

Table S1. Details of platelet indices SNPs (with genome-wide significant SNPs)

| Exposure | SNP | Effect allele | Other allele | P value | Beta | Standard Error | F | Median F | Mean F |
|----------------|-------------|---------------|--------------|---------|-------|----------------|----------|----------|---------|
| Platelet Count | rs10048745 | A | G | 0.022 | 0.002 | 5.60E-19 | 79.187 | 64.228 | 132.317 |
| | rs10074585 | G | T | 0.016 | 0.002 | 1.10E-11 | 46.072 | | |
| | rs10090021 | T | C | (0.021) | 0.004 | 3.30E-08 | 30.501 | | |
| | rs10116976 | C | T | 0.019 | 0.002 | 1.50E-17 | 72.766 | | |
| | rs10135413 | G | A | 0.036 | 0.003 | 1.80E-35 | 154.486 | | |
| | rs10139199 | T | G | 0.014 | 0.002 | 3.00E-08 | 30.724 | | |
| | rs10140668 | T | C | 0.022 | 0.003 | 1.80E-14 | 58.687 | | |
| | rs10174 | G | A | (0.017) | 0.002 | 1.00E-15 | 64.386 | | |
| | rs10274404 | A | G | 0.013 | 0.002 | 3.50E-08 | 30.399 | | |
| | rs10447226 | T | G | (0.016) | 0.002 | 3.50E-12 | 48.380 | | |
| | rs10457632 | G | A | (0.079) | 0.002 | 1.00E-200 | 1008.180 | | |
| | rs10458728 | C | T | (0.020) | 0.002 | 2.20E-17 | 71.954 | | |
| | rs1047891 | A | C | (0.029) | 0.002 | 1.10E-37 | 164.549 | | |
| | rs10510412 | A | G | 0.018 | 0.002 | 1.10E-13 | 55.151 | | |
| | rs1059196 | T | C | (0.031) | 0.002 | 3.40E-36 | 157.794 | | |
| | rs10758481 | C | T | (0.028) | 0.002 | 5.40E-39 | 170.634 | | |
| | rs10766373 | A | G | (0.014) | 0.002 | 1.20E-10 | 41.480 | | |
| | rs10774405 | A | G | (0.048) | 0.002 | 8.71E-114 | 513.970 | | |
| | rs10817007 | G | T | 0.023 | 0.003 | 3.20E-13 | 53.082 | | |
| | rs10820606 | C | A | 0.050 | 0.003 | 2.10E-87 | 392.727 | | |
| | rs10821128 | C | T | (0.014) | 0.002 | 1.30E-10 | 41.267 | | |
| | rs10864368 | C | T | 0.025 | 0.002 | 2.00E-33 | 145.116 | | |
| | rs10876550 | A | G | 0.053 | 0.002 | 1.70E-139 | 632.101 | | |
| | rs10876988 | A | G | (0.013) | 0.002 | 9.10E-10 | 37.510 | | |
| | rs10886430 | G | A | (0.028) | 0.003 | 8.60E-18 | 73.814 | | |
| | rs10940474 | T | C | (0.014) | 0.002 | 2.00E-10 | 40.469 | | |
| | rs10974815 | T | C | 0.107 | 0.003 | 1.00E-200 | 1505.877 | | |
| | rs10975153 | C | G | (0.015) | 0.002 | 1.90E-10 | 40.533 | | |
| | rs10995455 | A | G | 0.069 | 0.002 | 1.00E-200 | 915.292 | | |
| | rs11000980 | G | A | (0.013) | 0.002 | 1.70E-09 | 36.273 | | |
| | rs11071720 | C | T | 0.042 | 0.002 | 2.60E-72 | 323.425 | | |
| | rs11082304 | T | G | (0.051) | 0.002 | 1.80E-129 | 586.070 | | |
| | rs11088304 | A | G | 0.024 | 0.002 | 1.60E-27 | 118.147 | | |
| | rs11107060 | G | A | 0.028 | 0.003 | 5.90E-22 | 92.761 | | |
| | rs11126598 | G | A | (0.017) | 0.002 | 3.70E-13 | 52.785 | | |
| | rs11129295 | T | C | 0.017 | 0.002 | 1.70E-14 | 58.795 | | |
| | rs11134475 | G | A | (0.020) | 0.002 | 8.40E-20 | 82.948 | | |
| | rs11168249 | C | T | 0.032 | 0.002 | 7.60E-51 | 224.933 | | |
| | rs111904024 | A | G | 0.058 | 0.006 | 4.70E-24 | 102.327 | | |
| | rs11207345 | T | C | (0.015) | 0.003 | 4.90E-08 | 29.740 | | |
| | rs112096491 | T | C | 0.013 | 0.002 | 8.40E-10 | 37.662 | | |
| | rs11225024 | T | A | 0.022 | 0.004 | 5.30E-09 | 34.071 | | |
| | rs11227249 | T | C | (0.026) | 0.002 | 1.50E-32 | 141.188 | | |
| | rs11259186 | G | T | (0.016) | 0.002 | 1.70E-13 | 54.368 | | |
| | rs112770790 | A | G | (0.031) | 0.003 | 6.70E-23 | 97.064 | | |
| | rs113039006 | C | T | (0.017) | 0.003 | 3.20E-10 | 39.541 | | |
| | rs113063027 | A | C | (0.035) | 0.004 | 3.80E-20 | 84.541 | | |
| | rs113146860 | A | G | 0.020 | 0.003 | 3.40E-12 | 48.415 | | |

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|-------------|---|---|---------|-------|-----------|----------|
| rs113542380 | A | G | (0.071) | 0.004 | 1.20E-68 | 306.555 |
| rs113596940 | C | T | (0.038) | 0.006 | 3.50E-10 | 39.378 |
| rs113693454 | A | T | (0.066) | 0.006 | 2.30E-28 | 121.971 |
| rs113721422 | A | G | 0.049 | 0.004 | 1.80E-35 | 154.451 |
| rs114694170 | C | T | 0.144 | 0.005 | 1.00E-200 | 1024.736 |
| rs114700498 | T | C | (0.035) | 0.005 | 2.20E-13 | 53.860 |
| rs114968084 | A | G | (0.059) | 0.006 | 5.00E-20 | 83.960 |
| rs115243514 | C | G | 0.119 | 0.008 | 5.30E-48 | 211.893 |
| rs115294879 | A | G | 0.029 | 0.005 | 4.30E-08 | 30.015 |
| rs11553699 | G | A | (0.083) | 0.003 | 4.90E-141 | 639.224 |
| rs115566353 | A | G | (0.067) | 0.011 | 4.30E-10 | 38.963 |
| rs11601507 | A | C | (0.034) | 0.004 | 3.10E-16 | 66.717 |
| rs116052829 | T | C | 0.031 | 0.003 | 3.10E-19 | 80.373 |
| rs11611855 | T | C | (0.022) | 0.002 | 1.60E-25 | 109.078 |
| rs11627485 | C | T | 0.024 | 0.002 | 1.40E-30 | 132.118 |
| rs11676298 | G | C | 0.029 | 0.003 | 4.30E-28 | 120.779 |
| rs11679328 | T | C | 0.026 | 0.004 | 3.20E-09 | 35.089 |
| rs117078929 | T | A | 0.021 | 0.003 | 8.70E-10 | 37.592 |
| rs117119759 | A | G | (0.050) | 0.006 | 1.70E-14 | 58.881 |
| rs11712335 | C | T | 0.013 | 0.002 | 1.30E-08 | 32.303 |
| rs11734099 | A | G | 0.050 | 0.003 | 4.10E-72 | 322.509 |
| rs11764390 | A | G | 0.024 | 0.002 | 1.10E-28 | 123.422 |
| rs117684519 | T | C | 0.035 | 0.006 | 8.90E-09 | 33.071 |
| rs117857686 | T | C | 0.109 | 0.007 | 1.40E-48 | 214.479 |
| rs118083884 | A | G | (0.059) | 0.009 | 1.50E-10 | 41.081 |
| rs11818463 | C | G | (0.023) | 0.002 | 5.40E-26 | 111.193 |
| rs11841319 | T | C | (0.064) | 0.004 | 3.50E-75 | 336.623 |
| rs11891555 | T | G | 0.014 | 0.002 | 3.10E-10 | 39.593 |
| rs11950562 | C | A | (0.023) | 0.002 | 4.30E-28 | 120.784 |
| rs12000252 | G | A | (0.020) | 0.002 | 5.50E-21 | 88.344 |
| rs12041331 | A | G | 0.034 | 0.004 | 4.20E-20 | 84.330 |
| rs12052715 | G | C | (0.037) | 0.002 | 2.70E-56 | 249.954 |
| rs12118065 | A | G | (0.029) | 0.002 | 2.10E-41 | 181.699 |
| rs12125200 | G | A | 0.032 | 0.002 | 5.20E-42 | 184.443 |
| rs12126199 | T | C | 0.050 | 0.006 | 5.20E-18 | 74.799 |
| rs12139095 | C | T | (0.018) | 0.002 | 2.00E-13 | 54.018 |
| rs12149168 | T | G | 0.020 | 0.002 | 9.90E-18 | 73.525 |
| rs12155039 | A | C | (0.034) | 0.002 | 2.00E-58 | 259.666 |
| rs12184308 | A | G | 0.016 | 0.002 | 2.10E-11 | 44.864 |
| rs12239737 | A | T | 0.013 | 0.002 | 2.80E-09 | 35.297 |
| rs12266852 | T | C | 0.024 | 0.003 | 5.30E-12 | 47.567 |
| rs12336065 | A | G | (0.032) | 0.005 | 5.10E-10 | 38.644 |
| rs12376511 | C | T | (0.048) | 0.003 | 6.30E-62 | 275.758 |
| rs12386849 | T | C | (0.015) | 0.002 | 4.50E-11 | 43.375 |
| rs12439144 | A | G | 0.016 | 0.002 | 2.90E-14 | 57.814 |
| rs12451471 | T | C | (0.015) | 0.002 | 5.30E-12 | 47.564 |
| rs12491785 | T | C | (0.023) | 0.002 | 1.70E-27 | 118.086 |
| rs12492695 | G | A | 0.012 | 0.002 | 2.60E-08 | 30.982 |
| rs12533403 | T | C | 0.016 | 0.002 | 1.40E-14 | 59.259 |
| rs12564806 | T | C | (0.039) | 0.002 | 1.90E-56 | 250.662 |

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|-------------|---|---|---------|-------|----------|---------|
| rs1260326 | C | T | (0.041) | 0.002 | 2.30E-82 | 369.614 |
| rs1260405 | G | A | 0.020 | 0.002 | 3.30E-20 | 84.793 |
| rs12676105 | T | C | (0.018) | 0.002 | 4.30E-18 | 75.167 |
| rs12708514 | G | A | (0.023) | 0.003 | 1.50E-18 | 77.245 |
| rs12762934 | T | C | 0.019 | 0.002 | 3.20E-17 | 71.194 |
| rs12889267 | G | A | 0.016 | 0.003 | 8.80E-09 | 33.094 |
| rs12897841 | T | C | (0.013) | 0.002 | 9.50E-10 | 37.435 |
| rs12909131 | T | C | 0.017 | 0.002 | 1.00E-11 | 46.272 |
| rs12923319 | A | C | 0.016 | 0.002 | 9.60E-11 | 41.910 |
| rs12975577 | T | C | (0.016) | 0.002 | 9.10E-15 | 60.075 |
| rs12979891 | T | C | 0.015 | 0.002 | 3.80E-13 | 52.749 |
| rs12983010 | G | A | 0.048 | 0.004 | 1.40E-30 | 132.100 |
| rs13000644 | G | A | (0.013) | 0.002 | 1.20E-08 | 32.430 |
| rs13084317 | A | G | 0.017 | 0.002 | 2.50E-14 | 58.102 |
| rs13084357 | C | T | 0.045 | 0.004 | 1.10E-32 | 141.718 |
| rs13138724 | A | G | (0.016) | 0.002 | 7.80E-14 | 55.845 |
| rs13150834 | G | T | 0.022 | 0.002 | 1.60E-24 | 104.458 |
| rs13154903 | C | T | (0.024) | 0.003 | 6.70E-13 | 51.639 |
| rs13185488 | A | G | (0.021) | 0.003 | 2.90E-16 | 66.864 |
| rs13191948 | T | C | 0.024 | 0.002 | 6.10E-31 | 133.768 |
| rs13208045 | T | C | (0.030) | 0.003 | 1.80E-18 | 76.950 |
| rs13224082 | T | A | (0.034) | 0.002 | 1.00E-43 | 192.294 |
| rs13266443 | G | C | 0.026 | 0.003 | 3.40E-25 | 107.509 |
| rs13394819 | A | T | 0.017 | 0.002 | 6.40E-14 | 56.234 |
| rs138181113 | T | C | 0.032 | 0.005 | 7.50E-10 | 37.897 |
| rs138866 | A | G | 0.021 | 0.003 | 1.00E-15 | 64.379 |
| rs139974673 | C | T | 0.118 | 0.007 | 2.80E-69 | 309.492 |
| rs140436199 | A | G | (0.045) | 0.005 | 3.00E-23 | 98.655 |
| rs1408711 | G | C | 0.026 | 0.003 | 3.20E-23 | 98.546 |
| rs143822714 | G | A | 0.031 | 0.005 | 1.20E-08 | 32.458 |
| rs143900286 | A | T | (0.112) | 0.010 | 1.70E-30 | 131.732 |
| rs144075040 | C | G | (0.102) | 0.011 | 6.10E-22 | 92.682 |
| rs144317085 | T | A | 0.043 | 0.006 | 3.50E-13 | 52.914 |
| rs144663068 | G | A | (0.018) | 0.003 | 8.10E-09 | 33.256 |
| rs1472265 | C | T | (0.015) | 0.002 | 9.80E-12 | 46.360 |
| rs1476096 | C | A | 0.020 | 0.002 | 1.00E-19 | 82.558 |
| rs148383532 | A | G | (0.018) | 0.003 | 1.80E-09 | 36.188 |
| rs150950100 | T | C | (0.046) | 0.007 | 5.70E-10 | 38.428 |
| rs151234 | C | G | 0.066 | 0.003 | 7.60E-97 | 436.114 |
| rs1569419 | C | T | 0.023 | 0.003 | 1.20E-19 | 82.259 |
| rs160697 | G | A | 0.013 | 0.002 | 3.50E-09 | 34.858 |
| rs1641861 | A | G | 0.035 | 0.005 | 5.10E-12 | 47.634 |
| rs1642764 | T | C | (0.018) | 0.002 | 2.20E-17 | 71.914 |
| rs1645984 | C | T | (0.015) | 0.002 | 2.10E-09 | 35.923 |
| rs165177 | C | T | 0.017 | 0.002 | 3.40E-12 | 48.434 |
| rs1660155 | C | A | (0.013) | 0.002 | 6.20E-09 | 33.773 |
| rs167454 | T | C | (0.016) | 0.003 | 1.80E-10 | 40.723 |
| rs167924 | G | A | 0.021 | 0.002 | 4.70E-22 | 93.199 |
| rs16943595 | C | G | (0.021) | 0.003 | 2.30E-12 | 49.173 |
| rs17093381 | G | A | (0.016) | 0.003 | 5.10E-09 | 34.132 |

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|------------|---|---|---------|-------|-----------|---------|
| rs17138723 | G | C | (0.031) | 0.003 | 9.50E-33 | 142.040 |
| rs1716505 | G | C | 0.042 | 0.002 | 5.30E-76 | 340.364 |
| rs17175830 | A | G | 0.036 | 0.003 | 4.90E-47 | 207.461 |
| rs1719271 | G | A | 0.052 | 0.003 | 3.10E-64 | 286.324 |
| rs1727324 | T | A | 0.029 | 0.003 | 7.30E-29 | 124.293 |
| rs17302005 | G | A | 0.018 | 0.003 | 7.00E-11 | 42.515 |
| rs17572109 | A | G | 0.038 | 0.003 | 5.90E-52 | 230.032 |
| rs1768584 | G | A | 0.048 | 0.002 | 7.60E-110 | 495.850 |
| rs17707466 | G | A | (0.019) | 0.003 | 1.60E-11 | 45.390 |
| rs17720826 | A | G | 0.030 | 0.004 | 1.40E-13 | 54.650 |
| rs17758695 | T | C | (0.067) | 0.006 | 6.70E-27 | 115.332 |
| rs178010 | T | A | 0.015 | 0.002 | 4.80E-10 | 38.742 |
| rs1865761 | C | T | (0.014) | 0.002 | 6.90E-11 | 42.550 |
| rs1895490 | A | G | 0.018 | 0.002 | 2.40E-17 | 71.814 |
| rs191378 | A | G | 0.019 | 0.003 | 7.20E-14 | 56.012 |
| rs1924930 | A | T | (0.015) | 0.003 | 8.60E-09 | 33.142 |
| rs198217 | G | T | 0.011 | 0.002 | 4.80E-08 | 29.777 |
| rs1997577 | T | A | (0.018) | 0.003 | 2.00E-09 | 35.956 |
| rs1997719 | T | C | (0.021) | 0.002 | 2.40E-23 | 99.124 |
| rs2015210 | G | T | (0.026) | 0.002 | 1.60E-26 | 113.630 |
| rs2015599 | A | G | (0.045) | 0.002 | 8.99E-101 | 454.150 |
| rs2017372 | T | C | 0.020 | 0.003 | 4.50E-10 | 38.872 |
| rs2038479 | A | C | (0.064) | 0.003 | 4.60E-130 | 588.775 |
| rs2038700 | C | T | 0.016 | 0.002 | 1.30E-13 | 54.910 |
| rs2040395 | C | T | 0.013 | 0.002 | 1.40E-09 | 36.689 |
| rs2068888 | A | G | (0.022) | 0.002 | 4.70E-26 | 111.453 |
| rs2070738 | C | T | (0.014) | 0.002 | 3.00E-10 | 39.658 |
| rs211510 | G | A | (0.014) | 0.002 | 5.30E-11 | 43.059 |
| rs2122403 | A | G | (0.023) | 0.004 | 3.30E-09 | 34.983 |
| rs2133886 | G | T | 0.067 | 0.002 | 1.00E-200 | 956.423 |
| rs218265 | C | T | 0.020 | 0.003 | 1.50E-11 | 45.537 |
| rs2243103 | G | C | 0.074 | 0.004 | 9.60E-75 | 334.590 |
| rs2255531 | A | G | (0.024) | 0.002 | 3.00E-28 | 121.478 |
| rs2274319 | C | T | (0.027) | 0.002 | 3.80E-35 | 153.042 |
| rs2281232 | A | C | (0.024) | 0.004 | 2.10E-08 | 31.443 |
| rs2294921 | T | C | (0.028) | 0.003 | 3.00E-22 | 94.091 |
| rs2295205 | G | C | 0.015 | 0.002 | 9.00E-10 | 37.541 |
| rs2297066 | G | C | 0.052 | 0.002 | 7.20E-98 | 440.817 |
| rs2305769 | C | G | 0.015 | 0.003 | 1.30E-09 | 36.769 |
| rs2321536 | T | C | 0.019 | 0.002 | 4.20E-18 | 75.210 |
| rs2351772 | T | C | 0.016 | 0.002 | 7.90E-14 | 55.833 |
| rs2353701 | C | T | 0.012 | 0.002 | 2.40E-08 | 31.116 |
| rs238911 | A | G | (0.017) | 0.002 | 1.80E-15 | 63.236 |
| rs2389874 | G | A | 0.020 | 0.002 | 9.10E-20 | 82.792 |
| rs2417966 | G | C | 0.017 | 0.002 | 1.50E-12 | 50.088 |
| rs2455425 | C | T | (0.021) | 0.004 | 2.30E-08 | 31.224 |
| rs2475218 | T | C | (0.026) | 0.004 | 9.40E-13 | 50.969 |
| rs2494663 | A | C | (0.021) | 0.002 | 5.90E-24 | 101.865 |
| rs2498244 | C | A | 0.013 | 0.002 | 1.30E-08 | 32.364 |
| rs2520096 | G | A | 0.034 | 0.002 | 1.10E-45 | 201.205 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs2613522 | G | A | (0.015) | 0.002 | 1.30E-10 | 41.243 |
| rs2641443 | A | G | (0.030) | 0.002 | 1.10E-36 | 160.090 |
| rs2689216 | A | G | 0.019 | 0.002 | 7.30E-17 | 69.596 |
| rs2700936 | G | T | 0.017 | 0.002 | 1.50E-15 | 63.677 |
| rs2708421 | T | C | (0.013) | 0.002 | 6.10E-10 | 38.287 |
| rs2724564 | T | G | 0.025 | 0.002 | 2.30E-32 | 140.278 |
| rs2744963 | A | G | (0.028) | 0.003 | 4.30E-27 | 116.202 |
| rs2755214 | G | T | 0.024 | 0.002 | 5.60E-25 | 106.540 |
| rs2758994 | T | C | (0.019) | 0.002 | 2.10E-15 | 62.941 |
| rs2786802 | T | G | (0.018) | 0.003 | 4.90E-11 | 43.221 |
| rs2788500 | G | A | (0.042) | 0.004 | 2.00E-20 | 85.775 |
| rs2797688 | C | T | 0.020 | 0.002 | 9.40E-22 | 91.842 |
| rs2836425 | T | C | 0.038 | 0.003 | 6.90E-34 | 147.257 |
| rs28456 | G | A | 0.040 | 0.002 | 4.20E-68 | 304.100 |
| rs28505677 | G | C | (0.035) | 0.003 | 1.00E-44 | 196.887 |
| rs2900177 | T | C | 0.017 | 0.002 | 3.30E-14 | 57.547 |
| rs2925033 | T | C | (0.015) | 0.002 | 1.70E-12 | 49.838 |
| rs296887 | T | C | 0.015 | 0.002 | 8.60E-10 | 37.616 |
| rs2999157 | A | G | (0.030) | 0.002 | 6.40E-47 | 206.948 |
| rs303968 | C | T | (0.019) | 0.002 | 1.10E-18 | 77.887 |
| rs3122414 | A | G | (0.016) | 0.002 | 9.70E-13 | 50.897 |
| rs34143604 | A | C | 0.016 | 0.002 | 1.50E-13 | 54.582 |
| rs34152163 | C | G | (0.014) | 0.002 | 1.40E-10 | 41.144 |
| rs342299 | T | C | (0.071) | 0.002 | 1.00E-200 | 1104.568 |
| rs34329 | C | G | 0.017 | 0.002 | 1.80E-13 | 54.231 |
| rs34341922 | A | G | 0.023 | 0.002 | 3.80E-27 | 116.451 |
| rs34346558 | C | A | 0.020 | 0.003 | 5.40E-14 | 56.563 |
| rs34524896 | T | C | (0.090) | 0.005 | 1.90E-74 | 333.184 |
| rs34587839 | A | G | 0.017 | 0.003 | 3.70E-09 | 34.755 |
| rs34592828 | A | G | (0.139) | 0.005 | 5.00E-161 | 731.164 |
| rs34651 | T | C | 0.044 | 0.004 | 1.60E-29 | 127.247 |
| rs34750619 | A | G | 0.037 | 0.004 | 3.40E-19 | 80.166 |
| rs34968913 | A | G | (0.019) | 0.003 | 1.60E-14 | 59.033 |
| rs35027951 | G | A | (0.014) | 0.003 | 4.00E-08 | 30.166 |
| rs35069969 | C | G | 0.016 | 0.002 | 2.00E-13 | 54.020 |
| rs35144104 | T | C | 0.076 | 0.002 | 1.00E-200 | 1059.937 |
| rs35258120 | A | G | 0.051 | 0.003 | 1.60E-78 | 351.914 |
| rs35267052 | G | T | 0.026 | 0.003 | 1.40E-13 | 54.681 |
| rs35330522 | A | G | 0.019 | 0.002 | 4.00E-20 | 84.400 |
| rs35355140 | A | C | (0.027) | 0.004 | 1.70E-10 | 40.804 |
| rs35732917 | C | T | (0.016) | 0.002 | 2.80E-12 | 48.842 |
| rs35989952 | C | T | 0.036 | 0.004 | 3.10E-22 | 94.024 |
| rs36034566 | C | A | 0.016 | 0.002 | 6.80E-14 | 56.131 |
| rs36109901 | C | A | 0.063 | 0.002 | 5.11E-155 | 703.543 |
| rs371270656 | A | T | 0.076 | 0.010 | 3.00E-13 | 53.206 |
| rs3731211 | A | T | 0.044 | 0.002 | 1.30E-77 | 347.781 |
| rs3736313 | G | A | (0.015) | 0.002 | 1.60E-10 | 40.904 |
| rs374039502 | A | T | (0.050) | 0.008 | 1.10E-10 | 41.626 |
| rs3742028 | A | G | (0.045) | 0.002 | 1.00E-97 | 440.154 |
| rs3742271 | C | G | 0.017 | 0.002 | 8.60E-15 | 60.200 |

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|------------|---|---|---------|-------|----------|---------|
| rs3742321 | C | T | (0.016) | 0.003 | 5.80E-10 | 38.393 |
| rs3760868 | G | T | (0.023) | 0.003 | 1.10E-13 | 55.204 |
| rs3764535 | A | G | 0.020 | 0.002 | 2.80E-21 | 89.678 |
| rs3767812 | A | G | 0.037 | 0.003 | 1.80E-48 | 214.050 |
| rs3771529 | A | G | (0.032) | 0.003 | 5.80E-33 | 143.042 |
| rs3804749 | T | C | (0.037) | 0.002 | 2.70E-68 | 304.983 |
| rs3806233 | A | G | 0.014 | 0.002 | 1.50E-10 | 40.980 |
| rs381500 | A | C | 0.031 | 0.002 | 2.50E-48 | 213.371 |
| rs3865444 | A | C | (0.024) | 0.002 | 1.50E-26 | 113.745 |
| rs3943516 | G | A | 0.015 | 0.002 | 9.50E-12 | 46.436 |
| rs3956381 | A | C | 0.016 | 0.002 | 6.80E-13 | 51.597 |
| rs41266821 | G | A | (0.031) | 0.003 | 1.30E-21 | 91.129 |
| rs41375145 | G | A | (0.027) | 0.004 | 4.80E-14 | 56.829 |
| rs4148445 | T | C | 0.074 | 0.004 | 6.80E-84 | 376.626 |
| rs4286082 | T | C | (0.016) | 0.002 | 3.00E-12 | 48.691 |
| rs4357501 | T | C | (0.012) | 0.002 | 1.00E-08 | 32.761 |
| rs4377525 | C | A | (0.028) | 0.002 | 5.80E-31 | 133.865 |
| rs4442541 | G | A | 0.022 | 0.002 | 2.20E-21 | 90.158 |
| rs4449748 | G | A | 0.022 | 0.002 | 1.90E-19 | 81.325 |
| rs4477285 | A | G | 0.018 | 0.002 | 5.30E-17 | 70.226 |
| rs4538653 | C | G | (0.044) | 0.002 | 5.20E-81 | 363.356 |
| rs4588 | T | G | (0.014) | 0.002 | 3.40E-09 | 34.922 |
| rs458857 | A | C | 0.015 | 0.002 | 1.60E-12 | 49.902 |
| rs4670779 | T | C | (0.019) | 0.002 | 1.10E-16 | 68.799 |
| rs4711890 | G | C | 0.029 | 0.002 | 1.60E-34 | 150.179 |
| rs4720246 | G | A | (0.018) | 0.003 | 9.90E-11 | 41.844 |
| rs4754299 | T | C | 0.021 | 0.002 | 6.20E-23 | 97.236 |
| rs4771666 | T | C | 0.015 | 0.003 | 6.20E-09 | 33.785 |
| rs4780355 | C | T | 0.021 | 0.002 | 1.20E-19 | 82.192 |
| rs4783189 | G | A | (0.043) | 0.003 | 1.00E-42 | 187.635 |
| rs4793987 | C | T | (0.013) | 0.002 | 2.20E-09 | 35.807 |
| rs4812449 | G | C | 0.014 | 0.002 | 5.60E-11 | 42.963 |
| rs4815915 | A | G | (0.018) | 0.002 | 1.30E-15 | 63.978 |
| rs4818033 | C | T | (0.020) | 0.002 | 8.40E-18 | 73.847 |
| rs4820013 | C | T | 0.016 | 0.002 | 6.50E-12 | 47.188 |
| rs482246 | G | A | 0.015 | 0.002 | 6.50E-12 | 47.171 |
| rs4846082 | T | C | (0.039) | 0.002 | 4.40E-77 | 345.343 |
| rs4846914 | A | G | 0.028 | 0.002 | 1.20E-37 | 164.474 |
| rs4849845 | A | G | (0.035) | 0.002 | 2.80E-53 | 236.099 |
| rs4858819 | T | C | (0.016) | 0.002 | 7.70E-11 | 42.326 |
| rs4883519 | C | T | 0.012 | 0.002 | 4.90E-09 | 34.221 |
| rs4896117 | C | T | (0.032) | 0.002 | 2.00E-50 | 222.991 |
| rs4902244 | G | A | 0.017 | 0.003 | 6.50E-09 | 33.668 |
| rs4913405 | A | G | 0.018 | 0.002 | 2.00E-13 | 53.989 |
| rs4924839 | G | A | 0.013 | 0.002 | 2.40E-09 | 35.616 |
| rs4937127 | G | A | (0.027) | 0.002 | 5.90E-38 | 165.875 |
| rs4946366 | T | C | (0.017) | 0.003 | 5.00E-09 | 34.186 |
| rs4947490 | G | A | 0.017 | 0.002 | 1.50E-13 | 54.607 |
| rs4965426 | A | G | (0.041) | 0.003 | 3.50E-42 | 185.235 |
| rs4972760 | G | A | 0.020 | 0.003 | 4.00E-10 | 39.132 |

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|------------|---|---|---------|-------|-----------|---------|
| rs4979859 | T | G | 0.019 | 0.002 | 1.90E-15 | 63.191 |
| rs55664157 | A | T | (0.031) | 0.003 | 6.70E-22 | 92.505 |
| rs55708816 | A | G | 0.032 | 0.003 | 9.70E-21 | 87.228 |
| rs55773542 | T | C | (0.027) | 0.003 | 6.50E-15 | 60.730 |
| rs55794721 | A | G | (0.036) | 0.002 | 2.10E-64 | 287.170 |
| rs55879786 | A | G | (0.028) | 0.003 | 4.60E-25 | 106.926 |
| rs56088754 | G | A | 0.017 | 0.002 | 5.50E-14 | 56.543 |
| rs57273488 | A | G | 0.041 | 0.006 | 1.40E-10 | 41.207 |
| rs57486725 | G | T | (0.050) | 0.004 | 9.60E-37 | 160.327 |
| rs57843631 | T | C | (0.235) | 0.008 | 3.30E-189 | 860.800 |
| rs58241613 | A | T | 0.051 | 0.007 | 1.60E-13 | 54.394 |
| rs583306 | T | C | 0.022 | 0.002 | 1.00E-19 | 82.564 |
| rs58722186 | T | C | 0.023 | 0.002 | 8.10E-24 | 101.248 |
| rs58954593 | T | C | (0.021) | 0.003 | 1.90E-14 | 58.634 |
| rs594942 | C | T | 0.018 | 0.002 | 1.50E-16 | 68.136 |
| rs60188612 | A | G | 0.015 | 0.003 | 1.70E-08 | 31.754 |
| rs60232238 | C | G | (0.017) | 0.002 | 5.20E-12 | 47.593 |
| rs6031907 | A | G | (0.013) | 0.002 | 5.90E-10 | 38.357 |
| rs6035274 | C | T | (0.014) | 0.002 | 2.30E-11 | 44.729 |
| rs60384564 | C | A | (0.054) | 0.005 | 8.30E-23 | 96.633 |
| rs6044953 | A | G | (0.013) | 0.002 | 3.20E-09 | 35.077 |
| rs6045612 | T | C | (0.043) | 0.002 | 7.60E-71 | 316.694 |
| rs6060976 | A | G | (0.034) | 0.002 | 2.00E-47 | 209.248 |
| rs6066390 | T | C | 0.016 | 0.003 | 3.10E-10 | 39.589 |
| rs60757417 | G | C | (0.080) | 0.004 | 1.70E-70 | 315.143 |
| rs61025394 | A | G | (0.017) | 0.003 | 3.90E-11 | 43.666 |
| rs6103669 | A | G | (0.018) | 0.002 | 5.30E-14 | 56.598 |
| rs6140670 | A | G | (0.016) | 0.002 | 8.00E-12 | 46.777 |
| rs6141 | T | C | 0.060 | 0.002 | 1.30E-181 | 825.916 |
| rs61608280 | G | A | 0.014 | 0.002 | 6.90E-11 | 42.555 |
| rs61781290 | G | A | 0.027 | 0.002 | 5.80E-30 | 129.307 |
| rs619011 | G | A | 0.015 | 0.002 | 9.60E-11 | 41.903 |
| rs61966631 | C | T | 0.027 | 0.002 | 1.30E-35 | 155.184 |
| rs61986599 | A | G | (0.020) | 0.002 | 1.50E-18 | 77.198 |
| rs62002318 | G | A | 0.014 | 0.002 | 2.10E-11 | 44.848 |
| rs62022865 | C | A | (0.021) | 0.003 | 6.20E-12 | 47.259 |
| rs62113963 | T | C | (0.015) | 0.002 | 1.90E-09 | 36.043 |
| rs62217799 | T | G | 0.018 | 0.002 | 5.60E-16 | 65.577 |
| rs62241230 | T | C | (0.017) | 0.002 | 3.40E-14 | 57.477 |
| rs62397627 | G | A | 0.030 | 0.003 | 4.40E-32 | 138.991 |
| rs62491380 | G | A | (0.028) | 0.004 | 4.60E-15 | 61.410 |
| rs62523770 | T | G | 0.025 | 0.003 | 8.90E-21 | 87.397 |
| rs635887 | G | T | (0.017) | 0.002 | 4.40E-14 | 56.962 |
| rs6420998 | A | G | 0.038 | 0.004 | 1.00E-25 | 109.900 |
| rs6439675 | A | G | 0.018 | 0.002 | 5.00E-17 | 70.346 |
| rs6444571 | C | T | 0.022 | 0.002 | 8.20E-20 | 83.012 |
| rs645901 | C | T | 0.037 | 0.003 | 1.70E-32 | 140.850 |
| rs646809 | T | C | 0.018 | 0.003 | 2.20E-12 | 49.298 |
| rs648103 | C | T | 0.017 | 0.002 | 2.50E-14 | 58.097 |
| rs6533483 | A | G | (0.026) | 0.002 | 2.10E-33 | 145.027 |

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|------------|---|---|---------|-------|-----------|---------|
| rs6537255 | C | T | 0.018 | 0.002 | 4.10E-17 | 70.748 |
| rs6546909 | T | A | 0.024 | 0.003 | 2.20E-16 | 67.426 |
| rs655029 | A | G | 0.069 | 0.002 | 8.49E-192 | 872.701 |
| rs6554595 | T | C | 0.014 | 0.002 | 1.80E-11 | 45.192 |
| rs6556405 | C | T | (0.027) | 0.002 | 5.40E-29 | 124.866 |
| rs656163 | G | A | (0.012) | 0.002 | 4.90E-08 | 29.737 |
| rs6572992 | G | C | 0.014 | 0.002 | 1.70E-10 | 40.821 |
| rs6588634 | T | C | 0.023 | 0.003 | 2.60E-11 | 44.429 |
| rs658974 | T | C | (0.032) | 0.004 | 5.30E-14 | 56.623 |
| rs6592965 | A | G | 0.016 | 0.002 | 1.70E-14 | 58.844 |
| rs6593513 | C | T | (0.013) | 0.002 | 5.70E-09 | 33.944 |
| rs6664992 | G | A | 0.012 | 0.002 | 3.50E-08 | 30.417 |
| rs669556 | T | C | 0.021 | 0.003 | 8.00E-16 | 64.877 |
| rs6696074 | T | C | 0.015 | 0.002 | 8.40E-12 | 46.662 |
| rs6706095 | G | T | 0.023 | 0.002 | 1.10E-20 | 87.006 |
| rs67149561 | C | G | 0.025 | 0.003 | 3.90E-18 | 75.362 |
| rs6786088 | C | T | (0.032) | 0.002 | 1.00E-46 | 205.977 |
| rs6793096 | G | A | (0.017) | 0.003 | 1.00E-10 | 41.806 |
| rs6815294 | A | G | 0.022 | 0.002 | 6.70E-24 | 101.631 |
| rs6863275 | C | A | (0.024) | 0.004 | 2.10E-10 | 40.367 |
| rs6880286 | T | C | 0.019 | 0.002 | 3.50E-19 | 80.131 |
| rs6883116 | C | T | (0.012) | 0.002 | 8.80E-09 | 33.090 |
| rs6883827 | G | A | 0.028 | 0.002 | 3.00E-39 | 171.804 |
| rs6916257 | A | C | (0.031) | 0.005 | 8.40E-10 | 37.665 |
| rs6985149 | G | A | (0.019) | 0.002 | 1.00E-16 | 68.909 |
| rs6993770 | T | A | (0.070) | 0.002 | 1.60E-196 | 894.394 |
| rs7000170 | A | G | (0.021) | 0.002 | 4.30E-19 | 79.727 |
| rs7010394 | C | T | 0.018 | 0.002 | 2.10E-17 | 72.026 |
| rs706025 | A | C | 0.012 | 0.002 | 6.00E-09 | 33.846 |
| rs7096937 | C | T | (0.013) | 0.002 | 1.70E-08 | 31.759 |
| rs7111926 | A | C | (0.027) | 0.002 | 8.60E-33 | 142.244 |
| rs7113149 | T | C | (0.021) | 0.004 | 3.20E-09 | 35.076 |
| rs7115672 | C | T | 0.023 | 0.004 | 2.20E-10 | 40.238 |
| rs7117878 | A | C | 0.016 | 0.002 | 8.10E-13 | 51.266 |
| rs7124681 | A | C | (0.025) | 0.002 | 3.10E-31 | 135.135 |
| rs71265190 | A | G | (0.016) | 0.003 | 6.90E-11 | 42.556 |
| rs7213617 | G | A | (0.020) | 0.002 | 7.40E-20 | 83.204 |
| rs7223589 | C | T | 0.017 | 0.002 | 6.50E-15 | 60.747 |
| rs7233932 | G | C | 0.015 | 0.002 | 1.20E-10 | 41.390 |
| rs7249692 | C | T | (0.029) | 0.002 | 2.20E-39 | 172.445 |
| rs7252328 | G | A | 0.025 | 0.003 | 2.90E-17 | 71.434 |
| rs7253820 | G | A | 0.022 | 0.002 | 3.90E-25 | 107.240 |
| rs7254827 | T | A | (0.027) | 0.003 | 6.50E-27 | 115.390 |
| rs72627500 | G | A | (0.020) | 0.003 | 1.00E-10 | 41.757 |
| rs72687006 | C | T | 0.062 | 0.008 | 2.60E-13 | 53.527 |
| rs72725158 | C | T | (0.048) | 0.003 | 3.30E-62 | 277.025 |
| rs72760940 | T | C | (0.027) | 0.004 | 4.50E-11 | 43.393 |
| rs72917118 | T | C | (0.018) | 0.003 | 7.00E-10 | 38.011 |
| rs7294800 | A | C | 0.019 | 0.003 | 8.70E-09 | 33.107 |
| rs72969820 | T | C | (0.030) | 0.003 | 5.70E-19 | 79.167 |

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| rs72996108 | A | C | (0.026) | 0.004 | 1.10E-13 | 55.098 |
| rs73036520 | C | G | (0.049) | 0.002 | 2.30E-88 | 397.148 |
| rs73037185 | T | C | 0.024 | 0.004 | 3.50E-09 | 34.870 |
| rs7309426 | A | G | 0.018 | 0.003 | 7.40E-11 | 42.412 |
| rs73140125 | G | A | 0.017 | 0.003 | 4.30E-08 | 29.996 |
| rs73226473 | C | T | 0.018 | 0.003 | 3.20E-10 | 39.571 |
| rs7332115 | G | T | 0.026 | 0.002 | 8.50E-32 | 137.700 |
| rs73617438 | A | G | (0.017) | 0.003 | 4.90E-08 | 29.742 |
| rs7385804 | A | C | 0.027 | 0.002 | 2.80E-34 | 149.065 |
| rs74227709 | A | G | (0.136) | 0.004 | 1.00E-200 | 1111.476 |
| rs74403919 | A | T | 0.016 | 0.003 | 8.50E-09 | 33.162 |
| rs74519049 | T | C | 0.032 | 0.004 | 3.50E-14 | 57.417 |
| rs74528993 | A | G | 0.025 | 0.004 | 1.10E-08 | 32.635 |
| rs75065607 | C | T | (0.043) | 0.008 | 3.00E-08 | 30.727 |
| rs75107793 | A | G | 0.114 | 0.004 | 6.61E-169 | 767.392 |
| rs7516301 | C | T | 0.017 | 0.002 | 1.20E-15 | 64.077 |
| rs7532552 | G | A | (0.013) | 0.002 | 1.30E-08 | 32.284 |
| rs75511465 | A | G | (0.067) | 0.008 | 1.60E-15 | 63.487 |
| rs75659987 | A | T | 0.038 | 0.006 | 1.40E-10 | 41.224 |
| rs7571154 | T | C | 0.015 | 0.002 | 2.70E-10 | 39.896 |
| rs7577057 | C | T | 0.019 | 0.002 | 2.20E-19 | 81.064 |
| rs7585866 | G | A | 0.018 | 0.002 | 4.00E-17 | 70.762 |
| rs7630419 | A | G | (0.015) | 0.002 | 5.80E-13 | 51.909 |
| rs7641325 | A | G | (0.036) | 0.002 | 3.40E-65 | 290.754 |
| rs76445378 | T | C | 0.100 | 0.008 | 9.80E-33 | 141.991 |
| rs76452111 | T | A | (0.057) | 0.005 | 5.30E-27 | 115.766 |
| rs76496105 | G | C | (0.028) | 0.004 | 1.30E-14 | 59.320 |
| rs7652441 | G | A | 0.016 | 0.003 | 8.10E-10 | 37.732 |
| rs7655560 | A | G | (0.030) | 0.005 | 2.80E-10 | 39.829 |
| rs7658679 | T | C | (0.015) | 0.002 | 1.90E-12 | 49.575 |
| rs7660913 | C | G | 0.028 | 0.004 | 2.80E-10 | 39.816 |
| rs7671752 | T | C | (0.015) | 0.002 | 1.20E-12 | 50.425 |
| rs76840964 | G | A | (0.024) | 0.003 | 8.30E-14 | 55.726 |
| rs76859665 | T | G | (0.034) | 0.005 | 9.80E-10 | 37.368 |
| rs7705526 | A | C | 0.044 | 0.002 | 3.40E-82 | 368.812 |
| rs7706078 | T | C | (0.014) | 0.002 | 1.80E-10 | 40.674 |
| rs7760090 | G | A | (0.023) | 0.003 | 1.20E-17 | 73.133 |
| rs777490 | T | C | (0.015) | 0.002 | 3.10E-10 | 39.633 |
| rs77808283 | A | G | 0.048 | 0.006 | 3.30E-18 | 75.705 |
| rs77844289 | C | T | 0.076 | 0.004 | 2.50E-84 | 378.634 |
| rs7789916 | A | G | (0.021) | 0.002 | 5.60E-19 | 79.208 |
| rs78157248 | C | T | 0.028 | 0.004 | 2.20E-11 | 44.758 |
| rs78261031 | A | G | (0.030) | 0.004 | 2.20E-11 | 44.828 |
| rs7830416 | A | T | 0.020 | 0.003 | 2.10E-10 | 40.413 |
| rs7833924 | G | A | 0.042 | 0.002 | 2.10E-85 | 383.587 |
| rs78376243 | T | C | 0.020 | 0.003 | 1.70E-11 | 45.296 |
| rs7843024 | A | G | 0.016 | 0.002 | 1.30E-13 | 54.862 |
| rs7851531 | G | A | (0.012) | 0.002 | 4.80E-08 | 29.797 |
| rs7865719 | G | A | (0.041) | 0.002 | 4.70E-85 | 381.935 |
| rs7870898 | T | C | 0.028 | 0.002 | 1.20E-35 | 155.355 |

