

**Table S6. SNPs associated with adiponectin at genome-wide significant levels ( $p < 5 \times 10^{-8}$ ) using fixed-effect models in men only in European populations.**

| SNPs       | Chr/Position | EA/NEA | Beta (95 CI %)        | SE    | pvalue   | I2   | n      |
|------------|--------------|--------|-----------------------|-------|----------|------|--------|
| rs2062632  | 3/187943875  | T/C    | 0.054(0.037,0.071)    | 0.009 | 1.33E-09 | 0.44 | 12,662 |
| rs822355   | 3/187962817  | T/C    | -0.052(-0.068,-0.035) | 0.008 | 1.10E-09 | 0.34 | 11,848 |
| rs822354   | 3/187962900  | G/A    | -0.053(-0.068,-0.038) | 0.008 | 9.46E-12 | 0.29 | 12,643 |
| rs266733   | 3/187976007  | T/G    | 0.052(0.038,0.065)    | 0.007 | 2.17E-13 | 0    | 12,657 |
| rs185554   | 3/187977116  | G/A    | 0.057(0.044,0.071)    | 0.007 | 3.41E-16 | 0    | 12,662 |
| rs266719   | 3/187984342  | T/C    | 0.075(0.059,0.091)    | 0.008 | 1.62E-19 | 0.24 | 12,661 |
| rs3900626  | 3/187984594  | T/C    | -0.052(-0.07,-0.035)  | 0.009 | 1.23E-08 | 0.19 | 12,662 |
| rs1426810  | 3/187986129  | G/A    | 0.057(0.044,0.07)     | 0.007 | 1.45E-16 | 0    | 12,662 |
| rs1354091  | 3/187988594  | T/G    | 0.053(0.039,0.068)    | 0.007 | 1.66E-12 | 0    | 12,661 |
| rs2066500  | 3/187990616  | T/C    | -0.052(-0.067,-0.038) | 0.007 | 3.01E-12 | 0    | 12,662 |
| rs266759   | 3/187991006  | T/C    | -0.054(-0.067,-0.041) | 0.007 | 1.37E-15 | 0    | 12,661 |
| rs266756   | 3/187991268  | G/C    | 0.076(0.06,0.092)     | 0.008 | 7.12E-20 | 0.23 | 12,662 |
| rs266754   | 3/187991660  | T/C    | -0.054(-0.067,-0.041) | 0.007 | 2.04E-15 | 0    | 12,662 |
| rs187868   | 3/187992211  | G/A    | 0.054(0.041,0.067)    | 0.007 | 1.16E-15 | 0    | 12,661 |
| rs3917117  | 3/187998538  | G/A    | 0.054(0.039,0.069)    | 0.008 | 2.89E-12 | 0    | 12,662 |
| rs843991   | 3/187999122  | T/C    | 0.057(0.044,0.07)     | 0.007 | 6.49E-17 | 0    | 12,661 |
| rs3917110  | 3/188001346  | G/C    | -0.055(-0.07,-0.04)   | 0.007 | 6.82E-13 | 0    | 12,662 |
| rs16861184 | 3/188003171  | T/C    | -0.055(-0.07,-0.04)   | 0.008 | 9.64E-13 | 0    | 12,661 |
| rs2293243  | 3/188005431  | T/A    | -0.055(-0.07,-0.04)   | 0.008 | 1.24E-12 | 0    | 12,661 |
| rs6810075  | 3/188031259  | T/C    | 0.077(0.063,0.091)    | 0.007 | 6.72E-26 | 0    | 12,661 |
| rs10937273 | 3/188032389  | G/A    | -0.044(-0.057,-0.031) | 0.007 | 1.52E-10 | 0.47 | 12,661 |
| rs1648707  | 3/188034405  | C/A    | -0.074(-0.087,-0.061) | 0.007 | 4.82E-26 | 0    | 12,662 |
| rs822387   | 3/188038731  | T/C    | -0.161(-0.187,-0.135) | 0.013 | 8.73E-33 | 0.52 | 12,660 |
| rs266729   | 3/188042168  | G/C    | -0.076(-0.091,-0.061) | 0.008 | 3.73E-22 | 0    | 12,661 |
| rs182052   | 3/188043476  | G/A    | 0.076(0.063,0.09)     | 0.007 | 1.98E-27 | 0    | 12,661 |
| rs16861209 | 3/188045808  | C/A    | -0.199(-0.228,-0.17)  | 0.015 | 1.92E-39 | 0.35 | 12,661 |
| rs16861210 | 3/188049192  | G/A    | -0.192(-0.22,-0.163)  | 0.014 | 1.24E-38 | 0.25 | 12,662 |
| rs12495941 | 3/188050874  | T/G    | 0.048(0.032,0.065)    | 0.008 | 1.83E-08 | 0.39 | 12,662 |
| rs7649121  | 3/188051479  | T/A    | -0.085(-0.107,-0.063) | 0.011 | 6.23E-14 | 0.28 | 11,601 |
| rs3774261  | 3/188054253  | G/A    | -0.069(-0.082,-0.056) | 0.007 | 1.41E-23 | 0.36 | 12,662 |
| rs6773957  | 3/188056399  | G/A    | -0.069(-0.082,-0.056) | 0.007 | 1.38E-23 | 0.36 | 12,661 |
| rs7639352  | 3/188061168  | T/C    | 0.067(0.053,0.082)    | 0.007 | 2.28E-19 | 0    | 12,662 |
| rs6444175  | 3/188062438  | G/A    | -0.067(-0.081,-0.052) | 0.007 | 6.69E-19 | 0    | 12,661 |
| rs8047711  | 16/81225172  | G/A    | 0.21(0.165,0.254)     | 0.023 | 1.38E-19 | 0.44 | 11,084 |
| rs12922394 | 16/81229828  | T/C    | -0.132(-0.165,-0.098) | 0.017 | 3.58E-14 | 0.08 | 11,083 |
| rs731839   | 19/38590905  | G/A    | -0.04(-0.054,-0.026)  | 0.007 | 3.76E-08 | 0.11 | 12,662 |

