

Supplementary Table 1. Genetic variants  $P < 5E-8$  for the full study sample (n=4,537).

| Chromosome | Position | SNP        | A1 | A2 | Beta  | <i>P</i> |
|------------|----------|------------|----|----|-------|----------|
| 10         | 69974771 | rs11812723 | C  | A  | 0.15  | 6.01E-09 |
| 10         | 69975033 | rs11813125 | C  | T  | 0.15  | 2.31E-09 |
| 10         | 69975123 | rs11813170 | G  | C  | 0.15  | 2.20E-09 |
| 10         | 69975677 | rs17538164 | C  | G  | 0.15  | 2.15E-09 |
| 10         | 69976594 | rs6480317  | C  | A  | -0.14 | 6.14E-09 |
| 10         | 69977616 | rs7898034  | A  | C  | -0.14 | 5.76E-09 |
| 10         | 69977697 | rs1900009  | G  | A  | 0.15  | 1.99E-09 |
| 10         | 69977775 | rs1900007  | G  | A  | 0.15  | 2.05E-09 |
| 10         | 69980193 | rs7904069  | T  | C  | 0.15  | 7.27E-10 |
| 10         | 69980221 | rs10733840 | A  | G  | -0.15 | 3.81E-10 |
| 10         | 69980750 | rs7080267  | T  | C  | 0.15  | 6.83E-10 |
| 10         | 69981436 | rs2394459  | A  | G  | -0.15 | 4.45E-10 |
| 10         | 69981743 | rs2394462  | A  | G  | -0.15 | 2.77E-10 |
| 10         | 69982298 | rs2166221  | C  | T  | 0.15  | 8.99E-10 |
| 10         | 69984105 | rs6480318  | T  | C  | 0.14  | 1.42E-09 |
| 10         | 69984106 | rs2394465  | C  | A  | -0.15 | 7.72E-12 |
| 10         | 69985415 | rs7895164  | T  | C  | 0.15  | 1.13E-09 |
| 10         | 69987237 | rs61854781 | A  | G  | 0.14  | 1.74E-09 |
| 10         | 69991749 | rs61854782 | T  | G  | 0.15  | 2.16E-09 |
| 10         | 69991853 | rs7916697  | A  | G  | -0.15 | 1.97E-11 |
| 10         | 69994377 | rs7894859  | A  | G  | 0.15  | 1.19E-09 |
| 10         | 69995667 | rs7916410  | T  | C  | -0.15 | 2.35E-12 |
| 10         | 69996064 | rs61854783 | G  | A  | 0.15  | 2.16E-10 |
| 10         | 69996292 | rs4746743  | G  | A  | -0.15 | 5.87E-12 |
| 10         | 69996455 | rs4745950  | A  | G  | -0.15 | 5.70E-12 |
| 10         | 69996624 | rs4745951  | A  | G  | -0.15 | 5.49E-12 |
| 10         | 69997563 | rs61854784 | C  | T  | 0.15  | 1.06E-09 |
| 10         | 69998055 | rs1900005  | A  | C  | -0.15 | 6.41E-12 |
| 10         | 69998576 | rs61854785 | T  | C  | 0.15  | 1.10E-09 |
| 10         | 70000057 | rs7914274  | T  | C  | 0.15  | 1.25E-09 |
| 10         | 70000293 | rs7897809  | A  | G  | 0.15  | 5.29E-12 |
| 10         | 70000745 | rs61854786 | T  | C  | 0.15  | 3.17E-09 |
| 10         | 70000881 | rs1900004  | C  | T  | 0.15  | 1.50E-12 |
| 10         | 70001245 | rs12573244 | G  | A  | 0.15  | 1.43E-09 |
| 10         | 70001640 | rs56238729 | T  | C  | 0.16  | 1.22E-13 |
| 10         | 70001707 | rs11814858 | A  | G  | 0.15  | 1.50E-09 |
| 10         | 70001737 | rs61854788 | T  | A  | 0.15  | 1.51E-09 |
| 10         | 70002108 | rs34888891 | A  | G  | 0.15  | 1.54E-09 |
| 10         | 70002248 | rs61854790 | T  | G  | 0.15  | 1.56E-09 |
| 10         | 70002393 | rs9783176  | A  | T  | 0.15  | 1.47E-12 |