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| rs78909033 | A | G | 0.062 | 0.003 | 1.70E-91 | 411.494 |
| rs78973710 | G | A | 0.021 | 0.003 | 7.90E-10 | 37.787 |
| rs79007502 | C | T | 0.091 | 0.005 | 2.70E-62 | 277.459 |
| rs7912685 | C | T | 0.021 | 0.003 | 3.00E-12 | 48.666 |
| rs79541578 | A | G | (0.020) | 0.003 | 3.70E-15 | 61.837 |
| rs79716587 | A | G | (0.022) | 0.003 | 4.50E-12 | 47.877 |
| rs80012730 | C | A | (0.042) | 0.004 | 4.70E-25 | 106.903 |
| rs80054178 | C | T | 0.129 | 0.007 | 4.20E-73 | 327.057 |
| rs8049394 | A | G | (0.022) | 0.002 | 5.00E-20 | 83.985 |
| rs8050500 | C | T | 0.018 | 0.002 | 1.10E-16 | 68.776 |
| rs8072157 | A | T | (0.020) | 0.003 | 1.40E-14 | 59.260 |
| rs8081858 | T | C | (0.062) | 0.002 | 5.79E-192 | 873.450 |
| rs8098454 | T | C | 0.025 | 0.004 | 1.30E-11 | 45.824 |
| rs8106212 | T | C | (0.091) | 0.010 | 4.10E-20 | 84.380 |
| rs8128904 | T | C | (0.017) | 0.003 | 6.70E-09 | 33.613 |
| rs8129054 | G | A | 0.020 | 0.002 | 3.40E-16 | 66.581 |
| rs8178824 | T | C | 0.100 | 0.006 | 3.20E-59 | 263.358 |
| rs855791 | G | A | (0.028) | 0.002 | 7.00E-38 | 165.525 |
| rs896156 | C | T | (0.035) | 0.004 | 5.20E-21 | 88.450 |
| rs9266658 | A | G | 0.059 | 0.003 | 4.40E-96 | 432.586 |
| rs9294458 | A | G | (0.012) | 0.002 | 2.40E-08 | 31.165 |
| rs9371672 | G | C | (0.013) | 0.002 | 5.90E-09 | 33.855 |
| rs9382146 | A | G | (0.025) | 0.002 | 3.30E-32 | 139.592 |
| rs9400379 | G | A | 0.019 | 0.002 | 5.50E-19 | 79.258 |
| rs9410195 | T | C | (0.066) | 0.004 | 1.90E-50 | 223.155 |
| rs947001 | G | A | (0.017) | 0.002 | 3.10E-14 | 57.652 |
| rs950965 | G | A | 0.023 | 0.002 | 1.30E-25 | 109.382 |
| rs9535495 | T | C | (0.014) | 0.002 | 1.70E-10 | 40.733 |
| rs9704476 | C | T | (0.015) | 0.002 | 2.20E-12 | 49.316 |
| rs9809116 | G | A | 0.020 | 0.002 | 1.70E-20 | 86.136 |
| rs9828304 | A | G | 0.012 | 0.002 | 6.30E-09 | 33.733 |
| rs9829114 | A | G | (0.023) | 0.002 | 5.90E-26 | 111.022 |
| rs984796 | G | T | (0.037) | 0.002 | 7.60E-69 | 307.518 |
| rs9879207 | C | T | 0.017 | 0.003 | 7.80E-10 | 37.822 |
| rs9912392 | C | G | (0.032) | 0.002 | 3.30E-50 | 222.030 |
| rs9916458 | A | G | 0.024 | 0.003 | 5.40E-20 | 83.838 |
| rs9919955 | C | G | (0.029) | 0.003 | 8.90E-25 | 105.623 |
| rs9947269 | C | T | 0.031 | 0.003 | 3.00E-23 | 98.636 |
| rs9950562 | T | C | (0.015) | 0.002 | 4.60E-12 | 47.862 |
| rs9967130 | G | A | 0.014 | 0.002 | 1.20E-09 | 36.912 |
| rs10048745 | A | G | 0.022 | 0.002 | 5.60E-19 | 79.187 |
| rs10074585 | G | T | 0.016 | 0.002 | 1.10E-11 | 46.072 |
| rs10090021 | T | C | (0.021) | 0.004 | 3.30E-08 | 30.501 |
| rs10116976 | C | T | 0.019 | 0.002 | 1.50E-17 | 72.766 |
| rs10135413 | G | A | 0.036 | 0.003 | 1.80E-35 | 154.486 |
| rs10139199 | T | G | 0.014 | 0.002 | 3.00E-08 | 30.724 |
| rs10140668 | T | C | 0.022 | 0.003 | 1.80E-14 | 58.687 |
| rs10174 | G | A | (0.017) | 0.002 | 1.00E-15 | 64.386 |
| rs10274404 | A | G | 0.013 | 0.002 | 3.50E-08 | 30.399 |
| rs10447226 | T | G | (0.016) | 0.002 | 3.50E-12 | 48.380 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs10457632 | G | A | (0.079) | 0.002 | 1.00E-200 | 1008.180 |
| rs10458728 | C | T | (0.020) | 0.002 | 2.20E-17 | 71.954 |
| rs1047891 | A | C | (0.029) | 0.002 | 1.10E-37 | 164.549 |
| rs10510412 | A | G | 0.018 | 0.002 | 1.10E-13 | 55.151 |
| rs1059196 | T | C | (0.031) | 0.002 | 3.40E-36 | 157.794 |
| rs10758481 | C | T | (0.028) | 0.002 | 5.40E-39 | 170.634 |
| rs10766373 | A | G | (0.014) | 0.002 | 1.20E-10 | 41.480 |
| rs10774405 | A | G | (0.048) | 0.002 | 8.71E-114 | 513.970 |
| rs10817007 | G | T | 0.023 | 0.003 | 3.20E-13 | 53.082 |
| rs10820606 | C | A | 0.050 | 0.003 | 2.10E-87 | 392.727 |
| rs10821128 | C | T | (0.014) | 0.002 | 1.30E-10 | 41.267 |
| rs10864368 | C | T | 0.025 | 0.002 | 2.00E-33 | 145.116 |
| rs10876550 | A | G | 0.053 | 0.002 | 1.70E-139 | 632.101 |
| rs10876988 | A | G | (0.013) | 0.002 | 9.10E-10 | 37.510 |
| rs10886430 | G | A | (0.028) | 0.003 | 8.60E-18 | 73.814 |
| rs10940474 | T | C | (0.014) | 0.002 | 2.00E-10 | 40.469 |
| rs10974815 | T | C | 0.107 | 0.003 | 1.00E-200 | 1505.877 |
| rs10975153 | C | G | (0.015) | 0.002 | 1.90E-10 | 40.533 |
| rs10995455 | A | G | 0.069 | 0.002 | 1.00E-200 | 915.292 |
| rs11000980 | G | A | (0.013) | 0.002 | 1.70E-09 | 36.273 |
| rs11071720 | C | T | 0.042 | 0.002 | 2.60E-72 | 323.425 |
| rs11082304 | T | G | (0.051) | 0.002 | 1.80E-129 | 586.070 |
| rs11088304 | A | G | 0.024 | 0.002 | 1.60E-27 | 118.147 |
| rs11107060 | G | A | 0.028 | 0.003 | 5.90E-22 | 92.761 |
| rs11126598 | G | A | (0.017) | 0.002 | 3.70E-13 | 52.785 |
| rs11129295 | T | C | 0.017 | 0.002 | 1.70E-14 | 58.795 |
| rs11134475 | G | A | (0.020) | 0.002 | 8.40E-20 | 82.948 |
| rs11168249 | C | T | 0.032 | 0.002 | 7.60E-51 | 224.933 |
| rs111904024 | A | G | 0.058 | 0.006 | 4.70E-24 | 102.327 |
| rs11207345 | T | C | (0.015) | 0.003 | 4.90E-08 | 29.740 |
| rs112096491 | T | C | 0.013 | 0.002 | 8.40E-10 | 37.662 |
| rs11225024 | T | A | 0.022 | 0.004 | 5.30E-09 | 34.071 |
| rs11227249 | T | C | (0.026) | 0.002 | 1.50E-32 | 141.188 |
| rs11259186 | G | T | (0.016) | 0.002 | 1.70E-13 | 54.368 |
| rs112770790 | A | G | (0.031) | 0.003 | 6.70E-23 | 97.064 |
| rs113039006 | C | T | (0.017) | 0.003 | 3.20E-10 | 39.541 |
| rs113063027 | A | C | (0.035) | 0.004 | 3.80E-20 | 84.541 |
| rs113146860 | A | G | 0.020 | 0.003 | 3.40E-12 | 48.415 |
| rs113542380 | A | G | (0.071) | 0.004 | 1.20E-68 | 306.555 |
| rs113596940 | C | T | (0.038) | 0.006 | 3.50E-10 | 39.378 |
| rs113693454 | A | T | (0.066) | 0.006 | 2.30E-28 | 121.971 |
| rs113721422 | A | G | 0.049 | 0.004 | 1.80E-35 | 154.451 |
| rs114694170 | C | T | 0.144 | 0.005 | 1.00E-200 | 1024.736 |
| rs114700498 | T | C | (0.035) | 0.005 | 2.20E-13 | 53.860 |
| rs114968084 | A | G | (0.059) | 0.006 | 5.00E-20 | 83.960 |
| rs115243514 | C | G | 0.119 | 0.008 | 5.30E-48 | 211.893 |
| rs115294879 | A | G | 0.029 | 0.005 | 4.30E-08 | 30.015 |
| rs11553699 | G | A | (0.083) | 0.003 | 4.90E-141 | 639.224 |
| rs115566353 | A | G | (0.067) | 0.011 | 4.30E-10 | 38.963 |
| rs11601507 | A | C | (0.034) | 0.004 | 3.10E-16 | 66.717 |

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|-------------|---|---|---------|-------|----------|---------|
| rs116052829 | T | C | 0.031 | 0.003 | 3.10E-19 | 80.373 |
| rs11611855 | T | C | (0.022) | 0.002 | 1.60E-25 | 109.078 |
| rs11627485 | C | T | 0.024 | 0.002 | 1.40E-30 | 132.118 |
| rs11676298 | G | C | 0.029 | 0.003 | 4.30E-28 | 120.779 |
| rs11679328 | T | C | 0.026 | 0.004 | 3.20E-09 | 35.089 |
| rs117078929 | T | A | 0.021 | 0.003 | 8.70E-10 | 37.592 |
| rs117119759 | A | G | (0.050) | 0.006 | 1.70E-14 | 58.881 |
| rs11712335 | C | T | 0.013 | 0.002 | 1.30E-08 | 32.303 |
| rs11734099 | A | G | 0.050 | 0.003 | 4.10E-72 | 322.509 |
| rs11764390 | A | G | 0.024 | 0.002 | 1.10E-28 | 123.422 |
| rs117684519 | T | C | 0.035 | 0.006 | 8.90E-09 | 33.071 |
| rs117857686 | T | C | 0.109 | 0.007 | 1.40E-48 | 214.479 |
| rs118083884 | A | G | (0.059) | 0.009 | 1.50E-10 | 41.081 |
| rs11818463 | C | G | (0.023) | 0.002 | 5.40E-26 | 111.193 |
| rs11841319 | T | C | (0.064) | 0.004 | 3.50E-75 | 336.623 |
| rs11891555 | T | G | 0.014 | 0.002 | 3.10E-10 | 39.593 |
| rs11950562 | C | A | (0.023) | 0.002 | 4.30E-28 | 120.784 |
| rs12000252 | G | A | (0.020) | 0.002 | 5.50E-21 | 88.344 |
| rs12041331 | A | G | 0.034 | 0.004 | 4.20E-20 | 84.330 |
| rs12052715 | G | C | (0.037) | 0.002 | 2.70E-56 | 249.954 |
| rs12118065 | A | G | (0.029) | 0.002 | 2.10E-41 | 181.699 |
| rs12125200 | G | A | 0.032 | 0.002 | 5.20E-42 | 184.443 |
| rs12126199 | T | C | 0.050 | 0.006 | 5.20E-18 | 74.799 |
| rs12139095 | C | T | (0.018) | 0.002 | 2.00E-13 | 54.018 |
| rs12149168 | T | G | 0.020 | 0.002 | 9.90E-18 | 73.525 |
| rs12155039 | A | C | (0.034) | 0.002 | 2.00E-58 | 259.666 |
| rs12184308 | A | G | 0.016 | 0.002 | 2.10E-11 | 44.864 |
| rs12239737 | A | T | 0.013 | 0.002 | 2.80E-09 | 35.297 |
| rs12266852 | T | C | 0.024 | 0.003 | 5.30E-12 | 47.567 |
| rs12336065 | A | G | (0.032) | 0.005 | 5.10E-10 | 38.644 |
| rs12376511 | C | T | (0.048) | 0.003 | 6.30E-62 | 275.758 |
| rs12386849 | T | C | (0.015) | 0.002 | 4.50E-11 | 43.375 |
| rs12439144 | A | G | 0.016 | 0.002 | 2.90E-14 | 57.814 |
| rs12451471 | T | C | (0.015) | 0.002 | 5.30E-12 | 47.564 |
| rs12491785 | T | C | (0.023) | 0.002 | 1.70E-27 | 118.086 |
| rs12492695 | G | A | 0.012 | 0.002 | 2.60E-08 | 30.982 |
| rs12533403 | T | C | 0.016 | 0.002 | 1.40E-14 | 59.259 |
| rs12564806 | T | C | (0.039) | 0.002 | 1.90E-56 | 250.662 |
| rs1260326 | C | T | (0.041) | 0.002 | 2.30E-82 | 369.614 |
| rs1260405 | G | A | 0.020 | 0.002 | 3.30E-20 | 84.793 |
| rs12676105 | T | C | (0.018) | 0.002 | 4.30E-18 | 75.167 |
| rs12708514 | G | A | (0.023) | 0.003 | 1.50E-18 | 77.245 |
| rs12762934 | T | C | 0.019 | 0.002 | 3.20E-17 | 71.194 |
| rs12889267 | G | A | 0.016 | 0.003 | 8.80E-09 | 33.094 |
| rs12897841 | T | C | (0.013) | 0.002 | 9.50E-10 | 37.435 |
| rs12909131 | T | C | 0.017 | 0.002 | 1.00E-11 | 46.272 |
| rs12923319 | A | C | 0.016 | 0.002 | 9.60E-11 | 41.910 |
| rs12975577 | T | C | (0.016) | 0.002 | 9.10E-15 | 60.075 |
| rs12979891 | T | C | 0.015 | 0.002 | 3.80E-13 | 52.749 |
| rs12983010 | G | A | 0.048 | 0.004 | 1.40E-30 | 132.100 |

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|-------------|---|---|---------|-------|-----------|---------|
| rs13000644 | G | A | (0.013) | 0.002 | 1.20E-08 | 32.430 |
| rs13084317 | A | G | 0.017 | 0.002 | 2.50E-14 | 58.102 |
| rs13084357 | C | T | 0.045 | 0.004 | 1.10E-32 | 141.718 |
| rs13138724 | A | G | (0.016) | 0.002 | 7.80E-14 | 55.845 |
| rs13150834 | G | T | 0.022 | 0.002 | 1.60E-24 | 104.458 |
| rs13154903 | C | T | (0.024) | 0.003 | 6.70E-13 | 51.639 |
| rs13185488 | A | G | (0.021) | 0.003 | 2.90E-16 | 66.864 |
| rs13191948 | T | C | 0.024 | 0.002 | 6.10E-31 | 133.768 |
| rs13208045 | T | C | (0.030) | 0.003 | 1.80E-18 | 76.950 |
| rs13224082 | T | A | (0.034) | 0.002 | 1.00E-43 | 192.294 |
| rs13266443 | G | C | 0.026 | 0.003 | 3.40E-25 | 107.509 |
| rs13394819 | A | T | 0.017 | 0.002 | 6.40E-14 | 56.234 |
| rs138181113 | T | C | 0.032 | 0.005 | 7.50E-10 | 37.897 |
| rs138866 | A | G | 0.021 | 0.003 | 1.00E-15 | 64.379 |
| rs139974673 | C | T | 0.118 | 0.007 | 2.80E-69 | 309.492 |
| rs140436199 | A | G | (0.045) | 0.005 | 3.00E-23 | 98.655 |
| rs1408711 | G | C | 0.026 | 0.003 | 3.20E-23 | 98.546 |
| rs143822714 | G | A | 0.031 | 0.005 | 1.20E-08 | 32.458 |
| rs143900286 | A | T | (0.112) | 0.010 | 1.70E-30 | 131.732 |
| rs144075040 | C | G | (0.102) | 0.011 | 6.10E-22 | 92.682 |
| rs144317085 | T | A | 0.043 | 0.006 | 3.50E-13 | 52.914 |
| rs144663068 | G | A | (0.018) | 0.003 | 8.10E-09 | 33.256 |
| rs1472265 | C | T | (0.015) | 0.002 | 9.80E-12 | 46.360 |
| rs1476096 | C | A | 0.020 | 0.002 | 1.00E-19 | 82.558 |
| rs148383532 | A | G | (0.018) | 0.003 | 1.80E-09 | 36.188 |
| rs150950100 | T | C | (0.046) | 0.007 | 5.70E-10 | 38.428 |
| rs151234 | C | G | 0.066 | 0.003 | 7.60E-97 | 436.114 |
| rs1569419 | C | T | 0.023 | 0.003 | 1.20E-19 | 82.259 |
| rs160697 | G | A | 0.013 | 0.002 | 3.50E-09 | 34.858 |
| rs1641861 | A | G | 0.035 | 0.005 | 5.10E-12 | 47.634 |
| rs1642764 | T | C | (0.018) | 0.002 | 2.20E-17 | 71.914 |
| rs1645984 | C | T | (0.015) | 0.002 | 2.10E-09 | 35.923 |
| rs165177 | C | T | 0.017 | 0.002 | 3.40E-12 | 48.434 |
| rs1660155 | C | A | (0.013) | 0.002 | 6.20E-09 | 33.773 |
| rs167454 | T | C | (0.016) | 0.003 | 1.80E-10 | 40.723 |
| rs167924 | G | A | 0.021 | 0.002 | 4.70E-22 | 93.199 |
| rs16943595 | C | G | (0.021) | 0.003 | 2.30E-12 | 49.173 |
| rs17093381 | G | A | (0.016) | 0.003 | 5.10E-09 | 34.132 |
| rs17138723 | G | C | (0.031) | 0.003 | 9.50E-33 | 142.040 |
| rs1716505 | G | C | 0.042 | 0.002 | 5.30E-76 | 340.364 |
| rs17175830 | A | G | 0.036 | 0.003 | 4.90E-47 | 207.461 |
| rs1719271 | G | A | 0.052 | 0.003 | 3.10E-64 | 286.324 |
| rs1727324 | T | A | 0.029 | 0.003 | 7.30E-29 | 124.293 |
| rs17302005 | G | A | 0.018 | 0.003 | 7.00E-11 | 42.515 |
| rs17572109 | A | G | 0.038 | 0.003 | 5.90E-52 | 230.032 |
| rs1768584 | G | A | 0.048 | 0.002 | 7.60E-110 | 495.850 |
| rs17707466 | G | A | (0.019) | 0.003 | 1.60E-11 | 45.390 |
| rs17720826 | A | G | 0.030 | 0.004 | 1.40E-13 | 54.650 |
| rs17758695 | T | C | (0.067) | 0.006 | 6.70E-27 | 115.332 |
| rs178010 | T | A | 0.015 | 0.002 | 4.80E-10 | 38.742 |

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|-----------|---|---|---------|-------|-----------|---------|
| rs1865761 | C | T | (0.014) | 0.002 | 6.90E-11 | 42.550 |
| rs1895490 | A | G | 0.018 | 0.002 | 2.40E-17 | 71.814 |
| rs191378 | A | G | 0.019 | 0.003 | 7.20E-14 | 56.012 |
| rs1924930 | A | T | (0.015) | 0.003 | 8.60E-09 | 33.142 |
| rs198217 | G | T | 0.011 | 0.002 | 4.80E-08 | 29.777 |
| rs1997577 | T | A | (0.018) | 0.003 | 2.00E-09 | 35.956 |
| rs1997719 | T | C | (0.021) | 0.002 | 2.40E-23 | 99.124 |
| rs2015210 | G | T | (0.026) | 0.002 | 1.60E-26 | 113.630 |
| rs2015599 | A | G | (0.045) | 0.002 | 8.99E-101 | 454.150 |
| rs2017372 | T | C | 0.020 | 0.003 | 4.50E-10 | 38.872 |
| rs2038479 | A | C | (0.064) | 0.003 | 4.60E-130 | 588.775 |
| rs2038700 | C | T | 0.016 | 0.002 | 1.30E-13 | 54.910 |
| rs2040395 | C | T | 0.013 | 0.002 | 1.40E-09 | 36.689 |
| rs2068888 | A | G | (0.022) | 0.002 | 4.70E-26 | 111.453 |
| rs2070738 | C | T | (0.014) | 0.002 | 3.00E-10 | 39.658 |
| rs211510 | G | A | (0.014) | 0.002 | 5.30E-11 | 43.059 |
| rs2122403 | A | G | (0.023) | 0.004 | 3.30E-09 | 34.983 |
| rs2133886 | G | T | 0.067 | 0.002 | 1.00E-200 | 956.423 |
| rs218265 | C | T | 0.020 | 0.003 | 1.50E-11 | 45.537 |
| rs2243103 | G | C | 0.074 | 0.004 | 9.60E-75 | 334.590 |
| rs2255531 | A | G | (0.024) | 0.002 | 3.00E-28 | 121.478 |
| rs2274319 | C | T | (0.027) | 0.002 | 3.80E-35 | 153.042 |
| rs2281232 | A | C | (0.024) | 0.004 | 2.10E-08 | 31.443 |
| rs2294921 | T | C | (0.028) | 0.003 | 3.00E-22 | 94.091 |
| rs2295205 | G | C | 0.015 | 0.002 | 9.00E-10 | 37.541 |
| rs2297066 | G | C | 0.052 | 0.002 | 7.20E-98 | 440.817 |
| rs2305769 | C | G | 0.015 | 0.003 | 1.30E-09 | 36.769 |
| rs2321536 | T | C | 0.019 | 0.002 | 4.20E-18 | 75.210 |
| rs2351772 | T | C | 0.016 | 0.002 | 7.90E-14 | 55.833 |
| rs2353701 | C | T | 0.012 | 0.002 | 2.40E-08 | 31.116 |
| rs238911 | A | G | (0.017) | 0.002 | 1.80E-15 | 63.236 |
| rs2389874 | G | A | 0.020 | 0.002 | 9.10E-20 | 82.792 |
| rs2417966 | G | C | 0.017 | 0.002 | 1.50E-12 | 50.088 |
| rs2455425 | C | T | (0.021) | 0.004 | 2.30E-08 | 31.224 |
| rs2475218 | T | C | (0.026) | 0.004 | 9.40E-13 | 50.969 |
| rs2494663 | A | C | (0.021) | 0.002 | 5.90E-24 | 101.865 |
| rs2498244 | C | A | 0.013 | 0.002 | 1.30E-08 | 32.364 |
| rs2520096 | G | A | 0.034 | 0.002 | 1.10E-45 | 201.205 |
| rs2613522 | G | A | (0.015) | 0.002 | 1.30E-10 | 41.243 |
| rs2641443 | A | G | (0.030) | 0.002 | 1.10E-36 | 160.090 |
| rs2689216 | A | G | 0.019 | 0.002 | 7.30E-17 | 69.596 |
| rs2700936 | G | T | 0.017 | 0.002 | 1.50E-15 | 63.677 |
| rs2708421 | T | C | (0.013) | 0.002 | 6.10E-10 | 38.287 |
| rs2724564 | T | G | 0.025 | 0.002 | 2.30E-32 | 140.278 |
| rs2744963 | A | G | (0.028) | 0.003 | 4.30E-27 | 116.202 |
| rs2755214 | G | T | 0.024 | 0.002 | 5.60E-25 | 106.540 |
| rs2758994 | T | C | (0.019) | 0.002 | 2.10E-15 | 62.941 |
| rs2786802 | T | G | (0.018) | 0.003 | 4.90E-11 | 43.221 |
| rs2788500 | G | A | (0.042) | 0.004 | 2.00E-20 | 85.775 |
| rs2797688 | C | T | 0.020 | 0.002 | 9.40E-22 | 91.842 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs2836425 | T | C | 0.038 | 0.003 | 6.90E-34 | 147.257 |
| rs28456 | G | A | 0.040 | 0.002 | 4.20E-68 | 304.100 |
| rs28505677 | G | C | (0.035) | 0.003 | 1.00E-44 | 196.887 |
| rs2900177 | T | C | 0.017 | 0.002 | 3.30E-14 | 57.547 |
| rs2925033 | T | C | (0.015) | 0.002 | 1.70E-12 | 49.838 |
| rs296887 | T | C | 0.015 | 0.002 | 8.60E-10 | 37.616 |
| rs2999157 | A | G | (0.030) | 0.002 | 6.40E-47 | 206.948 |
| rs303968 | C | T | (0.019) | 0.002 | 1.10E-18 | 77.887 |
| rs3122414 | A | G | (0.016) | 0.002 | 9.70E-13 | 50.897 |
| rs34143604 | A | C | 0.016 | 0.002 | 1.50E-13 | 54.582 |
| rs34152163 | C | G | (0.014) | 0.002 | 1.40E-10 | 41.144 |
| rs342299 | T | C | (0.071) | 0.002 | 1.00E-200 | 1104.568 |
| rs34329 | C | G | 0.017 | 0.002 | 1.80E-13 | 54.231 |
| rs34341922 | A | G | 0.023 | 0.002 | 3.80E-27 | 116.451 |
| rs34346558 | C | A | 0.020 | 0.003 | 5.40E-14 | 56.563 |
| rs34524896 | T | C | (0.090) | 0.005 | 1.90E-74 | 333.184 |
| rs34587839 | A | G | 0.017 | 0.003 | 3.70E-09 | 34.755 |
| rs34592828 | A | G | (0.139) | 0.005 | 5.00E-161 | 731.164 |
| rs34651 | T | C | 0.044 | 0.004 | 1.60E-29 | 127.247 |
| rs34750619 | A | G | 0.037 | 0.004 | 3.40E-19 | 80.166 |
| rs34968913 | A | G | (0.019) | 0.003 | 1.60E-14 | 59.033 |
| rs35027951 | G | A | (0.014) | 0.003 | 4.00E-08 | 30.166 |
| rs35069969 | C | G | 0.016 | 0.002 | 2.00E-13 | 54.020 |
| rs35144104 | T | C | 0.076 | 0.002 | 1.00E-200 | 1059.937 |
| rs35258120 | A | G | 0.051 | 0.003 | 1.60E-78 | 351.914 |
| rs35267052 | G | T | 0.026 | 0.003 | 1.40E-13 | 54.681 |
| rs35330522 | A | G | 0.019 | 0.002 | 4.00E-20 | 84.400 |
| rs35355140 | A | C | (0.027) | 0.004 | 1.70E-10 | 40.804 |
| rs35732917 | C | T | (0.016) | 0.002 | 2.80E-12 | 48.842 |
| rs35989952 | C | T | 0.036 | 0.004 | 3.10E-22 | 94.024 |
| rs36034566 | C | A | 0.016 | 0.002 | 6.80E-14 | 56.131 |
| rs36109901 | C | A | 0.063 | 0.002 | 5.11E-155 | 703.543 |
| rs371270656 | A | T | 0.076 | 0.010 | 3.00E-13 | 53.206 |
| rs3731211 | A | T | 0.044 | 0.002 | 1.30E-77 | 347.781 |
| rs3736313 | G | A | (0.015) | 0.002 | 1.60E-10 | 40.904 |
| rs374039502 | A | T | (0.050) | 0.008 | 1.10E-10 | 41.626 |
| rs3742028 | A | G | (0.045) | 0.002 | 1.00E-97 | 440.154 |
| rs3742271 | C | G | 0.017 | 0.002 | 8.60E-15 | 60.200 |
| rs3742321 | C | T | (0.016) | 0.003 | 5.80E-10 | 38.393 |
| rs3760868 | G | T | (0.023) | 0.003 | 1.10E-13 | 55.204 |
| rs3764535 | A | G | 0.020 | 0.002 | 2.80E-21 | 89.678 |
| rs3767812 | A | G | 0.037 | 0.003 | 1.80E-48 | 214.050 |
| rs3771529 | A | G | (0.032) | 0.003 | 5.80E-33 | 143.042 |
| rs3804749 | T | C | (0.037) | 0.002 | 2.70E-68 | 304.983 |
| rs3806233 | A | G | 0.014 | 0.002 | 1.50E-10 | 40.980 |
| rs381500 | A | C | 0.031 | 0.002 | 2.50E-48 | 213.371 |
| rs3865444 | A | C | (0.024) | 0.002 | 1.50E-26 | 113.745 |
| rs3943516 | G | A | 0.015 | 0.002 | 9.50E-12 | 46.436 |
| rs3956381 | A | C | 0.016 | 0.002 | 6.80E-13 | 51.597 |
| rs41266821 | G | A | (0.031) | 0.003 | 1.30E-21 | 91.129 |

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|------------|---|---|---------|-------|-----------|---------|
| rs41375145 | G | A | (0.027) | 0.004 | 4.80E-14 | 56.829 |
| rs4148445 | T | C | 0.074 | 0.004 | 6.80E-84 | 376.626 |
| rs4286082 | T | C | (0.016) | 0.002 | 3.00E-12 | 48.691 |
| rs4357501 | T | C | (0.012) | 0.002 | 1.00E-08 | 32.761 |
| rs4377525 | C | A | (0.028) | 0.002 | 5.80E-31 | 133.865 |
| rs4442541 | G | A | 0.022 | 0.002 | 2.20E-21 | 90.158 |
| rs4449748 | G | A | 0.022 | 0.002 | 1.90E-19 | 81.325 |
| rs4477285 | A | G | 0.018 | 0.002 | 5.30E-17 | 70.226 |
| rs4538653 | C | G | (0.044) | 0.002 | 5.20E-81 | 363.356 |
| rs4588 | T | G | (0.014) | 0.002 | 3.40E-09 | 34.922 |
| rs458857 | A | C | 0.015 | 0.002 | 1.60E-12 | 49.902 |
| rs4670779 | T | C | (0.019) | 0.002 | 1.10E-16 | 68.799 |
| rs4711890 | G | C | 0.029 | 0.002 | 1.60E-34 | 150.179 |
| rs4720246 | G | A | (0.018) | 0.003 | 9.90E-11 | 41.844 |
| rs4754299 | T | C | 0.021 | 0.002 | 6.20E-23 | 97.236 |
| rs4771666 | T | C | 0.015 | 0.003 | 6.20E-09 | 33.785 |
| rs4780355 | C | T | 0.021 | 0.002 | 1.20E-19 | 82.192 |
| rs4783189 | G | A | (0.043) | 0.003 | 1.00E-42 | 187.635 |
| rs4793987 | C | T | (0.013) | 0.002 | 2.20E-09 | 35.807 |
| rs4812449 | G | C | 0.014 | 0.002 | 5.60E-11 | 42.963 |
| rs4815915 | A | G | (0.018) | 0.002 | 1.30E-15 | 63.978 |
| rs4818033 | C | T | (0.020) | 0.002 | 8.40E-18 | 73.847 |
| rs4820013 | C | T | 0.016 | 0.002 | 6.50E-12 | 47.188 |
| rs482246 | G | A | 0.015 | 0.002 | 6.50E-12 | 47.171 |
| rs4846082 | T | C | (0.039) | 0.002 | 4.40E-77 | 345.343 |
| rs4846914 | A | G | 0.028 | 0.002 | 1.20E-37 | 164.474 |
| rs4849845 | A | G | (0.035) | 0.002 | 2.80E-53 | 236.099 |
| rs4858819 | T | C | (0.016) | 0.002 | 7.70E-11 | 42.326 |
| rs4883519 | C | T | 0.012 | 0.002 | 4.90E-09 | 34.221 |
| rs4896117 | C | T | (0.032) | 0.002 | 2.00E-50 | 222.991 |
| rs4902244 | G | A | 0.017 | 0.003 | 6.50E-09 | 33.668 |
| rs4913405 | A | G | 0.018 | 0.002 | 2.00E-13 | 53.989 |
| rs4924839 | G | A | 0.013 | 0.002 | 2.40E-09 | 35.616 |
| rs4937127 | G | A | (0.027) | 0.002 | 5.90E-38 | 165.875 |
| rs4946366 | T | C | (0.017) | 0.003 | 5.00E-09 | 34.186 |
| rs4947490 | G | A | 0.017 | 0.002 | 1.50E-13 | 54.607 |
| rs4965426 | A | G | (0.041) | 0.003 | 3.50E-42 | 185.235 |
| rs4972760 | G | A | 0.020 | 0.003 | 4.00E-10 | 39.132 |
| rs4979859 | T | G | 0.019 | 0.002 | 1.90E-15 | 63.191 |
| rs55664157 | A | T | (0.031) | 0.003 | 6.70E-22 | 92.505 |
| rs55708816 | A | G | 0.032 | 0.003 | 9.70E-21 | 87.228 |
| rs55773542 | T | C | (0.027) | 0.003 | 6.50E-15 | 60.730 |
| rs55794721 | A | G | (0.036) | 0.002 | 2.10E-64 | 287.170 |
| rs55879786 | A | G | (0.028) | 0.003 | 4.60E-25 | 106.926 |
| rs56088754 | G | A | 0.017 | 0.002 | 5.50E-14 | 56.543 |
| rs57273488 | A | G | 0.041 | 0.006 | 1.40E-10 | 41.207 |
| rs57486725 | G | T | (0.050) | 0.004 | 9.60E-37 | 160.327 |
| rs57843631 | T | C | (0.235) | 0.008 | 3.30E-189 | 860.800 |
| rs58241613 | A | T | 0.051 | 0.007 | 1.60E-13 | 54.394 |
| rs583306 | T | C | 0.022 | 0.002 | 1.00E-19 | 82.564 |

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|------------|---|---|---------|-------|-----------|---------|
| rs58722186 | T | C | 0.023 | 0.002 | 8.10E-24 | 101.248 |
| rs58954593 | T | C | (0.021) | 0.003 | 1.90E-14 | 58.634 |
| rs594942 | C | T | 0.018 | 0.002 | 1.50E-16 | 68.136 |
| rs60188612 | A | G | 0.015 | 0.003 | 1.70E-08 | 31.754 |
| rs60232238 | C | G | (0.017) | 0.002 | 5.20E-12 | 47.593 |
| rs6031907 | A | G | (0.013) | 0.002 | 5.90E-10 | 38.357 |
| rs6035274 | C | T | (0.014) | 0.002 | 2.30E-11 | 44.729 |
| rs60384564 | C | A | (0.054) | 0.005 | 8.30E-23 | 96.633 |
| rs6044953 | A | G | (0.013) | 0.002 | 3.20E-09 | 35.077 |
| rs6045612 | T | C | (0.043) | 0.002 | 7.60E-71 | 316.694 |
| rs6060976 | A | G | (0.034) | 0.002 | 2.00E-47 | 209.248 |
| rs6066390 | T | C | 0.016 | 0.003 | 3.10E-10 | 39.589 |
| rs60757417 | G | C | (0.080) | 0.004 | 1.70E-70 | 315.143 |
| rs61025394 | A | G | (0.017) | 0.003 | 3.90E-11 | 43.666 |
| rs6103669 | A | G | (0.018) | 0.002 | 5.30E-14 | 56.598 |
| rs6140670 | A | G | (0.016) | 0.002 | 8.00E-12 | 46.777 |
| rs6141 | T | C | 0.060 | 0.002 | 1.30E-181 | 825.916 |
| rs61608280 | G | A | 0.014 | 0.002 | 6.90E-11 | 42.555 |
| rs61781290 | G | A | 0.027 | 0.002 | 5.80E-30 | 129.307 |
| rs619011 | G | A | 0.015 | 0.002 | 9.60E-11 | 41.903 |
| rs61966631 | C | T | 0.027 | 0.002 | 1.30E-35 | 155.184 |
| rs61986599 | A | G | (0.020) | 0.002 | 1.50E-18 | 77.198 |
| rs62002318 | G | A | 0.014 | 0.002 | 2.10E-11 | 44.848 |
| rs62022865 | C | A | (0.021) | 0.003 | 6.20E-12 | 47.259 |
| rs62113963 | T | C | (0.015) | 0.002 | 1.90E-09 | 36.043 |
| rs62217799 | T | G | 0.018 | 0.002 | 5.60E-16 | 65.577 |
| rs62241230 | T | C | (0.017) | 0.002 | 3.40E-14 | 57.477 |
| rs62397627 | G | A | 0.030 | 0.003 | 4.40E-32 | 138.991 |
| rs62491380 | G | A | (0.028) | 0.004 | 4.60E-15 | 61.410 |
| rs62523770 | T | G | 0.025 | 0.003 | 8.90E-21 | 87.397 |
| rs635887 | G | T | (0.017) | 0.002 | 4.40E-14 | 56.962 |
| rs6420998 | A | G | 0.038 | 0.004 | 1.00E-25 | 109.900 |
| rs6439675 | A | G | 0.018 | 0.002 | 5.00E-17 | 70.346 |
| rs6444571 | C | T | 0.022 | 0.002 | 8.20E-20 | 83.012 |
| rs645901 | C | T | 0.037 | 0.003 | 1.70E-32 | 140.850 |
| rs646809 | T | C | 0.018 | 0.003 | 2.20E-12 | 49.298 |
| rs648103 | C | T | 0.017 | 0.002 | 2.50E-14 | 58.097 |
| rs6533483 | A | G | (0.026) | 0.002 | 2.10E-33 | 145.027 |
| rs6537255 | C | T | 0.018 | 0.002 | 4.10E-17 | 70.748 |
| rs6546909 | T | A | 0.024 | 0.003 | 2.20E-16 | 67.426 |
| rs655029 | A | G | 0.069 | 0.002 | 8.49E-192 | 872.701 |
| rs6554595 | T | C | 0.014 | 0.002 | 1.80E-11 | 45.192 |
| rs6556405 | C | T | (0.027) | 0.002 | 5.40E-29 | 124.866 |
| rs656163 | G | A | (0.012) | 0.002 | 4.90E-08 | 29.737 |
| rs6572992 | G | C | 0.014 | 0.002 | 1.70E-10 | 40.821 |
| rs6588634 | T | C | 0.023 | 0.003 | 2.60E-11 | 44.429 |
| rs658974 | T | C | (0.032) | 0.004 | 5.30E-14 | 56.623 |
| rs6592965 | A | G | 0.016 | 0.002 | 1.70E-14 | 58.844 |
| rs6593513 | C | T | (0.013) | 0.002 | 5.70E-09 | 33.944 |
| rs6664992 | G | A | 0.012 | 0.002 | 3.50E-08 | 30.417 |

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|------------|---|---|---------|-------|-----------|----------|
| rs669556 | T | C | 0.021 | 0.003 | 8.00E-16 | 64.877 |
| rs6696074 | T | C | 0.015 | 0.002 | 8.40E-12 | 46.662 |
| rs6706095 | G | T | 0.023 | 0.002 | 1.10E-20 | 87.006 |
| rs67149561 | C | G | 0.025 | 0.003 | 3.90E-18 | 75.362 |
| rs6786088 | C | T | (0.032) | 0.002 | 1.00E-46 | 205.977 |
| rs6793096 | G | A | (0.017) | 0.003 | 1.00E-10 | 41.806 |
| rs6815294 | A | G | 0.022 | 0.002 | 6.70E-24 | 101.631 |
| rs6863275 | C | A | (0.024) | 0.004 | 2.10E-10 | 40.367 |
| rs6880286 | T | C | 0.019 | 0.002 | 3.50E-19 | 80.131 |
| rs6883116 | C | T | (0.012) | 0.002 | 8.80E-09 | 33.090 |
| rs6883827 | G | A | 0.028 | 0.002 | 3.00E-39 | 171.804 |
| rs6916257 | A | C | (0.031) | 0.005 | 8.40E-10 | 37.665 |
| rs6985149 | G | A | (0.019) | 0.002 | 1.00E-16 | 68.909 |
| rs6993770 | T | A | (0.070) | 0.002 | 1.60E-196 | 894.394 |
| rs7000170 | A | G | (0.021) | 0.002 | 4.30E-19 | 79.727 |
| rs7010394 | C | T | 0.018 | 0.002 | 2.10E-17 | 72.026 |
| rs706025 | A | C | 0.012 | 0.002 | 6.00E-09 | 33.846 |
| rs7096937 | C | T | (0.013) | 0.002 | 1.70E-08 | 31.759 |
| rs7111926 | A | C | (0.027) | 0.002 | 8.60E-33 | 142.244 |
| rs7113149 | T | C | (0.021) | 0.004 | 3.20E-09 | 35.076 |
| rs7115672 | C | T | 0.023 | 0.004 | 2.20E-10 | 40.238 |
| rs7117878 | A | C | 0.016 | 0.002 | 8.10E-13 | 51.266 |
| rs7124681 | A | C | (0.025) | 0.002 | 3.10E-31 | 135.135 |
| rs71265190 | A | G | (0.016) | 0.003 | 6.90E-11 | 42.556 |
| rs7213617 | G | A | (0.020) | 0.002 | 7.40E-20 | 83.204 |
| rs7223589 | C | T | 0.017 | 0.002 | 6.50E-15 | 60.747 |
| rs7233932 | G | C | 0.015 | 0.002 | 1.20E-10 | 41.390 |
| rs7249692 | C | T | (0.029) | 0.002 | 2.20E-39 | 172.445 |
| rs7252328 | G | A | 0.025 | 0.003 | 2.90E-17 | 71.434 |
| rs7253820 | G | A | 0.022 | 0.002 | 3.90E-25 | 107.240 |
| rs7254827 | T | A | (0.027) | 0.003 | 6.50E-27 | 115.390 |
| rs72627500 | G | A | (0.020) | 0.003 | 1.00E-10 | 41.757 |
| rs72687006 | C | T | 0.062 | 0.008 | 2.60E-13 | 53.527 |
| rs72725158 | C | T | (0.048) | 0.003 | 3.30E-62 | 277.025 |
| rs72760940 | T | C | (0.027) | 0.004 | 4.50E-11 | 43.393 |
| rs72917118 | T | C | (0.018) | 0.003 | 7.00E-10 | 38.011 |
| rs7294800 | A | C | 0.019 | 0.003 | 8.70E-09 | 33.107 |
| rs72969820 | T | C | (0.030) | 0.003 | 5.70E-19 | 79.167 |
| rs72996108 | A | C | (0.026) | 0.004 | 1.10E-13 | 55.098 |
| rs73036520 | C | G | (0.049) | 0.002 | 2.30E-88 | 397.148 |
| rs73037185 | T | C | 0.024 | 0.004 | 3.50E-09 | 34.870 |
| rs7309426 | A | G | 0.018 | 0.003 | 7.40E-11 | 42.412 |
| rs73140125 | G | A | 0.017 | 0.003 | 4.30E-08 | 29.996 |
| rs73226473 | C | T | 0.018 | 0.003 | 3.20E-10 | 39.571 |
| rs7332115 | G | T | 0.026 | 0.002 | 8.50E-32 | 137.700 |
| rs73617438 | A | G | (0.017) | 0.003 | 4.90E-08 | 29.742 |
| rs7385804 | A | C | 0.027 | 0.002 | 2.80E-34 | 149.065 |
| rs74227709 | A | G | (0.136) | 0.004 | 1.00E-200 | 1111.476 |
| rs74403919 | A | T | 0.016 | 0.003 | 8.50E-09 | 33.162 |
| rs74519049 | T | C | 0.032 | 0.004 | 3.50E-14 | 57.417 |

