|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene | SNP | Coding | Estimate (B) | Unadjusted p |
| CHRNA7 | kgp10538347 | Recessive | 1.11 | 0.002 |
| INSR | rs3786681 | Recessive | -0.50 | 0.003 |
| NR3C1 | rs4912916 | Additive | -0.51 | 0.009 |
| NR3C1 | rs246430 | Dominant | 0.34 | 0.009 |
| NR3C1 | rs246430 | Additive | 0.68 | 0.009 |
| CHRNA7 | rs1909884 | Additive | 0.31 | 0.012 |
| CHRNA7 | rs904951 | Dominant | 0.23 | 0.012 |
| CHRNA7 | exm2260416 | Additive | 0.38 | 0.013 |
| LEPR | rs10749753 | Dominant | 0.22 | 0.014 |
| NPY | rs16131 | Additive | 0.43 | 0.014 |
| CHRNA7 | rs11071503 | Additive | 0.40 | 0.014 |
| NR3C1 | rs325260 | Dominant | 0.20 | 0.014 |
| NR3C1 | rs325260 | Additive | 0.32 | 0.015 |
| LEPR | rs6697315 | Recessive | -0.24 | 0.016 |
| CHRNA7 | kgp9391258 | Recessive | -0.34 | 0.017 |
| CHRNA7 | exm2260416 | Dominant | 0.21 | 0.020 |
| CHRNA7 | rs11071503 | Dominant | 0.22 | 0.020 |
| NR3C1 | rs4912916 | Dominant | -0.24 | 0.021 |
| CHRNA7 | rs904951 | Additive | 0.30 | 0.022 |
| NR3C1 | rs4912916 | Recessive | -1.10 | 0.025 |
| CHRNA7 | rs11637923 | Additive | 0.45 | 0.028 |
| NPY | rs16131 | Dominant | 0.20 | 0.029 |
| CHRNA7 | rs1909884 | Dominant | 0.18 | 0.030 |
| INSR | newrs1799816 | Dominant | -0.54 | 0.030 |
| INSR | newrs1799816 | Additive | -1.07 | 0.030 |
| CHRNA7 | kgp10538347 | Additive | 0.39 | 0.030 |
| NR3C1 | rs17100500 | Additive | -0.25 | 0.035 |
| CRHR1 | exm1330732 | Additive | -0.78 | 0.039 |
| NPY | rs16131 | Recessive | 1.00 | 0.043 |
| LEPR | rs9436748 | Dominant | 0.17 | 0.043 |
| NPY | rs16478 | Recessive | -0.30 | 0.044 |
| NR3C1 | rs1445873 | Recessive | 0.50 | 0.044 |
| NR3C1 | rs11948121 | Additive | -0.23 | 0.048 |
| NR3C1 | rs17100500 | Recessive | -0.24 | 0.048 |

Supplementary Table 1. SNPs with unadjusted p<0.05