | rs4986938 | ESR2 | 1.22 (0.99, | 0.068 |
| 14 | rs1950902 | <i>MTHFD1</i> | | 0.617 |
| 14 | rs2236225 | <i>MTHFD1</i> | | 0.526 |
| 15 | rs762551 | <i>CYP1A2</i> | | 0.611 |
| 16 | rs16260 | <i>CDH1</i> | | 0.225 |
| 17 | rs2297518 | <i>NOS2</i> | | 0.913 |
| 17 | rs7220169 | <i>GAST</i> | | 1 |
| 19 | rs713041 | <i>GPX4</i> | | 0.898 |
| 19 | rs1800469 | <i>B9D2</i> | | 0.902 |
| 20 | rs1304239 | SLC52A3 | 1.38 (0.95, | 0.094 |
| 20 | rs6116569 | <i>SLC23A2</i> | | 0.393 |
| 20 | rs6133175 | <i>SLC23A2</i> | | 0.692 |
| 20 | rs6053005 | <i>SLC23A2</i> | | 0.387 |
| 20 | rs17217119 | <i>CYP24A1</i> | | 0.539 |
| 21 | rs225439 | <i>TFF3</i> | | 0.182 |

*Odds ratio only included if p < 0.10 (in bold)