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|------------|---|---|---------|-------|-----------|---------|
| rs74528993 | A | G | 0.025 | 0.004 | 1.10E-08 | 32.635 |
| rs75065607 | C | T | (0.043) | 0.008 | 3.00E-08 | 30.727 |
| rs75107793 | A | G | 0.114 | 0.004 | 6.61E-169 | 767.392 |
| rs7516301 | C | T | 0.017 | 0.002 | 1.20E-15 | 64.077 |
| rs7532552 | G | A | (0.013) | 0.002 | 1.30E-08 | 32.284 |
| rs75511465 | A | G | (0.067) | 0.008 | 1.60E-15 | 63.487 |
| rs75659987 | A | T | 0.038 | 0.006 | 1.40E-10 | 41.224 |
| rs7571154 | T | C | 0.015 | 0.002 | 2.70E-10 | 39.896 |
| rs7577057 | C | T | 0.019 | 0.002 | 2.20E-19 | 81.064 |
| rs7585866 | G | A | 0.018 | 0.002 | 4.00E-17 | 70.762 |
| rs7630419 | A | G | (0.015) | 0.002 | 5.80E-13 | 51.909 |
| rs7641325 | A | G | (0.036) | 0.002 | 3.40E-65 | 290.754 |
| rs76445378 | T | C | 0.100 | 0.008 | 9.80E-33 | 141.991 |
| rs76452111 | T | A | (0.057) | 0.005 | 5.30E-27 | 115.766 |
| rs76496105 | G | C | (0.028) | 0.004 | 1.30E-14 | 59.320 |
| rs7652441 | G | A | 0.016 | 0.003 | 8.10E-10 | 37.732 |
| rs7655560 | A | G | (0.030) | 0.005 | 2.80E-10 | 39.829 |
| rs7658679 | T | C | (0.015) | 0.002 | 1.90E-12 | 49.575 |
| rs7660913 | C | G | 0.028 | 0.004 | 2.80E-10 | 39.816 |
| rs7671752 | T | C | (0.015) | 0.002 | 1.20E-12 | 50.425 |
| rs76840964 | G | A | (0.024) | 0.003 | 8.30E-14 | 55.726 |
| rs76859665 | T | G | (0.034) | 0.005 | 9.80E-10 | 37.368 |
| rs7705526 | A | C | 0.044 | 0.002 | 3.40E-82 | 368.812 |
| rs7706078 | T | C | (0.014) | 0.002 | 1.80E-10 | 40.674 |
| rs7760090 | G | A | (0.023) | 0.003 | 1.20E-17 | 73.133 |
| rs777490 | T | C | (0.015) | 0.002 | 3.10E-10 | 39.633 |
| rs77808283 | A | G | 0.048 | 0.006 | 3.30E-18 | 75.705 |
| rs77844289 | C | T | 0.076 | 0.004 | 2.50E-84 | 378.634 |
| rs7789916 | A | G | (0.021) | 0.002 | 5.60E-19 | 79.208 |
| rs78157248 | C | T | 0.028 | 0.004 | 2.20E-11 | 44.758 |
| rs78261031 | A | G | (0.030) | 0.004 | 2.20E-11 | 44.828 |
| rs7830416 | A | T | 0.020 | 0.003 | 2.10E-10 | 40.413 |
| rs7833924 | G | A | 0.042 | 0.002 | 2.10E-85 | 383.587 |
| rs78376243 | T | C | 0.020 | 0.003 | 1.70E-11 | 45.296 |
| rs7843024 | A | G | 0.016 | 0.002 | 1.30E-13 | 54.862 |
| rs7851531 | G | A | (0.012) | 0.002 | 4.80E-08 | 29.797 |
| rs7865719 | G | A | (0.041) | 0.002 | 4.70E-85 | 381.935 |
| rs7870898 | T | C | 0.028 | 0.002 | 1.20E-35 | 155.355 |
| rs78909033 | A | G | 0.062 | 0.003 | 1.70E-91 | 411.494 |
| rs78973710 | G | A | 0.021 | 0.003 | 7.90E-10 | 37.787 |
| rs79007502 | C | T | 0.091 | 0.005 | 2.70E-62 | 277.459 |
| rs7912685 | C | T | 0.021 | 0.003 | 3.00E-12 | 48.666 |
| rs79541578 | A | G | (0.020) | 0.003 | 3.70E-15 | 61.837 |
| rs79716587 | A | G | (0.022) | 0.003 | 4.50E-12 | 47.877 |
| rs80012730 | C | A | (0.042) | 0.004 | 4.70E-25 | 106.903 |
| rs80054178 | C | T | 0.129 | 0.007 | 4.20E-73 | 327.057 |
| rs8049394 | A | G | (0.022) | 0.002 | 5.00E-20 | 83.985 |
| rs8050500 | C | T | 0.018 | 0.002 | 1.10E-16 | 68.776 |
| rs8072157 | A | T | (0.020) | 0.003 | 1.40E-14 | 59.260 |
| rs8081858 | T | C | (0.062) | 0.002 | 5.79E-192 | 873.450 |

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|------------|---|---|---------|-------|----------|---------|--------|---------|
| rs8098454 | T | C | 0.025 | 0.004 | 1.30E-11 | 45.824 | | |
| rs8106212 | T | C | (0.091) | 0.010 | 4.10E-20 | 84.380 | | |
| rs8128904 | T | C | (0.017) | 0.003 | 6.70E-09 | 33.613 | | |
| rs8129054 | G | A | 0.020 | 0.002 | 3.40E-16 | 66.581 | | |
| rs8178824 | T | C | 0.100 | 0.006 | 3.20E-59 | 263.358 | | |
| rs855791 | G | A | (0.028) | 0.002 | 7.00E-38 | 165.525 | | |
| rs896156 | C | T | (0.035) | 0.004 | 5.20E-21 | 88.450 | | |
| rs9266658 | A | G | 0.059 | 0.003 | 4.40E-96 | 432.586 | | |
| rs9294458 | A | G | (0.012) | 0.002 | 2.40E-08 | 31.165 | | |
| rs9371672 | G | C | (0.013) | 0.002 | 5.90E-09 | 33.855 | | |
| rs9382146 | A | G | (0.025) | 0.002 | 3.30E-32 | 139.592 | | |
| rs9400379 | G | A | 0.019 | 0.002 | 5.50E-19 | 79.258 | | |
| rs9410195 | T | C | (0.066) | 0.004 | 1.90E-50 | 223.155 | | |
| rs947001 | G | A | (0.017) | 0.002 | 3.10E-14 | 57.652 | | |
| rs950965 | G | A | 0.023 | 0.002 | 1.30E-25 | 109.382 | | |
| rs9535495 | T | C | (0.014) | 0.002 | 1.70E-10 | 40.733 | | |
| rs9704476 | C | T | (0.015) | 0.002 | 2.20E-12 | 49.316 | | |
| rs9809116 | G | A | 0.020 | 0.002 | 1.70E-20 | 86.136 | | |
| rs9828304 | A | G | 0.012 | 0.002 | 6.30E-09 | 33.733 | | |
| rs9829114 | A | G | (0.023) | 0.002 | 5.90E-26 | 111.022 | | |
| rs984796 | G | T | (0.037) | 0.002 | 7.60E-69 | 307.518 | | |
| rs9879207 | C | T | 0.017 | 0.003 | 7.80E-10 | 37.822 | | |
| rs9912392 | C | G | (0.032) | 0.002 | 3.30E-50 | 222.030 | | |
| rs9916458 | A | G | 0.024 | 0.003 | 5.40E-20 | 83.838 | | |
| rs9919955 | C | G | (0.029) | 0.003 | 8.90E-25 | 105.623 | | |
| rs9947269 | C | T | 0.031 | 0.003 | 3.00E-23 | 98.636 | | |
| rs9950562 | T | C | (0.015) | 0.002 | 4.60E-12 | 47.862 | | |
| rs9967130 | G | A | 0.014 | 0.002 | 1.20E-09 | 36.912 | | |
| rs1002707 | T | C | (0.028) | 0.002 | 4.20E-30 | 129.947 | 66.661 | 129.169 |
| rs10048745 | A | G | 0.032 | 0.002 | 3.20E-39 | 171.689 | | |
| rs10064543 | A | G | 0.018 | 0.002 | 2.60E-15 | 62.553 | | |
| rs10112386 | C | T | (0.016) | 0.003 | 9.90E-09 | 32.859 | | |
| rs10174 | G | A | (0.018) | 0.002 | 1.40E-16 | 68.319 | | |
| rs10180658 | T | C | 0.024 | 0.002 | 2.10E-28 | 122.161 | | |
| rs10188795 | T | G | 0.028 | 0.005 | 4.20E-09 | 34.542 | | |
| rs10240931 | C | G | (0.029) | 0.003 | 5.40E-18 | 74.747 | | |
| rs1033686 | A | G | (0.038) | 0.003 | 1.30E-37 | 164.353 | | |
| rs1034491 | A | G | (0.020) | 0.003 | 5.80E-14 | 56.423 | | |
| rs1034564 | T | C | 0.025 | 0.002 | 5.90E-27 | 115.565 | | |
| rs10400322 | T | C | (0.013) | 0.002 | 2.80E-09 | 35.326 | | |
| rs10447226 | T | G | (0.016) | 0.002 | 5.20E-12 | 47.618 | | |
| rs10456113 | G | T | 0.027 | 0.003 | 6.00E-18 | 74.508 | | |
| rs1048155 | G | C | (0.013) | 0.002 | 4.50E-09 | 34.389 | | |
| rs10505545 | T | C | 0.018 | 0.002 | 7.30E-17 | 69.578 | | |
| rs10510412 | A | G | 0.022 | 0.002 | 1.10E-18 | 77.946 | | |
| rs10512472 | C | T | 0.042 | 0.003 | 1.10E-50 | 224.169 | | |
| rs1074958 | T | C | (0.029) | 0.004 | 1.50E-15 | 63.606 | | |
| rs1079227 | G | C | (0.027) | 0.002 | 8.30E-28 | 119.461 | | |
| rs10818963 | A | T | (0.021) | 0.002 | 5.90E-21 | 88.201 | | |
| rs10849819 | T | C | (0.019) | 0.002 | 1.30E-17 | 72.986 | | |

Plateletcrit

| | | | | | | |
|-------------|---|---|---------|-------|-----------|----------|
| rs10864368 | C | T | 0.034 | 0.002 | 6.60E-58 | 257.303 |
| rs10875730 | T | A | 0.018 | 0.003 | 1.60E-12 | 49.901 |
| rs10882179 | T | C | (0.013) | 0.002 | 5.40E-10 | 38.545 |
| rs10888263 | G | T | (0.014) | 0.002 | 4.10E-11 | 43.569 |
| rs10893871 | C | T | (0.026) | 0.002 | 2.50E-30 | 130.978 |
| rs10940072 | A | G | (0.015) | 0.002 | 1.40E-11 | 45.615 |
| rs10940474 | T | C | (0.015) | 0.002 | 6.90E-12 | 47.049 |
| rs10974874 | T | A | 0.032 | 0.003 | 1.90E-30 | 131.513 |
| rs10992746 | C | T | (0.013) | 0.002 | 6.60E-09 | 33.662 |
| rs1105314 | G | A | 0.015 | 0.002 | 1.90E-11 | 45.026 |
| rs11064156 | C | T | (0.018) | 0.002 | 3.30E-17 | 71.130 |
| rs11076515 | A | G | 0.018 | 0.002 | 1.80E-13 | 54.170 |
| rs11082304 | T | G | (0.033) | 0.002 | 3.50E-55 | 244.792 |
| rs11107039 | A | G | 0.024 | 0.003 | 4.80E-17 | 70.419 |
| rs11126249 | G | T | (0.016) | 0.003 | 2.40E-09 | 35.612 |
| rs11168249 | C | T | 0.026 | 0.002 | 4.70E-35 | 152.591 |
| rs111938639 | C | T | 0.017 | 0.003 | 1.20E-08 | 32.432 |
| rs11225024 | T | A | 0.027 | 0.004 | 3.90E-12 | 48.176 |
| rs112326923 | C | T | 0.085 | 0.009 | 4.00E-22 | 93.517 |
| rs11240572 | A | C | 0.037 | 0.006 | 9.50E-09 | 32.939 |
| rs112423577 | T | C | 0.040 | 0.007 | 5.80E-09 | 33.893 |
| rs112969588 | C | T | (0.037) | 0.004 | 2.40E-23 | 99.082 |
| rs113542380 | A | G | (0.070) | 0.004 | 3.00E-67 | 300.201 |
| rs114694170 | C | T | 0.090 | 0.005 | 4.70E-87 | 391.111 |
| rs11504523 | G | A | 0.034 | 0.004 | 5.00E-16 | 65.813 |
| rs115446347 | C | T | 0.080 | 0.004 | 2.00E-70 | 314.717 |
| rs11553699 | G | A | 0.118 | 0.003 | 1.00E-200 | 1273.999 |
| rs115566353 | A | G | (0.065) | 0.011 | 2.90E-09 | 35.233 |
| rs116052829 | T | C | 0.031 | 0.003 | 7.80E-19 | 78.539 |
| rs11615482 | A | C | 0.021 | 0.003 | 1.90E-15 | 63.117 |
| rs11655709 | C | T | 0.028 | 0.003 | 3.80E-16 | 66.346 |
| rs11676298 | G | C | 0.038 | 0.003 | 1.30E-44 | 196.312 |
| rs11679328 | T | C | 0.029 | 0.004 | 3.00E-11 | 44.207 |
| rs11715288 | C | T | 0.027 | 0.002 | 1.80E-36 | 159.036 |
| rs11745324 | A | G | 0.017 | 0.003 | 5.60E-11 | 42.951 |
| rs11757155 | T | C | (0.015) | 0.002 | 5.40E-12 | 47.525 |
| rs117857686 | T | C | 0.118 | 0.008 | 1.30E-55 | 246.836 |
| rs11794772 | A | G | 0.034 | 0.002 | 1.30E-45 | 200.921 |
| rs11818463 | C | G | (0.029) | 0.002 | 2.30E-38 | 167.784 |
| rs11841319 | T | C | (0.059) | 0.004 | 8.20E-64 | 284.425 |
| rs1185670 | T | C | (0.022) | 0.003 | 2.60E-18 | 76.205 |
| rs11876150 | C | T | (0.037) | 0.005 | 9.60E-15 | 59.977 |
| rs12050628 | A | G | 0.015 | 0.002 | 6.70E-10 | 38.116 |
| rs12052715 | G | C | (0.052) | 0.002 | 4.80E-108 | 487.571 |
| rs12155039 | A | C | (0.050) | 0.002 | 2.30E-120 | 544.171 |
| rs12220411 | A | G | 0.016 | 0.003 | 1.90E-09 | 36.055 |
| rs12223381 | T | C | 0.031 | 0.002 | 8.50E-48 | 210.963 |
| rs12223916 | G | C | (0.039) | 0.004 | 5.70E-28 | 120.210 |
| rs12371562 | T | C | 0.028 | 0.005 | 5.10E-09 | 34.137 |
| rs12376511 | C | T | (0.056) | 0.003 | 1.20E-85 | 384.597 |

| | | | | | | |
|-------------|---|---|---------|-------|----------|---------|
| rs12448829 | A | G | 0.022 | 0.002 | 1.90E-23 | 99.611 |
| rs12484795 | C | A | (0.024) | 0.003 | 9.70E-17 | 69.028 |
| rs12491937 | G | A | (0.042) | 0.002 | 7.70E-87 | 390.135 |
| rs12523094 | C | T | 0.018 | 0.002 | 9.10E-17 | 69.150 |
| rs12536349 | A | G | 0.027 | 0.004 | 3.60E-10 | 39.304 |
| rs12564806 | T | C | (0.034) | 0.002 | 1.50E-41 | 182.344 |
| rs12565181 | A | G | 0.019 | 0.003 | 2.60E-09 | 35.435 |
| rs12574844 | A | G | (0.026) | 0.004 | 8.70E-10 | 37.594 |
| rs1260326 | C | T | (0.038) | 0.002 | 2.20E-67 | 300.763 |
| rs12635205 | G | A | 0.022 | 0.002 | 3.90E-24 | 102.705 |
| rs12668458 | C | T | (0.012) | 0.002 | 3.40E-08 | 30.473 |
| rs12680058 | T | C | (0.017) | 0.003 | 2.30E-09 | 35.698 |
| rs12712068 | G | A | 0.023 | 0.002 | 3.80E-25 | 107.334 |
| rs12721051 | G | C | (0.034) | 0.003 | 8.30E-37 | 160.605 |
| rs12885460 | C | T | (0.015) | 0.002 | 4.00E-12 | 48.101 |
| rs12889267 | G | A | 0.021 | 0.003 | 4.30E-13 | 52.510 |
| rs12898998 | A | C | 0.012 | 0.002 | 8.30E-09 | 33.204 |
| rs12910114 | T | C | 0.020 | 0.002 | 1.70E-17 | 72.502 |
| rs1297257 | G | A | (0.023) | 0.002 | 5.20E-26 | 111.271 |
| rs12977252 | G | A | 0.024 | 0.004 | 2.30E-10 | 40.170 |
| rs13084317 | A | G | 0.017 | 0.002 | 7.30E-14 | 55.995 |
| rs13118519 | T | C | (0.023) | 0.002 | 3.40E-26 | 112.094 |
| rs13224082 | T | A | (0.023) | 0.002 | 1.30E-20 | 86.715 |
| rs13260832 | G | A | 0.019 | 0.003 | 1.10E-12 | 50.634 |
| rs13274496 | A | G | 0.024 | 0.003 | 1.90E-21 | 90.421 |
| rs1334577 | A | G | (0.021) | 0.002 | 7.70E-17 | 69.496 |
| rs1354034 | C | T | 0.025 | 0.002 | 7.30E-31 | 133.425 |
| rs1364076 | G | A | 0.021 | 0.002 | 1.10E-19 | 82.462 |
| rs138901672 | A | G | (0.054) | 0.006 | 1.40E-18 | 77.381 |
| rs139963228 | A | G | 0.045 | 0.008 | 3.60E-08 | 30.329 |
| rs139974673 | C | T | 0.123 | 0.007 | 3.10E-74 | 332.240 |
| rs140255439 | T | C | 0.056 | 0.010 | 3.00E-08 | 30.681 |
| rs140294987 | A | T | 0.023 | 0.003 | 8.80E-13 | 51.096 |
| rs140436199 | A | G | (0.054) | 0.005 | 4.80E-32 | 138.815 |
| rs140709290 | T | A | 0.030 | 0.005 | 1.10E-09 | 37.135 |
| rs1434282 | T | C | 0.049 | 0.002 | 1.40E-96 | 434.827 |
| rs143705965 | T | C | 0.040 | 0.006 | 7.60E-10 | 37.865 |
| rs144317085 | T | A | 0.057 | 0.006 | 4.80E-22 | 93.178 |
| rs1461102 | C | T | 0.015 | 0.003 | 4.20E-08 | 30.038 |
| rs146207734 | T | A | (0.088) | 0.009 | 3.10E-22 | 94.031 |
| rs146940154 | A | G | (0.067) | 0.008 | 6.80E-19 | 78.836 |
| rs1472265 | C | T | (0.013) | 0.002 | 1.90E-09 | 36.064 |
| rs147412694 | A | G | (0.020) | 0.003 | 1.40E-11 | 45.609 |
| rs150156796 | C | T | 0.039 | 0.006 | 2.00E-11 | 44.988 |
| rs150568286 | A | G | (0.114) | 0.010 | 3.10E-31 | 135.103 |
| rs150665764 | C | G | 0.047 | 0.008 | 1.10E-08 | 32.710 |
| rs150897705 | A | T | 0.029 | 0.005 | 1.30E-09 | 36.806 |
| rs151165225 | T | C | (0.039) | 0.002 | 3.60E-56 | 249.334 |
| rs151234 | C | G | 0.041 | 0.003 | 2.70E-38 | 167.419 |
| rs1539019 | C | A | 0.019 | 0.002 | 6.20E-18 | 74.449 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs1547247 | A | G | 0.080 | 0.002 | 1.00E-200 | 1207.781 |
| rs1555405 | A | G | (0.067) | 0.002 | 2.70E-163 | 741.559 |
| rs1556739 | T | G | 0.017 | 0.003 | 7.20E-09 | 33.480 |
| rs156355 | C | T | 0.044 | 0.002 | 4.80E-91 | 409.443 |
| rs1569419 | C | T | 0.042 | 0.003 | 1.90E-61 | 273.600 |
| rs158638 | A | G | (0.012) | 0.002 | 5.80E-09 | 33.914 |
| rs160697 | G | A | 0.017 | 0.002 | 1.30E-14 | 59.377 |
| rs1642764 | T | C | (0.017) | 0.002 | 8.70E-15 | 60.174 |
| rs165177 | C | T | 0.020 | 0.002 | 2.00E-16 | 67.613 |
| rs16858720 | G | A | 0.046 | 0.003 | 2.10E-45 | 199.984 |
| rs16928078 | T | C | (0.019) | 0.003 | 3.40E-08 | 30.460 |
| rs1702840 | T | C | (0.029) | 0.004 | 3.60E-11 | 43.845 |
| rs17094148 | G | A | (0.030) | 0.002 | 2.60E-36 | 158.320 |
| rs17135209 | T | C | (0.015) | 0.003 | 2.30E-08 | 31.220 |
| rs17138744 | T | G | (0.037) | 0.003 | 2.30E-45 | 199.781 |
| rs17175830 | A | G | 0.037 | 0.003 | 3.10E-48 | 212.958 |
| rs1719271 | G | A | 0.032 | 0.003 | 7.80E-25 | 105.885 |
| rs1720607 | A | T | 0.016 | 0.002 | 2.70E-12 | 48.879 |
| rs17302005 | G | A | 0.020 | 0.003 | 7.80E-13 | 51.344 |
| rs174574 | C | A | (0.020) | 0.002 | 3.20E-20 | 84.840 |
| rs17464824 | C | A | 0.014 | 0.002 | 1.70E-10 | 40.763 |
| rs17572109 | A | G | 0.023 | 0.003 | 4.50E-20 | 84.208 |
| rs17604937 | G | T | (0.015) | 0.003 | 2.60E-08 | 31.003 |
| rs17689024 | C | G | 0.028 | 0.002 | 5.50E-34 | 147.706 |
| rs17758695 | T | C | (0.121) | 0.006 | 1.50E-82 | 370.464 |
| rs178010 | T | A | 0.019 | 0.002 | 5.80E-15 | 60.957 |
| rs17828045 | G | T | 0.012 | 0.002 | 2.60E-08 | 30.952 |
| rs1783596 | T | C | 0.019 | 0.002 | 2.10E-18 | 76.595 |
| rs17843793 | A | C | (0.029) | 0.002 | 5.00E-33 | 143.308 |
| rs1790133 | G | T | 0.030 | 0.003 | 9.40E-32 | 137.488 |
| rs1797076 | G | A | (0.017) | 0.002 | 6.90E-15 | 60.625 |
| rs1800692 | G | A | (0.027) | 0.002 | 5.30E-36 | 156.931 |
| rs1820578 | G | A | (0.015) | 0.003 | 5.20E-09 | 34.130 |
| rs1836234 | G | T | 0.013 | 0.002 | 9.40E-09 | 32.958 |
| rs183811190 | T | A | (0.045) | 0.006 | 2.00E-15 | 63.053 |
| rs184221031 | C | T | (0.031) | 0.003 | 7.80E-29 | 124.163 |
| rs191549504 | C | T | (0.098) | 0.008 | 1.60E-31 | 136.449 |
| rs1924930 | A | T | (0.017) | 0.003 | 5.50E-11 | 42.975 |
| rs1938485 | G | A | (0.022) | 0.002 | 1.40E-23 | 100.152 |
| rs1965029 | G | A | (0.015) | 0.003 | 6.80E-09 | 33.583 |
| rs1967822 | G | A | (0.091) | 0.003 | 1.00E-200 | 1276.403 |
| rs1976046 | G | A | (0.013) | 0.002 | 2.40E-09 | 35.603 |
| rs1985109 | T | G | (0.035) | 0.003 | 2.10E-37 | 163.305 |
| rs201010256 | C | A | (0.025) | 0.004 | 1.40E-12 | 50.176 |
| rs202534 | G | A | 0.017 | 0.002 | 3.80E-16 | 66.337 |
| rs2038700 | C | T | 0.019 | 0.002 | 2.80E-18 | 76.021 |
| rs2064723 | A | T | (0.018) | 0.003 | 1.30E-09 | 36.828 |
| rs2077218 | A | G | 0.022 | 0.003 | 1.60E-18 | 77.109 |
| rs2084312 | T | C | 0.025 | 0.003 | 1.50E-21 | 90.858 |
| rs2089979 | G | A | (0.031) | 0.002 | 7.00E-48 | 211.344 |

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|------------|---|---|---------|-------|----------|---------|
| rs2109960 | G | A | (0.017) | 0.003 | 5.00E-09 | 34.205 |
| rs2117205 | A | G | (0.021) | 0.002 | 2.90E-22 | 94.149 |
| rs214054 | G | A | (0.027) | 0.002 | 7.20E-37 | 160.886 |
| rs2152240 | G | T | 0.013 | 0.002 | 5.80E-10 | 38.380 |
| rs2174954 | A | G | 0.014 | 0.002 | 3.40E-11 | 43.927 |
| rs218265 | C | T | 0.025 | 0.003 | 6.80E-17 | 69.718 |
| rs2229357 | A | G | (0.019) | 0.002 | 2.90E-14 | 57.785 |
| rs224082 | T | C | (0.019) | 0.002 | 3.20E-18 | 75.745 |
| rs2243103 | G | C | 0.056 | 0.004 | 8.60E-44 | 192.606 |
| rs2249250 | T | G | (0.015) | 0.002 | 2.60E-11 | 44.485 |
| rs2273215 | A | G | (0.018) | 0.002 | 1.20E-16 | 68.563 |
| rs2283228 | C | A | 0.026 | 0.004 | 2.60E-10 | 39.969 |
| rs2290395 | G | T | (0.026) | 0.004 | 3.10E-12 | 48.632 |
| rs2312304 | T | C | (0.018) | 0.002 | 1.50E-15 | 63.628 |
| rs231353 | G | A | (0.024) | 0.002 | 3.70E-27 | 116.494 |
| rs2321536 | T | C | 0.018 | 0.002 | 8.70E-16 | 64.715 |
| rs2353701 | C | T | 0.015 | 0.002 | 3.00E-12 | 48.665 |
| rs2403070 | C | T | 0.035 | 0.002 | 2.90E-51 | 226.854 |
| rs2407778 | C | T | 0.012 | 0.002 | 1.30E-08 | 32.382 |
| rs2417966 | G | C | 0.017 | 0.002 | 4.70E-12 | 47.812 |
| rs2431726 | A | G | (0.028) | 0.005 | 7.30E-09 | 33.455 |
| rs2438150 | T | C | 0.024 | 0.002 | 1.70E-28 | 122.634 |
| rs247826 | T | C | 0.019 | 0.003 | 7.50E-14 | 55.930 |
| rs2489151 | A | G | (0.017) | 0.002 | 2.00E-13 | 53.982 |
| rs2503704 | C | T | (0.018) | 0.002 | 3.20E-16 | 66.661 |
| rs2546965 | C | G | (0.024) | 0.002 | 3.30E-26 | 112.143 |
| rs26056 | C | A | 0.014 | 0.002 | 1.20E-10 | 41.482 |
| rs2613522 | G | A | (0.022) | 0.002 | 1.50E-19 | 81.745 |
| rs2694653 | C | T | 0.013 | 0.002 | 9.00E-09 | 33.056 |
| rs2700936 | G | T | 0.016 | 0.002 | 1.90E-14 | 58.664 |
| rs273508 | G | A | (0.012) | 0.002 | 1.80E-08 | 31.660 |
| rs2823025 | G | A | 0.028 | 0.004 | 4.60E-14 | 56.900 |
| rs2834319 | C | T | 0.024 | 0.003 | 1.80E-16 | 67.800 |
| rs2836427 | A | G | 0.051 | 0.003 | 2.00E-59 | 264.286 |
| rs28490018 | T | C | (0.021) | 0.003 | 1.20E-11 | 45.950 |
| rs28505677 | G | C | (0.040) | 0.003 | 5.80E-56 | 248.387 |
| rs28526780 | C | T | (0.015) | 0.002 | 7.00E-12 | 47.031 |
| rs28622913 | A | G | (0.022) | 0.002 | 5.10E-23 | 97.592 |
| rs28760466 | G | A | 0.013 | 0.002 | 7.00E-10 | 38.011 |
| rs28833829 | C | G | (0.017) | 0.002 | 1.50E-11 | 45.497 |
| rs28904873 | G | A | (0.021) | 0.003 | 5.60E-10 | 38.463 |
| rs2915607 | C | T | 0.031 | 0.002 | 6.80E-37 | 160.998 |
| rs2999157 | A | G | (0.021) | 0.002 | 1.60E-23 | 99.845 |
| rs3016775 | G | A | (0.018) | 0.002 | 8.80E-13 | 51.088 |
| rs303968 | C | T | (0.023) | 0.002 | 2.10E-26 | 113.044 |
| rs310233 | G | A | (0.016) | 0.003 | 5.50E-10 | 38.485 |
| rs3134617 | C | A | 0.017 | 0.002 | 6.80E-12 | 47.080 |
| rs34544325 | G | A | 0.020 | 0.002 | 4.80E-21 | 88.594 |
| rs34654942 | A | T | (0.018) | 0.003 | 1.30E-12 | 50.350 |
| rs34866937 | A | G | 0.019 | 0.002 | 2.50E-17 | 71.728 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs35069969 | C | G | 0.014 | 0.002 | 1.60E-10 | 40.885 |
| rs35150201 | G | T | (0.030) | 0.002 | 1.50E-44 | 196.088 |
| rs35176054 | A | T | 0.019 | 0.003 | 4.50E-09 | 34.414 |
| rs35355140 | A | C | (0.032) | 0.004 | 3.50E-14 | 57.419 |
| rs35399547 | C | A | (0.025) | 0.003 | 1.30E-16 | 68.486 |
| rs35981402 | T | C | 0.052 | 0.006 | 6.40E-16 | 65.307 |
| rs360142 | A | G | (0.020) | 0.004 | 9.10E-09 | 33.026 |
| rs3731211 | A | T | 0.051 | 0.002 | 1.20E-103 | 467.405 |
| rs3738487 | T | C | 0.022 | 0.002 | 1.40E-25 | 109.239 |
| rs374039502 | A | T | (0.068) | 0.008 | 9.80E-18 | 73.547 |
| rs3743896 | T | C | 0.041 | 0.004 | 5.20E-25 | 106.686 |
| rs375314312 | T | G | (0.014) | 0.002 | 1.10E-10 | 41.677 |
| rs3759217 | T | C | (0.026) | 0.003 | 8.10E-16 | 64.835 |
| rs3786877 | C | T | 0.016 | 0.002 | 2.00E-14 | 58.488 |
| rs3795503 | T | C | (0.014) | 0.002 | 2.10E-10 | 40.344 |
| rs3804749 | T | C | (0.019) | 0.002 | 3.50E-18 | 75.562 |
| rs3807135 | C | T | (0.017) | 0.002 | 5.80E-15 | 60.975 |
| rs3808937 | T | C | 0.024 | 0.003 | 1.50E-19 | 81.803 |
| rs3809272 | A | G | (0.097) | 0.002 | 1.00E-200 | 1770.168 |
| rs381500 | A | C | 0.040 | 0.002 | 2.00E-80 | 360.656 |
| rs3816257 | C | A | (0.017) | 0.002 | 1.10E-15 | 64.208 |
| rs3827554 | C | A | 0.013 | 0.002 | 7.50E-09 | 33.391 |
| rs3912392 | A | G | (0.015) | 0.002 | 1.20E-12 | 50.468 |
| rs3956381 | A | C | 0.017 | 0.002 | 3.70E-15 | 61.871 |
| rs4003412 | G | A | 0.027 | 0.002 | 1.90E-36 | 158.963 |
| rs404876 | G | A | 0.063 | 0.003 | 4.60E-134 | 607.165 |
| rs4121508 | A | G | 0.016 | 0.002 | 5.50E-12 | 47.497 |
| rs41297163 | G | A | 0.022 | 0.003 | 2.50E-10 | 40.061 |
| rs4147915 | A | C | (0.022) | 0.003 | 1.30E-12 | 50.373 |
| rs4148445 | T | C | 0.076 | 0.004 | 9.90E-88 | 394.227 |
| rs415064 | C | G | (0.170) | 0.005 | 1.00E-200 | 1169.474 |
| rs42039 | T | C | (0.016) | 0.002 | 8.70E-11 | 42.098 |
| rs4284303 | C | T | (0.026) | 0.002 | 1.20E-27 | 118.716 |
| rs4286082 | T | C | (0.015) | 0.002 | 3.10E-10 | 39.586 |
| rs4296389 | T | C | 0.014 | 0.002 | 4.40E-09 | 34.446 |
| rs4377525 | C | A | (0.022) | 0.002 | 8.10E-19 | 78.468 |
| rs4388979 | T | G | (0.052) | 0.002 | 2.60E-127 | 576.112 |
| rs4441076 | T | C | (0.012) | 0.002 | 8.40E-09 | 33.173 |
| rs4506581 | G | A | 0.013 | 0.002 | 7.50E-09 | 33.413 |
| rs4520576 | A | G | 0.014 | 0.002 | 5.60E-11 | 42.959 |
| rs4535826 | G | A | 0.016 | 0.003 | 9.30E-10 | 37.462 |
| rs458699 | A | T | 0.022 | 0.002 | 3.50E-19 | 80.150 |
| rs4588 | T | G | (0.016) | 0.002 | 4.50E-12 | 47.913 |
| rs458857 | A | C | 0.013 | 0.002 | 1.80E-09 | 36.192 |
| rs4602501 | C | A | (0.014) | 0.003 | 2.10E-08 | 31.355 |
| rs4630833 | C | T | (0.080) | 0.002 | 1.00E-200 | 1094.480 |
| rs465983 | G | A | 0.014 | 0.002 | 6.30E-09 | 33.747 |
| rs4669879 | C | A | 0.021 | 0.002 | 1.40E-22 | 95.587 |
| rs4672564 | C | A | (0.012) | 0.002 | 2.50E-08 | 31.096 |
| rs4683724 | G | A | (0.013) | 0.002 | 1.40E-09 | 36.630 |

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|-------------|---|---|---------|-------|-----------|---------|
| rs4686388 | A | G | (0.016) | 0.002 | 2.80E-13 | 53.333 |
| rs4704826 | A | C | (0.018) | 0.002 | 4.70E-17 | 70.443 |
| rs4715332 | A | C | (0.026) | 0.002 | 4.80E-33 | 143.421 |
| rs4727976 | G | A | 0.063 | 0.004 | 2.30E-58 | 259.396 |
| rs4731601 | G | A | (0.023) | 0.004 | 8.00E-09 | 33.285 |
| rs4782451 | C | A | (0.014) | 0.002 | 1.10E-11 | 46.066 |
| rs4783994 | A | G | (0.016) | 0.002 | 7.50E-12 | 46.900 |
| rs4806469 | A | G | (0.026) | 0.003 | 3.60E-21 | 89.184 |
| rs4846082 | T | C | (0.048) | 0.002 | 3.40E-113 | 511.220 |
| rs4846914 | A | G | 0.023 | 0.002 | 4.30E-26 | 111.638 |
| rs4902750 | A | G | (0.020) | 0.003 | 8.30E-12 | 46.684 |
| rs4910442 | C | T | (0.022) | 0.002 | 1.90E-25 | 108.692 |
| rs4913405 | A | G | 0.022 | 0.002 | 2.30E-18 | 76.450 |
| rs4915153 | C | T | 0.018 | 0.003 | 1.40E-09 | 36.702 |
| rs4924839 | G | A | 0.014 | 0.002 | 2.90E-10 | 39.772 |
| rs4930028 | C | A | (0.014) | 0.002 | 1.20E-09 | 36.901 |
| rs4936043 | C | G | (0.021) | 0.002 | 1.10E-21 | 91.570 |
| rs4947490 | G | A | 0.021 | 0.002 | 1.20E-19 | 82.217 |
| rs4961348 | T | C | (0.024) | 0.002 | 6.70E-25 | 106.186 |
| rs4965426 | A | G | (0.038) | 0.003 | 1.90E-36 | 158.956 |
| rs4973769 | C | T | (0.023) | 0.002 | 2.00E-22 | 94.897 |
| rs4978874 | C | T | (0.014) | 0.002 | 5.30E-11 | 43.064 |
| rs5130 | T | C | 0.026 | 0.003 | 5.30E-17 | 70.226 |
| rs525092 | G | T | (0.016) | 0.002 | 6.80E-13 | 51.596 |
| rs544400026 | A | G | (0.083) | 0.010 | 5.00E-16 | 65.811 |
| rs55657233 | T | A | 0.015 | 0.003 | 6.00E-09 | 33.842 |
| rs55664157 | A | T | (0.038) | 0.003 | 2.90E-31 | 135.248 |
| rs55708816 | A | G | 0.035 | 0.003 | 3.00E-23 | 98.679 |
| rs55794721 | A | G | (0.044) | 0.002 | 5.00E-92 | 413.988 |
| rs55879786 | A | G | (0.018) | 0.003 | 6.80E-11 | 42.565 |
| rs55881168 | G | T | (0.024) | 0.003 | 2.90E-20 | 85.023 |
| rs55921103 | T | G | (0.017) | 0.002 | 1.20E-14 | 59.547 |
| rs559355 | T | A | (0.017) | 0.003 | 7.30E-09 | 33.456 |
| rs55966801 | C | T | 0.042 | 0.003 | 4.40E-61 | 271.872 |
| rs56043070 | A | G | (0.092) | 0.004 | 3.80E-111 | 501.845 |
| rs56204645 | C | T | (0.016) | 0.003 | 2.40E-10 | 40.097 |
| rs56373295 | A | C | (0.037) | 0.002 | 7.20E-52 | 229.623 |
| rs568971993 | A | G | (0.036) | 0.005 | 4.50E-12 | 47.905 |
| rs56912706 | G | A | 0.014 | 0.002 | 1.60E-10 | 40.850 |
| rs57088429 | A | G | 0.078 | 0.003 | 1.00E-200 | 914.284 |
| rs57201028 | T | C | (0.073) | 0.004 | 5.30E-74 | 331.188 |
| rs5745576 | G | C | 0.082 | 0.007 | 1.60E-31 | 136.426 |
| rs5745687 | T | C | 0.025 | 0.004 | 8.40E-09 | 33.174 |
| rs5763079 | C | A | (0.020) | 0.002 | 1.90E-21 | 90.400 |
| rs58434384 | G | A | 0.068 | 0.004 | 3.30E-71 | 318.345 |
| rs59934550 | C | T | (0.013) | 0.002 | 2.40E-09 | 35.629 |
| rs6005843 | C | T | 0.030 | 0.005 | 2.70E-09 | 35.387 |
| rs60232238 | C | G | (0.018) | 0.003 | 4.20E-13 | 52.570 |
| rs60246644 | T | A | 0.048 | 0.006 | 6.20E-14 | 56.302 |
| rs6044052 | G | T | 0.016 | 0.002 | 2.20E-12 | 49.342 |