|    |          |            |   |   |       |          |
|----|----------|------------|---|---|-------|----------|
| 10 | 70003230 | rs61854791 | G | A | 0.15  | 1.78E-09 |
| 10 | 70003659 | rs61854792 | T | C | 0.15  | 1.89E-09 |
| 10 | 70004005 | rs77760458 | G | A | 0.15  | 1.99E-09 |
| 10 | 70004551 | rs1900003  | A | C | 0.16  | 2.88E-13 |
| 10 | 70004552 | rs1900002  | G | C | 0.16  | 3.39E-13 |
| 10 | 70004654 | rs1900001  | G | A | 0.15  | 2.26E-09 |
| 10 | 70005611 | rs61854797 | T | C | 0.15  | 3.01E-09 |
| 10 | 70006659 | rs61854799 | T | C | 0.16  | 1.78E-12 |
| 10 | 70008026 | rs10823165 | G | A | -0.16 | 3.65E-12 |
| 10 | 70008028 | rs61854800 | C | T | 0.15  | 1.02E-08 |
| 10 | 70009255 | rs10762197 | A | G | -0.14 | 3.49E-09 |
| 10 | 70009388 | rs4746748  | G | A | -0.15 | 1.40E-10 |
| 10 | 70009389 | rs4746749  | C | T | -0.15 | 1.42E-10 |
| 10 | 70009572 | rs61854802 | C | T | 0.14  | 1.02E-08 |
| 10 | 70012289 | rs17231602 | G | A | 0.14  | 3.98E-08 |
| 10 | 70013264 | rs3858147  | A | G | 0.14  | 3.41E-08 |
| 10 | 70015576 | rs61854804 | C | T | 0.14  | 3.30E-08 |
| 10 | 70015583 | rs61854805 | A | G | 0.14  | 3.63E-08 |
| 10 | 70016678 | rs10998036 | G | C | 0.13  | 1.48E-08 |
| 10 | 70018306 | rs1007848  | C | A | 0.14  | 3.72E-08 |
| 10 | 70018705 | rs61854807 | T | A | 0.14  | 3.72E-08 |
| 10 | 70019371 | rs12571093 | G | A | 0.14  | 3.81E-08 |
| 10 | 70019707 | rs7476012  | A | G | 0.14  | 3.83E-08 |
| 10 | 70020222 | rs2120902  | T | C | 0.14  | 3.87E-08 |
| 10 | 70020836 | rs3740588  | A | G | 0.14  | 3.96E-08 |
| 10 | 70021255 | rs4142047  | A | C | 0.14  | 4.00E-08 |
| 10 | 70022604 | rs61854809 | G | A | 0.14  | 4.11E-08 |
| 10 | 70023896 | rs61854810 | G | A | 0.14  | 4.20E-08 |
| 10 | 70024231 | rs61854811 | T | C | 0.14  | 4.23E-08 |
| 10 | 70024402 | rs61854812 | C | T | 0.14  | 4.26E-08 |
| 10 | 70026161 | rs7079054  | G | A | 0.13  | 4.50E-08 |
| 10 | 70026321 | rs7078967  | C | A | 0.13  | 4.53E-08 |
| 10 | 70027221 | rs61854813 | G | T | 0.13  | 4.59E-08 |
| 10 | 70027396 | rs61854814 | A | G | 0.13  | 4.63E-08 |
| 10 | 70028052 | rs4403687  | A | G | 0.13  | 4.72E-08 |
| 10 | 70028249 | rs4592311  | C | T | 0.13  | 4.74E-08 |
| 10 | 70028503 | rs79081413 | A | G | 0.13  | 4.78E-08 |
| 10 | 70028717 | rs17231630 | G | A | 0.13  | 4.83E-08 |
| 10 | 70028808 | rs61854816 | C | T | 0.13  | 4.86E-08 |
| 10 | 70028863 | rs17297383 | C | T | 0.13  | 4.88E-08 |
| 10 | 70029265 | rs10998044 | T | C | 0.13  | 4.90E-08 |
| 10 | 70029383 | rs10998045 | T | C | 0.13  | 4.93E-08 |
| 10 | 70029398 | rs10998046 | A | G | 0.13  | 4.95E-08 |

|    |          |            |   |   |      |          |
|----|----------|------------|---|---|------|----------|
| 10 | 70030058 | rs17231644 | T | C | 0.13 | 4.98E-08 |
| 10 | 70030332 | rs12570614 | A | G | 0.13 | 4.88E-08 |
| 10 | 70030464 | rs10762199 | T | C | 0.13 | 1.62E-08 |
| 10 | 70030523 | rs12572954 | G | T | 0.13 | 4.77E-08 |
| 10 | 70030630 | rs12572967 | G | A | 0.13 | 4.75E-08 |
| 10 | 70030723 | rs12572960 | C | G | 0.13 | 4.69E-08 |
| 10 | 70031010 | rs2241969  | C | T | 0.13 | 4.62E-08 |
| 10 | 70031067 | rs2241970  | A | G | 0.13 | 4.59E-08 |
| 10 | 70031292 | rs61854825 | G | A | 0.13 | 4.43E-08 |
| 10 | 70031558 | rs61854826 | C | A | 0.13 | 4.37E-08 |
| 10 | 70031651 | rs17297418 | G | A | 0.13 | 4.34E-08 |
| 10 | 70031809 | rs61854827 | C | T | 0.14 | 4.23E-08 |
| 10 | 70032928 | rs36103935 | A | G | 0.14 | 3.91E-08 |
| 10 | 70032952 | rs34338524 | C | A | 0.14 | 3.89E-08 |
| 10 | 70033043 | rs61854829 | A | G | 0.14 | 3.81E-08 |
| 10 | 70041263 | rs61854836 | G | A | 0.14 | 2.65E-08 |
| 10 | 70044616 | rs61854839 | T | C | 0.14 | 2.58E-08 |
| 10 | 70045424 | rs80326649 | A | C | 0.14 | 3.66E-08 |

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Abbreviations: A1/A2, allele 1 / allele 2. Allele 1 is modeled as the effect allele.