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|------------|---|---|---------|-------|-----------|---------|
| rs6060976 | A | G | (0.040) | 0.002 | 6.00E-65 | 289.621 |
| rs6066390 | T | C | 0.014 | 0.003 | 1.30E-08 | 32.304 |
| rs6103669 | A | G | (0.017) | 0.002 | 2.30E-12 | 49.181 |
| rs6142109 | G | A | (0.013) | 0.002 | 4.50E-08 | 29.912 |
| rs61596100 | A | G | (0.019) | 0.002 | 1.40E-17 | 72.781 |
| rs61709988 | C | T | (0.022) | 0.002 | 1.80E-22 | 95.085 |
| rs61750929 | T | C | (0.095) | 0.005 | 1.30E-93 | 421.233 |
| rs61897432 | G | A | 0.037 | 0.003 | 3.20E-35 | 153.336 |
| rs61986597 | C | T | (0.017) | 0.002 | 9.00E-14 | 55.567 |
| rs62002318 | G | A | 0.014 | 0.002 | 7.80E-11 | 42.305 |
| rs62160676 | C | T | 0.033 | 0.002 | 2.00E-45 | 200.130 |
| rs62217799 | T | G | 0.021 | 0.002 | 5.20E-21 | 88.469 |
| rs62340877 | A | G | (0.023) | 0.003 | 1.30E-17 | 73.066 |
| rs62491369 | T | G | (0.025) | 0.003 | 1.10E-16 | 68.739 |
| rs62503282 | T | C | (0.025) | 0.003 | 3.70E-16 | 66.383 |
| rs6469890 | T | C | 0.014 | 0.002 | 5.70E-11 | 42.930 |
| rs6533483 | A | G | (0.030) | 0.002 | 2.60E-43 | 190.404 |
| rs6546096 | G | A | 0.015 | 0.002 | 2.10E-10 | 40.373 |
| rs6546909 | T | A | 0.022 | 0.003 | 1.60E-13 | 54.487 |
| rs655029 | A | G | 0.033 | 0.002 | 1.50E-45 | 200.622 |
| rs6585256 | C | A | (0.015) | 0.002 | 2.80E-10 | 39.834 |
| rs6591177 | A | T | 0.022 | 0.003 | 1.00E-15 | 64.351 |
| rs6592965 | A | G | 0.022 | 0.002 | 2.90E-24 | 103.282 |
| rs6593513 | C | T | (0.016) | 0.002 | 7.80E-13 | 51.327 |
| rs661403 | G | A | (0.023) | 0.002 | 2.20E-24 | 103.831 |
| rs6664992 | G | A | 0.013 | 0.002 | 2.00E-09 | 36.021 |
| rs6685530 | T | C | (0.014) | 0.002 | 5.80E-09 | 33.898 |
| rs669556 | T | C | 0.015 | 0.003 | 4.90E-08 | 29.774 |
| rs6696074 | T | C | 0.018 | 0.002 | 5.30E-17 | 70.204 |
| rs6699095 | C | T | 0.014 | 0.002 | 5.00E-11 | 43.161 |
| rs6706095 | G | T | 0.021 | 0.002 | 1.10E-16 | 68.795 |
| rs67224956 | C | T | 0.018 | 0.003 | 1.30E-10 | 41.357 |
| rs6734238 | G | A | 0.014 | 0.002 | 2.90E-11 | 44.229 |
| rs6742904 | G | T | 0.016 | 0.002 | 1.10E-12 | 50.632 |
| rs6786088 | C | T | (0.025) | 0.002 | 7.90E-28 | 119.551 |
| rs68116612 | A | G | 0.032 | 0.003 | 1.30E-33 | 145.977 |
| rs6815294 | A | G | 0.030 | 0.002 | 6.20E-45 | 197.822 |
| rs6845648 | T | C | 0.024 | 0.002 | 2.20E-29 | 126.656 |
| rs6862111 | C | G | (0.018) | 0.002 | 2.30E-14 | 58.231 |
| rs6883116 | C | T | (0.014) | 0.002 | 6.50E-11 | 42.678 |
| rs6883827 | G | A | 0.037 | 0.002 | 1.30E-64 | 288.122 |
| rs6993770 | T | A | (0.056) | 0.002 | 7.69E-125 | 564.775 |
| rs6997505 | A | C | (0.017) | 0.003 | 1.40E-08 | 32.133 |
| rs7040705 | A | G | (0.014) | 0.002 | 1.30E-10 | 41.253 |
| rs706819 | C | T | 0.022 | 0.002 | 1.20E-19 | 82.253 |
| rs7080386 | A | C | 0.020 | 0.002 | 2.00E-20 | 85.768 |
| rs7104210 | G | T | 0.066 | 0.002 | 1.60E-170 | 774.843 |
| rs7146395 | C | A | (0.015) | 0.002 | 6.60E-11 | 42.634 |
| rs715 | C | T | (0.017) | 0.002 | 7.10E-14 | 56.044 |
| rs7204146 | G | A | 0.024 | 0.003 | 3.90E-17 | 70.837 |

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|------------|---|---|---------|-------|-----------|---------|
| rs7213347 | C | G | (0.042) | 0.002 | 3.40E-75 | 336.677 |
| rs7244202 | C | T | (0.032) | 0.002 | 1.00E-49 | 219.747 |
| rs7252328 | G | A | 0.019 | 0.003 | 4.50E-10 | 38.899 |
| rs72806507 | A | G | (0.022) | 0.004 | 9.40E-09 | 32.960 |
| rs72917226 | A | G | 0.027 | 0.004 | 4.60E-10 | 38.857 |
| rs72952310 | T | G | (0.062) | 0.006 | 1.80E-24 | 104.286 |
| rs73167967 | G | T | 0.066 | 0.004 | 2.90E-58 | 258.954 |
| rs73168819 | A | G | 0.016 | 0.002 | 1.10E-13 | 55.259 |
| rs73202036 | G | A | (0.015) | 0.003 | 5.80E-09 | 33.892 |
| rs73307474 | G | T | 0.029 | 0.004 | 4.00E-12 | 48.131 |
| rs73884852 | G | A | (0.025) | 0.004 | 2.80E-09 | 35.351 |
| rs73928486 | A | G | 0.027 | 0.003 | 4.90E-24 | 102.230 |
| rs7413585 | C | T | (0.018) | 0.002 | 3.90E-17 | 70.826 |
| rs74528993 | A | G | 0.024 | 0.004 | 4.00E-08 | 30.147 |
| rs7500731 | A | G | (0.012) | 0.002 | 3.50E-08 | 30.385 |
| rs75107793 | A | G | 0.115 | 0.004 | 1.00E-170 | 775.708 |
| rs75139539 | T | C | 0.052 | 0.006 | 1.20E-18 | 77.765 |
| rs7516366 | C | T | 0.015 | 0.002 | 6.70E-11 | 42.606 |
| rs754388 | C | G | 0.029 | 0.003 | 4.60E-26 | 111.479 |
| rs75612655 | T | C | 0.143 | 0.012 | 3.30E-34 | 148.735 |
| rs7634359 | C | T | (0.015) | 0.002 | 3.70E-12 | 48.273 |
| rs7655560 | A | G | (0.038) | 0.005 | 5.10E-15 | 61.210 |
| rs7671752 | T | C | (0.013) | 0.002 | 1.30E-09 | 36.769 |
| rs76840964 | G | A | (0.033) | 0.003 | 4.70E-24 | 102.341 |
| rs7686818 | G | A | 0.016 | 0.003 | 7.70E-09 | 33.344 |
| rs7705526 | A | C | 0.059 | 0.002 | 3.60E-148 | 672.051 |
| rs7730720 | G | T | 0.014 | 0.002 | 2.00E-11 | 44.988 |
| rs77338166 | G | A | (0.025) | 0.004 | 1.00E-08 | 32.839 |
| rs77427278 | C | T | 0.055 | 0.008 | 8.50E-11 | 42.148 |
| rs7765042 | T | C | 0.014 | 0.002 | 3.90E-10 | 39.169 |
| rs7779873 | A | G | 0.015 | 0.002 | 9.30E-12 | 46.470 |
| rs7789916 | A | G | (0.017) | 0.002 | 8.40E-14 | 55.716 |
| rs77962418 | A | C | 0.142 | 0.007 | 9.50E-88 | 394.327 |
| rs7803075 | G | A | (0.033) | 0.002 | 2.60E-41 | 181.271 |
| rs78261031 | A | G | (0.029) | 0.004 | 9.50E-11 | 41.922 |
| rs7833924 | G | A | 0.031 | 0.002 | 3.00E-47 | 208.431 |
| rs7843131 | T | C | 0.013 | 0.002 | 3.00E-08 | 30.709 |
| rs7855088 | T | C | 0.022 | 0.002 | 6.80E-26 | 110.724 |
| rs78565404 | T | C | 0.150 | 0.005 | 1.00E-200 | 986.490 |
| rs78584627 | T | G | (0.033) | 0.005 | 4.40E-12 | 47.917 |
| rs7865719 | G | A | (0.042) | 0.002 | 2.70E-89 | 401.389 |
| rs78744187 | T | C | (0.037) | 0.004 | 5.50E-22 | 92.882 |
| rs78909033 | A | G | (0.026) | 0.003 | 1.50E-16 | 68.203 |
| rs79010100 | C | T | 0.056 | 0.003 | 1.30E-70 | 315.685 |
| rs79287178 | A | G | 0.062 | 0.006 | 3.30E-22 | 93.906 |
| rs79716074 | G | A | 0.014 | 0.002 | 2.00E-10 | 40.447 |
| rs79755767 | A | G | 0.068 | 0.004 | 1.70E-82 | 370.145 |
| rs7989654 | A | G | 0.016 | 0.002 | 1.20E-12 | 50.447 |
| rs8012145 | T | C | 0.013 | 0.002 | 4.10E-08 | 30.118 |
| rs8037902 | T | C | (0.016) | 0.002 | 8.50E-13 | 51.165 |

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| rs804327 | C | T | 0.012 | 0.002 | 4.60E-08 | 29.872 |
| rs8052629 | G | A | (0.017) | 0.002 | 8.40E-16 | 64.779 |
| rs8065615 | C | T | (0.021) | 0.002 | 3.10E-19 | 80.378 |
| rs8066620 | T | C | (0.018) | 0.002 | 1.40E-15 | 63.825 |
| rs8069999 | A | G | (0.022) | 0.003 | 7.10E-17 | 69.635 |
| rs8072157 | A | T | (0.017) | 0.003 | 9.10E-11 | 42.009 |
| rs8093990 | C | A | 0.020 | 0.002 | 2.90E-20 | 85.052 |
| rs8098454 | T | C | 0.027 | 0.004 | 7.20E-13 | 51.498 |
| rs8107139 | C | T | (0.021) | 0.002 | 5.60E-21 | 88.305 |
| rs8176746 | T | G | (0.050) | 0.004 | 3.20E-30 | 130.481 |
| rs8178824 | T | C | 0.122 | 0.006 | 2.80E-85 | 382.943 |
| rs833058 | T | C | 0.016 | 0.002 | 1.00E-12 | 50.826 |
| rs855791 | G | A | (0.027) | 0.002 | 5.30E-37 | 161.493 |
| rs865483 | C | A | (0.022) | 0.002 | 1.30E-22 | 95.690 |
| rs873093 | C | T | 0.020 | 0.002 | 2.10E-19 | 81.142 |
| rs901481 | G | T | 0.014 | 0.002 | 2.50E-10 | 40.016 |
| rs928391 | C | T | (0.024) | 0.002 | 8.90E-24 | 101.067 |
| rs9384844 | T | C | (0.012) | 0.002 | 6.00E-09 | 33.820 |
| rs9386793 | A | C | 0.021 | 0.002 | 3.30E-23 | 98.446 |
| rs9394220 | G | T | 0.017 | 0.003 | 9.20E-11 | 41.976 |
| rs9399141 | C | T | (0.066) | 0.002 | 8.49E-157 | 711.718 |
| rs941407 | G | A | 0.018 | 0.002 | 1.00E-14 | 59.814 |
| rs9429767 | A | G | 0.020 | 0.003 | 4.10E-14 | 57.111 |
| rs947001 | G | A | (0.017) | 0.002 | 2.70E-13 | 53.425 |
| rs9472113 | C | A | (0.015) | 0.002 | 1.80E-09 | 36.212 |
| rs9555695 | T | C | (0.019) | 0.002 | 2.80E-18 | 76.020 |
| rs9635249 | G | A | 0.034 | 0.003 | 2.20E-39 | 172.384 |
| rs9636888 | T | C | 0.023 | 0.002 | 8.40E-24 | 101.190 |
| rs9661787 | G | C | 0.017 | 0.003 | 5.60E-10 | 38.440 |
| rs9730749 | G | A | 0.016 | 0.002 | 5.00E-11 | 43.185 |
| rs9793310 | C | T | 0.018 | 0.002 | 2.40E-17 | 71.801 |
| rs9809116 | G | A | 0.017 | 0.002 | 1.20E-14 | 59.615 |
| rs9904395 | G | A | (0.087) | 0.005 | 3.70E-57 | 253.885 |
| rs9926463 | C | A | (0.021) | 0.002 | 1.90E-18 | 76.785 |
| rs9983374 | T | C | 0.022 | 0.002 | 1.10E-19 | 82.397 |
| rs1002707 | T | C | (0.028) | 0.002 | 4.20E-30 | 129.947 |
| rs10048745 | A | G | 0.032 | 0.002 | 3.20E-39 | 171.689 |
| rs10064543 | A | G | 0.018 | 0.002 | 2.60E-15 | 62.553 |
| rs10112386 | C | T | (0.016) | 0.003 | 9.90E-09 | 32.859 |
| rs10174 | G | A | (0.018) | 0.002 | 1.40E-16 | 68.319 |
| rs10180658 | T | C | 0.024 | 0.002 | 2.10E-28 | 122.161 |
| rs10188795 | T | G | 0.028 | 0.005 | 4.20E-09 | 34.542 |
| rs10240931 | C | G | (0.029) | 0.003 | 5.40E-18 | 74.747 |
| rs1033686 | A | G | (0.038) | 0.003 | 1.30E-37 | 164.353 |
| rs1034491 | A | G | (0.020) | 0.003 | 5.80E-14 | 56.423 |
| rs1034564 | T | C | 0.025 | 0.002 | 5.90E-27 | 115.565 |
| rs10400322 | T | C | (0.013) | 0.002 | 2.80E-09 | 35.326 |
| rs10447226 | T | G | (0.016) | 0.002 | 5.20E-12 | 47.618 |
| rs10456113 | G | T | 0.027 | 0.003 | 6.00E-18 | 74.508 |
| rs1048155 | G | C | (0.013) | 0.002 | 4.50E-09 | 34.389 |

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| rs10505545 | T | C | 0.018 | 0.002 | 7.30E-17 | 69.578 |
| rs10510412 | A | G | 0.022 | 0.002 | 1.10E-18 | 77.946 |
| rs10512472 | C | T | 0.042 | 0.003 | 1.10E-50 | 224.169 |
| rs1074958 | T | C | (0.029) | 0.004 | 1.50E-15 | 63.606 |
| rs1079227 | G | C | (0.027) | 0.002 | 8.30E-28 | 119.461 |
| rs10818963 | A | T | (0.021) | 0.002 | 5.90E-21 | 88.201 |
| rs10849819 | T | C | (0.019) | 0.002 | 1.30E-17 | 72.986 |
| rs10864368 | C | T | 0.034 | 0.002 | 6.60E-58 | 257.303 |
| rs10875730 | T | A | 0.018 | 0.003 | 1.60E-12 | 49.901 |
| rs10882179 | T | C | (0.013) | 0.002 | 5.40E-10 | 38.545 |
| rs10888263 | G | T | (0.014) | 0.002 | 4.10E-11 | 43.569 |
| rs10893871 | C | T | (0.026) | 0.002 | 2.50E-30 | 130.978 |
| rs10940072 | A | G | (0.015) | 0.002 | 1.40E-11 | 45.615 |
| rs10940474 | T | C | (0.015) | 0.002 | 6.90E-12 | 47.049 |
| rs10974874 | T | A | 0.032 | 0.003 | 1.90E-30 | 131.513 |
| rs10992746 | C | T | (0.013) | 0.002 | 6.60E-09 | 33.662 |
| rs1105314 | G | A | 0.015 | 0.002 | 1.90E-11 | 45.026 |
| rs11064156 | C | T | (0.018) | 0.002 | 3.30E-17 | 71.130 |
| rs11076515 | A | G | 0.018 | 0.002 | 1.80E-13 | 54.170 |
| rs11082304 | T | G | (0.033) | 0.002 | 3.50E-55 | 244.792 |
| rs11107039 | A | G | 0.024 | 0.003 | 4.80E-17 | 70.419 |
| rs11126249 | G | T | (0.016) | 0.003 | 2.40E-09 | 35.612 |
| rs11168249 | C | T | 0.026 | 0.002 | 4.70E-35 | 152.591 |
| rs111938639 | C | T | 0.017 | 0.003 | 1.20E-08 | 32.432 |
| rs11225024 | T | A | 0.027 | 0.004 | 3.90E-12 | 48.176 |
| rs112326923 | C | T | 0.085 | 0.009 | 4.00E-22 | 93.517 |
| rs11240572 | A | C | 0.037 | 0.006 | 9.50E-09 | 32.939 |
| rs112423577 | T | C | 0.040 | 0.007 | 5.80E-09 | 33.893 |
| rs112969588 | C | T | (0.037) | 0.004 | 2.40E-23 | 99.082 |
| rs113542380 | A | G | (0.070) | 0.004 | 3.00E-67 | 300.201 |
| rs114694170 | C | T | 0.090 | 0.005 | 4.70E-87 | 391.111 |
| rs11504523 | G | A | 0.034 | 0.004 | 5.00E-16 | 65.813 |
| rs115446347 | C | T | 0.080 | 0.004 | 2.00E-70 | 314.717 |
| rs11553699 | G | A | 0.118 | 0.003 | 1.00E-200 | 1273.999 |
| rs115566353 | A | G | (0.065) | 0.011 | 2.90E-09 | 35.233 |
| rs116052829 | T | C | 0.031 | 0.003 | 7.80E-19 | 78.539 |
| rs11615482 | A | C | 0.021 | 0.003 | 1.90E-15 | 63.117 |
| rs11655709 | C | T | 0.028 | 0.003 | 3.80E-16 | 66.346 |
| rs11676298 | G | C | 0.038 | 0.003 | 1.30E-44 | 196.312 |
| rs11679328 | T | C | 0.029 | 0.004 | 3.00E-11 | 44.207 |
| rs11715288 | C | T | 0.027 | 0.002 | 1.80E-36 | 159.036 |
| rs11745324 | A | G | 0.017 | 0.003 | 5.60E-11 | 42.951 |
| rs11757155 | T | C | (0.015) | 0.002 | 5.40E-12 | 47.525 |
| rs117857686 | T | C | 0.118 | 0.008 | 1.30E-55 | 246.836 |
| rs11794772 | A | G | 0.034 | 0.002 | 1.30E-45 | 200.921 |
| rs11818463 | C | G | (0.029) | 0.002 | 2.30E-38 | 167.784 |
| rs11841319 | T | C | (0.059) | 0.004 | 8.20E-64 | 284.425 |
| rs1185670 | T | C | (0.022) | 0.003 | 2.60E-18 | 76.205 |
| rs11876150 | C | T | (0.037) | 0.005 | 9.60E-15 | 59.977 |
| rs12050628 | A | G | 0.015 | 0.002 | 6.70E-10 | 38.116 |

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|-------------|---|---|---------|-------|-----------|---------|
| rs12052715 | G | C | (0.052) | 0.002 | 4.80E-108 | 487.571 |
| rs12155039 | A | C | (0.050) | 0.002 | 2.30E-120 | 544.171 |
| rs12220411 | A | G | 0.016 | 0.003 | 1.90E-09 | 36.055 |
| rs12223381 | T | C | 0.031 | 0.002 | 8.50E-48 | 210.963 |
| rs12223916 | G | C | (0.039) | 0.004 | 5.70E-28 | 120.210 |
| rs12371562 | T | C | 0.028 | 0.005 | 5.10E-09 | 34.137 |
| rs12376511 | C | T | (0.056) | 0.003 | 1.20E-85 | 384.597 |
| rs12448829 | A | G | 0.022 | 0.002 | 1.90E-23 | 99.611 |
| rs12484795 | C | A | (0.024) | 0.003 | 9.70E-17 | 69.028 |
| rs12491937 | G | A | (0.042) | 0.002 | 7.70E-87 | 390.135 |
| rs12523094 | C | T | 0.018 | 0.002 | 9.10E-17 | 69.150 |
| rs12536349 | A | G | 0.027 | 0.004 | 3.60E-10 | 39.304 |
| rs12564806 | T | C | (0.034) | 0.002 | 1.50E-41 | 182.344 |
| rs12565181 | A | G | 0.019 | 0.003 | 2.60E-09 | 35.435 |
| rs12574844 | A | G | (0.026) | 0.004 | 8.70E-10 | 37.594 |
| rs1260326 | C | T | (0.038) | 0.002 | 2.20E-67 | 300.763 |
| rs12635205 | G | A | 0.022 | 0.002 | 3.90E-24 | 102.705 |
| rs12668458 | C | T | (0.012) | 0.002 | 3.40E-08 | 30.473 |
| rs12680058 | T | C | (0.017) | 0.003 | 2.30E-09 | 35.698 |
| rs12712068 | G | A | 0.023 | 0.002 | 3.80E-25 | 107.334 |
| rs12721051 | G | C | (0.034) | 0.003 | 8.30E-37 | 160.605 |
| rs12885460 | C | T | (0.015) | 0.002 | 4.00E-12 | 48.101 |
| rs12889267 | G | A | 0.021 | 0.003 | 4.30E-13 | 52.510 |
| rs12898998 | A | C | 0.012 | 0.002 | 8.30E-09 | 33.204 |
| rs12910114 | T | C | 0.020 | 0.002 | 1.70E-17 | 72.502 |
| rs1297257 | G | A | (0.023) | 0.002 | 5.20E-26 | 111.271 |
| rs12977252 | G | A | 0.024 | 0.004 | 2.30E-10 | 40.170 |
| rs13084317 | A | G | 0.017 | 0.002 | 7.30E-14 | 55.995 |
| rs13118519 | T | C | (0.023) | 0.002 | 3.40E-26 | 112.094 |
| rs13224082 | T | A | (0.023) | 0.002 | 1.30E-20 | 86.715 |
| rs13260832 | G | A | 0.019 | 0.003 | 1.10E-12 | 50.634 |
| rs13274496 | A | G | 0.024 | 0.003 | 1.90E-21 | 90.421 |
| rs1334577 | A | G | (0.021) | 0.002 | 7.70E-17 | 69.496 |
| rs1354034 | C | T | 0.025 | 0.002 | 7.30E-31 | 133.425 |
| rs1364076 | G | A | 0.021 | 0.002 | 1.10E-19 | 82.462 |
| rs138901672 | A | G | (0.054) | 0.006 | 1.40E-18 | 77.381 |
| rs139963228 | A | G | 0.045 | 0.008 | 3.60E-08 | 30.329 |
| rs139974673 | C | T | 0.123 | 0.007 | 3.10E-74 | 332.240 |
| rs140255439 | T | C | 0.056 | 0.010 | 3.00E-08 | 30.681 |
| rs140294987 | A | T | 0.023 | 0.003 | 8.80E-13 | 51.096 |
| rs140436199 | A | G | (0.054) | 0.005 | 4.80E-32 | 138.815 |
| rs140709290 | T | A | 0.030 | 0.005 | 1.10E-09 | 37.135 |
| rs1434282 | T | C | 0.049 | 0.002 | 1.40E-96 | 434.827 |
| rs143705965 | T | C | 0.040 | 0.006 | 7.60E-10 | 37.865 |
| rs144317085 | T | A | 0.057 | 0.006 | 4.80E-22 | 93.178 |
| rs1461102 | C | T | 0.015 | 0.003 | 4.20E-08 | 30.038 |
| rs146207734 | T | A | (0.088) | 0.009 | 3.10E-22 | 94.031 |
| rs146940154 | A | G | (0.067) | 0.008 | 6.80E-19 | 78.836 |
| rs1472265 | C | T | (0.013) | 0.002 | 1.90E-09 | 36.064 |
| rs147412694 | A | G | (0.020) | 0.003 | 1.40E-11 | 45.609 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs150156796 | C | T | 0.039 | 0.006 | 2.00E-11 | 44.988 |
| rs150568286 | A | G | (0.114) | 0.010 | 3.10E-31 | 135.103 |
| rs150665764 | C | G | 0.047 | 0.008 | 1.10E-08 | 32.710 |
| rs150897705 | A | T | 0.029 | 0.005 | 1.30E-09 | 36.806 |
| rs151165225 | T | C | (0.039) | 0.002 | 3.60E-56 | 249.334 |
| rs151234 | C | G | 0.041 | 0.003 | 2.70E-38 | 167.419 |
| rs1539019 | C | A | 0.019 | 0.002 | 6.20E-18 | 74.449 |
| rs1547247 | A | G | 0.080 | 0.002 | 1.00E-200 | 1207.781 |
| rs1555405 | A | G | (0.067) | 0.002 | 2.70E-163 | 741.559 |
| rs1556739 | T | G | 0.017 | 0.003 | 7.20E-09 | 33.480 |
| rs156355 | C | T | 0.044 | 0.002 | 4.80E-91 | 409.443 |
| rs1569419 | C | T | 0.042 | 0.003 | 1.90E-61 | 273.600 |
| rs158638 | A | G | (0.012) | 0.002 | 5.80E-09 | 33.914 |
| rs160697 | G | A | 0.017 | 0.002 | 1.30E-14 | 59.377 |
| rs1642764 | T | C | (0.017) | 0.002 | 8.70E-15 | 60.174 |
| rs165177 | C | T | 0.020 | 0.002 | 2.00E-16 | 67.613 |
| rs16858720 | G | A | 0.046 | 0.003 | 2.10E-45 | 199.984 |
| rs16928078 | T | C | (0.019) | 0.003 | 3.40E-08 | 30.460 |
| rs1702840 | T | C | (0.029) | 0.004 | 3.60E-11 | 43.845 |
| rs17094148 | G | A | (0.030) | 0.002 | 2.60E-36 | 158.320 |
| rs17135209 | T | C | (0.015) | 0.003 | 2.30E-08 | 31.220 |
| rs17138744 | T | G | (0.037) | 0.003 | 2.30E-45 | 199.781 |
| rs17175830 | A | G | 0.037 | 0.003 | 3.10E-48 | 212.958 |
| rs1719271 | G | A | 0.032 | 0.003 | 7.80E-25 | 105.885 |
| rs1720607 | A | T | 0.016 | 0.002 | 2.70E-12 | 48.879 |
| rs17302005 | G | A | 0.020 | 0.003 | 7.80E-13 | 51.344 |
| rs174574 | C | A | (0.020) | 0.002 | 3.20E-20 | 84.840 |
| rs17464824 | C | A | 0.014 | 0.002 | 1.70E-10 | 40.763 |
| rs17572109 | A | G | 0.023 | 0.003 | 4.50E-20 | 84.208 |
| rs17604937 | G | T | (0.015) | 0.003 | 2.60E-08 | 31.003 |
| rs17689024 | C | G | 0.028 | 0.002 | 5.50E-34 | 147.706 |
| rs17758695 | T | C | (0.121) | 0.006 | 1.50E-82 | 370.464 |
| rs178010 | T | A | 0.019 | 0.002 | 5.80E-15 | 60.957 |
| rs17828045 | G | T | 0.012 | 0.002 | 2.60E-08 | 30.952 |
| rs1783596 | T | C | 0.019 | 0.002 | 2.10E-18 | 76.595 |
| rs17843793 | A | C | (0.029) | 0.002 | 5.00E-33 | 143.308 |
| rs1790133 | G | T | 0.030 | 0.003 | 9.40E-32 | 137.488 |
| rs1797076 | G | A | (0.017) | 0.002 | 6.90E-15 | 60.625 |
| rs1800692 | G | A | (0.027) | 0.002 | 5.30E-36 | 156.931 |
| rs1820578 | G | A | (0.015) | 0.003 | 5.20E-09 | 34.130 |
| rs1836234 | G | T | 0.013 | 0.002 | 9.40E-09 | 32.958 |
| rs183811190 | T | A | (0.045) | 0.006 | 2.00E-15 | 63.053 |
| rs184221031 | C | T | (0.031) | 0.003 | 7.80E-29 | 124.163 |
| rs191549504 | C | T | (0.098) | 0.008 | 1.60E-31 | 136.449 |
| rs1924930 | A | T | (0.017) | 0.003 | 5.50E-11 | 42.975 |
| rs1938485 | G | A | (0.022) | 0.002 | 1.40E-23 | 100.152 |
| rs1965029 | G | A | (0.015) | 0.003 | 6.80E-09 | 33.583 |
| rs1967822 | G | A | (0.091) | 0.003 | 1.00E-200 | 1276.403 |
| rs1976046 | G | A | (0.013) | 0.002 | 2.40E-09 | 35.603 |
| rs1985109 | T | G | (0.035) | 0.003 | 2.10E-37 | 163.305 |

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|-------------|---|---|---------|-------|----------|---------|
| rs201010256 | C | A | (0.025) | 0.004 | 1.40E-12 | 50.176 |
| rs202534 | G | A | 0.017 | 0.002 | 3.80E-16 | 66.337 |
| rs2038700 | C | T | 0.019 | 0.002 | 2.80E-18 | 76.021 |
| rs2064723 | A | T | (0.018) | 0.003 | 1.30E-09 | 36.828 |
| rs2077218 | A | G | 0.022 | 0.003 | 1.60E-18 | 77.109 |
| rs2084312 | T | C | 0.025 | 0.003 | 1.50E-21 | 90.858 |
| rs2089979 | G | A | (0.031) | 0.002 | 7.00E-48 | 211.344 |
| rs2109960 | G | A | (0.017) | 0.003 | 5.00E-09 | 34.205 |
| rs2117205 | A | G | (0.021) | 0.002 | 2.90E-22 | 94.149 |
| rs214054 | G | A | (0.027) | 0.002 | 7.20E-37 | 160.886 |
| rs2152240 | G | T | 0.013 | 0.002 | 5.80E-10 | 38.380 |
| rs2174954 | A | G | 0.014 | 0.002 | 3.40E-11 | 43.927 |
| rs218265 | C | T | 0.025 | 0.003 | 6.80E-17 | 69.718 |
| rs2229357 | A | G | (0.019) | 0.002 | 2.90E-14 | 57.785 |
| rs224082 | T | C | (0.019) | 0.002 | 3.20E-18 | 75.745 |
| rs2243103 | G | C | 0.056 | 0.004 | 8.60E-44 | 192.606 |
| rs2249250 | T | G | (0.015) | 0.002 | 2.60E-11 | 44.485 |
| rs2273215 | A | G | (0.018) | 0.002 | 1.20E-16 | 68.563 |
| rs2283228 | C | A | 0.026 | 0.004 | 2.60E-10 | 39.969 |
| rs2290395 | G | T | (0.026) | 0.004 | 3.10E-12 | 48.632 |
| rs2312304 | T | C | (0.018) | 0.002 | 1.50E-15 | 63.628 |
| rs231353 | G | A | (0.024) | 0.002 | 3.70E-27 | 116.494 |
| rs2321536 | T | C | 0.018 | 0.002 | 8.70E-16 | 64.715 |
| rs2353701 | C | T | 0.015 | 0.002 | 3.00E-12 | 48.665 |
| rs2403070 | C | T | 0.035 | 0.002 | 2.90E-51 | 226.854 |
| rs2407778 | C | T | 0.012 | 0.002 | 1.30E-08 | 32.382 |
| rs2417966 | G | C | 0.017 | 0.002 | 4.70E-12 | 47.812 |
| rs2431726 | A | G | (0.028) | 0.005 | 7.30E-09 | 33.455 |
| rs2438150 | T | C | 0.024 | 0.002 | 1.70E-28 | 122.634 |
| rs247826 | T | C | 0.019 | 0.003 | 7.50E-14 | 55.930 |
| rs2489151 | A | G | (0.017) | 0.002 | 2.00E-13 | 53.982 |
| rs2503704 | C | T | (0.018) | 0.002 | 3.20E-16 | 66.661 |
| rs2546965 | C | G | (0.024) | 0.002 | 3.30E-26 | 112.143 |
| rs26056 | C | A | 0.014 | 0.002 | 1.20E-10 | 41.482 |
| rs2613522 | G | A | (0.022) | 0.002 | 1.50E-19 | 81.745 |
| rs2694653 | C | T | 0.013 | 0.002 | 9.00E-09 | 33.056 |
| rs2700936 | G | T | 0.016 | 0.002 | 1.90E-14 | 58.664 |
| rs273508 | G | A | (0.012) | 0.002 | 1.80E-08 | 31.660 |
| rs2823025 | G | A | 0.028 | 0.004 | 4.60E-14 | 56.900 |
| rs2834319 | C | T | 0.024 | 0.003 | 1.80E-16 | 67.800 |
| rs2836427 | A | G | 0.051 | 0.003 | 2.00E-59 | 264.286 |
| rs28490018 | T | C | (0.021) | 0.003 | 1.20E-11 | 45.950 |
| rs28505677 | G | C | (0.040) | 0.003 | 5.80E-56 | 248.387 |
| rs28526780 | C | T | (0.015) | 0.002 | 7.00E-12 | 47.031 |
| rs28622913 | A | G | (0.022) | 0.002 | 5.10E-23 | 97.592 |
| rs28760466 | G | A | 0.013 | 0.002 | 7.00E-10 | 38.011 |
| rs28833829 | C | G | (0.017) | 0.002 | 1.50E-11 | 45.497 |
| rs28904873 | G | A | (0.021) | 0.003 | 5.60E-10 | 38.463 |
| rs2915607 | C | T | 0.031 | 0.002 | 6.80E-37 | 160.998 |
| rs2999157 | A | G | (0.021) | 0.002 | 1.60E-23 | 99.845 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs3016775 | G | A | (0.018) | 0.002 | 8.80E-13 | 51.088 |
| rs303968 | C | T | (0.023) | 0.002 | 2.10E-26 | 113.044 |
| rs310233 | G | A | (0.016) | 0.003 | 5.50E-10 | 38.485 |
| rs3134617 | C | A | 0.017 | 0.002 | 6.80E-12 | 47.080 |
| rs34544325 | G | A | 0.020 | 0.002 | 4.80E-21 | 88.594 |
| rs34654942 | A | T | (0.018) | 0.003 | 1.30E-12 | 50.350 |
| rs34866937 | A | G | 0.019 | 0.002 | 2.50E-17 | 71.728 |
| rs35069969 | C | G | 0.014 | 0.002 | 1.60E-10 | 40.885 |
| rs35150201 | G | T | (0.030) | 0.002 | 1.50E-44 | 196.088 |
| rs35176054 | A | T | 0.019 | 0.003 | 4.50E-09 | 34.414 |
| rs35355140 | A | C | (0.032) | 0.004 | 3.50E-14 | 57.419 |
| rs35399547 | C | A | (0.025) | 0.003 | 1.30E-16 | 68.486 |
| rs35981402 | T | C | 0.052 | 0.006 | 6.40E-16 | 65.307 |
| rs360142 | A | G | (0.020) | 0.004 | 9.10E-09 | 33.026 |
| rs3731211 | A | T | 0.051 | 0.002 | 1.20E-103 | 467.405 |
| rs3738487 | T | C | 0.022 | 0.002 | 1.40E-25 | 109.239 |
| rs374039502 | A | T | (0.068) | 0.008 | 9.80E-18 | 73.547 |
| rs3743896 | T | C | 0.041 | 0.004 | 5.20E-25 | 106.686 |
| rs375314312 | T | G | (0.014) | 0.002 | 1.10E-10 | 41.677 |
| rs3759217 | T | C | (0.026) | 0.003 | 8.10E-16 | 64.835 |
| rs3786877 | C | T | 0.016 | 0.002 | 2.00E-14 | 58.488 |
| rs3795503 | T | C | (0.014) | 0.002 | 2.10E-10 | 40.344 |
| rs3804749 | T | C | (0.019) | 0.002 | 3.50E-18 | 75.562 |
| rs3807135 | C | T | (0.017) | 0.002 | 5.80E-15 | 60.975 |
| rs3808937 | T | C | 0.024 | 0.003 | 1.50E-19 | 81.803 |
| rs3809272 | A | G | (0.097) | 0.002 | 1.00E-200 | 1770.168 |
| rs381500 | A | C | 0.040 | 0.002 | 2.00E-80 | 360.656 |
| rs3816257 | C | A | (0.017) | 0.002 | 1.10E-15 | 64.208 |
| rs3827554 | C | A | 0.013 | 0.002 | 7.50E-09 | 33.391 |
| rs3912392 | A | G | (0.015) | 0.002 | 1.20E-12 | 50.468 |
| rs3956381 | A | C | 0.017 | 0.002 | 3.70E-15 | 61.871 |
| rs4003412 | G | A | 0.027 | 0.002 | 1.90E-36 | 158.963 |
| rs404876 | G | A | 0.063 | 0.003 | 4.60E-134 | 607.165 |
| rs4121508 | A | G | 0.016 | 0.002 | 5.50E-12 | 47.497 |
| rs41297163 | G | A | 0.022 | 0.003 | 2.50E-10 | 40.061 |
| rs4147915 | A | C | (0.022) | 0.003 | 1.30E-12 | 50.373 |
| rs4148445 | T | C | 0.076 | 0.004 | 9.90E-88 | 394.227 |
| rs415064 | C | G | (0.170) | 0.005 | 1.00E-200 | 1169.474 |
| rs42039 | T | C | (0.016) | 0.002 | 8.70E-11 | 42.098 |
| rs4284303 | C | T | (0.026) | 0.002 | 1.20E-27 | 118.716 |
| rs4286082 | T | C | (0.015) | 0.002 | 3.10E-10 | 39.586 |
| rs4296389 | T | C | 0.014 | 0.002 | 4.40E-09 | 34.446 |
| rs4377525 | C | A | (0.022) | 0.002 | 8.10E-19 | 78.468 |
| rs4388979 | T | G | (0.052) | 0.002 | 2.60E-127 | 576.112 |
| rs4441076 | T | C | (0.012) | 0.002 | 8.40E-09 | 33.173 |
| rs4506581 | G | A | 0.013 | 0.002 | 7.50E-09 | 33.413 |
| rs4520576 | A | G | 0.014 | 0.002 | 5.60E-11 | 42.959 |
| rs4535826 | G | A | 0.016 | 0.003 | 9.30E-10 | 37.462 |
| rs458699 | A | T | 0.022 | 0.002 | 3.50E-19 | 80.150 |
| rs4588 | T | G | (0.016) | 0.002 | 4.50E-12 | 47.913 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs458857 | A | C | 0.013 | 0.002 | 1.80E-09 | 36.192 |
| rs4602501 | C | A | (0.014) | 0.003 | 2.10E-08 | 31.355 |
| rs4630833 | C | T | (0.080) | 0.002 | 1.00E-200 | 1094.480 |
| rs465983 | G | A | 0.014 | 0.002 | 6.30E-09 | 33.747 |
| rs4669879 | C | A | 0.021 | 0.002 | 1.40E-22 | 95.587 |
| rs4672564 | C | A | (0.012) | 0.002 | 2.50E-08 | 31.096 |
| rs4683724 | G | A | (0.013) | 0.002 | 1.40E-09 | 36.630 |
| rs4686388 | A | G | (0.016) | 0.002 | 2.80E-13 | 53.333 |
| rs4704826 | A | C | (0.018) | 0.002 | 4.70E-17 | 70.443 |
| rs4715332 | A | C | (0.026) | 0.002 | 4.80E-33 | 143.421 |
| rs4727976 | G | A | 0.063 | 0.004 | 2.30E-58 | 259.396 |
| rs4731601 | G | A | (0.023) | 0.004 | 8.00E-09 | 33.285 |
| rs4782451 | C | A | (0.014) | 0.002 | 1.10E-11 | 46.066 |
| rs4783994 | A | G | (0.016) | 0.002 | 7.50E-12 | 46.900 |
| rs4806469 | A | G | (0.026) | 0.003 | 3.60E-21 | 89.184 |
| rs4846082 | T | C | (0.048) | 0.002 | 3.40E-113 | 511.220 |
| rs4846914 | A | G | 0.023 | 0.002 | 4.30E-26 | 111.638 |
| rs4902750 | A | G | (0.020) | 0.003 | 8.30E-12 | 46.684 |
| rs4910442 | C | T | (0.022) | 0.002 | 1.90E-25 | 108.692 |
| rs4913405 | A | G | 0.022 | 0.002 | 2.30E-18 | 76.450 |
| rs4915153 | C | T | 0.018 | 0.003 | 1.40E-09 | 36.702 |
| rs4924839 | G | A | 0.014 | 0.002 | 2.90E-10 | 39.772 |
| rs4930028 | C | A | (0.014) | 0.002 | 1.20E-09 | 36.901 |
| rs4936043 | C | G | (0.021) | 0.002 | 1.10E-21 | 91.570 |
| rs4947490 | G | A | 0.021 | 0.002 | 1.20E-19 | 82.217 |
| rs4961348 | T | C | (0.024) | 0.002 | 6.70E-25 | 106.186 |
| rs4965426 | A | G | (0.038) | 0.003 | 1.90E-36 | 158.956 |
| rs4973769 | C | T | (0.023) | 0.002 | 2.00E-22 | 94.897 |
| rs4978874 | C | T | (0.014) | 0.002 | 5.30E-11 | 43.064 |
| rs5130 | T | C | 0.026 | 0.003 | 5.30E-17 | 70.226 |
| rs525092 | G | T | (0.016) | 0.002 | 6.80E-13 | 51.596 |
| rs544400026 | A | G | (0.083) | 0.010 | 5.00E-16 | 65.811 |
| rs55657233 | T | A | 0.015 | 0.003 | 6.00E-09 | 33.842 |
| rs55664157 | A | T | (0.038) | 0.003 | 2.90E-31 | 135.248 |
| rs55708816 | A | G | 0.035 | 0.003 | 3.00E-23 | 98.679 |
| rs55794721 | A | G | (0.044) | 0.002 | 5.00E-92 | 413.988 |
| rs55879786 | A | G | (0.018) | 0.003 | 6.80E-11 | 42.565 |
| rs55881168 | G | T | (0.024) | 0.003 | 2.90E-20 | 85.023 |
| rs55921103 | T | G | (0.017) | 0.002 | 1.20E-14 | 59.547 |
| rs559355 | T | A | (0.017) | 0.003 | 7.30E-09 | 33.456 |
| rs55966801 | C | T | 0.042 | 0.003 | 4.40E-61 | 271.872 |
| rs56043070 | A | G | (0.092) | 0.004 | 3.80E-111 | 501.845 |
| rs56204645 | C | T | (0.016) | 0.003 | 2.40E-10 | 40.097 |
| rs56373295 | A | C | (0.037) | 0.002 | 7.20E-52 | 229.623 |
| rs568971993 | A | G | (0.036) | 0.005 | 4.50E-12 | 47.905 |
| rs56912706 | G | A | 0.014 | 0.002 | 1.60E-10 | 40.850 |
| rs57088429 | A | G | 0.078 | 0.003 | 1.00E-200 | 914.284 |
| rs57201028 | T | C | (0.073) | 0.004 | 5.30E-74 | 331.188 |
| rs5745576 | G | C | 0.082 | 0.007 | 1.60E-31 | 136.426 |
| rs5745687 | T | C | 0.025 | 0.004 | 8.40E-09 | 33.174 |

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|------------|---|---|---------|-------|-----------|---------|
| rs5763079 | C | A | (0.020) | 0.002 | 1.90E-21 | 90.400 |
| rs58434384 | G | A | 0.068 | 0.004 | 3.30E-71 | 318.345 |
| rs59934550 | C | T | (0.013) | 0.002 | 2.40E-09 | 35.629 |
| rs6005843 | C | T | 0.030 | 0.005 | 2.70E-09 | 35.387 |
| rs60232238 | C | G | (0.018) | 0.003 | 4.20E-13 | 52.570 |
| rs60246644 | T | A | 0.048 | 0.006 | 6.20E-14 | 56.302 |
| rs6044052 | G | T | 0.016 | 0.002 | 2.20E-12 | 49.342 |
| rs6060976 | A | G | (0.040) | 0.002 | 6.00E-65 | 289.621 |
| rs6066390 | T | C | 0.014 | 0.003 | 1.30E-08 | 32.304 |
| rs6103669 | A | G | (0.017) | 0.002 | 2.30E-12 | 49.181 |
| rs6142109 | G | A | (0.013) | 0.002 | 4.50E-08 | 29.912 |
| rs61596100 | A | G | (0.019) | 0.002 | 1.40E-17 | 72.781 |
| rs61709988 | C | T | (0.022) | 0.002 | 1.80E-22 | 95.085 |
| rs61750929 | T | C | (0.095) | 0.005 | 1.30E-93 | 421.233 |
| rs61897432 | G | A | 0.037 | 0.003 | 3.20E-35 | 153.336 |
| rs61986597 | C | T | (0.017) | 0.002 | 9.00E-14 | 55.567 |
| rs62002318 | G | A | 0.014 | 0.002 | 7.80E-11 | 42.305 |
| rs62160676 | C | T | 0.033 | 0.002 | 2.00E-45 | 200.130 |
| rs62217799 | T | G | 0.021 | 0.002 | 5.20E-21 | 88.469 |
| rs62340877 | A | G | (0.023) | 0.003 | 1.30E-17 | 73.066 |
| rs62491369 | T | G | (0.025) | 0.003 | 1.10E-16 | 68.739 |
| rs62503282 | T | C | (0.025) | 0.003 | 3.70E-16 | 66.383 |
| rs6469890 | T | C | 0.014 | 0.002 | 5.70E-11 | 42.930 |
| rs6533483 | A | G | (0.030) | 0.002 | 2.60E-43 | 190.404 |
| rs6546096 | G | A | 0.015 | 0.002 | 2.10E-10 | 40.373 |
| rs6546909 | T | A | 0.022 | 0.003 | 1.60E-13 | 54.487 |
| rs655029 | A | G | 0.033 | 0.002 | 1.50E-45 | 200.622 |
| rs6585256 | C | A | (0.015) | 0.002 | 2.80E-10 | 39.834 |
| rs6591177 | A | T | 0.022 | 0.003 | 1.00E-15 | 64.351 |
| rs6592965 | A | G | 0.022 | 0.002 | 2.90E-24 | 103.282 |
| rs6593513 | C | T | (0.016) | 0.002 | 7.80E-13 | 51.327 |
| rs661403 | G | A | (0.023) | 0.002 | 2.20E-24 | 103.831 |
| rs6664992 | G | A | 0.013 | 0.002 | 2.00E-09 | 36.021 |
| rs6685530 | T | C | (0.014) | 0.002 | 5.80E-09 | 33.898 |
| rs669556 | T | C | 0.015 | 0.003 | 4.90E-08 | 29.774 |
| rs6696074 | T | C | 0.018 | 0.002 | 5.30E-17 | 70.204 |
| rs6699095 | C | T | 0.014 | 0.002 | 5.00E-11 | 43.161 |
| rs6706095 | G | T | 0.021 | 0.002 | 1.10E-16 | 68.795 |
| rs67224956 | C | T | 0.018 | 0.003 | 1.30E-10 | 41.357 |
| rs6734238 | G | A | 0.014 | 0.002 | 2.90E-11 | 44.229 |
| rs6742904 | G | T | 0.016 | 0.002 | 1.10E-12 | 50.632 |
| rs6786088 | C | T | (0.025) | 0.002 | 7.90E-28 | 119.551 |
| rs68116612 | A | G | 0.032 | 0.003 | 1.30E-33 | 145.977 |
| rs6815294 | A | G | 0.030 | 0.002 | 6.20E-45 | 197.822 |
| rs6845648 | T | C | 0.024 | 0.002 | 2.20E-29 | 126.656 |
| rs6862111 | C | G | (0.018) | 0.002 | 2.30E-14 | 58.231 |
| rs6883116 | C | T | (0.014) | 0.002 | 6.50E-11 | 42.678 |
| rs6883827 | G | A | 0.037 | 0.002 | 1.30E-64 | 288.122 |
| rs6993770 | T | A | (0.056) | 0.002 | 7.69E-125 | 564.775 |
| rs6997505 | A | C | (0.017) | 0.003 | 1.40E-08 | 32.133 |

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|------------|---|---|---------|-------|-----------|---------|
| rs7040705 | A | G | (0.014) | 0.002 | 1.30E-10 | 41.253 |
| rs706819 | C | T | 0.022 | 0.002 | 1.20E-19 | 82.253 |
| rs7080386 | A | C | 0.020 | 0.002 | 2.00E-20 | 85.768 |
| rs7104210 | G | T | 0.066 | 0.002 | 1.60E-170 | 774.843 |
| rs7146395 | C | A | (0.015) | 0.002 | 6.60E-11 | 42.634 |
| rs715 | C | T | (0.017) | 0.002 | 7.10E-14 | 56.044 |
| rs7204146 | G | A | 0.024 | 0.003 | 3.90E-17 | 70.837 |
| rs7213347 | C | G | (0.042) | 0.002 | 3.40E-75 | 336.677 |
| rs7244202 | C | T | (0.032) | 0.002 | 1.00E-49 | 219.747 |
| rs7252328 | G | A | 0.019 | 0.003 | 4.50E-10 | 38.899 |
| rs72806507 | A | G | (0.022) | 0.004 | 9.40E-09 | 32.960 |
| rs72917226 | A | G | 0.027 | 0.004 | 4.60E-10 | 38.857 |
| rs72952310 | T | G | (0.062) | 0.006 | 1.80E-24 | 104.286 |
| rs73167967 | G | T | 0.066 | 0.004 | 2.90E-58 | 258.954 |
| rs73168819 | A | G | 0.016 | 0.002 | 1.10E-13 | 55.259 |
| rs73202036 | G | A | (0.015) | 0.003 | 5.80E-09 | 33.892 |
| rs73307474 | G | T | 0.029 | 0.004 | 4.00E-12 | 48.131 |
| rs73884852 | G | A | (0.025) | 0.004 | 2.80E-09 | 35.351 |
| rs73928486 | A | G | 0.027 | 0.003 | 4.90E-24 | 102.230 |
| rs7413585 | C | T | (0.018) | 0.002 | 3.90E-17 | 70.826 |
| rs74528993 | A | G | 0.024 | 0.004 | 4.00E-08 | 30.147 |
| rs7500731 | A | G | (0.012) | 0.002 | 3.50E-08 | 30.385 |
| rs75107793 | A | G | 0.115 | 0.004 | 1.00E-170 | 775.708 |
| rs75139539 | T | C | 0.052 | 0.006 | 1.20E-18 | 77.765 |
| rs7516366 | C | T | 0.015 | 0.002 | 6.70E-11 | 42.606 |
| rs754388 | C | G | 0.029 | 0.003 | 4.60E-26 | 111.479 |
| rs75612655 | T | C | 0.143 | 0.012 | 3.30E-34 | 148.735 |
| rs7634359 | C | T | (0.015) | 0.002 | 3.70E-12 | 48.273 |
| rs7655560 | A | G | (0.038) | 0.005 | 5.10E-15 | 61.210 |
| rs7671752 | T | C | (0.013) | 0.002 | 1.30E-09 | 36.769 |
| rs76840964 | G | A | (0.033) | 0.003 | 4.70E-24 | 102.341 |
| rs7686818 | G | A | 0.016 | 0.003 | 7.70E-09 | 33.344 |
| rs7705526 | A | C | 0.059 | 0.002 | 3.60E-148 | 672.051 |
| rs7730720 | G | T | 0.014 | 0.002 | 2.00E-11 | 44.988 |
| rs77338166 | G | A | (0.025) | 0.004 | 1.00E-08 | 32.839 |
| rs77427278 | C | T | 0.055 | 0.008 | 8.50E-11 | 42.148 |
| rs7765042 | T | C | 0.014 | 0.002 | 3.90E-10 | 39.169 |
| rs7779873 | A | G | 0.015 | 0.002 | 9.30E-12 | 46.470 |
| rs7789916 | A | G | (0.017) | 0.002 | 8.40E-14 | 55.716 |
| rs77962418 | A | C | 0.142 | 0.007 | 9.50E-88 | 394.327 |
| rs7803075 | G | A | (0.033) | 0.002 | 2.60E-41 | 181.271 |
| rs78261031 | A | G | (0.029) | 0.004 | 9.50E-11 | 41.922 |
| rs7833924 | G | A | 0.031 | 0.002 | 3.00E-47 | 208.431 |
| rs7843131 | T | C | 0.013 | 0.002 | 3.00E-08 | 30.709 |
| rs7855088 | T | C | 0.022 | 0.002 | 6.80E-26 | 110.724 |
| rs78565404 | T | C | 0.150 | 0.005 | 1.00E-200 | 986.490 |
| rs78584627 | T | G | (0.033) | 0.005 | 4.40E-12 | 47.917 |
| rs7865719 | G | A | (0.042) | 0.002 | 2.70E-89 | 401.389 |
| rs78744187 | T | C | (0.037) | 0.004 | 5.50E-22 | 92.882 |
| rs78909033 | A | G | (0.026) | 0.003 | 1.50E-16 | 68.203 |

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|------------|---|---|---------|-------|-----------|---------|--------|---------|
| rs79010100 | C | T | 0.056 | 0.003 | 1.30E-70 | 315.685 | | |
| rs79287178 | A | G | 0.062 | 0.006 | 3.30E-22 | 93.906 | | |
| rs79716074 | G | A | 0.014 | 0.002 | 2.00E-10 | 40.447 | | |
| rs79755767 | A | G | 0.068 | 0.004 | 1.70E-82 | 370.145 | | |
| rs7989654 | A | G | 0.016 | 0.002 | 1.20E-12 | 50.447 | | |
| rs8012145 | T | C | 0.013 | 0.002 | 4.10E-08 | 30.118 | | |
| rs8037902 | T | C | (0.016) | 0.002 | 8.50E-13 | 51.165 | | |
| rs804327 | C | T | 0.012 | 0.002 | 4.60E-08 | 29.872 | | |
| rs8052629 | G | A | (0.017) | 0.002 | 8.40E-16 | 64.779 | | |
| rs8065615 | C | T | (0.021) | 0.002 | 3.10E-19 | 80.378 | | |
| rs8066620 | T | C | (0.018) | 0.002 | 1.40E-15 | 63.825 | | |
| rs8069999 | A | G | (0.022) | 0.003 | 7.10E-17 | 69.635 | | |
| rs8072157 | A | T | (0.017) | 0.003 | 9.10E-11 | 42.009 | | |
| rs8093990 | C | A | 0.020 | 0.002 | 2.90E-20 | 85.052 | | |
| rs8098454 | T | C | 0.027 | 0.004 | 7.20E-13 | 51.498 | | |
| rs8107139 | C | T | (0.021) | 0.002 | 5.60E-21 | 88.305 | | |
| rs8176746 | T | G | (0.050) | 0.004 | 3.20E-30 | 130.481 | | |
| rs8178824 | T | C | 0.122 | 0.006 | 2.80E-85 | 382.943 | | |
| rs833058 | T | C | 0.016 | 0.002 | 1.00E-12 | 50.826 | | |
| rs855791 | G | A | (0.027) | 0.002 | 5.30E-37 | 161.493 | | |
| rs865483 | C | A | (0.022) | 0.002 | 1.30E-22 | 95.690 | | |
| rs873093 | C | T | 0.020 | 0.002 | 2.10E-19 | 81.142 | | |
| rs901481 | G | T | 0.014 | 0.002 | 2.50E-10 | 40.016 | | |
| rs928391 | C | T | (0.024) | 0.002 | 8.90E-24 | 101.067 | | |
| rs9384844 | T | C | (0.012) | 0.002 | 6.00E-09 | 33.820 | | |
| rs9386793 | A | C | 0.021 | 0.002 | 3.30E-23 | 98.446 | | |
| rs9394220 | G | T | 0.017 | 0.003 | 9.20E-11 | 41.976 | | |
| rs9399141 | C | T | (0.066) | 0.002 | 8.49E-157 | 711.718 | | |
| rs941407 | G | A | 0.018 | 0.002 | 1.00E-14 | 59.814 | | |
| rs9429767 | A | G | 0.020 | 0.003 | 4.10E-14 | 57.111 | | |
| rs947001 | G | A | (0.017) | 0.002 | 2.70E-13 | 53.425 | | |
| rs9472113 | C | A | (0.015) | 0.002 | 1.80E-09 | 36.212 | | |
| rs9555695 | T | C | (0.019) | 0.002 | 2.80E-18 | 76.020 | | |
| rs9635249 | G | A | 0.034 | 0.003 | 2.20E-39 | 172.384 | | |
| rs9636888 | T | C | 0.023 | 0.002 | 8.40E-24 | 101.190 | | |
| rs9661787 | G | C | 0.017 | 0.003 | 5.60E-10 | 38.440 | | |
| rs9730749 | G | A | 0.016 | 0.002 | 5.00E-11 | 43.185 | | |
| rs9793310 | C | T | 0.018 | 0.002 | 2.40E-17 | 71.801 | | |
| rs9809116 | G | A | 0.017 | 0.002 | 1.20E-14 | 59.615 | | |
| rs9904395 | G | A | (0.087) | 0.005 | 3.70E-57 | 253.885 | | |
| rs9926463 | C | A | (0.021) | 0.002 | 1.90E-18 | 76.785 | | |
| rs9983374 | T | C | 0.022 | 0.002 | 1.10E-19 | 82.397 | | |
| rs1006409 | G | A | 0.030 | 0.002 | 7.40E-44 | 192.891 | 66.304 | 154.558 |
| rs10115699 | T | C | (0.019) | 0.002 | 4.90E-15 | 61.281 | | |
| rs10136273 | T | G | (0.028) | 0.003 | 1.00E-15 | 64.371 | | |
| rs10162365 | T | C | 0.014 | 0.002 | 8.30E-09 | 33.194 | | |
| rs10187424 | C | T | (0.019) | 0.002 | 8.20E-18 | 73.895 | | |
| rs10281257 | T | C | 0.013 | 0.002 | 7.30E-09 | 33.451 | | |
| rs1041403 | T | C | 0.027 | 0.002 | 5.00E-31 | 134.165 | | |

Platelet Distribution
Width

| | | | | | | |
|-------------|---|---|---------|-------|-----------|----------|
| rs10466710 | G | A | (0.019) | 0.002 | 5.20E-17 | 70.265 |
| rs1046919 | G | A | 0.019 | 0.003 | 8.40E-13 | 51.192 |
| rs1056534 | G | C | (0.023) | 0.002 | 6.40E-26 | 110.858 |
| rs1059196 | T | C | 0.036 | 0.002 | 4.10E-46 | 203.236 |
| rs1060431 | A | G | (0.085) | 0.004 | 3.80E-94 | 423.697 |
| rs10770060 | A | G | 0.022 | 0.003 | 4.40E-19 | 79.664 |
| rs10811665 | C | T | 0.016 | 0.003 | 2.60E-08 | 30.956 |
| rs10818454 | A | G | (0.015) | 0.002 | 6.00E-11 | 42.832 |
| rs10820606 | C | A | (0.059) | 0.003 | 1.70E-115 | 521.870 |
| rs10831688 | G | A | 0.012 | 0.002 | 1.60E-08 | 31.880 |
| rs10852622 | G | A | (0.020) | 0.002 | 2.90E-16 | 66.840 |
| rs10882139 | G | A | (0.015) | 0.002 | 1.50E-11 | 45.599 |
| rs10886430 | G | A | 0.041 | 0.003 | 6.90E-36 | 156.416 |
| rs10899504 | A | C | (0.017) | 0.003 | 1.80E-09 | 36.222 |
| rs10911111 | G | A | 0.093 | 0.003 | 1.00E-200 | 1035.922 |
| rs10928513 | T | C | 0.012 | 0.002 | 2.30E-08 | 31.216 |
| rs10933153 | C | A | 0.022 | 0.002 | 9.60E-25 | 105.487 |
| rs10964620 | A | G | 0.019 | 0.002 | 8.60E-17 | 69.276 |
| rs10971924 | A | G | 0.014 | 0.003 | 1.80E-08 | 31.693 |
| rs11013176 | G | A | (0.023) | 0.002 | 3.20E-22 | 93.965 |
| rs11039216 | T | C | 0.019 | 0.002 | 8.60E-18 | 73.816 |
| rs11082304 | T | G | 0.039 | 0.002 | 1.30E-74 | 333.938 |
| rs11083767 | C | T | 0.049 | 0.002 | 7.19E-102 | 459.207 |
| rs11120218 | A | G | 0.038 | 0.003 | 3.00E-31 | 135.209 |
| rs11123325 | A | G | (0.019) | 0.003 | 9.20E-10 | 37.484 |
| rs1114882 | G | A | 0.020 | 0.002 | 9.80E-20 | 82.647 |
| rs11190846 | T | C | 0.016 | 0.002 | 8.30E-14 | 55.726 |
| rs11204523 | C | G | (0.053) | 0.003 | 3.60E-97 | 437.622 |
| rs11204539 | C | G | 0.063 | 0.004 | 5.10E-49 | 216.556 |
| rs11212628 | A | G | (0.021) | 0.003 | 1.50E-12 | 50.035 |
| rs11224309 | G | C | 0.035 | 0.004 | 1.80E-21 | 90.518 |
| rs11235689 | T | C | 0.038 | 0.002 | 7.00E-67 | 298.503 |
| rs112655727 | A | G | (0.049) | 0.009 | 1.60E-08 | 31.985 |
| rs1126643 | T | C | (0.015) | 0.002 | 3.40E-11 | 43.933 |
| rs112875651 | A | G | (0.021) | 0.002 | 8.50E-22 | 92.037 |
| rs112898119 | G | A | 0.056 | 0.008 | 9.40E-13 | 50.976 |
| rs113227645 | T | G | 0.035 | 0.006 | 3.90E-09 | 34.663 |
| rs113270184 | T | C | (0.032) | 0.003 | 5.40E-31 | 134.023 |
| rs113343095 | A | G | 0.019 | 0.003 | 5.90E-09 | 33.866 |
| rs113543437 | A | G | 0.154 | 0.004 | 1.00E-200 | 1375.504 |
| rs113865680 | C | T | 0.021 | 0.003 | 3.10E-14 | 57.676 |
| rs114282886 | T | C | 0.057 | 0.006 | 9.40E-24 | 100.947 |
| rs114694170 | C | T | (0.117) | 0.005 | 4.30E-143 | 648.678 |
| rs114968084 | A | G | 0.047 | 0.007 | 8.00E-13 | 51.280 |
| rs115352378 | T | A | 0.039 | 0.006 | 5.10E-11 | 43.120 |
| rs11553699 | G | A | 0.111 | 0.003 | 1.00E-200 | 1084.305 |
| rs11576356 | A | G | (0.032) | 0.003 | 1.20E-29 | 127.794 |
| rs11598602 | A | G | (0.024) | 0.003 | 2.90E-18 | 75.952 |
| rs11625026 | T | C | 0.016 | 0.002 | 2.00E-11 | 45.019 |
| rs11649317 | C | T | (0.013) | 0.002 | 4.00E-08 | 30.135 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs11671059 | C | T | 0.033 | 0.004 | 1.20E-18 | 77.652 |
| rs116897918 | C | G | 0.140 | 0.006 | 1.60E-122 | 554.075 |
| rs11696739 | A | G | (0.023) | 0.002 | 4.40E-25 | 107.043 |
| rs117068593 | T | C | 0.028 | 0.003 | 1.20E-24 | 105.053 |
| rs117159862 | A | C | 0.048 | 0.006 | 5.80E-15 | 60.954 |
| rs117172295 | A | T | 0.113 | 0.010 | 3.20E-31 | 135.080 |
| rs11734099 | A | G | (0.062) | 0.003 | 4.70E-107 | 483.015 |
| rs118088320 | A | G | (0.055) | 0.006 | 4.70E-21 | 88.635 |
| rs11993233 | G | A | (0.048) | 0.002 | 1.50E-107 | 485.322 |
| rs12067642 | T | G | 0.027 | 0.003 | 6.10E-26 | 110.929 |
| rs12110 | A | G | 0.042 | 0.003 | 2.00E-54 | 241.372 |
| rs12124281 | A | G | (0.049) | 0.002 | 3.60E-106 | 478.976 |
| rs1212871 | T | C | (0.034) | 0.004 | 5.30E-22 | 92.980 |
| rs12128766 | T | C | (0.021) | 0.002 | 3.60E-23 | 98.294 |
| rs12148513 | T | C | (0.022) | 0.002 | 1.30E-22 | 95.829 |
| rs1219275 | C | T | 0.023 | 0.003 | 3.30E-17 | 71.142 |
| rs12202319 | C | G | 0.018 | 0.003 | 2.30E-10 | 40.216 |
| rs12209838 | T | G | 0.020 | 0.003 | 2.80E-11 | 44.343 |
| rs12324667 | T | A | 0.019 | 0.003 | 3.00E-12 | 48.672 |
| rs12422591 | T | A | 0.016 | 0.003 | 1.00E-08 | 32.841 |
| rs12431359 | C | T | (0.015) | 0.002 | 2.70E-10 | 39.914 |
| rs12451471 | T | C | 0.017 | 0.002 | 7.10E-15 | 60.581 |
| rs1246761 | T | C | (0.017) | 0.002 | 2.60E-14 | 58.001 |
| rs12471773 | A | G | (0.041) | 0.003 | 3.70E-54 | 240.140 |
| rs12480262 | G | A | 0.193 | 0.003 | 1.00E-200 | 3284.797 |
| rs1263618 | C | T | (0.015) | 0.002 | 4.50E-11 | 43.372 |
| rs12640722 | T | A | 0.023 | 0.002 | 5.20E-23 | 97.572 |
| rs12667905 | C | A | 0.025 | 0.002 | 3.10E-31 | 135.143 |
| rs12671118 | A | G | 0.031 | 0.004 | 3.70E-13 | 52.779 |
| rs12738019 | G | A | 0.015 | 0.002 | 6.90E-12 | 47.059 |
| rs1283690 | C | T | 0.015 | 0.002 | 2.20E-12 | 49.313 |
| rs12924211 | C | T | (0.020) | 0.002 | 9.20E-18 | 73.680 |
| rs12936897 | A | G | (0.013) | 0.002 | 3.90E-09 | 34.678 |
| rs12938273 | A | G | (0.053) | 0.002 | 3.70E-131 | 593.830 |
| rs12947510 | G | A | 0.021 | 0.004 | 4.00E-09 | 34.614 |
| rs12981216 | T | C | 0.015 | 0.002 | 1.40E-11 | 45.730 |
| rs12981279 | C | T | (0.016) | 0.002 | 1.20E-13 | 54.948 |
| rs13024657 | T | C | 0.019 | 0.003 | 1.60E-10 | 40.899 |
| rs13033725 | G | C | 0.026 | 0.002 | 3.40E-29 | 125.771 |
| rs13096104 | G | A | (0.023) | 0.004 | 2.90E-08 | 30.787 |
| rs13107325 | T | C | (0.050) | 0.004 | 5.70E-34 | 147.630 |
| rs13122868 | G | T | 0.017 | 0.003 | 1.50E-09 | 36.585 |
| rs13213536 | T | A | (0.018) | 0.002 | 1.90E-13 | 54.067 |
| rs13221668 | C | T | (0.031) | 0.002 | 2.00E-45 | 200.130 |
| rs13224082 | T | A | 0.038 | 0.003 | 4.90E-52 | 230.392 |
| rs13234131 | G | A | (0.027) | 0.003 | 5.50E-17 | 70.132 |
| rs13260471 | G | A | 0.093 | 0.003 | 1.00E-200 | 1128.407 |
| rs13338946 | C | T | 0.016 | 0.002 | 2.90E-11 | 44.240 |
| rs1334577 | A | G | 0.017 | 0.003 | 2.10E-11 | 44.905 |
| rs13389363 | G | A | (0.024) | 0.003 | 1.50E-12 | 50.096 |

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|-------------|---|---|---------|-------|-----------|---------|
| rs138540809 | G | A | (0.029) | 0.004 | 1.30E-12 | 50.333 |
| rs138910471 | A | G | (0.062) | 0.005 | 8.20E-34 | 146.906 |
| rs139619205 | G | A | 0.117 | 0.016 | 1.70E-13 | 54.351 |
| rs140243743 | A | G | 0.056 | 0.008 | 1.80E-13 | 54.210 |
| rs141089639 | G | T | 0.021 | 0.003 | 3.20E-12 | 48.568 |
| rs1420476 | A | T | 0.045 | 0.005 | 8.40E-18 | 73.868 |
| rs1436138 | G | A | 0.014 | 0.002 | 1.20E-10 | 41.512 |
| rs1448319 | G | A | (0.068) | 0.005 | 5.30E-48 | 211.891 |
| rs145375841 | G | T | (0.032) | 0.005 | 1.40E-12 | 50.233 |
| rs1466733 | G | A | 0.027 | 0.003 | 2.00E-25 | 108.600 |
| rs1467509 | C | A | 0.018 | 0.002 | 3.40E-15 | 62.028 |
| rs147289819 | A | C | (0.015) | 0.002 | 3.70E-11 | 43.777 |
| rs1500922 | C | G | (0.016) | 0.003 | 1.70E-10 | 40.810 |
| rs151154524 | A | G | (0.038) | 0.006 | 3.80E-11 | 43.715 |
| rs1552272 | T | C | 0.028 | 0.002 | 2.30E-35 | 153.982 |
| rs1562833 | G | A | 0.031 | 0.004 | 1.60E-16 | 68.083 |
| rs1565818 | C | G | (0.021) | 0.003 | 1.10E-09 | 37.154 |
| rs1603584 | G | A | (0.021) | 0.004 | 1.90E-08 | 31.559 |
| rs1613662 | A | G | 0.083 | 0.003 | 6.70E-181 | 822.566 |
| rs167374 | G | A | 0.015 | 0.002 | 1.20E-11 | 45.910 |
| rs16877096 | C | T | (0.015) | 0.003 | 1.00E-08 | 32.807 |
| rs16937003 | A | G | (0.074) | 0.008 | 9.40E-22 | 91.838 |
| rs17138723 | G | C | 0.024 | 0.003 | 1.70E-20 | 86.117 |
| rs17154970 | G | C | 0.052 | 0.008 | 6.10E-11 | 42.802 |
| rs1719285 | A | T | (0.084) | 0.003 | 1.10E-177 | 807.838 |
| rs17292943 | A | G | 0.014 | 0.003 | 1.80E-08 | 31.728 |
| rs1735538 | G | A | 0.018 | 0.002 | 1.50E-12 | 50.021 |
| rs17463814 | A | G | (0.020) | 0.003 | 2.00E-14 | 58.532 |
| rs17558323 | G | C | 0.014 | 0.003 | 1.50E-08 | 32.002 |
| rs17776046 | A | G | 0.017 | 0.002 | 7.40E-14 | 55.964 |
| rs17840761 | A | G | 0.014 | 0.002 | 5.00E-11 | 43.159 |
| rs1790961 | G | T | 0.052 | 0.002 | 4.30E-130 | 588.918 |
| rs1801282 | G | C | (0.026) | 0.003 | 8.10E-15 | 60.310 |
| rs182120 | C | A | (0.014) | 0.002 | 1.20E-09 | 36.979 |
| rs186317244 | T | G | (0.021) | 0.003 | 1.70E-09 | 36.321 |
| rs1870028 | T | C | 0.038 | 0.004 | 2.10E-20 | 85.728 |
| rs1888488 | T | C | (0.014) | 0.002 | 3.90E-10 | 39.159 |
| rs1890946 | C | T | (0.012) | 0.002 | 1.10E-08 | 32.645 |
| rs1909834 | C | A | 0.019 | 0.002 | 4.40E-17 | 70.609 |
| rs1913715 | A | G | 0.013 | 0.002 | 4.70E-09 | 34.304 |
| rs1980532 | G | A | (0.059) | 0.002 | 1.90E-160 | 728.517 |
| rs1981627 | G | A | (0.043) | 0.002 | 1.90E-86 | 388.384 |
| rs1992443 | A | G | (0.037) | 0.002 | 1.60E-51 | 228.010 |
| rs1995534 | C | A | (0.015) | 0.002 | 3.90E-10 | 39.150 |
| rs200891 | G | T | (0.019) | 0.002 | 6.10E-17 | 69.933 |
| rs2058785 | T | C | (0.015) | 0.002 | 3.10E-11 | 44.129 |
| rs2064228 | G | T | (0.017) | 0.002 | 5.20E-13 | 52.141 |
| rs2072114 | G | A | 0.019 | 0.003 | 5.40E-09 | 34.030 |
| rs2093475 | G | A | (0.017) | 0.002 | 1.40E-14 | 59.195 |
| rs214058 | A | G | 0.037 | 0.002 | 2.40E-64 | 286.894 |

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|------------|---|---|---------|-------|-----------|----------|
| rs2141247 | A | C | (0.013) | 0.002 | 1.50E-09 | 36.593 |
| rs2153960 | A | G | (0.024) | 0.002 | 1.80E-24 | 104.192 |
| rs2230585 | A | G | 0.019 | 0.002 | 9.30E-19 | 78.210 |
| rs2236686 | A | G | (0.014) | 0.002 | 1.40E-08 | 32.223 |
| rs2249250 | T | G | 0.024 | 0.002 | 8.90E-25 | 105.621 |
| rs2267461 | T | C | 0.090 | 0.002 | 1.00E-200 | 1739.611 |
| rs2281721 | T | C | (0.025) | 0.002 | 7.00E-29 | 124.373 |
| rs229576 | T | A | (0.020) | 0.003 | 3.30E-12 | 48.484 |
| rs2298989 | C | T | 0.021 | 0.002 | 2.90E-22 | 94.182 |
| rs2321235 | G | A | 0.026 | 0.002 | 3.30E-30 | 130.401 |
| rs2326842 | T | C | (0.027) | 0.003 | 1.60E-22 | 95.395 |
| rs2327528 | A | G | (0.024) | 0.003 | 9.30E-20 | 82.749 |
| rs2429511 | C | T | (0.017) | 0.002 | 2.30E-15 | 62.757 |
| rs2455425 | C | T | 0.022 | 0.004 | 1.40E-08 | 32.195 |
| rs2500220 | T | C | 0.027 | 0.002 | 1.70E-35 | 154.598 |
| rs2520099 | C | T | (0.021) | 0.002 | 4.50E-18 | 75.103 |
| rs2544026 | A | T | 0.016 | 0.002 | 1.50E-10 | 41.085 |
| rs254415 | T | G | 0.031 | 0.002 | 3.90E-40 | 175.836 |
| rs259334 | T | C | 0.036 | 0.004 | 1.50E-19 | 81.851 |
| rs2632372 | C | T | (0.012) | 0.002 | 5.60E-09 | 33.965 |
| rs2723086 | T | C | (0.018) | 0.002 | 2.70E-15 | 62.503 |
| rs2756119 | A | G | (0.018) | 0.002 | 1.40E-15 | 63.741 |
| rs2796881 | C | T | (0.018) | 0.003 | 2.80E-09 | 35.299 |
| rs2823037 | T | C | 0.016 | 0.002 | 2.90E-11 | 44.235 |
| rs2823295 | C | T | (0.015) | 0.003 | 4.90E-08 | 29.738 |
| rs2836430 | G | T | 0.019 | 0.003 | 3.00E-09 | 35.156 |
| rs2842061 | A | G | 0.023 | 0.002 | 2.50E-23 | 98.984 |
| rs28550009 | G | A | (0.019) | 0.003 | 1.60E-08 | 31.948 |
| rs2857460 | T | C | 0.023 | 0.003 | 2.10E-18 | 76.592 |
| rs28609328 | A | G | 0.025 | 0.002 | 1.90E-28 | 122.365 |
| rs28678897 | A | G | (0.044) | 0.004 | 1.20E-27 | 118.779 |
| rs28819766 | T | C | 0.016 | 0.003 | 3.70E-09 | 34.756 |
| rs28883140 | A | G | (0.029) | 0.003 | 2.70E-29 | 126.269 |
| rs2892409 | T | C | (0.016) | 0.002 | 4.80E-14 | 56.803 |
| rs293570 | G | A | 0.018 | 0.002 | 5.70E-15 | 60.997 |
| rs2950393 | A | G | (0.062) | 0.002 | 1.60E-162 | 738.042 |
| rs2999155 | A | G | 0.045 | 0.002 | 6.10E-99 | 445.734 |
| rs342300 | A | T | 0.076 | 0.002 | 1.00E-200 | 1108.923 |
| rs34834842 | G | A | 0.110 | 0.006 | 4.70E-83 | 372.758 |
| rs34870936 | A | G | 0.015 | 0.003 | 2.10E-08 | 31.359 |
| rs35017286 | G | A | (0.016) | 0.002 | 1.70E-13 | 54.383 |
| rs351728 | C | T | (0.013) | 0.002 | 6.50E-09 | 33.674 |
| rs35188965 | T | C | (0.027) | 0.002 | 3.10E-34 | 148.838 |
| rs35267052 | G | T | (0.021) | 0.004 | 4.00E-09 | 34.622 |
| rs35445107 | C | T | 0.016 | 0.003 | 4.10E-08 | 30.115 |
| rs35563401 | T | C | (0.018) | 0.002 | 2.40E-16 | 67.241 |
| rs35564315 | A | C | (0.027) | 0.003 | 2.60E-20 | 85.304 |
| rs3557 | G | T | (0.053) | 0.004 | 2.50E-45 | 199.654 |
| rs3742003 | A | G | (0.034) | 0.003 | 6.10E-37 | 161.213 |
| rs3753650 | A | C | 0.028 | 0.004 | 3.20E-15 | 62.120 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs3767812 | A | G | (0.034) | 0.003 | 1.40E-40 | 177.948 |
| rs3801995 | T | C | (0.014) | 0.002 | 8.70E-09 | 33.113 |
| rs3804749 | T | C | 0.041 | 0.002 | 6.40E-78 | 349.176 |
| rs3824632 | A | G | (0.019) | 0.002 | 7.60E-19 | 78.597 |
| rs3918226 | T | C | (0.026) | 0.004 | 1.70E-10 | 40.728 |
| rs392794 | T | C | 0.017 | 0.002 | 4.70E-12 | 47.788 |
| rs3937015 | C | T | (0.092) | 0.008 | 2.60E-31 | 135.457 |
| rs4068540 | G | A | (0.014) | 0.002 | 1.00E-08 | 32.786 |
| rs4099245 | A | G | (0.018) | 0.002 | 3.90E-16 | 66.304 |
| rs41284294 | C | T | 0.068 | 0.010 | 3.10E-11 | 44.112 |
| rs41307187 | C | T | 0.016 | 0.003 | 3.00E-10 | 39.650 |
| rs428372 | G | A | (0.021) | 0.002 | 3.20E-17 | 71.231 |
| rs4388959 | A | G | 0.013 | 0.002 | 3.30E-08 | 30.533 |
| rs4529894 | G | C | (0.030) | 0.003 | 4.80E-30 | 129.678 |
| rs45488900 | T | G | 0.076 | 0.004 | 3.80E-98 | 442.090 |
| rs45563932 | T | C | 0.019 | 0.003 | 6.70E-13 | 51.635 |
| rs4651254 | C | T | 0.013 | 0.002 | 8.00E-09 | 33.267 |
| rs4654396 | C | T | 0.012 | 0.002 | 1.30E-08 | 32.386 |
| rs4711890 | G | C | (0.043) | 0.002 | 4.80E-70 | 313.025 |
| rs4714958 | T | C | 0.032 | 0.003 | 2.70E-24 | 103.435 |
| rs4721764 | A | G | (0.025) | 0.003 | 3.60E-22 | 93.744 |
| rs4735333 | A | G | (0.018) | 0.002 | 1.20E-17 | 73.107 |
| rs4759076 | C | T | (0.030) | 0.002 | 2.10E-42 | 186.198 |
| rs4775128 | A | G | (0.014) | 0.002 | 1.90E-09 | 36.095 |
| rs4783186 | C | T | 0.063 | 0.003 | 1.40E-82 | 370.571 |
| rs4843185 | A | G | (0.039) | 0.002 | 1.10E-56 | 251.791 |
| rs4859470 | G | A | 0.017 | 0.002 | 1.60E-14 | 58.956 |
| rs489296 | G | T | 0.040 | 0.002 | 7.70E-74 | 330.446 |
| rs4908690 | G | T | (0.021) | 0.002 | 7.60E-19 | 78.588 |
| rs4947972 | C | G | (0.014) | 0.002 | 3.90E-08 | 30.184 |
| rs4952071 | T | C | (0.081) | 0.002 | 1.00E-200 | 1315.125 |
| rs4966015 | T | G | 0.029 | 0.003 | 9.00E-22 | 91.922 |
| rs5017497 | G | T | (0.013) | 0.002 | 1.00E-08 | 32.794 |
| rs530059793 | G | A | 0.124 | 0.012 | 4.30E-25 | 107.084 |
| rs539352 | A | C | (0.012) | 0.002 | 3.60E-08 | 30.352 |
| rs540909 | C | T | 0.058 | 0.002 | 9.10E-121 | 546.060 |
| rs549258056 | T | C | 0.059 | 0.009 | 6.10E-11 | 42.778 |
| rs55662460 | A | G | 0.017 | 0.003 | 6.70E-10 | 38.092 |
| rs55838731 | G | A | 0.015 | 0.002 | 2.30E-10 | 40.180 |
| rs55903042 | A | G | 0.016 | 0.002 | 9.10E-11 | 42.006 |
| rs55970551 | T | C | (0.059) | 0.008 | 2.50E-15 | 62.628 |
| rs561655 | A | G | (0.014) | 0.002 | 1.30E-09 | 36.883 |
| rs56340041 | A | G | 0.027 | 0.003 | 7.50E-19 | 78.630 |
| rs56353063 | C | G | 0.015 | 0.003 | 1.30E-09 | 36.879 |
| rs56944467 | T | G | (0.018) | 0.003 | 4.70E-08 | 29.817 |
| rs57680405 | C | T | 0.038 | 0.007 | 5.70E-09 | 33.941 |
| rs5771359 | T | C | 0.021 | 0.003 | 4.20E-11 | 43.500 |
| rs57843631 | T | C | 0.224 | 0.008 | 7.91E-165 | 748.655 |
| rs58679315 | C | G | (0.223) | 0.009 | 7.10E-136 | 615.493 |
| rs59242558 | C | T | (0.016) | 0.002 | 2.50E-11 | 44.532 |

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|------------|---|---|---------|-------|-----------|---------|
| rs606552 | G | A | 0.069 | 0.003 | 2.90E-167 | 759.848 |
| rs6124259 | A | G | 0.019 | 0.002 | 1.40E-17 | 72.883 |
| rs61269268 | C | A | 0.034 | 0.003 | 1.10E-31 | 137.122 |
| rs61751937 | C | G | 0.077 | 0.006 | 1.50E-33 | 145.711 |
| rs61776586 | C | T | 0.017 | 0.003 | 6.60E-09 | 33.663 |
| rs61813831 | G | A | (0.039) | 0.006 | 2.90E-10 | 39.764 |
| rs61851769 | T | C | 0.031 | 0.003 | 6.80E-34 | 147.291 |
| rs61963337 | A | G | 0.024 | 0.003 | 1.80E-18 | 76.892 |
| rs61977313 | T | C | 0.029 | 0.004 | 2.70E-16 | 66.982 |
| rs62021187 | C | G | (0.012) | 0.002 | 3.00E-08 | 30.693 |
| rs62082086 | G | T | 0.038 | 0.006 | 3.50E-10 | 39.387 |
| rs62191340 | A | G | 0.038 | 0.002 | 9.50E-70 | 311.661 |
| rs62231638 | T | C | (0.087) | 0.008 | 6.70E-28 | 119.872 |
| rs62246446 | G | C | 0.047 | 0.003 | 2.00E-61 | 273.500 |
| rs62291089 | G | C | 0.017 | 0.003 | 9.70E-09 | 32.893 |
| rs62363210 | C | T | (0.020) | 0.003 | 1.20E-10 | 41.542 |
| rs62379580 | C | T | 0.032 | 0.002 | 2.70E-45 | 199.511 |
| rs62484217 | C | T | (0.045) | 0.008 | 1.60E-08 | 31.909 |
| rs62527185 | T | C | (0.041) | 0.007 | 2.60E-08 | 30.971 |
| rs62543170 | G | A | 0.023 | 0.002 | 3.80E-27 | 116.462 |
| rs62577098 | G | C | 0.019 | 0.003 | 1.20E-10 | 41.512 |
| rs6453397 | T | C | 0.036 | 0.002 | 7.00E-53 | 234.273 |
| rs6556405 | C | T | 0.026 | 0.002 | 1.20E-24 | 105.034 |
| rs658495 | A | G | 0.029 | 0.005 | 7.90E-09 | 33.299 |
| rs664414 | G | T | 0.016 | 0.002 | 1.30E-12 | 50.386 |
| rs66530629 | A | G | 0.044 | 0.002 | 2.20E-70 | 314.551 |
| rs66793829 | C | G | 0.053 | 0.003 | 9.50E-75 | 334.614 |
| rs6681849 | T | G | (0.035) | 0.002 | 1.10E-56 | 251.774 |
| rs66958635 | C | T | (0.046) | 0.007 | 1.10E-11 | 46.089 |
| rs671339 | G | A | (0.039) | 0.002 | 1.10E-56 | 251.776 |
| rs6796837 | T | C | (0.021) | 0.002 | 2.60E-19 | 80.696 |
| rs6798870 | A | G | (0.021) | 0.002 | 2.00E-23 | 99.442 |
| rs6807029 | C | A | (0.023) | 0.002 | 9.10E-23 | 96.458 |
| rs6808932 | C | A | 0.013 | 0.002 | 9.80E-09 | 32.876 |
| rs685724 | C | T | (0.014) | 0.002 | 9.40E-10 | 37.451 |
| rs688181 | C | T | 0.036 | 0.002 | 1.70E-52 | 232.540 |
| rs6882345 | A | G | 0.016 | 0.002 | 1.90E-12 | 49.573 |
| rs6928810 | T | C | (0.046) | 0.002 | 1.70E-75 | 338.003 |
| rs6952260 | A | T | 0.024 | 0.003 | 1.20E-20 | 86.870 |
| rs6993770 | T | A | 0.061 | 0.002 | 1.70E-145 | 659.695 |
| rs6994859 | A | G | (0.019) | 0.002 | 5.60E-17 | 70.103 |
| rs6999008 | A | G | 0.015 | 0.002 | 3.10E-12 | 48.622 |
| rs7024673 | T | C | (0.016) | 0.002 | 5.80E-12 | 47.397 |
| rs7083045 | G | A | (0.013) | 0.002 | 9.00E-10 | 37.531 |
| rs7094382 | A | G | (0.015) | 0.002 | 6.10E-12 | 47.290 |
| rs7109587 | G | A | 0.018 | 0.003 | 2.00E-12 | 49.436 |
| rs7140110 | C | T | 0.018 | 0.002 | 5.80E-14 | 56.426 |
| rs71427874 | A | G | 0.030 | 0.003 | 5.70E-26 | 111.081 |
| rs7146146 | G | T | 0.013 | 0.002 | 1.10E-09 | 37.164 |
| rs715 | C | T | 0.015 | 0.002 | 4.50E-11 | 43.376 |

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|------------|---|---|---------|-------|-----------|----------|
| rs7163838 | C | T | 0.018 | 0.003 | 6.80E-13 | 51.589 |
| rs718515 | A | G | 0.015 | 0.002 | 9.60E-13 | 50.932 |
| rs7216823 | G | A | (0.025) | 0.003 | 1.60E-17 | 72.536 |
| rs7220663 | C | G | (0.032) | 0.004 | 1.20E-16 | 68.551 |
| rs7255581 | G | A | (0.014) | 0.002 | 7.30E-09 | 33.442 |
| rs72660908 | G | C | 0.024 | 0.002 | 1.30E-27 | 118.514 |
| rs72716951 | C | G | (0.038) | 0.006 | 6.30E-12 | 47.246 |
| rs72717841 | C | T | (0.072) | 0.007 | 6.10E-24 | 101.810 |
| rs72770326 | T | C | 0.045 | 0.008 | 2.80E-09 | 35.327 |
| rs72814539 | T | C | 0.035 | 0.004 | 1.10E-14 | 59.767 |
| rs72821093 | T | A | (0.017) | 0.003 | 3.20E-09 | 35.086 |
| rs72829457 | T | C | (0.032) | 0.003 | 5.50E-21 | 88.349 |
| rs72937257 | C | T | (0.026) | 0.004 | 4.50E-12 | 47.883 |
| rs72952809 | A | G | (0.041) | 0.006 | 3.00E-12 | 48.702 |
| rs72962490 | T | C | (0.023) | 0.004 | 2.70E-08 | 30.929 |
| rs72997616 | A | C | 0.025 | 0.004 | 2.30E-11 | 44.715 |
| rs73037168 | T | C | (0.029) | 0.003 | 5.20E-19 | 79.338 |
| rs73166052 | T | A | (0.016) | 0.002 | 2.20E-11 | 44.754 |
| rs73168819 | A | G | (0.019) | 0.002 | 2.60E-18 | 76.135 |
| rs73195801 | G | C | 0.050 | 0.005 | 9.60E-23 | 96.351 |
| rs73200023 | A | G | (0.035) | 0.006 | 2.80E-08 | 30.817 |
| rs73205782 | G | T | (0.021) | 0.003 | 2.10E-14 | 58.413 |
| rs73307905 | C | A | 0.015 | 0.003 | 2.50E-08 | 31.074 |
| rs7336979 | G | A | 0.012 | 0.002 | 1.90E-08 | 31.595 |
| rs73573834 | C | A | 0.042 | 0.005 | 6.60E-20 | 83.439 |
| rs74227709 | A | G | 0.137 | 0.004 | 1.00E-200 | 1084.031 |
| rs74332546 | A | G | 0.057 | 0.006 | 2.30E-18 | 76.430 |
| rs74728564 | G | A | (0.042) | 0.006 | 1.70E-11 | 45.283 |
| rs7514180 | A | G | 0.015 | 0.003 | 3.60E-09 | 34.826 |
| rs75497613 | A | C | 0.044 | 0.005 | 1.60E-18 | 77.175 |
| rs7551141 | A | G | (0.016) | 0.002 | 3.60E-14 | 57.389 |
| rs75868777 | C | A | (0.041) | 0.007 | 1.50E-08 | 32.088 |
| rs7593042 | T | A | 0.135 | 0.004 | 1.00E-200 | 1146.405 |
| rs7595550 | A | C | (0.022) | 0.003 | 2.00E-10 | 40.422 |
| rs7649045 | C | T | 0.016 | 0.002 | 4.00E-13 | 52.623 |
| rs7650165 | T | C | 0.024 | 0.002 | 1.20E-22 | 95.874 |
| rs76560907 | C | A | (0.094) | 0.003 | 4.20E-185 | 841.921 |
| rs76642326 | T | C | 0.036 | 0.004 | 2.60E-16 | 67.081 |
| rs76803699 | A | G | 0.034 | 0.006 | 4.70E-08 | 29.831 |
| rs7696969 | G | T | (0.039) | 0.002 | 2.80E-68 | 304.888 |
| rs7734992 | C | T | 0.014 | 0.002 | 3.80E-10 | 39.200 |
| rs77460011 | T | C | (0.042) | 0.007 | 2.40E-09 | 35.656 |
| rs7763043 | T | A | 0.013 | 0.002 | 7.50E-09 | 33.409 |
| rs77632732 | G | A | 0.094 | 0.011 | 3.80E-17 | 70.881 |
| rs7800558 | C | T | 0.019 | 0.002 | 1.60E-18 | 77.076 |
| rs78070886 | G | A | 0.057 | 0.005 | 3.60E-28 | 121.102 |
| rs7808005 | T | C | 0.032 | 0.002 | 1.00E-40 | 178.513 |
| rs78296535 | G | T | (0.075) | 0.007 | 7.20E-30 | 128.889 |
| rs783 | A | G | 0.016 | 0.002 | 3.00E-13 | 53.230 |
| rs78327070 | A | G | 0.024 | 0.004 | 3.80E-09 | 34.744 |

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|------------|---|---|---------|-------|-----------|---------|
| rs78690665 | C | A | 0.043 | 0.004 | 9.40E-26 | 110.079 |
| rs78831364 | A | C | (0.038) | 0.005 | 1.70E-15 | 63.371 |
| rs78909033 | A | G | (0.042) | 0.003 | 4.40E-40 | 175.606 |
| rs7896518 | G | A | (0.025) | 0.002 | 3.80E-29 | 125.603 |
| rs79376190 | G | C | 0.022 | 0.003 | 1.80E-12 | 49.686 |
| rs7949566 | A | G | 0.020 | 0.002 | 4.40E-20 | 84.232 |
| rs7956772 | A | C | 0.022 | 0.004 | 7.00E-10 | 38.022 |
| rs79716587 | A | G | 0.040 | 0.003 | 1.80E-34 | 149.955 |
| rs7974988 | G | A | 0.014 | 0.002 | 2.80E-10 | 39.794 |
| rs802171 | G | A | 0.036 | 0.002 | 3.60E-61 | 272.260 |
| rs8048275 | G | A | (0.033) | 0.005 | 2.40E-10 | 40.087 |
| rs8077177 | T | C | (0.056) | 0.006 | 7.50E-24 | 101.415 |
| rs8098454 | T | C | (0.028) | 0.004 | 3.70E-13 | 52.802 |
| rs8106212 | T | C | 0.139 | 0.010 | 2.30E-43 | 190.673 |
| rs8113491 | T | C | (0.013) | 0.002 | 4.10E-09 | 34.564 |
| rs8116503 | T | C | (0.016) | 0.003 | 1.00E-09 | 37.262 |
| rs847680 | C | T | 0.028 | 0.003 | 4.00E-22 | 93.513 |
| rs855791 | G | A | 0.021 | 0.002 | 6.20E-22 | 92.653 |
| rs8705 | A | G | 0.013 | 0.002 | 1.10E-08 | 32.581 |
| rs883394 | T | C | 0.018 | 0.002 | 9.20E-17 | 69.131 |
| rs9376091 | T | C | 0.018 | 0.002 | 1.90E-13 | 54.115 |
| rs9392441 | C | T | 0.013 | 0.002 | 3.00E-09 | 35.176 |
| rs9410343 | A | G | 0.044 | 0.004 | 1.40E-23 | 100.112 |
| rs9471669 | G | A | 0.028 | 0.003 | 1.40E-27 | 118.404 |
| rs9534458 | A | G | 0.068 | 0.002 | 2.40E-195 | 888.988 |
| rs9549753 | A | C | 0.047 | 0.002 | 6.10E-103 | 464.118 |
| rs9591136 | A | C | (0.019) | 0.002 | 2.00E-18 | 76.655 |
| rs964184 | C | G | (0.082) | 0.003 | 8.00E-147 | 665.832 |
| rs9900637 | A | C | 0.015 | 0.002 | 6.30E-12 | 47.238 |
| rs9919955 | C | G | 0.020 | 0.003 | 3.40E-12 | 48.416 |
| rs9925477 | G | T | 0.030 | 0.002 | 1.90E-42 | 186.456 |
| rs9937322 | C | G | 0.014 | 0.002 | 2.20E-10 | 40.279 |
| rs9971708 | T | A | (0.025) | 0.003 | 2.60E-17 | 71.648 |
| rs9997942 | G | A | 0.014 | 0.002 | 6.80E-09 | 33.579 |
| rs1006409 | G | A | 0.030 | 0.002 | 7.40E-44 | 192.891 |
| rs10115699 | T | C | (0.019) | 0.002 | 4.90E-15 | 61.281 |
| rs10136273 | T | G | (0.028) | 0.003 | 1.00E-15 | 64.371 |
| rs10162365 | T | C | 0.014 | 0.002 | 8.30E-09 | 33.194 |
| rs10187424 | C | T | (0.019) | 0.002 | 8.20E-18 | 73.895 |
| rs10281257 | T | C | 0.013 | 0.002 | 7.30E-09 | 33.451 |
| rs1041403 | T | C | 0.027 | 0.002 | 5.00E-31 | 134.165 |
| rs10466710 | G | A | (0.019) | 0.002 | 5.20E-17 | 70.265 |
| rs1046919 | G | A | 0.019 | 0.003 | 8.40E-13 | 51.192 |
| rs1056534 | G | C | (0.023) | 0.002 | 6.40E-26 | 110.858 |
| rs1059196 | T | C | 0.036 | 0.002 | 4.10E-46 | 203.236 |
| rs1060431 | A | G | (0.085) | 0.004 | 3.80E-94 | 423.697 |
| rs10770060 | A | G | 0.022 | 0.003 | 4.40E-19 | 79.664 |
| rs10811665 | C | T | 0.016 | 0.003 | 2.60E-08 | 30.956 |
| rs10818454 | A | G | (0.015) | 0.002 | 6.00E-11 | 42.832 |
| rs10820606 | C | A | (0.059) | 0.003 | 1.70E-115 | 521.870 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs10831688 | G | A | 0.012 | 0.002 | 1.60E-08 | 31.880 |
| rs10852622 | G | A | (0.020) | 0.002 | 2.90E-16 | 66.840 |
| rs10882139 | G | A | (0.015) | 0.002 | 1.50E-11 | 45.599 |
| rs10886430 | G | A | 0.041 | 0.003 | 6.90E-36 | 156.416 |
| rs10899504 | A | C | (0.017) | 0.003 | 1.80E-09 | 36.222 |
| rs10911111 | G | A | 0.093 | 0.003 | 1.00E-200 | 1035.922 |
| rs10928513 | T | C | 0.012 | 0.002 | 2.30E-08 | 31.216 |
| rs10933153 | C | A | 0.022 | 0.002 | 9.60E-25 | 105.487 |
| rs10964620 | A | G | 0.019 | 0.002 | 8.60E-17 | 69.276 |
| rs10971924 | A | G | 0.014 | 0.003 | 1.80E-08 | 31.693 |
| rs11013176 | G | A | (0.023) | 0.002 | 3.20E-22 | 93.965 |
| rs11039216 | T | C | 0.019 | 0.002 | 8.60E-18 | 73.816 |
| rs11082304 | T | G | 0.039 | 0.002 | 1.30E-74 | 333.938 |
| rs11083767 | C | T | 0.049 | 0.002 | 7.19E-102 | 459.207 |
| rs11120218 | A | G | 0.038 | 0.003 | 3.00E-31 | 135.209 |
| rs11123325 | A | G | (0.019) | 0.003 | 9.20E-10 | 37.484 |
| rs1114882 | G | A | 0.020 | 0.002 | 9.80E-20 | 82.647 |
| rs11190846 | T | C | 0.016 | 0.002 | 8.30E-14 | 55.726 |
| rs11204523 | C | G | (0.053) | 0.003 | 3.60E-97 | 437.622 |
| rs11204539 | C | G | 0.063 | 0.004 | 5.10E-49 | 216.556 |
| rs11212628 | A | G | (0.021) | 0.003 | 1.50E-12 | 50.035 |
| rs11224309 | G | C | 0.035 | 0.004 | 1.80E-21 | 90.518 |
| rs11235689 | T | C | 0.038 | 0.002 | 7.00E-67 | 298.503 |
| rs112655727 | A | G | (0.049) | 0.009 | 1.60E-08 | 31.985 |
| rs1126643 | T | C | (0.015) | 0.002 | 3.40E-11 | 43.933 |
| rs112875651 | A | G | (0.021) | 0.002 | 8.50E-22 | 92.037 |
| rs112898119 | G | A | 0.056 | 0.008 | 9.40E-13 | 50.976 |
| rs113227645 | T | G | 0.035 | 0.006 | 3.90E-09 | 34.663 |
| rs113270184 | T | C | (0.032) | 0.003 | 5.40E-31 | 134.023 |
| rs113343095 | A | G | 0.019 | 0.003 | 5.90E-09 | 33.866 |
| rs113543437 | A | G | 0.154 | 0.004 | 1.00E-200 | 1375.504 |
| rs113865680 | C | T | 0.021 | 0.003 | 3.10E-14 | 57.676 |
| rs114282886 | T | C | 0.057 | 0.006 | 9.40E-24 | 100.947 |
| rs114694170 | C | T | (0.117) | 0.005 | 4.30E-143 | 648.678 |
| rs114968084 | A | G | 0.047 | 0.007 | 8.00E-13 | 51.280 |
| rs115352378 | T | A | 0.039 | 0.006 | 5.10E-11 | 43.120 |
| rs11553699 | G | A | 0.111 | 0.003 | 1.00E-200 | 1084.305 |
| rs11576356 | A | G | (0.032) | 0.003 | 1.20E-29 | 127.794 |
| rs11598602 | A | G | (0.024) | 0.003 | 2.90E-18 | 75.952 |
| rs11625026 | T | C | 0.016 | 0.002 | 2.00E-11 | 45.019 |
| rs11649317 | C | T | (0.013) | 0.002 | 4.00E-08 | 30.135 |
| rs11671059 | C | T | 0.033 | 0.004 | 1.20E-18 | 77.652 |
| rs116897918 | C | G | 0.140 | 0.006 | 1.60E-122 | 554.075 |
| rs11696739 | A | G | (0.023) | 0.002 | 4.40E-25 | 107.043 |
| rs117068593 | T | C | 0.028 | 0.003 | 1.20E-24 | 105.053 |
| rs117159862 | A | C | 0.048 | 0.006 | 5.80E-15 | 60.954 |
| rs117172295 | A | T | 0.113 | 0.010 | 3.20E-31 | 135.080 |
| rs11734099 | A | G | (0.062) | 0.003 | 4.70E-107 | 483.015 |
| rs118088320 | A | G | (0.055) | 0.006 | 4.70E-21 | 88.635 |
| rs11993233 | G | A | (0.048) | 0.002 | 1.50E-107 | 485.322 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs12067642 | T | G | 0.027 | 0.003 | 6.10E-26 | 110.929 |
| rs12110 | A | G | 0.042 | 0.003 | 2.00E-54 | 241.372 |
| rs12124281 | A | G | (0.049) | 0.002 | 3.60E-106 | 478.976 |
| rs1212871 | T | C | (0.034) | 0.004 | 5.30E-22 | 92.980 |
| rs12128766 | T | C | (0.021) | 0.002 | 3.60E-23 | 98.294 |
| rs12148513 | T | C | (0.022) | 0.002 | 1.30E-22 | 95.829 |
| rs1219275 | C | T | 0.023 | 0.003 | 3.30E-17 | 71.142 |
| rs12202319 | C | G | 0.018 | 0.003 | 2.30E-10 | 40.216 |
| rs12209838 | T | G | 0.020 | 0.003 | 2.80E-11 | 44.343 |
| rs12324667 | T | A | 0.019 | 0.003 | 3.00E-12 | 48.672 |
| rs12422591 | T | A | 0.016 | 0.003 | 1.00E-08 | 32.841 |
| rs12431359 | C | T | (0.015) | 0.002 | 2.70E-10 | 39.914 |
| rs12451471 | T | C | 0.017 | 0.002 | 7.10E-15 | 60.581 |
| rs1246761 | T | C | (0.017) | 0.002 | 2.60E-14 | 58.001 |
| rs12471773 | A | G | (0.041) | 0.003 | 3.70E-54 | 240.140 |
| rs12480262 | G | A | 0.193 | 0.003 | 1.00E-200 | 3284.797 |
| rs1263618 | C | T | (0.015) | 0.002 | 4.50E-11 | 43.372 |
| rs12640722 | T | A | 0.023 | 0.002 | 5.20E-23 | 97.572 |
| rs12667905 | C | A | 0.025 | 0.002 | 3.10E-31 | 135.143 |
| rs12671118 | A | G | 0.031 | 0.004 | 3.70E-13 | 52.779 |
| rs12738019 | G | A | 0.015 | 0.002 | 6.90E-12 | 47.059 |
| rs1283690 | C | T | 0.015 | 0.002 | 2.20E-12 | 49.313 |
| rs12924211 | C | T | (0.020) | 0.002 | 9.20E-18 | 73.680 |
| rs12936897 | A | G | (0.013) | 0.002 | 3.90E-09 | 34.678 |
| rs12938273 | A | G | (0.053) | 0.002 | 3.70E-131 | 593.830 |
| rs12947510 | G | A | 0.021 | 0.004 | 4.00E-09 | 34.614 |
| rs12981216 | T | C | 0.015 | 0.002 | 1.40E-11 | 45.730 |
| rs12981279 | C | T | (0.016) | 0.002 | 1.20E-13 | 54.948 |
| rs13024657 | T | C | 0.019 | 0.003 | 1.60E-10 | 40.899 |
| rs13033725 | G | C | 0.026 | 0.002 | 3.40E-29 | 125.771 |
| rs13096104 | G | A | (0.023) | 0.004 | 2.90E-08 | 30.787 |
| rs13107325 | T | C | (0.050) | 0.004 | 5.70E-34 | 147.630 |
| rs13122868 | G | T | 0.017 | 0.003 | 1.50E-09 | 36.585 |
| rs13213536 | T | A | (0.018) | 0.002 | 1.90E-13 | 54.067 |
| rs13221668 | C | T | (0.031) | 0.002 | 2.00E-45 | 200.130 |
| rs13224082 | T | A | 0.038 | 0.003 | 4.90E-52 | 230.392 |
| rs13234131 | G | A | (0.027) | 0.003 | 5.50E-17 | 70.132 |
| rs13260471 | G | A | 0.093 | 0.003 | 1.00E-200 | 1128.407 |
| rs13338946 | C | T | 0.016 | 0.002 | 2.90E-11 | 44.240 |
| rs1334577 | A | G | 0.017 | 0.003 | 2.10E-11 | 44.905 |
| rs13389363 | G | A | (0.024) | 0.003 | 1.50E-12 | 50.096 |
| rs138540809 | G | A | (0.029) | 0.004 | 1.30E-12 | 50.333 |
| rs138910471 | A | G | (0.062) | 0.005 | 8.20E-34 | 146.906 |
| rs139619205 | G | A | 0.117 | 0.016 | 1.70E-13 | 54.351 |
| rs140243743 | A | G | 0.056 | 0.008 | 1.80E-13 | 54.210 |
| rs141089639 | G | T | 0.021 | 0.003 | 3.20E-12 | 48.568 |
| rs1420476 | A | T | 0.045 | 0.005 | 8.40E-18 | 73.868 |
| rs1436138 | G | A | 0.014 | 0.002 | 1.20E-10 | 41.512 |
| rs1448319 | G | A | (0.068) | 0.005 | 5.30E-48 | 211.891 |
| rs145375841 | G | T | (0.032) | 0.005 | 1.40E-12 | 50.233 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs1466733 | G | A | 0.027 | 0.003 | 2.00E-25 | 108.600 |
| rs1467509 | C | A | 0.018 | 0.002 | 3.40E-15 | 62.028 |
| rs147289819 | A | C | (0.015) | 0.002 | 3.70E-11 | 43.777 |
| rs1500922 | C | G | (0.016) | 0.003 | 1.70E-10 | 40.810 |
| rs151154524 | A | G | (0.038) | 0.006 | 3.80E-11 | 43.715 |
| rs1552272 | T | C | 0.028 | 0.002 | 2.30E-35 | 153.982 |
| rs1562833 | G | A | 0.031 | 0.004 | 1.60E-16 | 68.083 |
| rs1565818 | C | G | (0.021) | 0.003 | 1.10E-09 | 37.154 |
| rs1603584 | G | A | (0.021) | 0.004 | 1.90E-08 | 31.559 |
| rs1613662 | A | G | 0.083 | 0.003 | 6.70E-181 | 822.566 |
| rs167374 | G | A | 0.015 | 0.002 | 1.20E-11 | 45.910 |
| rs16877096 | C | T | (0.015) | 0.003 | 1.00E-08 | 32.807 |
| rs16937003 | A | G | (0.074) | 0.008 | 9.40E-22 | 91.838 |
| rs17138723 | G | C | 0.024 | 0.003 | 1.70E-20 | 86.117 |
| rs17154970 | G | C | 0.052 | 0.008 | 6.10E-11 | 42.802 |
| rs1719285 | A | T | (0.084) | 0.003 | 1.10E-177 | 807.838 |
| rs17292943 | A | G | 0.014 | 0.003 | 1.80E-08 | 31.728 |
| rs1735538 | G | A | 0.018 | 0.002 | 1.50E-12 | 50.021 |
| rs17463814 | A | G | (0.020) | 0.003 | 2.00E-14 | 58.532 |
| rs17558323 | G | C | 0.014 | 0.003 | 1.50E-08 | 32.002 |
| rs17776046 | A | G | 0.017 | 0.002 | 7.40E-14 | 55.964 |
| rs17840761 | A | G | 0.014 | 0.002 | 5.00E-11 | 43.159 |
| rs1790961 | G | T | 0.052 | 0.002 | 4.30E-130 | 588.918 |
| rs1801282 | G | C | (0.026) | 0.003 | 8.10E-15 | 60.310 |
| rs182120 | C | A | (0.014) | 0.002 | 1.20E-09 | 36.979 |
| rs186317244 | T | G | (0.021) | 0.003 | 1.70E-09 | 36.321 |
| rs1870028 | T | C | 0.038 | 0.004 | 2.10E-20 | 85.728 |
| rs1888488 | T | C | (0.014) | 0.002 | 3.90E-10 | 39.159 |
| rs1890946 | C | T | (0.012) | 0.002 | 1.10E-08 | 32.645 |
| rs1909834 | C | A | 0.019 | 0.002 | 4.40E-17 | 70.609 |
| rs1913715 | A | G | 0.013 | 0.002 | 4.70E-09 | 34.304 |
| rs1980532 | G | A | (0.059) | 0.002 | 1.90E-160 | 728.517 |
| rs1981627 | G | A | (0.043) | 0.002 | 1.90E-86 | 388.384 |
| rs1992443 | A | G | (0.037) | 0.002 | 1.60E-51 | 228.010 |
| rs1995534 | C | A | (0.015) | 0.002 | 3.90E-10 | 39.150 |
| rs200891 | G | T | (0.019) | 0.002 | 6.10E-17 | 69.933 |
| rs2058785 | T | C | (0.015) | 0.002 | 3.10E-11 | 44.129 |
| rs2064228 | G | T | (0.017) | 0.002 | 5.20E-13 | 52.141 |
| rs2072114 | G | A | 0.019 | 0.003 | 5.40E-09 | 34.030 |
| rs2093475 | G | A | (0.017) | 0.002 | 1.40E-14 | 59.195 |
| rs214058 | A | G | 0.037 | 0.002 | 2.40E-64 | 286.894 |
| rs2141247 | A | C | (0.013) | 0.002 | 1.50E-09 | 36.593 |
| rs2153960 | A | G | (0.024) | 0.002 | 1.80E-24 | 104.192 |
| rs2230585 | A | G | 0.019 | 0.002 | 9.30E-19 | 78.210 |
| rs2236686 | A | G | (0.014) | 0.002 | 1.40E-08 | 32.223 |
| rs2249250 | T | G | 0.024 | 0.002 | 8.90E-25 | 105.621 |
| rs2267461 | T | C | 0.090 | 0.002 | 1.00E-200 | 1739.611 |
| rs2281721 | T | C | (0.025) | 0.002 | 7.00E-29 | 124.373 |
| rs229576 | T | A | (0.020) | 0.003 | 3.30E-12 | 48.484 |
| rs2298989 | C | T | 0.021 | 0.002 | 2.90E-22 | 94.182 |

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|------------|---|---|---------|-------|-----------|----------|
| rs2321235 | G | A | 0.026 | 0.002 | 3.30E-30 | 130.401 |
| rs2326842 | T | C | (0.027) | 0.003 | 1.60E-22 | 95.395 |
| rs2327528 | A | G | (0.024) | 0.003 | 9.30E-20 | 82.749 |
| rs2429511 | C | T | (0.017) | 0.002 | 2.30E-15 | 62.757 |
| rs2455425 | C | T | 0.022 | 0.004 | 1.40E-08 | 32.195 |
| rs2500220 | T | C | 0.027 | 0.002 | 1.70E-35 | 154.598 |
| rs2520099 | C | T | (0.021) | 0.002 | 4.50E-18 | 75.103 |
| rs2544026 | A | T | 0.016 | 0.002 | 1.50E-10 | 41.085 |
| rs254415 | T | G | 0.031 | 0.002 | 3.90E-40 | 175.836 |
| rs259334 | T | C | 0.036 | 0.004 | 1.50E-19 | 81.851 |
| rs2632372 | C | T | (0.012) | 0.002 | 5.60E-09 | 33.965 |
| rs2723086 | T | C | (0.018) | 0.002 | 2.70E-15 | 62.503 |
| rs2756119 | A | G | (0.018) | 0.002 | 1.40E-15 | 63.741 |
| rs2796881 | C | T | (0.018) | 0.003 | 2.80E-09 | 35.299 |
| rs2823037 | T | C | 0.016 | 0.002 | 2.90E-11 | 44.235 |
| rs2823295 | C | T | (0.015) | 0.003 | 4.90E-08 | 29.738 |
| rs2836430 | G | T | 0.019 | 0.003 | 3.00E-09 | 35.156 |
| rs2842061 | A | G | 0.023 | 0.002 | 2.50E-23 | 98.984 |
| rs28550009 | G | A | (0.019) | 0.003 | 1.60E-08 | 31.948 |
| rs2857460 | T | C | 0.023 | 0.003 | 2.10E-18 | 76.592 |
| rs28609328 | A | G | 0.025 | 0.002 | 1.90E-28 | 122.365 |
| rs28678897 | A | G | (0.044) | 0.004 | 1.20E-27 | 118.779 |
| rs28819766 | T | C | 0.016 | 0.003 | 3.70E-09 | 34.756 |
| rs28883140 | A | G | (0.029) | 0.003 | 2.70E-29 | 126.269 |
| rs2892409 | T | C | (0.016) | 0.002 | 4.80E-14 | 56.803 |
| rs293570 | G | A | 0.018 | 0.002 | 5.70E-15 | 60.997 |
| rs2950393 | A | G | (0.062) | 0.002 | 1.60E-162 | 738.042 |
| rs2999155 | A | G | 0.045 | 0.002 | 6.10E-99 | 445.734 |
| rs342300 | A | T | 0.076 | 0.002 | 1.00E-200 | 1108.923 |
| rs34834842 | G | A | 0.110 | 0.006 | 4.70E-83 | 372.758 |
| rs34870936 | A | G | 0.015 | 0.003 | 2.10E-08 | 31.359 |
| rs35017286 | G | A | (0.016) | 0.002 | 1.70E-13 | 54.383 |
| rs351728 | C | T | (0.013) | 0.002 | 6.50E-09 | 33.674 |
| rs35188965 | T | C | (0.027) | 0.002 | 3.10E-34 | 148.838 |
| rs35267052 | G | T | (0.021) | 0.004 | 4.00E-09 | 34.622 |
| rs35445107 | C | T | 0.016 | 0.003 | 4.10E-08 | 30.115 |
| rs35563401 | T | C | (0.018) | 0.002 | 2.40E-16 | 67.241 |
| rs35564315 | A | C | (0.027) | 0.003 | 2.60E-20 | 85.304 |
| rs3557 | G | T | (0.053) | 0.004 | 2.50E-45 | 199.654 |
| rs3742003 | A | G | (0.034) | 0.003 | 6.10E-37 | 161.213 |
| rs3753650 | A | C | 0.028 | 0.004 | 3.20E-15 | 62.120 |
| rs3767812 | A | G | (0.034) | 0.003 | 1.40E-40 | 177.948 |
| rs3801995 | T | C | (0.014) | 0.002 | 8.70E-09 | 33.113 |
| rs3804749 | T | C | 0.041 | 0.002 | 6.40E-78 | 349.176 |
| rs3824632 | A | G | (0.019) | 0.002 | 7.60E-19 | 78.597 |
| rs3918226 | T | C | (0.026) | 0.004 | 1.70E-10 | 40.728 |
| rs392794 | T | C | 0.017 | 0.002 | 4.70E-12 | 47.788 |
| rs3937015 | C | T | (0.092) | 0.008 | 2.60E-31 | 135.457 |
| rs4068540 | G | A | (0.014) | 0.002 | 1.00E-08 | 32.786 |
| rs4099245 | A | G | (0.018) | 0.002 | 3.90E-16 | 66.304 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs41284294 | C | T | 0.068 | 0.010 | 3.10E-11 | 44.112 |
| rs41307187 | C | T | 0.016 | 0.003 | 3.00E-10 | 39.650 |
| rs428372 | G | A | (0.021) | 0.002 | 3.20E-17 | 71.231 |
| rs4388959 | A | G | 0.013 | 0.002 | 3.30E-08 | 30.533 |
| rs4529894 | G | C | (0.030) | 0.003 | 4.80E-30 | 129.678 |
| rs45488900 | T | G | 0.076 | 0.004 | 3.80E-98 | 442.090 |
| rs45563932 | T | C | 0.019 | 0.003 | 6.70E-13 | 51.635 |
| rs4651254 | C | T | 0.013 | 0.002 | 8.00E-09 | 33.267 |
| rs4654396 | C | T | 0.012 | 0.002 | 1.30E-08 | 32.386 |
| rs4711890 | G | C | (0.043) | 0.002 | 4.80E-70 | 313.025 |
| rs4714958 | T | C | 0.032 | 0.003 | 2.70E-24 | 103.435 |
| rs4721764 | A | G | (0.025) | 0.003 | 3.60E-22 | 93.744 |
| rs4735333 | A | G | (0.018) | 0.002 | 1.20E-17 | 73.107 |
| rs4759076 | C | T | (0.030) | 0.002 | 2.10E-42 | 186.198 |
| rs4775128 | A | G | (0.014) | 0.002 | 1.90E-09 | 36.095 |
| rs4783186 | C | T | 0.063 | 0.003 | 1.40E-82 | 370.571 |
| rs4843185 | A | G | (0.039) | 0.002 | 1.10E-56 | 251.791 |
| rs4859470 | G | A | 0.017 | 0.002 | 1.60E-14 | 58.956 |
| rs489296 | G | T | 0.040 | 0.002 | 7.70E-74 | 330.446 |
| rs4908690 | G | T | (0.021) | 0.002 | 7.60E-19 | 78.588 |
| rs4947972 | C | G | (0.014) | 0.002 | 3.90E-08 | 30.184 |
| rs4952071 | T | C | (0.081) | 0.002 | 1.00E-200 | 1315.125 |
| rs4966015 | T | G | 0.029 | 0.003 | 9.00E-22 | 91.922 |
| rs5017497 | G | T | (0.013) | 0.002 | 1.00E-08 | 32.794 |
| rs530059793 | G | A | 0.124 | 0.012 | 4.30E-25 | 107.084 |
| rs539352 | A | C | (0.012) | 0.002 | 3.60E-08 | 30.352 |
| rs540909 | C | T | 0.058 | 0.002 | 9.10E-121 | 546.060 |
| rs549258056 | T | C | 0.059 | 0.009 | 6.10E-11 | 42.778 |
| rs55662460 | A | G | 0.017 | 0.003 | 6.70E-10 | 38.092 |
| rs55838731 | G | A | 0.015 | 0.002 | 2.30E-10 | 40.180 |
| rs55903042 | A | G | 0.016 | 0.002 | 9.10E-11 | 42.006 |
| rs55970551 | T | C | (0.059) | 0.008 | 2.50E-15 | 62.628 |
| rs561655 | A | G | (0.014) | 0.002 | 1.30E-09 | 36.883 |
| rs56340041 | A | G | 0.027 | 0.003 | 7.50E-19 | 78.630 |
| rs56353063 | C | G | 0.015 | 0.003 | 1.30E-09 | 36.879 |
| rs56944467 | T | G | (0.018) | 0.003 | 4.70E-08 | 29.817 |
| rs57680405 | C | T | 0.038 | 0.007 | 5.70E-09 | 33.941 |
| rs5771359 | T | C | 0.021 | 0.003 | 4.20E-11 | 43.500 |
| rs57843631 | T | C | 0.224 | 0.008 | 7.91E-165 | 748.655 |
| rs58679315 | C | G | (0.223) | 0.009 | 7.10E-136 | 615.493 |
| rs59242558 | C | T | (0.016) | 0.002 | 2.50E-11 | 44.532 |
| rs606552 | G | A | 0.069 | 0.003 | 2.90E-167 | 759.848 |
| rs6124259 | A | G | 0.019 | 0.002 | 1.40E-17 | 72.883 |
| rs61269268 | C | A | 0.034 | 0.003 | 1.10E-31 | 137.122 |
| rs61751937 | C | G | 0.077 | 0.006 | 1.50E-33 | 145.711 |
| rs61776586 | C | T | 0.017 | 0.003 | 6.60E-09 | 33.663 |
| rs61813831 | G | A | (0.039) | 0.006 | 2.90E-10 | 39.764 |
| rs61851769 | T | C | 0.031 | 0.003 | 6.80E-34 | 147.291 |
| rs61963337 | A | G | 0.024 | 0.003 | 1.80E-18 | 76.892 |
| rs61977313 | T | C | 0.029 | 0.004 | 2.70E-16 | 66.982 |

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|------------|---|---|---------|-------|-----------|---------|
| rs62021187 | C | G | (0.012) | 0.002 | 3.00E-08 | 30.693 |
| rs62082086 | G | T | 0.038 | 0.006 | 3.50E-10 | 39.387 |
| rs62191340 | A | G | 0.038 | 0.002 | 9.50E-70 | 311.661 |
| rs62231638 | T | C | (0.087) | 0.008 | 6.70E-28 | 119.872 |
| rs62246446 | G | C | 0.047 | 0.003 | 2.00E-61 | 273.500 |
| rs62291089 | G | C | 0.017 | 0.003 | 9.70E-09 | 32.893 |
| rs62363210 | C | T | (0.020) | 0.003 | 1.20E-10 | 41.542 |
| rs62379580 | C | T | 0.032 | 0.002 | 2.70E-45 | 199.511 |
| rs62484217 | C | T | (0.045) | 0.008 | 1.60E-08 | 31.909 |
| rs62527185 | T | C | (0.041) | 0.007 | 2.60E-08 | 30.971 |
| rs62543170 | G | A | 0.023 | 0.002 | 3.80E-27 | 116.462 |
| rs62577098 | G | C | 0.019 | 0.003 | 1.20E-10 | 41.512 |
| rs6453397 | T | C | 0.036 | 0.002 | 7.00E-53 | 234.273 |
| rs6556405 | C | T | 0.026 | 0.002 | 1.20E-24 | 105.034 |
| rs658495 | A | G | 0.029 | 0.005 | 7.90E-09 | 33.299 |
| rs664414 | G | T | 0.016 | 0.002 | 1.30E-12 | 50.386 |
| rs66530629 | A | G | 0.044 | 0.002 | 2.20E-70 | 314.551 |
| rs66793829 | C | G | 0.053 | 0.003 | 9.50E-75 | 334.614 |
| rs6681849 | T | G | (0.035) | 0.002 | 1.10E-56 | 251.774 |
| rs66958635 | C | T | (0.046) | 0.007 | 1.10E-11 | 46.089 |
| rs671339 | G | A | (0.039) | 0.002 | 1.10E-56 | 251.776 |
| rs6796837 | T | C | (0.021) | 0.002 | 2.60E-19 | 80.696 |
| rs6798870 | A | G | (0.021) | 0.002 | 2.00E-23 | 99.442 |
| rs6807029 | C | A | (0.023) | 0.002 | 9.10E-23 | 96.458 |
| rs6808932 | C | A | 0.013 | 0.002 | 9.80E-09 | 32.876 |
| rs685724 | C | T | (0.014) | 0.002 | 9.40E-10 | 37.451 |
| rs688181 | C | T | 0.036 | 0.002 | 1.70E-52 | 232.540 |
| rs6882345 | A | G | 0.016 | 0.002 | 1.90E-12 | 49.573 |
| rs6928810 | T | C | (0.046) | 0.002 | 1.70E-75 | 338.003 |
| rs6952260 | A | T | 0.024 | 0.003 | 1.20E-20 | 86.870 |
| rs6993770 | T | A | 0.061 | 0.002 | 1.70E-145 | 659.695 |
| rs6994859 | A | G | (0.019) | 0.002 | 5.60E-17 | 70.103 |
| rs6999008 | A | G | 0.015 | 0.002 | 3.10E-12 | 48.622 |
| rs7024673 | T | C | (0.016) | 0.002 | 5.80E-12 | 47.397 |
| rs7083045 | G | A | (0.013) | 0.002 | 9.00E-10 | 37.531 |
| rs7094382 | A | G | (0.015) | 0.002 | 6.10E-12 | 47.290 |
| rs7109587 | G | A | 0.018 | 0.003 | 2.00E-12 | 49.436 |
| rs7140110 | C | T | 0.018 | 0.002 | 5.80E-14 | 56.426 |
| rs71427874 | A | G | 0.030 | 0.003 | 5.70E-26 | 111.081 |
| rs7146146 | G | T | 0.013 | 0.002 | 1.10E-09 | 37.164 |
| rs715 | C | T | 0.015 | 0.002 | 4.50E-11 | 43.376 |
| rs7163838 | C | T | 0.018 | 0.003 | 6.80E-13 | 51.589 |
| rs718515 | A | G | 0.015 | 0.002 | 9.60E-13 | 50.932 |
| rs7216823 | G | A | (0.025) | 0.003 | 1.60E-17 | 72.536 |
| rs7220663 | C | G | (0.032) | 0.004 | 1.20E-16 | 68.551 |
| rs7255581 | G | A | (0.014) | 0.002 | 7.30E-09 | 33.442 |
| rs72660908 | G | C | 0.024 | 0.002 | 1.30E-27 | 118.514 |
| rs72716951 | C | G | (0.038) | 0.006 | 6.30E-12 | 47.246 |
| rs72717841 | C | T | (0.072) | 0.007 | 6.10E-24 | 101.810 |
| rs72770326 | T | C | 0.045 | 0.008 | 2.80E-09 | 35.327 |

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|------------|---|---|---------|-------|-----------|----------|
| rs72814539 | T | C | 0.035 | 0.004 | 1.10E-14 | 59.767 |
| rs72821093 | T | A | (0.017) | 0.003 | 3.20E-09 | 35.086 |
| rs72829457 | T | C | (0.032) | 0.003 | 5.50E-21 | 88.349 |
| rs72937257 | C | T | (0.026) | 0.004 | 4.50E-12 | 47.883 |
| rs72952809 | A | G | (0.041) | 0.006 | 3.00E-12 | 48.702 |
| rs72962490 | T | C | (0.023) | 0.004 | 2.70E-08 | 30.929 |
| rs72997616 | A | C | 0.025 | 0.004 | 2.30E-11 | 44.715 |
| rs73037168 | T | C | (0.029) | 0.003 | 5.20E-19 | 79.338 |
| rs73166052 | T | A | (0.016) | 0.002 | 2.20E-11 | 44.754 |
| rs73168819 | A | G | (0.019) | 0.002 | 2.60E-18 | 76.135 |
| rs73195801 | G | C | 0.050 | 0.005 | 9.60E-23 | 96.351 |
| rs73200023 | A | G | (0.035) | 0.006 | 2.80E-08 | 30.817 |
| rs73205782 | G | T | (0.021) | 0.003 | 2.10E-14 | 58.413 |
| rs73307905 | C | A | 0.015 | 0.003 | 2.50E-08 | 31.074 |
| rs7336979 | G | A | 0.012 | 0.002 | 1.90E-08 | 31.595 |
| rs73573834 | C | A | 0.042 | 0.005 | 6.60E-20 | 83.439 |
| rs74227709 | A | G | 0.137 | 0.004 | 1.00E-200 | 1084.031 |
| rs74332546 | A | G | 0.057 | 0.006 | 2.30E-18 | 76.430 |
| rs74728564 | G | A | (0.042) | 0.006 | 1.70E-11 | 45.283 |
| rs7514180 | A | G | 0.015 | 0.003 | 3.60E-09 | 34.826 |
| rs75497613 | A | C | 0.044 | 0.005 | 1.60E-18 | 77.175 |
| rs7551141 | A | G | (0.016) | 0.002 | 3.60E-14 | 57.389 |
| rs75868777 | C | A | (0.041) | 0.007 | 1.50E-08 | 32.088 |
| rs7593042 | T | A | 0.135 | 0.004 | 1.00E-200 | 1146.405 |
| rs7595550 | A | C | (0.022) | 0.003 | 2.00E-10 | 40.422 |
| rs7649045 | C | T | 0.016 | 0.002 | 4.00E-13 | 52.623 |
| rs7650165 | T | C | 0.024 | 0.002 | 1.20E-22 | 95.874 |
| rs76560907 | C | A | (0.094) | 0.003 | 4.20E-185 | 841.921 |
| rs76642326 | T | C | 0.036 | 0.004 | 2.60E-16 | 67.081 |
| rs76803699 | A | G | 0.034 | 0.006 | 4.70E-08 | 29.831 |
| rs7696969 | G | T | (0.039) | 0.002 | 2.80E-68 | 304.888 |
| rs7734992 | C | T | 0.014 | 0.002 | 3.80E-10 | 39.200 |
| rs77460011 | T | C | (0.042) | 0.007 | 2.40E-09 | 35.656 |
| rs7763043 | T | A | 0.013 | 0.002 | 7.50E-09 | 33.409 |
| rs77632732 | G | A | 0.094 | 0.011 | 3.80E-17 | 70.881 |
| rs7800558 | C | T | 0.019 | 0.002 | 1.60E-18 | 77.076 |
| rs78070886 | G | A | 0.057 | 0.005 | 3.60E-28 | 121.102 |
| rs7808005 | T | C | 0.032 | 0.002 | 1.00E-40 | 178.513 |
| rs78296535 | G | T | (0.075) | 0.007 | 7.20E-30 | 128.889 |
| rs783 | A | G | 0.016 | 0.002 | 3.00E-13 | 53.230 |
| rs78327070 | A | G | 0.024 | 0.004 | 3.80E-09 | 34.744 |
| rs78690665 | C | A | 0.043 | 0.004 | 9.40E-26 | 110.079 |
| rs78831364 | A | C | (0.038) | 0.005 | 1.70E-15 | 63.371 |
| rs78909033 | A | G | (0.042) | 0.003 | 4.40E-40 | 175.606 |
| rs7896518 | G | A | (0.025) | 0.002 | 3.80E-29 | 125.603 |
| rs79376190 | G | C | 0.022 | 0.003 | 1.80E-12 | 49.686 |
| rs7949566 | A | G | 0.020 | 0.002 | 4.40E-20 | 84.232 |
| rs7956772 | A | C | 0.022 | 0.004 | 7.00E-10 | 38.022 |
| rs79716587 | A | G | 0.040 | 0.003 | 1.80E-34 | 149.955 |
| rs7974988 | G | A | 0.014 | 0.002 | 2.80E-10 | 39.794 |

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|-----------------------------|------------|---|---|---------|-------|-----------|----------|--------|---------|
| | rs802171 | G | A | 0.036 | 0.002 | 3.60E-61 | 272.260 | | |
| | rs8048275 | G | A | (0.033) | 0.005 | 2.40E-10 | 40.087 | | |
| | rs8077177 | T | C | (0.056) | 0.006 | 7.50E-24 | 101.415 | | |
| | rs8098454 | T | C | (0.028) | 0.004 | 3.70E-13 | 52.802 | | |
| | rs8106212 | T | C | 0.139 | 0.010 | 2.30E-43 | 190.673 | | |
| | rs8113491 | T | C | (0.013) | 0.002 | 4.10E-09 | 34.564 | | |
| | rs8116503 | T | C | (0.016) | 0.003 | 1.00E-09 | 37.262 | | |
| | rs847680 | C | T | 0.028 | 0.003 | 4.00E-22 | 93.513 | | |
| | rs855791 | G | A | 0.021 | 0.002 | 6.20E-22 | 92.653 | | |
| | rs8705 | A | G | 0.013 | 0.002 | 1.10E-08 | 32.581 | | |
| | rs883394 | T | C | 0.018 | 0.002 | 9.20E-17 | 69.131 | | |
| | rs9376091 | T | C | 0.018 | 0.002 | 1.90E-13 | 54.115 | | |
| | rs9392441 | C | T | 0.013 | 0.002 | 3.00E-09 | 35.176 | | |
| | rs9410343 | A | G | 0.044 | 0.004 | 1.40E-23 | 100.112 | | |
| | rs9471669 | G | A | 0.028 | 0.003 | 1.40E-27 | 118.404 | | |
| | rs9534458 | A | G | 0.068 | 0.002 | 2.40E-195 | 888.988 | | |
| | rs9549753 | A | C | 0.047 | 0.002 | 6.10E-103 | 464.118 | | |
| | rs9591136 | A | C | (0.019) | 0.002 | 2.00E-18 | 76.655 | | |
| | rs964184 | C | G | (0.082) | 0.003 | 8.00E-147 | 665.832 | | |
| | rs9900637 | A | C | 0.015 | 0.002 | 6.30E-12 | 47.238 | | |
| | rs9919955 | C | G | 0.020 | 0.003 | 3.40E-12 | 48.416 | | |
| | rs9925477 | G | T | 0.030 | 0.002 | 1.90E-42 | 186.456 | | |
| | rs9937322 | C | G | 0.014 | 0.002 | 2.20E-10 | 40.279 | | |
| | rs9971708 | T | A | (0.025) | 0.003 | 2.60E-17 | 71.648 | | |
| | rs9997942 | G | A | 0.014 | 0.002 | 6.80E-09 | 33.579 | | |
| Mean Platelet Volume | rs10047928 | A | G | 0.029 | 0.002 | 1.80E-35 | 154.496 | 80.621 | 197.652 |
| | rs10048745 | A | G | 0.014 | 0.002 | 3.90E-09 | 34.682 | | |
| | rs10113898 | G | A | (0.013) | 0.002 | 1.10E-09 | 37.087 | | |
| | rs10212636 | C | T | 0.021 | 0.002 | 6.30E-19 | 78.962 | | |
| | rs10237268 | C | A | (0.021) | 0.004 | 2.20E-08 | 31.283 | | |
| | rs10418205 | G | A | 0.020 | 0.002 | 5.30E-21 | 88.403 | | |
| | rs10459246 | T | G | (0.067) | 0.002 | 1.00E-200 | 1027.431 | | |
| | rs1047891 | A | C | 0.030 | 0.002 | 3.50E-43 | 189.829 | | |
| | rs10506015 | C | G | (0.016) | 0.003 | 7.30E-10 | 37.943 | | |
| | rs1059196 | T | C | 0.049 | 0.002 | 1.50E-93 | 420.949 | | |
| | rs10777748 | G | T | (0.013) | 0.002 | 4.30E-08 | 29.992 | | |
| | rs10813766 | G | T | (0.055) | 0.002 | 1.20E-141 | 641.964 | | |
| | rs10820606 | C | A | (0.034) | 0.002 | 1.80E-43 | 191.149 | | |
| | rs10844279 | G | T | (0.052) | 0.003 | 5.60E-71 | 317.309 | | |
| | rs10886437 | T | C | 0.035 | 0.003 | 7.40E-39 | 170.012 | | |
| | rs10894020 | C | T | (0.014) | 0.002 | 1.20E-10 | 41.442 | | |
| | rs10896024 | G | A | (0.031) | 0.002 | 2.60E-49 | 217.880 | | |
| | rs10940072 | A | G | 0.022 | 0.002 | 3.00E-26 | 112.329 | | |
| | rs10947613 | A | G | (0.017) | 0.002 | 3.60E-14 | 57.383 | | |
| | rs10961948 | C | T | (0.016) | 0.003 | 1.40E-08 | 32.240 | | |
| | rs10970979 | G | A | 0.045 | 0.002 | 4.10E-90 | 405.205 | | |
| | rs11071720 | C | T | (0.058) | 0.002 | 1.50E-148 | 673.809 | | |
| | rs11072496 | T | C | 0.026 | 0.003 | 7.80E-20 | 83.107 | | |
| | rs11075750 | G | A | (0.020) | 0.002 | 3.90E-20 | 84.471 | | |

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|-------------|---|---|---------|-------|-----------|----------|
| rs11078288 | G | A | (0.056) | 0.009 | 1.90E-10 | 40.557 |
| rs11082304 | T | G | 0.045 | 0.002 | 5.70E-107 | 482.630 |
| rs11083766 | C | T | 0.068 | 0.002 | 1.00E-200 | 981.616 |
| rs11121012 | G | A | (0.031) | 0.002 | 1.50E-46 | 205.257 |
| rs11121529 | G | C | 0.082 | 0.003 | 4.30E-144 | 653.292 |
| rs11128264 | T | C | (0.013) | 0.002 | 4.90E-10 | 38.733 |
| rs111592250 | A | G | 0.020 | 0.003 | 3.40E-10 | 39.421 |
| rs11168257 | G | A | (0.018) | 0.002 | 1.90E-15 | 63.157 |
| rs11186859 | G | C | 0.013 | 0.002 | 6.00E-09 | 33.819 |
| rs11195945 | T | C | 0.054 | 0.003 | 2.20E-64 | 286.997 |
| rs112100699 | T | C | 0.015 | 0.003 | 2.40E-08 | 31.172 |
| rs1122234 | T | C | 0.059 | 0.008 | 1.20E-14 | 59.499 |
| rs11229075 | C | A | (0.030) | 0.002 | 6.30E-38 | 165.756 |
| rs11240341 | C | T | (0.073) | 0.002 | 1.00E-200 | 1133.704 |
| rs112467797 | G | A | (0.063) | 0.008 | 3.60E-14 | 57.372 |
| rs11247735 | A | G | (0.013) | 0.002 | 1.20E-10 | 41.439 |
| rs1126643 | T | C | (0.012) | 0.002 | 7.80E-09 | 33.331 |
| rs112744251 | T | C | (0.028) | 0.004 | 4.90E-11 | 43.212 |
| rs113848517 | G | A | (0.081) | 0.005 | 4.70E-51 | 225.876 |
| rs114427647 | T | C | 0.065 | 0.005 | 1.80E-38 | 168.192 |
| rs114694170 | C | T | (0.140) | 0.004 | 1.00E-200 | 1018.988 |
| rs114968084 | A | G | 0.086 | 0.006 | 2.60E-42 | 185.807 |
| rs115060008 | C | A | (0.019) | 0.004 | 4.60E-08 | 29.862 |
| rs115770471 | T | A | (0.067) | 0.010 | 1.60E-11 | 45.373 |
| rs1158569 | C | A | (0.041) | 0.002 | 3.70E-87 | 391.589 |
| rs11585858 | A | C | (0.026) | 0.002 | 1.60E-26 | 113.568 |
| rs11585973 | G | A | 0.028 | 0.003 | 1.80E-23 | 99.707 |
| rs11627032 | C | T | (0.018) | 0.002 | 1.00E-14 | 59.809 |
| rs11663341 | A | T | 0.015 | 0.002 | 6.30E-10 | 38.233 |
| rs116735454 | C | T | (0.136) | 0.006 | 4.60E-124 | 561.189 |
| rs11681966 | A | C | 0.022 | 0.002 | 5.10E-25 | 106.732 |
| rs11702425 | C | T | (0.014) | 0.002 | 2.70E-10 | 39.912 |
| rs11711320 | T | C | 0.020 | 0.002 | 1.20E-16 | 68.603 |
| rs11712455 | G | A | 0.057 | 0.005 | 2.60E-34 | 149.201 |
| rs117128711 | T | C | (0.052) | 0.006 | 2.70E-19 | 80.621 |
| rs11714248 | A | G | (0.014) | 0.002 | 8.30E-12 | 46.696 |
| rs117173117 | A | T | (0.027) | 0.004 | 1.00E-10 | 41.748 |
| rs117395928 | T | C | (0.076) | 0.010 | 3.50E-14 | 57.420 |
| rs11756806 | T | C | 0.041 | 0.003 | 7.30E-35 | 151.723 |
| rs117625066 | A | G | 0.016 | 0.003 | 1.40E-09 | 36.639 |
| rs11765436 | A | T | (0.015) | 0.002 | 2.30E-12 | 49.194 |
| rs11775560 | G | A | 0.017 | 0.003 | 1.50E-10 | 41.065 |
| rs118001372 | T | C | 0.034 | 0.004 | 1.50E-14 | 59.058 |
| rs118033845 | A | G | 0.068 | 0.006 | 1.00E-32 | 141.893 |
| rs118062113 | A | T | 0.067 | 0.010 | 2.60E-12 | 48.971 |
| rs118170190 | T | C | 0.040 | 0.005 | 9.90E-15 | 59.913 |
| rs11894682 | G | T | (0.106) | 0.005 | 5.11E-107 | 482.876 |
| rs11898764 | T | C | (0.025) | 0.002 | 3.00E-27 | 116.935 |
| rs11936046 | A | G | 0.013 | 0.002 | 2.80E-10 | 39.827 |
| rs11993233 | G | A | (0.031) | 0.002 | 3.40E-49 | 217.389 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs12033187 | T | C | (0.016) | 0.002 | 1.80E-14 | 58.767 |
| rs12041331 | A | G | (0.081) | 0.004 | 8.00E-109 | 491.147 |
| rs12063500 | T | C | 0.046 | 0.004 | 1.80E-29 | 127.072 |
| rs12118065 | A | G | 0.067 | 0.002 | 1.00E-200 | 1045.237 |
| rs12121085 | T | G | (0.011) | 0.002 | 3.40E-08 | 30.482 |
| rs1217414 | A | G | 0.013 | 0.002 | 7.30E-09 | 33.444 |
| rs12217146 | A | G | 0.034 | 0.006 | 3.50E-09 | 34.871 |
| rs12231498 | T | C | 0.065 | 0.002 | 1.00E-200 | 934.029 |
| rs12418931 | A | C | (0.016) | 0.002 | 8.10E-14 | 55.771 |
| rs12426629 | G | C | (0.035) | 0.005 | 1.30E-11 | 45.744 |
| rs12445050 | T | C | 0.055 | 0.003 | 1.20E-74 | 334.218 |
| rs12454829 | A | C | 0.039 | 0.003 | 6.40E-37 | 161.119 |
| rs12465143 | T | C | (0.125) | 0.003 | 1.00E-200 | 1372.945 |
| rs12515523 | A | G | 0.033 | 0.003 | 9.70E-30 | 128.284 |
| rs1255263 | C | G | (0.024) | 0.003 | 8.80E-19 | 78.305 |
| rs12593477 | T | A | 0.021 | 0.003 | 1.70E-12 | 49.769 |
| rs12625404 | T | C | 0.024 | 0.002 | 1.80E-30 | 131.645 |
| rs12637288 | A | G | 0.017 | 0.002 | 2.80E-17 | 71.508 |
| rs12666411 | A | C | (0.043) | 0.004 | 2.10E-30 | 131.326 |
| rs12684581 | G | T | (0.015) | 0.002 | 1.60E-11 | 45.432 |
| rs12827036 | T | G | 0.095 | 0.002 | 1.00E-200 | 2226.299 |
| rs12935775 | A | G | (0.020) | 0.002 | 7.00E-21 | 87.865 |
| rs12940204 | T | C | 0.018 | 0.002 | 5.60E-18 | 74.668 |
| rs12979144 | A | G | 0.022 | 0.002 | 2.90E-25 | 107.840 |
| rs13098005 | T | C | (0.039) | 0.003 | 2.20E-55 | 245.781 |
| rs13224082 | T | A | 0.029 | 0.002 | 7.40E-34 | 147.129 |
| rs13231886 | A | G | (0.018) | 0.002 | 2.20E-18 | 76.513 |
| rs13233747 | A | G | (0.023) | 0.002 | 1.80E-27 | 117.948 |
| rs13257521 | G | C | 0.021 | 0.003 | 5.70E-16 | 65.544 |
| rs13257813 | A | G | (0.023) | 0.002 | 4.50E-25 | 106.987 |
| rs13266369 | G | T | (0.012) | 0.002 | 2.70E-08 | 30.887 |
| rs1328599 | T | G | 0.046 | 0.004 | 1.10E-32 | 141.797 |
| rs13314114 | C | T | 0.044 | 0.002 | 7.80E-102 | 459.040 |
| rs1332835 | T | G | (0.014) | 0.002 | 1.30E-09 | 36.835 |
| rs1354036 | C | T | (0.085) | 0.002 | 1.00E-200 | 1564.736 |
| rs1369236 | G | A | (0.050) | 0.004 | 1.30E-43 | 191.759 |
| rs1385452 | T | G | (0.012) | 0.002 | 1.80E-08 | 31.722 |
| rs138606434 | T | C | 0.051 | 0.006 | 1.90E-18 | 76.751 |
| rs138881192 | A | G | (0.043) | 0.007 | 6.10E-09 | 33.806 |
| rs141492190 | G | A | 0.069 | 0.008 | 3.90E-19 | 79.933 |
| rs1429271 | C | T | 0.024 | 0.003 | 3.10E-14 | 57.656 |
| rs144597972 | T | G | 0.061 | 0.006 | 2.20E-23 | 99.235 |
| rs145175283 | A | G | (0.040) | 0.007 | 3.70E-08 | 30.305 |
| rs146281383 | T | C | (0.038) | 0.006 | 8.90E-10 | 37.553 |
| rs146818600 | T | C | (0.038) | 0.004 | 4.50E-21 | 88.748 |
| rs147583009 | T | C | (0.222) | 0.011 | 2.60E-98 | 442.866 |
| rs1476096 | C | A | (0.027) | 0.002 | 1.70E-39 | 172.933 |
| rs147837849 | C | T | 0.053 | 0.009 | 9.50E-09 | 32.935 |
| rs147886588 | G | C | 0.026 | 0.003 | 7.20E-21 | 87.812 |
| rs148578645 | T | C | (0.052) | 0.006 | 9.10E-16 | 64.626 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs148641669 | T | C | 0.019 | 0.003 | 9.90E-09 | 32.855 |
| rs149039920 | A | G | 0.130 | 0.009 | 1.90E-51 | 227.721 |
| rs149511257 | A | G | 0.091 | 0.012 | 1.00E-14 | 59.900 |
| rs150704300 | G | A | (0.072) | 0.007 | 1.20E-24 | 105.038 |
| rs151234 | C | G | (0.063) | 0.003 | 1.20E-95 | 430.566 |
| rs1518991 | T | C | (0.019) | 0.002 | 1.30E-20 | 86.601 |
| rs1550638 | T | C | (0.019) | 0.003 | 2.10E-11 | 44.870 |
| rs156355 | C | T | 0.060 | 0.002 | 2.50E-175 | 796.935 |
| rs1569419 | C | T | 0.030 | 0.002 | 3.60E-34 | 148.560 |
| rs1635291 | A | G | 0.030 | 0.002 | 1.10E-35 | 155.494 |
| rs1647385 | A | G | (0.033) | 0.003 | 8.70E-35 | 151.373 |
| rs1654425 | C | T | 0.058 | 0.003 | 1.00E-96 | 435.556 |
| rs1664485 | T | A | (0.063) | 0.008 | 2.00E-14 | 58.565 |
| rs16853239 | C | T | 0.038 | 0.004 | 2.10E-22 | 94.799 |
| rs16854980 | C | T | (0.130) | 0.007 | 2.30E-73 | 328.293 |
| rs16918645 | G | A | 0.054 | 0.004 | 1.40E-35 | 154.983 |
| rs16982339 | G | A | (0.021) | 0.003 | 1.20E-15 | 63.993 |
| rs17037388 | G | A | 0.021 | 0.003 | 5.60E-14 | 56.517 |
| rs17068850 | G | A | (0.028) | 0.003 | 1.80E-26 | 113.398 |
| rs17225878 | G | A | 0.118 | 0.003 | 1.00E-200 | 1951.973 |
| rs17231282 | T | C | (0.048) | 0.007 | 9.80E-13 | 50.880 |
| rs17256211 | G | A | 0.016 | 0.002 | 4.50E-14 | 56.949 |
| rs1736150 | A | G | (0.019) | 0.002 | 2.00E-19 | 81.288 |
| rs17382379 | G | A | 0.014 | 0.002 | 5.60E-10 | 38.440 |
| rs174544 | A | C | (0.050) | 0.002 | 2.10E-112 | 507.594 |
| rs17572109 | A | G | (0.037) | 0.002 | 9.60E-53 | 233.628 |
| rs17581728 | T | C | 0.020 | 0.002 | 2.00E-16 | 67.635 |
| rs17593311 | C | G | 0.044 | 0.007 | 3.10E-09 | 35.112 |
| rs17726337 | C | G | (0.087) | 0.005 | 1.10E-56 | 251.651 |
| rs17758695 | T | C | (0.083) | 0.006 | 2.10E-42 | 186.278 |
| rs17853159 | A | G | (0.044) | 0.004 | 5.60E-32 | 138.517 |
| rs1788234 | T | C | (0.064) | 0.002 | 1.00E-200 | 917.519 |
| rs1795964 | G | A | 0.072 | 0.002 | 1.00E-200 | 1111.959 |
| rs182120 | C | A | (0.016) | 0.002 | 5.70E-12 | 47.444 |
| rs184885436 | T | C | (0.081) | 0.009 | 9.90E-18 | 73.525 |
| rs1883258 | T | G | 0.038 | 0.002 | 3.70E-73 | 327.320 |
| rs190712219 | A | G | (0.090) | 0.008 | 1.70E-26 | 113.482 |
| rs1981150 | T | C | (0.027) | 0.003 | 6.40E-17 | 69.847 |
| rs2005277 | C | T | (0.012) | 0.002 | 3.50E-09 | 34.868 |
| rs200838 | C | A | (0.042) | 0.002 | 1.00E-93 | 421.762 |
| rs2014511 | A | G | (0.072) | 0.006 | 6.80E-36 | 156.431 |
| rs203417 | C | T | 0.026 | 0.004 | 1.30E-09 | 36.780 |
| rs203482 | A | G | (0.030) | 0.002 | 4.70E-48 | 212.147 |
| rs2048084 | T | G | 0.016 | 0.002 | 1.40E-14 | 59.187 |
| rs2051105 | A | G | (0.017) | 0.002 | 5.40E-16 | 65.641 |
| rs2057149 | T | C | (0.035) | 0.002 | 3.50E-58 | 258.600 |
| rs2075511 | C | A | (0.011) | 0.002 | 2.40E-08 | 31.108 |
| rs2079356 | T | C | (0.103) | 0.002 | 1.00E-200 | 2283.150 |
| rs2157770 | G | A | (0.043) | 0.002 | 2.10E-80 | 360.588 |
| rs2233713 | C | A | (0.014) | 0.002 | 3.00E-11 | 44.159 |

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|------------|---|---|---------|-------|-----------|----------|
| rs2244700 | G | A | (0.029) | 0.002 | 1.20E-44 | 196.574 |
| rs2268015 | C | T | (0.021) | 0.002 | 2.80E-24 | 103.352 |
| rs2279965 | G | A | (0.020) | 0.002 | 7.00E-19 | 78.772 |
| rs2299979 | T | A | (0.030) | 0.004 | 2.30E-15 | 62.805 |
| rs2304281 | A | G | (0.018) | 0.003 | 4.60E-12 | 47.833 |
| rs2305758 | T | C | 0.023 | 0.002 | 8.20E-25 | 105.799 |
| rs234108 | A | G | 0.016 | 0.002 | 2.80E-14 | 57.845 |
| rs2412653 | A | G | 0.023 | 0.003 | 2.00E-12 | 49.480 |
| rs2422442 | A | C | (0.016) | 0.002 | 4.50E-12 | 47.896 |
| rs2427866 | A | G | 0.012 | 0.002 | 2.00E-08 | 31.499 |
| rs246454 | A | C | 0.014 | 0.002 | 4.90E-11 | 43.230 |
| rs2505084 | A | G | (0.011) | 0.002 | 4.80E-08 | 29.785 |
| rs2516471 | A | G | (0.125) | 0.004 | 1.30E-186 | 848.877 |
| rs2526833 | G | A | 0.012 | 0.002 | 5.60E-09 | 33.958 |
| rs2577627 | G | T | 0.020 | 0.002 | 1.50E-21 | 90.969 |
| rs2594950 | C | G | (0.013) | 0.002 | 1.50E-09 | 36.489 |
| rs2605492 | A | C | (0.066) | 0.002 | 1.00E-200 | 1046.153 |
| rs2639793 | G | A | 0.022 | 0.003 | 4.00E-18 | 75.334 |
| rs2659582 | A | G | 0.016 | 0.002 | 9.50E-14 | 55.473 |
| rs2691475 | A | G | 0.020 | 0.002 | 8.90E-21 | 87.391 |
| rs2709865 | C | T | 0.070 | 0.004 | 3.00E-58 | 258.854 |
| rs2723242 | G | A | 0.017 | 0.002 | 1.40E-12 | 50.202 |
| rs2723261 | T | C | 0.017 | 0.002 | 5.90E-15 | 60.923 |
| rs2730347 | T | A | (0.019) | 0.003 | 6.70E-09 | 33.615 |
| rs2789422 | A | G | 0.030 | 0.002 | 3.10E-47 | 208.361 |
| rs2794868 | G | A | (0.052) | 0.006 | 4.60E-18 | 75.056 |
| rs2800446 | A | T | (0.024) | 0.003 | 2.70E-18 | 76.087 |
| rs2834735 | C | T | (0.014) | 0.002 | 1.60E-10 | 40.900 |
| rs28396651 | G | A | 0.032 | 0.002 | 4.40E-53 | 235.207 |
| rs28507876 | G | A | (0.025) | 0.002 | 3.20E-24 | 103.116 |
| rs2856650 | A | G | 0.019 | 0.002 | 1.80E-17 | 72.371 |
| rs2857464 | C | A | 0.031 | 0.002 | 1.60E-35 | 154.721 |
| rs28594922 | G | A | (0.018) | 0.002 | 1.70E-14 | 58.813 |
| rs28681431 | A | G | 0.022 | 0.003 | 1.90E-18 | 76.778 |
| rs287899 | T | C | (0.013) | 0.002 | 9.50E-09 | 32.945 |
| rs293570 | G | A | (0.015) | 0.002 | 6.10E-11 | 42.779 |
| rs2966431 | A | G | (0.021) | 0.003 | 1.70E-10 | 40.737 |
| rs3013439 | G | T | 0.024 | 0.002 | 3.30E-33 | 144.132 |
| rs34036230 | A | C | 0.027 | 0.003 | 2.20E-17 | 71.969 |
| rs34110295 | G | A | (0.019) | 0.003 | 7.90E-14 | 55.842 |
| rs34346558 | C | A | (0.035) | 0.003 | 1.00E-42 | 187.645 |
| rs34350312 | A | T | 0.031 | 0.003 | 2.20E-31 | 135.803 |
| rs34415062 | A | G | (0.024) | 0.003 | 3.90E-19 | 79.900 |
| rs34426467 | A | T | 0.018 | 0.002 | 9.30E-19 | 78.210 |
| rs34677431 | T | A | (0.023) | 0.002 | 9.10E-25 | 105.578 |
| rs34736275 | A | G | (0.014) | 0.002 | 3.20E-11 | 44.040 |
| rs34941271 | T | G | 0.082 | 0.011 | 2.10E-13 | 53.955 |
| rs34978408 | A | C | 0.021 | 0.003 | 7.00E-16 | 65.140 |
| rs34980052 | G | A | 0.020 | 0.002 | 2.10E-18 | 76.584 |
| rs35013380 | G | A | (0.012) | 0.002 | 4.50E-08 | 29.917 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs35150201 | G | T | (0.022) | 0.002 | 1.90E-26 | 113.257 |
| rs35188965 | T | C | (0.037) | 0.002 | 2.00E-71 | 319.380 |
| rs35258120 | A | G | (0.031) | 0.003 | 1.10E-31 | 137.212 |
| rs35404500 | T | A | 0.015 | 0.002 | 4.20E-10 | 39.025 |
| rs35825959 | A | T | (0.016) | 0.003 | 1.70E-08 | 31.772 |
| rs36083909 | A | G | (0.019) | 0.003 | 3.00E-09 | 35.208 |
| rs36186660 | A | G | 0.020 | 0.002 | 3.10E-23 | 98.582 |
| rs363064 | T | C | 0.027 | 0.002 | 7.20E-33 | 142.610 |
| rs3767809 | C | T | (0.043) | 0.002 | 2.00E-68 | 305.580 |
| rs3796008 | A | G | 0.021 | 0.002 | 1.60E-24 | 104.451 |
| rs3809547 | G | C | (0.024) | 0.002 | 6.30E-23 | 97.197 |
| rs3811604 | T | A | (0.024) | 0.004 | 3.00E-08 | 30.706 |
| rs3816086 | C | T | (0.015) | 0.002 | 2.50E-13 | 53.557 |
| rs3857175 | A | G | 0.024 | 0.002 | 3.60E-22 | 93.717 |
| rs3924236 | T | C | (0.034) | 0.002 | 7.30E-64 | 284.651 |
| rs41273668 | A | T | (0.037) | 0.006 | 2.30E-10 | 40.157 |
| rs4236051 | T | C | (0.231) | 0.011 | 5.20E-103 | 464.453 |
| rs4382936 | C | A | 0.013 | 0.002 | 2.70E-09 | 35.379 |
| rs442472 | T | C | (0.013) | 0.002 | 2.10E-08 | 31.355 |
| rs4460776 | A | C | 0.015 | 0.002 | 2.50E-13 | 53.550 |
| rs4496372 | T | C | (0.012) | 0.002 | 1.50E-08 | 32.032 |
| rs4538653 | C | G | 0.046 | 0.002 | 3.50E-95 | 428.482 |
| rs45510500 | T | C | 0.044 | 0.005 | 1.00E-22 | 96.185 |
| rs4639700 | T | C | (0.015) | 0.002 | 2.30E-11 | 44.726 |
| rs4700002 | A | T | (0.024) | 0.002 | 1.90E-28 | 122.359 |
| rs4711890 | G | C | (0.039) | 0.002 | 3.30E-63 | 281.648 |
| rs4746855 | A | G | (0.063) | 0.002 | 1.00E-200 | 916.621 |
| rs4786476 | A | G | 0.012 | 0.002 | 1.20E-08 | 32.455 |
| rs4814508 | C | T | 0.013 | 0.002 | 6.40E-11 | 42.705 |
| rs4824112 | G | A | (0.031) | 0.003 | 3.40E-33 | 144.115 |
| rs4849845 | A | G | 0.041 | 0.002 | 3.70E-76 | 341.060 |
| rs4871499 | G | T | 0.012 | 0.002 | 9.90E-09 | 32.870 |
| rs4909945 | C | T | (0.031) | 0.002 | 1.30E-44 | 196.334 |
| rs4921105 | G | A | 0.020 | 0.003 | 3.40E-11 | 43.913 |
| rs4926718 | G | A | 0.014 | 0.002 | 6.10E-09 | 33.804 |
| rs4941565 | G | T | (0.030) | 0.002 | 3.40E-44 | 194.467 |
| rs4950886 | A | G | (0.014) | 0.002 | 1.30E-11 | 45.855 |
| rs4952073 | C | T | (0.075) | 0.002 | 1.00E-200 | 1090.768 |
| rs4970966 | T | G | 0.016 | 0.002 | 1.40E-10 | 41.136 |
| rs4972699 | C | G | 0.038 | 0.005 | 6.10E-14 | 56.338 |
| rs4980840 | A | G | 0.015 | 0.003 | 9.40E-09 | 32.957 |
| rs504082 | T | G | (0.014) | 0.002 | 1.50E-09 | 36.477 |
| rs511141 | A | G | (0.013) | 0.002 | 2.80E-09 | 35.337 |
| rs530059793 | G | A | 0.125 | 0.011 | 2.30E-28 | 122.004 |
| rs531503 | C | T | 0.014 | 0.002 | 9.90E-11 | 41.833 |
| rs55709369 | A | G | 0.031 | 0.005 | 1.00E-10 | 41.812 |
| rs55844975 | C | T | (0.018) | 0.003 | 6.30E-10 | 38.232 |
| rs55874505 | G | T | 0.024 | 0.002 | 8.10E-30 | 128.642 |
| rs55903042 | A | G | 0.015 | 0.002 | 1.10E-10 | 41.563 |
| rs55905547 | G | A | (0.072) | 0.003 | 1.00E-163 | 743.572 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs56043070 | A | G | 0.120 | 0.004 | 4.70E-200 | 910.657 |
| rs56079926 | T | C | 0.017 | 0.002 | 1.20E-14 | 59.563 |
| rs56094005 | G | A | 0.062 | 0.005 | 1.10E-34 | 150.844 |
| rs56094988 | C | G | (0.022) | 0.004 | 1.60E-09 | 36.432 |
| rs56106611 | G | T | (0.240) | 0.008 | 4.00E-193 | 878.799 |
| rs56116444 | G | T | (0.032) | 0.004 | 2.00E-16 | 67.576 |
| rs56125990 | G | A | 0.022 | 0.003 | 3.90E-14 | 57.235 |
| rs56133113 | G | A | (0.039) | 0.003 | 3.70E-34 | 148.514 |
| rs56287412 | C | T | 0.017 | 0.002 | 8.00E-17 | 69.400 |
| rs56326157 | C | T | (0.025) | 0.003 | 3.70E-23 | 98.254 |
| rs56681946 | C | T | (0.017) | 0.002 | 5.00E-15 | 61.256 |
| rs5749169 | C | T | (0.019) | 0.003 | 2.00E-09 | 35.931 |
| rs5757946 | G | A | 0.014 | 0.002 | 2.20E-10 | 40.254 |
| rs57581963 | A | G | 0.016 | 0.002 | 3.30E-13 | 53.044 |
| rs5758910 | C | G | (0.032) | 0.002 | 1.80E-46 | 204.868 |
| rs577681458 | A | C | 0.066 | 0.004 | 8.90E-64 | 284.258 |
| rs57935882 | C | G | (0.042) | 0.004 | 4.10E-33 | 143.724 |
| rs583306 | T | C | (0.047) | 0.002 | 1.60E-90 | 407.099 |
| rs58761612 | A | G | (0.026) | 0.004 | 1.20E-11 | 46.023 |
| rs590820 | G | A | 0.013 | 0.002 | 4.90E-10 | 38.706 |
| rs594164 | C | A | (0.017) | 0.002 | 7.60E-16 | 64.971 |
| rs59508494 | G | A | 0.260 | 0.008 | 1.00E-200 | 1018.575 |
| rs6031849 | T | G | 0.029 | 0.002 | 3.40E-37 | 162.383 |
| rs603424 | A | G | (0.060) | 0.003 | 2.20E-107 | 484.509 |
| rs60371757 | A | T | (0.031) | 0.003 | 4.20E-30 | 129.943 |
| rs60408013 | C | T | 0.015 | 0.002 | 1.60E-12 | 49.877 |
| rs6045559 | T | C | (0.071) | 0.002 | 1.00E-200 | 1048.477 |
| rs6058375 | A | T | (0.020) | 0.003 | 9.00E-13 | 51.059 |
| rs6065 | T | C | (0.050) | 0.004 | 1.20E-37 | 164.537 |
| rs60695258 | T | C | (0.020) | 0.002 | 5.30E-22 | 92.982 |
| rs60757417 | G | C | 0.113 | 0.004 | 3.20E-148 | 672.295 |
| rs6081569 | C | G | 0.025 | 0.002 | 9.70E-32 | 137.438 |
| rs61009920 | A | C | (0.052) | 0.003 | 3.30E-67 | 299.970 |
| rs61269268 | C | A | (0.040) | 0.003 | 9.00E-49 | 215.416 |
| rs616008 | T | C | (0.013) | 0.002 | 1.30E-09 | 36.869 |
| rs61607560 | T | C | (0.034) | 0.003 | 1.40E-32 | 141.339 |
| rs61751937 | C | G | 0.055 | 0.006 | 1.70E-19 | 81.510 |
| rs61830291 | C | A | (0.029) | 0.003 | 1.50E-17 | 72.680 |
| rs61853632 | A | G | (0.080) | 0.006 | 3.30E-45 | 199.072 |
| rs61905108 | A | C | 0.028 | 0.005 | 6.70E-09 | 33.618 |
| rs62073988 | T | C | (0.033) | 0.003 | 2.70E-38 | 167.396 |
| rs62120075 | G | T | (0.028) | 0.004 | 6.40E-15 | 60.768 |
| rs62175230 | T | C | (0.018) | 0.002 | 7.40E-19 | 78.649 |
| rs62332261 | T | C | (0.014) | 0.003 | 2.60E-08 | 31.008 |
| rs62340877 | A | G | (0.022) | 0.003 | 6.20E-18 | 74.463 |
| rs62380762 | C | G | (0.021) | 0.002 | 5.80E-18 | 74.604 |
| rs62395851 | C | G | 0.072 | 0.004 | 9.70E-79 | 352.945 |
| rs62506682 | A | C | (0.019) | 0.003 | 1.20E-08 | 32.460 |
| rs62550975 | G | A | (0.033) | 0.004 | 8.40E-15 | 60.246 |
| rs6452819 | A | G | 0.047 | 0.007 | 8.40E-13 | 51.186 |

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|------------|---|---|---------|-------|-----------|---------|
| rs6473306 | C | T | (0.013) | 0.002 | 2.00E-10 | 40.443 |
| rs6499129 | C | A | 0.034 | 0.003 | 1.90E-22 | 95.052 |
| rs6502738 | G | A | (0.024) | 0.002 | 8.60E-31 | 133.091 |
| rs6556405 | C | T | 0.067 | 0.002 | 1.90E-175 | 797.494 |
| rs6680258 | T | G | (0.021) | 0.002 | 1.80E-19 | 81.404 |
| rs6698842 | T | C | 0.013 | 0.002 | 5.40E-10 | 38.545 |
| rs6759839 | G | A | (0.035) | 0.002 | 3.10E-58 | 258.817 |
| rs6763024 | C | T | (0.017) | 0.002 | 2.40E-13 | 53.638 |
| rs6778454 | C | A | (0.021) | 0.002 | 6.10E-23 | 97.248 |
| rs67784641 | C | A | (0.021) | 0.003 | 4.00E-11 | 43.621 |
| rs67916705 | G | A | (0.014) | 0.002 | 8.40E-09 | 33.185 |
| rs6796 | C | T | (0.034) | 0.002 | 1.40E-49 | 219.172 |
| rs680210 | C | T | 0.025 | 0.002 | 1.50E-31 | 136.601 |
| rs6805034 | G | C | (0.026) | 0.002 | 6.00E-27 | 115.538 |
| rs68066031 | C | T | (0.030) | 0.002 | 4.90E-35 | 152.513 |
| rs6808932 | C | A | 0.022 | 0.002 | 4.30E-26 | 111.615 |
| rs6836941 | C | T | (0.083) | 0.003 | 1.00E-200 | 928.884 |
| rs6850636 | A | G | 0.019 | 0.003 | 3.80E-13 | 52.741 |
| rs6869332 | G | A | (0.048) | 0.003 | 9.80E-73 | 325.379 |
| rs688167 | G | C | 0.018 | 0.002 | 8.00E-16 | 64.862 |
| rs6899047 | C | G | 0.036 | 0.005 | 2.90E-11 | 44.225 |
| rs690686 | T | C | (0.032) | 0.004 | 8.30E-19 | 78.424 |
| rs6915030 | C | T | (0.024) | 0.003 | 6.40E-13 | 51.734 |
| rs6985353 | A | G | 0.027 | 0.002 | 7.80E-39 | 169.894 |
| rs6993770 | T | A | 0.045 | 0.002 | 1.30E-87 | 393.706 |
| rs7022807 | G | A | (0.019) | 0.002 | 9.00E-20 | 82.821 |
| rs7042161 | C | T | (0.014) | 0.002 | 3.70E-11 | 43.750 |
| rs7150606 | T | G | 0.030 | 0.003 | 9.30E-24 | 100.977 |
| rs7258141 | T | A | 0.024 | 0.002 | 1.40E-26 | 113.827 |
| rs72668171 | A | G | (0.024) | 0.003 | 1.20E-18 | 77.716 |
| rs72687006 | C | T | (0.092) | 0.008 | 5.20E-29 | 124.966 |
| rs72691294 | A | G | 0.055 | 0.004 | 6.30E-38 | 165.735 |
| rs72716340 | C | G | 0.017 | 0.003 | 3.50E-09 | 34.858 |
| rs72749964 | A | G | (0.016) | 0.003 | 2.20E-09 | 35.786 |
| rs72761071 | G | C | 0.129 | 0.007 | 3.20E-75 | 336.776 |
| rs72793380 | A | C | (0.025) | 0.003 | 3.80E-13 | 52.747 |
| rs72803369 | G | C | 0.037 | 0.005 | 1.40E-12 | 50.172 |
| rs72847536 | A | G | 0.068 | 0.006 | 3.30E-30 | 130.456 |
| rs73000929 | A | G | 0.095 | 0.005 | 5.80E-68 | 303.464 |
| rs7311196 | G | A | 0.061 | 0.003 | 2.10E-76 | 342.205 |
| rs73112592 | C | G | 0.076 | 0.007 | 7.90E-30 | 128.688 |
| rs73165962 | A | G | 0.030 | 0.003 | 4.80E-24 | 102.279 |
| rs73184272 | G | T | 0.084 | 0.008 | 3.90E-27 | 116.380 |
| rs73186292 | G | A | (0.049) | 0.008 | 4.00E-10 | 39.118 |
| rs73289314 | T | C | 0.059 | 0.008 | 6.90E-14 | 56.092 |
| rs7349311 | A | G | 0.038 | 0.003 | 1.00E-45 | 201.406 |
| rs73723358 | G | A | (0.068) | 0.003 | 5.00E-100 | 450.730 |
| rs74124004 | A | G | 0.041 | 0.003 | 6.30E-35 | 152.002 |
| rs741887 | A | G | (0.013) | 0.002 | 6.40E-10 | 38.180 |
| rs744233 | A | G | 0.015 | 0.002 | 3.80E-11 | 43.694 |

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|------------|---|---|---------|-------|-----------|----------|
| rs74914371 | C | T | 0.035 | 0.006 | 1.40E-08 | 32.143 |
| rs74950833 | C | G | (0.065) | 0.008 | 1.30E-15 | 63.905 |
| rs75068943 | G | A | (0.083) | 0.004 | 2.80E-111 | 502.444 |
| rs754179 | T | C | 0.014 | 0.002 | 3.10E-10 | 39.600 |
| rs75457925 | G | A | 0.034 | 0.006 | 1.20E-09 | 36.915 |
| rs7563723 | C | T | 0.021 | 0.002 | 3.30E-22 | 93.901 |
| rs75699653 | T | C | 0.071 | 0.007 | 2.50E-26 | 112.690 |
| rs7585866 | G | A | (0.038) | 0.002 | 8.90E-70 | 311.788 |
| rs7586747 | A | G | 0.013 | 0.002 | 1.30E-09 | 36.852 |
| rs7608716 | T | A | 0.020 | 0.003 | 1.40E-09 | 36.725 |
| rs76091143 | A | C | (0.034) | 0.006 | 1.70E-08 | 31.816 |
| rs76109311 | G | A | 0.015 | 0.002 | 4.50E-13 | 52.397 |
| rs7618405 | A | C | 0.034 | 0.003 | 5.40E-41 | 179.789 |
| rs7632444 | C | T | 0.018 | 0.003 | 3.80E-11 | 43.736 |
| rs7638633 | C | T | (0.039) | 0.002 | 7.70E-65 | 289.137 |
| rs7639048 | G | A | (0.021) | 0.002 | 1.30E-25 | 109.370 |
| rs76452111 | T | A | 0.090 | 0.005 | 1.40E-70 | 315.501 |
| rs76900683 | C | G | (0.051) | 0.005 | 9.60E-27 | 114.600 |
| rs7710854 | G | A | 0.024 | 0.003 | 1.60E-13 | 54.408 |
| rs7712401 | T | C | 0.023 | 0.002 | 8.40E-29 | 123.999 |
| rs7720336 | G | A | (0.025) | 0.004 | 1.00E-11 | 46.327 |
| rs7726369 | C | G | 0.030 | 0.004 | 1.70E-16 | 67.947 |
| rs77373975 | C | T | 0.182 | 0.005 | 1.00E-200 | 1422.639 |
| rs77585733 | G | A | 0.022 | 0.004 | 2.30E-08 | 31.230 |
| rs7775219 | T | C | (0.018) | 0.003 | 6.70E-10 | 38.107 |
| rs77808283 | A | G | (0.058) | 0.005 | 4.80E-27 | 115.978 |
| rs7786376 | G | A | 0.016 | 0.002 | 2.30E-12 | 49.217 |
| rs7792825 | C | T | (0.013) | 0.002 | 8.20E-09 | 33.217 |
| rs7808005 | T | C | 0.030 | 0.002 | 5.40E-40 | 175.211 |
| rs78107380 | A | C | 0.041 | 0.006 | 7.60E-12 | 46.874 |
| rs7830416 | A | T | (0.023) | 0.003 | 1.70E-14 | 58.813 |
| rs78436760 | C | T | 0.096 | 0.002 | 1.00E-200 | 2277.601 |
| rs7914782 | G | A | 0.016 | 0.002 | 5.50E-15 | 61.076 |
| rs79411242 | T | C | 0.021 | 0.004 | 2.70E-08 | 30.928 |
| rs7949566 | A | G | 0.036 | 0.002 | 2.60E-69 | 309.645 |
| rs79716587 | A | G | 0.038 | 0.003 | 1.90E-34 | 149.854 |
| rs79744378 | T | G | (0.152) | 0.007 | 3.20E-104 | 470.029 |
| rs79749090 | G | A | (0.036) | 0.004 | 5.70E-20 | 83.720 |
| rs7975687 | C | T | (0.024) | 0.002 | 4.60E-32 | 138.912 |
| rs79762299 | T | A | 0.101 | 0.003 | 1.00E-200 | 1336.970 |
| rs79847479 | A | C | 0.069 | 0.004 | 3.80E-66 | 295.126 |
| rs80016599 | T | G | 0.079 | 0.011 | 2.60E-13 | 53.500 |
| rs80026440 | G | C | (0.033) | 0.006 | 3.60E-08 | 30.381 |
| rs8038177 | T | A | (0.013) | 0.002 | 9.10E-10 | 37.506 |
| rs8106212 | T | C | 0.136 | 0.010 | 2.00E-45 | 200.047 |
| rs8115191 | T | C | (0.024) | 0.002 | 2.90E-31 | 135.262 |
| rs817324 | A | G | (0.015) | 0.002 | 2.10E-09 | 35.878 |
| rs826426 | A | G | 0.018 | 0.003 | 1.30E-08 | 32.269 |
| rs869487 | G | C | 0.015 | 0.002 | 5.60E-09 | 33.965 |
| rs881399 | C | T | 0.036 | 0.003 | 1.40E-37 | 164.121 |

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|------------|---|---|---------|-------|-----------|----------|
| rs920748 | C | T | (0.050) | 0.005 | 9.50E-22 | 91.822 |
| rs9311171 | G | T | 0.016 | 0.003 | 7.40E-09 | 33.431 |
| rs9320278 | C | T | (0.015) | 0.002 | 1.40E-12 | 50.155 |
| rs9386889 | T | C | 0.013 | 0.002 | 1.30E-09 | 36.802 |
| rs939136 | C | G | (0.026) | 0.002 | 3.10E-34 | 148.834 |
| rs9425824 | A | G | 0.091 | 0.003 | 1.00E-200 | 987.777 |
| rs9426262 | G | T | (0.016) | 0.002 | 4.10E-12 | 48.082 |
| rs944002 | G | A | (0.076) | 0.002 | 1.00E-200 | 1023.838 |
| rs9543534 | T | C | 0.019 | 0.002 | 1.00E-16 | 68.945 |
| rs9549753 | A | C | 0.046 | 0.002 | 6.40E-111 | 500.785 |
| rs9573565 | T | C | 0.019 | 0.002 | 2.20E-15 | 62.856 |
| rs9577481 | A | G | 0.025 | 0.003 | 2.10E-20 | 85.702 |
| rs9583151 | C | T | 0.015 | 0.002 | 6.60E-13 | 51.656 |
| rs9595404 | T | C | 0.012 | 0.002 | 3.70E-08 | 30.321 |
| rs9616908 | G | A | (0.029) | 0.002 | 3.30E-43 | 189.950 |
| rs968042 | A | G | (0.024) | 0.002 | 1.60E-28 | 122.749 |
| rs972577 | T | C | 0.059 | 0.002 | 2.80E-179 | 815.138 |
| rs9729409 | G | A | 0.021 | 0.002 | 6.30E-20 | 83.527 |
| rs9736609 | A | G | (0.103) | 0.003 | 1.00E-200 | 1366.054 |
| rs9833022 | T | C | (0.050) | 0.008 | 4.50E-10 | 38.887 |
| rs9846396 | T | C | (0.016) | 0.002 | 7.30E-15 | 60.524 |
| rs9874738 | T | G | 0.016 | 0.002 | 1.20E-11 | 46.018 |
| rs9894399 | C | A | 0.025 | 0.004 | 8.10E-11 | 42.227 |
| rs9894993 | C | T | 0.016 | 0.002 | 3.90E-14 | 57.198 |
| rs9902260 | T | C | (0.027) | 0.002 | 5.50E-40 | 175.184 |
| rs9926137 | C | G | 0.026 | 0.003 | 1.60E-22 | 95.289 |
| rs993284 | G | C | 0.018 | 0.003 | 2.30E-12 | 49.195 |
| rs9937661 | C | T | 0.033 | 0.002 | 2.60E-55 | 245.415 |
| rs9974653 | C | A | 0.017 | 0.002 | 9.60E-15 | 59.973 |
| rs10047928 | A | G | 0.029 | 0.002 | 1.80E-35 | 154.496 |
| rs10048745 | A | G | 0.014 | 0.002 | 3.90E-09 | 34.682 |
| rs10113898 | G | A | (0.013) | 0.002 | 1.10E-09 | 37.087 |
| rs10212636 | C | T | 0.021 | 0.002 | 6.30E-19 | 78.962 |
| rs10237268 | C | A | (0.021) | 0.004 | 2.20E-08 | 31.283 |
| rs10418205 | G | A | 0.020 | 0.002 | 5.30E-21 | 88.403 |
| rs10459246 | T | G | (0.067) | 0.002 | 1.00E-200 | 1027.431 |
| rs1047891 | A | C | 0.030 | 0.002 | 3.50E-43 | 189.829 |
| rs10506015 | C | G | (0.016) | 0.003 | 7.30E-10 | 37.943 |
| rs1059196 | T | C | 0.049 | 0.002 | 1.50E-93 | 420.949 |
| rs10777748 | G | T | (0.013) | 0.002 | 4.30E-08 | 29.992 |
| rs10813766 | G | T | (0.055) | 0.002 | 1.20E-141 | 641.964 |
| rs10820606 | C | A | (0.034) | 0.002 | 1.80E-43 | 191.149 |
| rs10844279 | G | T | (0.052) | 0.003 | 5.60E-71 | 317.309 |
| rs10886437 | T | C | 0.035 | 0.003 | 7.40E-39 | 170.012 |
| rs10894020 | C | T | (0.014) | 0.002 | 1.20E-10 | 41.442 |
| rs10896024 | G | A | (0.031) | 0.002 | 2.60E-49 | 217.880 |
| rs10940072 | A | G | 0.022 | 0.002 | 3.00E-26 | 112.329 |
| rs10947613 | A | G | (0.017) | 0.002 | 3.60E-14 | 57.383 |
| rs10961948 | C | T | (0.016) | 0.003 | 1.40E-08 | 32.240 |
| rs10970979 | G | A | 0.045 | 0.002 | 4.10E-90 | 405.205 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs11071720 | C | T | (0.058) | 0.002 | 1.50E-148 | 673.809 |
| rs11072496 | T | C | 0.026 | 0.003 | 7.80E-20 | 83.107 |
| rs11075750 | G | A | (0.020) | 0.002 | 3.90E-20 | 84.471 |
| rs11078288 | G | A | (0.056) | 0.009 | 1.90E-10 | 40.557 |
| rs11082304 | T | G | 0.045 | 0.002 | 5.70E-107 | 482.630 |
| rs11083766 | C | T | 0.068 | 0.002 | 1.00E-200 | 981.616 |
| rs11121012 | G | A | (0.031) | 0.002 | 1.50E-46 | 205.257 |
| rs11121529 | G | C | 0.082 | 0.003 | 4.30E-144 | 653.292 |
| rs11128264 | T | C | (0.013) | 0.002 | 4.90E-10 | 38.733 |
| rs111592250 | A | G | 0.020 | 0.003 | 3.40E-10 | 39.421 |
| rs11168257 | G | A | (0.018) | 0.002 | 1.90E-15 | 63.157 |
| rs11186859 | G | C | 0.013 | 0.002 | 6.00E-09 | 33.819 |
| rs11195945 | T | C | 0.054 | 0.003 | 2.20E-64 | 286.997 |
| rs112100699 | T | C | 0.015 | 0.003 | 2.40E-08 | 31.172 |
| rs1122234 | T | C | 0.059 | 0.008 | 1.20E-14 | 59.499 |
| rs11229075 | C | A | (0.030) | 0.002 | 6.30E-38 | 165.756 |
| rs11240341 | C | T | (0.073) | 0.002 | 1.00E-200 | 1133.704 |
| rs112467797 | G | A | (0.063) | 0.008 | 3.60E-14 | 57.372 |
| rs11247735 | A | G | (0.013) | 0.002 | 1.20E-10 | 41.439 |
| rs1126643 | T | C | (0.012) | 0.002 | 7.80E-09 | 33.331 |
| rs112744251 | T | C | (0.028) | 0.004 | 4.90E-11 | 43.212 |
| rs113848517 | G | A | (0.081) | 0.005 | 4.70E-51 | 225.876 |
| rs114427647 | T | C | 0.065 | 0.005 | 1.80E-38 | 168.192 |
| rs114694170 | C | T | (0.140) | 0.004 | 1.00E-200 | 1018.988 |
| rs114968084 | A | G | 0.086 | 0.006 | 2.60E-42 | 185.807 |
| rs115060008 | C | A | (0.019) | 0.004 | 4.60E-08 | 29.862 |
| rs115770471 | T | A | (0.067) | 0.010 | 1.60E-11 | 45.373 |
| rs1158569 | C | A | (0.041) | 0.002 | 3.70E-87 | 391.589 |
| rs11585858 | A | C | (0.026) | 0.002 | 1.60E-26 | 113.568 |
| rs11585973 | G | A | 0.028 | 0.003 | 1.80E-23 | 99.707 |
| rs11627032 | C | T | (0.018) | 0.002 | 1.00E-14 | 59.809 |
| rs11663341 | A | T | 0.015 | 0.002 | 6.30E-10 | 38.233 |
| rs116735454 | C | T | (0.136) | 0.006 | 4.60E-124 | 561.189 |
| rs11681966 | A | C | 0.022 | 0.002 | 5.10E-25 | 106.732 |
| rs11702425 | C | T | (0.014) | 0.002 | 2.70E-10 | 39.912 |
| rs11711320 | T | C | 0.020 | 0.002 | 1.20E-16 | 68.603 |
| rs11712455 | G | A | 0.057 | 0.005 | 2.60E-34 | 149.201 |
| rs117128711 | T | C | (0.052) | 0.006 | 2.70E-19 | 80.621 |
| rs11714248 | A | G | (0.014) | 0.002 | 8.30E-12 | 46.696 |
| rs117173117 | A | T | (0.027) | 0.004 | 1.00E-10 | 41.748 |
| rs117395928 | T | C | (0.076) | 0.010 | 3.50E-14 | 57.420 |
| rs11756806 | T | C | 0.041 | 0.003 | 7.30E-35 | 151.723 |
| rs117625066 | A | G | 0.016 | 0.003 | 1.40E-09 | 36.639 |
| rs11765436 | A | T | (0.015) | 0.002 | 2.30E-12 | 49.194 |
| rs11775560 | G | A | 0.017 | 0.003 | 1.50E-10 | 41.065 |
| rs118001372 | T | C | 0.034 | 0.004 | 1.50E-14 | 59.058 |
| rs118033845 | A | G | 0.068 | 0.006 | 1.00E-32 | 141.893 |
| rs118062113 | A | T | 0.067 | 0.010 | 2.60E-12 | 48.971 |
| rs118170190 | T | C | 0.040 | 0.005 | 9.90E-15 | 59.913 |
| rs11894682 | G | T | (0.106) | 0.005 | 5.11E-107 | 482.876 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs11898764 | T | C | (0.025) | 0.002 | 3.00E-27 | 116.935 |
| rs11936046 | A | G | 0.013 | 0.002 | 2.80E-10 | 39.827 |
| rs11993233 | G | A | (0.031) | 0.002 | 3.40E-49 | 217.389 |
| rs12033187 | T | C | (0.016) | 0.002 | 1.80E-14 | 58.767 |
| rs12041331 | A | G | (0.081) | 0.004 | 8.00E-109 | 491.147 |
| rs12063500 | T | C | 0.046 | 0.004 | 1.80E-29 | 127.072 |
| rs12118065 | A | G | 0.067 | 0.002 | 1.00E-200 | 1045.237 |
| rs12121085 | T | G | (0.011) | 0.002 | 3.40E-08 | 30.482 |
| rs1217414 | A | G | 0.013 | 0.002 | 7.30E-09 | 33.444 |
| rs12217146 | A | G | 0.034 | 0.006 | 3.50E-09 | 34.871 |
| rs12231498 | T | C | 0.065 | 0.002 | 1.00E-200 | 934.029 |
| rs12418931 | A | C | (0.016) | 0.002 | 8.10E-14 | 55.771 |
| rs12426629 | G | C | (0.035) | 0.005 | 1.30E-11 | 45.744 |
| rs12445050 | T | C | 0.055 | 0.003 | 1.20E-74 | 334.218 |
| rs12454829 | A | C | 0.039 | 0.003 | 6.40E-37 | 161.119 |
| rs12465143 | T | C | (0.125) | 0.003 | 1.00E-200 | 1372.945 |
| rs12515523 | A | G | 0.033 | 0.003 | 9.70E-30 | 128.284 |
| rs1255263 | C | G | (0.024) | 0.003 | 8.80E-19 | 78.305 |
| rs12593477 | T | A | 0.021 | 0.003 | 1.70E-12 | 49.769 |
| rs12625404 | T | C | 0.024 | 0.002 | 1.80E-30 | 131.645 |
| rs12637288 | A | G | 0.017 | 0.002 | 2.80E-17 | 71.508 |
| rs12666411 | A | C | (0.043) | 0.004 | 2.10E-30 | 131.326 |
| rs12684581 | G | T | (0.015) | 0.002 | 1.60E-11 | 45.432 |
| rs12827036 | T | G | 0.095 | 0.002 | 1.00E-200 | 2226.299 |
| rs12935775 | A | G | (0.020) | 0.002 | 7.00E-21 | 87.865 |
| rs12940204 | T | C | 0.018 | 0.002 | 5.60E-18 | 74.668 |
| rs12979144 | A | G | 0.022 | 0.002 | 2.90E-25 | 107.840 |
| rs13098005 | T | C | (0.039) | 0.003 | 2.20E-55 | 245.781 |
| rs13224082 | T | A | 0.029 | 0.002 | 7.40E-34 | 147.129 |
| rs13231886 | A | G | (0.018) | 0.002 | 2.20E-18 | 76.513 |
| rs13233747 | A | G | (0.023) | 0.002 | 1.80E-27 | 117.948 |
| rs13257521 | G | C | 0.021 | 0.003 | 5.70E-16 | 65.544 |
| rs13257813 | A | G | (0.023) | 0.002 | 4.50E-25 | 106.987 |
| rs13266369 | G | T | (0.012) | 0.002 | 2.70E-08 | 30.887 |
| rs1328599 | T | G | 0.046 | 0.004 | 1.10E-32 | 141.797 |
| rs13314114 | C | T | 0.044 | 0.002 | 7.80E-102 | 459.040 |
| rs1332835 | T | G | (0.014) | 0.002 | 1.30E-09 | 36.835 |
| rs1354036 | C | T | (0.085) | 0.002 | 1.00E-200 | 1564.736 |
| rs1369236 | G | A | (0.050) | 0.004 | 1.30E-43 | 191.759 |
| rs1385452 | T | G | (0.012) | 0.002 | 1.80E-08 | 31.722 |
| rs138606434 | T | C | 0.051 | 0.006 | 1.90E-18 | 76.751 |
| rs138881192 | A | G | (0.043) | 0.007 | 6.10E-09 | 33.806 |
| rs141492190 | G | A | 0.069 | 0.008 | 3.90E-19 | 79.933 |
| rs1429271 | C | T | 0.024 | 0.003 | 3.10E-14 | 57.656 |
| rs144597972 | T | G | 0.061 | 0.006 | 2.20E-23 | 99.235 |
| rs145175283 | A | G | (0.040) | 0.007 | 3.70E-08 | 30.305 |
| rs146281383 | T | C | (0.038) | 0.006 | 8.90E-10 | 37.553 |
| rs146818600 | T | C | (0.038) | 0.004 | 4.50E-21 | 88.748 |
| rs147583009 | T | C | (0.222) | 0.011 | 2.60E-98 | 442.866 |
| rs1476096 | C | A | (0.027) | 0.002 | 1.70E-39 | 172.933 |

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|-------------|---|---|---------|-------|-----------|----------|
| rs147837849 | C | T | 0.053 | 0.009 | 9.50E-09 | 32.935 |
| rs147886588 | G | C | 0.026 | 0.003 | 7.20E-21 | 87.812 |
| rs148578645 | T | C | (0.052) | 0.006 | 9.10E-16 | 64.626 |
| rs148641669 | T | C | 0.019 | 0.003 | 9.90E-09 | 32.855 |
| rs149039920 | A | G | 0.130 | 0.009 | 1.90E-51 | 227.721 |
| rs149511257 | A | G | 0.091 | 0.012 | 1.00E-14 | 59.900 |
| rs150704300 | G | A | (0.072) | 0.007 | 1.20E-24 | 105.038 |
| rs151234 | C | G | (0.063) | 0.003 | 1.20E-95 | 430.566 |
| rs1518991 | T | C | (0.019) | 0.002 | 1.30E-20 | 86.601 |
| rs1550638 | T | C | (0.019) | 0.003 | 2.10E-11 | 44.870 |
| rs156355 | C | T | 0.060 | 0.002 | 2.50E-175 | 796.935 |
| rs1569419 | C | T | 0.030 | 0.002 | 3.60E-34 | 148.560 |
| rs1635291 | A | G | 0.030 | 0.002 | 1.10E-35 | 155.494 |
| rs1647385 | A | G | (0.033) | 0.003 | 8.70E-35 | 151.373 |
| rs1654425 | C | T | 0.058 | 0.003 | 1.00E-96 | 435.556 |
| rs1664485 | T | A | (0.063) | 0.008 | 2.00E-14 | 58.565 |
| rs16853239 | C | T | 0.038 | 0.004 | 2.10E-22 | 94.799 |
| rs16854980 | C | T | (0.130) | 0.007 | 2.30E-73 | 328.293 |
| rs16918645 | G | A | 0.054 | 0.004 | 1.40E-35 | 154.983 |
| rs16982339 | G | A | (0.021) | 0.003 | 1.20E-15 | 63.993 |
| rs17037388 | G | A | 0.021 | 0.003 | 5.60E-14 | 56.517 |
| rs17068850 | G | A | (0.028) | 0.003 | 1.80E-26 | 113.398 |
| rs17225878 | G | A | 0.118 | 0.003 | 1.00E-200 | 1951.973 |
| rs17231282 | T | C | (0.048) | 0.007 | 9.80E-13 | 50.880 |
| rs17256211 | G | A | 0.016 | 0.002 | 4.50E-14 | 56.949 |
| rs1736150 | A | G | (0.019) | 0.002 | 2.00E-19 | 81.288 |
| rs17382379 | G | A | 0.014 | 0.002 | 5.60E-10 | 38.440 |
| rs174544 | A | C | (0.050) | 0.002 | 2.10E-112 | 507.594 |
| rs17572109 | A | G | (0.037) | 0.002 | 9.60E-53 | 233.628 |
| rs17581728 | T | C | 0.020 | 0.002 | 2.00E-16 | 67.635 |
| rs17593311 | C | G | 0.044 | 0.007 | 3.10E-09 | 35.112 |
| rs17726337 | C | G | (0.087) | 0.005 | 1.10E-56 | 251.651 |
| rs17758695 | T | C | (0.083) | 0.006 | 2.10E-42 | 186.278 |
| rs17853159 | A | G | (0.044) | 0.004 | 5.60E-32 | 138.517 |
| rs1788234 | T | C | (0.064) | 0.002 | 1.00E-200 | 917.519 |
| rs1795964 | G | A | 0.072 | 0.002 | 1.00E-200 | 1111.959 |
| rs182120 | C | A | (0.016) | 0.002 | 5.70E-12 | 47.444 |
| rs184885436 | T | C | (0.081) | 0.009 | 9.90E-18 | 73.525 |
| rs1883258 | T | G | 0.038 | 0.002 | 3.70E-73 | 327.320 |
| rs190712219 | A | G | (0.090) | 0.008 | 1.70E-26 | 113.482 |
| rs1981150 | T | C | (0.027) | 0.003 | 6.40E-17 | 69.847 |
| rs2005277 | C | T | (0.012) | 0.002 | 3.50E-09 | 34.868 |
| rs200838 | C | A | (0.042) | 0.002 | 1.00E-93 | 421.762 |
| rs2014511 | A | G | (0.072) | 0.006 | 6.80E-36 | 156.431 |
| rs203417 | C | T | 0.026 | 0.004 | 1.30E-09 | 36.780 |
| rs203482 | A | G | (0.030) | 0.002 | 4.70E-48 | 212.147 |
| rs2048084 | T | G | 0.016 | 0.002 | 1.40E-14 | 59.187 |
| rs2051105 | A | G | (0.017) | 0.002 | 5.40E-16 | 65.641 |
| rs2057149 | T | C | (0.035) | 0.002 | 3.50E-58 | 258.600 |
| rs2075511 | C | A | (0.011) | 0.002 | 2.40E-08 | 31.108 |

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|------------|---|---|---------|-------|-----------|----------|
| rs2079356 | T | C | (0.103) | 0.002 | 1.00E-200 | 2283.150 |
| rs2157770 | G | A | (0.043) | 0.002 | 2.10E-80 | 360.588 |
| rs2233713 | C | A | (0.014) | 0.002 | 3.00E-11 | 44.159 |
| rs2244700 | G | A | (0.029) | 0.002 | 1.20E-44 | 196.574 |
| rs2268015 | C | T | (0.021) | 0.002 | 2.80E-24 | 103.352 |
| rs2279965 | G | A | (0.020) | 0.002 | 7.00E-19 | 78.772 |
| rs2299979 | T | A | (0.030) | 0.004 | 2.30E-15 | 62.805 |
| rs2304281 | A | G | (0.018) | 0.003 | 4.60E-12 | 47.833 |
| rs2305758 | T | C | 0.023 | 0.002 | 8.20E-25 | 105.799 |
| rs234108 | A | G | 0.016 | 0.002 | 2.80E-14 | 57.845 |
| rs2412653 | A | G | 0.023 | 0.003 | 2.00E-12 | 49.480 |
| rs2422442 | A | C | (0.016) | 0.002 | 4.50E-12 | 47.896 |
| rs2427866 | A | G | 0.012 | 0.002 | 2.00E-08 | 31.499 |
| rs246454 | A | C | 0.014 | 0.002 | 4.90E-11 | 43.230 |
| rs2505084 | A | G | (0.011) | 0.002 | 4.80E-08 | 29.785 |
| rs2516471 | A | G | (0.125) | 0.004 | 1.30E-186 | 848.877 |
| rs2526833 | G | A | 0.012 | 0.002 | 5.60E-09 | 33.958 |
| rs2577627 | G | T | 0.020 | 0.002 | 1.50E-21 | 90.969 |
| rs2594950 | C | G | (0.013) | 0.002 | 1.50E-09 | 36.489 |
| rs2605492 | A | C | (0.066) | 0.002 | 1.00E-200 | 1046.153 |
| rs2639793 | G | A | 0.022 | 0.003 | 4.00E-18 | 75.334 |
| rs2659582 | A | G | 0.016 | 0.002 | 9.50E-14 | 55.473 |
| rs2691475 | A | G | 0.020 | 0.002 | 8.90E-21 | 87.391 |
| rs2709865 | C | T | 0.070 | 0.004 | 3.00E-58 | 258.854 |
| rs2723242 | G | A | 0.017 | 0.002 | 1.40E-12 | 50.202 |
| rs2723261 | T | C | 0.017 | 0.002 | 5.90E-15 | 60.923 |
| rs2730347 | T | A | (0.019) | 0.003 | 6.70E-09 | 33.615 |
| rs2789422 | A | G | 0.030 | 0.002 | 3.10E-47 | 208.361 |
| rs2794868 | G | A | (0.052) | 0.006 | 4.60E-18 | 75.056 |
| rs2800446 | A | T | (0.024) | 0.003 | 2.70E-18 | 76.087 |
| rs2834735 | C | T | (0.014) | 0.002 | 1.60E-10 | 40.900 |
| rs28396651 | G | A | 0.032 | 0.002 | 4.40E-53 | 235.207 |
| rs28507876 | G | A | (0.025) | 0.002 | 3.20E-24 | 103.116 |
| rs2856650 | A | G | 0.019 | 0.002 | 1.80E-17 | 72.371 |
| rs2857464 | C | A | 0.031 | 0.002 | 1.60E-35 | 154.721 |
| rs28594922 | G | A | (0.018) | 0.002 | 1.70E-14 | 58.813 |
| rs28681431 | A | G | 0.022 | 0.003 | 1.90E-18 | 76.778 |
| rs287899 | T | C | (0.013) | 0.002 | 9.50E-09 | 32.945 |
| rs293570 | G | A | (0.015) | 0.002 | 6.10E-11 | 42.779 |
| rs2966431 | A | G | (0.021) | 0.003 | 1.70E-10 | 40.737 |
| rs3013439 | G | T | 0.024 | 0.002 | 3.30E-33 | 144.132 |
| rs34036230 | A | C | 0.027 | 0.003 | 2.20E-17 | 71.969 |
| rs34110295 | G | A | (0.019) | 0.003 | 7.90E-14 | 55.842 |
| rs34346558 | C | A | (0.035) | 0.003 | 1.00E-42 | 187.645 |
| rs34350312 | A | T | 0.031 | 0.003 | 2.20E-31 | 135.803 |
| rs34415062 | A | G | (0.024) | 0.003 | 3.90E-19 | 79.900 |
| rs34426467 | A | T | 0.018 | 0.002 | 9.30E-19 | 78.210 |
| rs34677431 | T | A | (0.023) | 0.002 | 9.10E-25 | 105.578 |
| rs34736275 | A | G | (0.014) | 0.002 | 3.20E-11 | 44.040 |
| rs34941271 | T | G | 0.082 | 0.011 | 2.10E-13 | 53.955 |

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| rs34978408 | A | C | 0.021 | 0.003 | 7.00E-16 | 65.140 |
| rs34980052 | G | A | 0.020 | 0.002 | 2.10E-18 | 76.584 |
| rs35013380 | G | A | (0.012) | 0.002 | 4.50E-08 | 29.917 |
| rs35150201 | G | T | (0.022) | 0.002 | 1.90E-26 | 113.257 |
| rs35188965 | T | C | (0.037) | 0.002 | 2.00E-71 | 319.380 |
| rs35258120 | A | G | (0.031) | 0.003 | 1.10E-31 | 137.212 |
| rs35404500 | T | A | 0.015 | 0.002 | 4.20E-10 | 39.025 |
| rs35825959 | A | T | (0.016) | 0.003 | 1.70E-08 | 31.772 |
| rs36083909 | A | G | (0.019) | 0.003 | 3.00E-09 | 35.208 |
| rs36186660 | A | G | 0.020 | 0.002 | 3.10E-23 | 98.582 |
| rs363064 | T | C | 0.027 | 0.002 | 7.20E-33 | 142.610 |
| rs3767809 | C | T | (0.043) | 0.002 | 2.00E-68 | 305.580 |
| rs3796008 | A | G | 0.021 | 0.002 | 1.60E-24 | 104.451 |
| rs3809547 | G | C | (0.024) | 0.002 | 6.30E-23 | 97.197 |
| rs3811604 | T | A | (0.024) | 0.004 | 3.00E-08 | 30.706 |
| rs3816086 | C | T | (0.015) | 0.002 | 2.50E-13 | 53.557 |
| rs3857175 | A | G | 0.024 | 0.002 | 3.60E-22 | 93.717 |
| rs3924236 | T | C | (0.034) | 0.002 | 7.30E-64 | 284.651 |
| rs41273668 | A | T | (0.037) | 0.006 | 2.30E-10 | 40.157 |
| rs4236051 | T | C | (0.231) | 0.011 | 5.20E-103 | 464.453 |
| rs4382936 | C | A | 0.013 | 0.002 | 2.70E-09 | 35.379 |
| rs442472 | T | C | (0.013) | 0.002 | 2.10E-08 | 31.355 |
| rs4460776 | A | C | 0.015 | 0.002 | 2.50E-13 | 53.550 |
| rs4496372 | T | C | (0.012) | 0.002 | 1.50E-08 | 32.032 |
| rs4538653 | C | G | 0.046 | 0.002 | 3.50E-95 | 428.482 |
| rs45510500 | T | C | 0.044 | 0.005 | 1.00E-22 | 96.185 |
| rs4639700 | T | C | (0.015) | 0.002 | 2.30E-11 | 44.726 |
| rs4700002 | A | T | (0.024) | 0.002 | 1.90E-28 | 122.359 |
| rs4711890 | G | C | (0.039) | 0.002 | 3.30E-63 | 281.648 |
| rs4746855 | A | G | (0.063) | 0.002 | 1.00E-200 | 916.621 |
| rs4786476 | A | G | 0.012 | 0.002 | 1.20E-08 | 32.455 |
| rs4814508 | C | T | 0.013 | 0.002 | 6.40E-11 | 42.705 |
| rs4824112 | G | A | (0.031) | 0.003 | 3.40E-33 | 144.115 |
| rs4849845 | A | G | 0.041 | 0.002 | 3.70E-76 | 341.060 |
| rs4871499 | G | T | 0.012 | 0.002 | 9.90E-09 | 32.870 |
| rs4909945 | C | T | (0.031) | 0.002 | 1.30E-44 | 196.334 |
| rs4921105 | G | A | 0.020 | 0.003 | 3.40E-11 | 43.913 |
| rs4926718 | G | A | 0.014 | 0.002 | 6.10E-09 | 33.804 |
| rs4941565 | G | T | (0.030) | 0.002 | 3.40E-44 | 194.467 |
| rs4950886 | A | G | (0.014) | 0.002 | 1.30E-11 | 45.855 |
| rs4952073 | C | T | (0.075) | 0.002 | 1.00E-200 | 1090.768 |
| rs4970966 | T | G | 0.016 | 0.002 | 1.40E-10 | 41.136 |
| rs4972699 | C | G | 0.038 | 0.005 | 6.10E-14 | 56.338 |
| rs4980840 | A | G | 0.015 | 0.003 | 9.40E-09 | 32.957 |
| rs504082 | T | G | (0.014) | 0.002 | 1.50E-09 | 36.477 |
| rs511141 | A | G | (0.013) | 0.002 | 2.80E-09 | 35.337 |
| rs530059793 | G | A | 0.125 | 0.011 | 2.30E-28 | 122.004 |
| rs531503 | C | T | 0.014 | 0.002 | 9.90E-11 | 41.833 |
| rs55709369 | A | G | 0.031 | 0.005 | 1.00E-10 | 41.812 |
| rs55844975 | C | T | (0.018) | 0.003 | 6.30E-10 | 38.232 |

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| rs55874505 | G | T | 0.024 | 0.002 | 8.10E-30 | 128.642 |
| rs55903042 | A | G | 0.015 | 0.002 | 1.10E-10 | 41.563 |
| rs55905547 | G | A | (0.072) | 0.003 | 1.00E-163 | 743.572 |
| rs56043070 | A | G | 0.120 | 0.004 | 4.70E-200 | 910.657 |
| rs56079926 | T | C | 0.017 | 0.002 | 1.20E-14 | 59.563 |
| rs56094005 | G | A | 0.062 | 0.005 | 1.10E-34 | 150.844 |
| rs56094988 | C | G | (0.022) | 0.004 | 1.60E-09 | 36.432 |
| rs56106611 | G | T | (0.240) | 0.008 | 4.00E-193 | 878.799 |
| rs56116444 | G | T | (0.032) | 0.004 | 2.00E-16 | 67.576 |
| rs56125990 | G | A | 0.022 | 0.003 | 3.90E-14 | 57.235 |
| rs56133113 | G | A | (0.039) | 0.003 | 3.70E-34 | 148.514 |
| rs56287412 | C | T | 0.017 | 0.002 | 8.00E-17 | 69.400 |
| rs56326157 | C | T | (0.025) | 0.003 | 3.70E-23 | 98.254 |
| rs56681946 | C | T | (0.017) | 0.002 | 5.00E-15 | 61.256 |
| rs5749169 | C | T | (0.019) | 0.003 | 2.00E-09 | 35.931 |
| rs5757946 | G | A | 0.014 | 0.002 | 2.20E-10 | 40.254 |
| rs57581963 | A | G | 0.016 | 0.002 | 3.30E-13 | 53.044 |
| rs5758910 | C | G | (0.032) | 0.002 | 1.80E-46 | 204.868 |
| rs577681458 | A | C | 0.066 | 0.004 | 8.90E-64 | 284.258 |
| rs57935882 | C | G | (0.042) | 0.004 | 4.10E-33 | 143.724 |
| rs583306 | T | C | (0.047) | 0.002 | 1.60E-90 | 407.099 |
| rs58761612 | A | G | (0.026) | 0.004 | 1.20E-11 | 46.023 |
| rs590820 | G | A | 0.013 | 0.002 | 4.90E-10 | 38.706 |
| rs594164 | C | A | (0.017) | 0.002 | 7.60E-16 | 64.971 |
| rs59508494 | G | A | 0.260 | 0.008 | 1.00E-200 | 1018.575 |
| rs6031849 | T | G | 0.029 | 0.002 | 3.40E-37 | 162.383 |
| rs603424 | A | G | (0.060) | 0.003 | 2.20E-107 | 484.509 |
| rs60371757 | A | T | (0.031) | 0.003 | 4.20E-30 | 129.943 |
| rs60408013 | C | T | 0.015 | 0.002 | 1.60E-12 | 49.877 |
| rs6045559 | T | C | (0.071) | 0.002 | 1.00E-200 | 1048.477 |
| rs6058375 | A | T | (0.020) | 0.003 | 9.00E-13 | 51.059 |
| rs6065 | T | C | (0.050) | 0.004 | 1.20E-37 | 164.537 |
| rs60695258 | T | C | (0.020) | 0.002 | 5.30E-22 | 92.982 |
| rs60757417 | G | C | 0.113 | 0.004 | 3.20E-148 | 672.295 |
| rs6081569 | C | G | 0.025 | 0.002 | 9.70E-32 | 137.438 |
| rs61009920 | A | C | (0.052) | 0.003 | 3.30E-67 | 299.970 |
| rs61269268 | C | A | (0.040) | 0.003 | 9.00E-49 | 215.416 |
| rs616008 | T | C | (0.013) | 0.002 | 1.30E-09 | 36.869 |
| rs61607560 | T | C | (0.034) | 0.003 | 1.40E-32 | 141.339 |
| rs61751937 | C | G | 0.055 | 0.006 | 1.70E-19 | 81.510 |
| rs61830291 | C | A | (0.029) | 0.003 | 1.50E-17 | 72.680 |
| rs61853632 | A | G | (0.080) | 0.006 | 3.30E-45 | 199.072 |
| rs61905108 | A | C | 0.028 | 0.005 | 6.70E-09 | 33.618 |
| rs62073988 | T | C | (0.033) | 0.003 | 2.70E-38 | 167.396 |
| rs62120075 | G | T | (0.028) | 0.004 | 6.40E-15 | 60.768 |
| rs62175230 | T | C | (0.018) | 0.002 | 7.40E-19 | 78.649 |
| rs62332261 | T | C | (0.014) | 0.003 | 2.60E-08 | 31.008 |
| rs62340877 | A | G | (0.022) | 0.003 | 6.20E-18 | 74.463 |
| rs62380762 | C | G | (0.021) | 0.002 | 5.80E-18 | 74.604 |
| rs62395851 | C | G | 0.072 | 0.004 | 9.70E-79 | 352.945 |

| | | | | | | |
|------------|---|---|---------|-------|-----------|---------|
| rs62506682 | A | C | (0.019) | 0.003 | 1.20E-08 | 32.460 |
| rs62550975 | G | A | (0.033) | 0.004 | 8.40E-15 | 60.246 |
| rs6452819 | A | G | 0.047 | 0.007 | 8.40E-13 | 51.186 |
| rs6473306 | C | T | (0.013) | 0.002 | 2.00E-10 | 40.443 |
| rs6499129 | C | A | 0.034 | 0.003 | 1.90E-22 | 95.052 |
| rs6502738 | G | A | (0.024) | 0.002 | 8.60E-31 | 133.091 |
| rs6556405 | C | T | 0.067 | 0.002 | 1.90E-175 | 797.494 |
| rs6680258 | T | G | (0.021) | 0.002 | 1.80E-19 | 81.404 |
| rs6698842 | T | C | 0.013 | 0.002 | 5.40E-10 | 38.545 |
| rs6759839 | G | A | (0.035) | 0.002 | 3.10E-58 | 258.817 |
| rs6763024 | C | T | (0.017) | 0.002 | 2.40E-13 | 53.638 |
| rs6778454 | C | A | (0.021) | 0.002 | 6.10E-23 | 97.248 |
| rs67784641 | C | A | (0.021) | 0.003 | 4.00E-11 | 43.621 |
| rs67916705 | G | A | (0.014) | 0.002 | 8.40E-09 | 33.185 |
| rs6796 | C | T | (0.034) | 0.002 | 1.40E-49 | 219.172 |
| rs680210 | C | T | 0.025 | 0.002 | 1.50E-31 | 136.601 |
| rs6805034 | G | C | (0.026) | 0.002 | 6.00E-27 | 115.538 |
| rs68066031 | C | T | (0.030) | 0.002 | 4.90E-35 | 152.513 |
| rs6808932 | C | A | 0.022 | 0.002 | 4.30E-26 | 111.615 |
| rs6836941 | C | T | (0.083) | 0.003 | 1.00E-200 | 928.884 |
| rs6850636 | A | G | 0.019 | 0.003 | 3.80E-13 | 52.741 |
| rs6869332 | G | A | (0.048) | 0.003 | 9.80E-73 | 325.379 |
| rs688167 | G | C | 0.018 | 0.002 | 8.00E-16 | 64.862 |
| rs6899047 | C | G | 0.036 | 0.005 | 2.90E-11 | 44.225 |
| rs690686 | T | C | (0.032) | 0.004 | 8.30E-19 | 78.424 |
| rs6915030 | C | T | (0.024) | 0.003 | 6.40E-13 | 51.734 |
| rs6985353 | A | G | 0.027 | 0.002 | 7.80E-39 | 169.894 |
| rs6993770 | T | A | 0.045 | 0.002 | 1.30E-87 | 393.706 |
| rs7022807 | G | A | (0.019) | 0.002 | 9.00E-20 | 82.821 |
| rs7042161 | C | T | (0.014) | 0.002 | 3.70E-11 | 43.750 |
| rs7150606 | T | G | 0.030 | 0.003 | 9.30E-24 | 100.977 |
| rs7258141 | T | A | 0.024 | 0.002 | 1.40E-26 | 113.827 |
| rs72668171 | A | G | (0.024) | 0.003 | 1.20E-18 | 77.716 |
| rs72687006 | C | T | (0.092) | 0.008 | 5.20E-29 | 124.966 |
| rs72691294 | A | G | 0.055 | 0.004 | 6.30E-38 | 165.735 |
| rs72716340 | C | G | 0.017 | 0.003 | 3.50E-09 | 34.858 |
| rs72749964 | A | G | (0.016) | 0.003 | 2.20E-09 | 35.786 |
| rs72761071 | G | C | 0.129 | 0.007 | 3.20E-75 | 336.776 |
| rs72793380 | A | C | (0.025) | 0.003 | 3.80E-13 | 52.747 |
| rs72803369 | G | C | 0.037 | 0.005 | 1.40E-12 | 50.172 |
| rs72847536 | A | G | 0.068 | 0.006 | 3.30E-30 | 130.456 |
| rs73000929 | A | G | 0.095 | 0.005 | 5.80E-68 | 303.464 |
| rs7311196 | G | A | 0.061 | 0.003 | 2.10E-76 | 342.205 |
| rs73112592 | C | G | 0.076 | 0.007 | 7.90E-30 | 128.688 |
| rs73165962 | A | G | 0.030 | 0.003 | 4.80E-24 | 102.279 |
| rs73184272 | G | T | 0.084 | 0.008 | 3.90E-27 | 116.380 |
| rs73186292 | G | A | (0.049) | 0.008 | 4.00E-10 | 39.118 |
| rs73289314 | T | C | 0.059 | 0.008 | 6.90E-14 | 56.092 |
| rs7349311 | A | G | 0.038 | 0.003 | 1.00E-45 | 201.406 |
| rs73723358 | G | A | (0.068) | 0.003 | 5.00E-100 | 450.730 |

| | | | | | | |
|------------|---|---|---------|-------|-----------|----------|
| rs74124004 | A | G | 0.041 | 0.003 | 6.30E-35 | 152.002 |
| rs741887 | A | G | (0.013) | 0.002 | 6.40E-10 | 38.180 |
| rs744233 | A | G | 0.015 | 0.002 | 3.80E-11 | 43.694 |
| rs74914371 | C | T | 0.035 | 0.006 | 1.40E-08 | 32.143 |
| rs74950833 | C | G | (0.065) | 0.008 | 1.30E-15 | 63.905 |
| rs75068943 | G | A | (0.083) | 0.004 | 2.80E-111 | 502.444 |
| rs754179 | T | C | 0.014 | 0.002 | 3.10E-10 | 39.600 |
| rs75457925 | G | A | 0.034 | 0.006 | 1.20E-09 | 36.915 |
| rs7563723 | C | T | 0.021 | 0.002 | 3.30E-22 | 93.901 |
| rs75699653 | T | C | 0.071 | 0.007 | 2.50E-26 | 112.690 |
| rs7585866 | G | A | (0.038) | 0.002 | 8.90E-70 | 311.788 |
| rs7586747 | A | G | 0.013 | 0.002 | 1.30E-09 | 36.852 |
| rs7608716 | T | A | 0.020 | 0.003 | 1.40E-09 | 36.725 |
| rs76091143 | A | C | (0.034) | 0.006 | 1.70E-08 | 31.816 |
| rs76109311 | G | A | 0.015 | 0.002 | 4.50E-13 | 52.397 |
| rs7618405 | A | C | 0.034 | 0.003 | 5.40E-41 | 179.789 |
| rs7632444 | C | T | 0.018 | 0.003 | 3.80E-11 | 43.736 |
| rs7638633 | C | T | (0.039) | 0.002 | 7.70E-65 | 289.137 |
| rs7639048 | G | A | (0.021) | 0.002 | 1.30E-25 | 109.370 |
| rs76452111 | T | A | 0.090 | 0.005 | 1.40E-70 | 315.501 |
| rs76900683 | C | G | (0.051) | 0.005 | 9.60E-27 | 114.600 |
| rs7710854 | G | A | 0.024 | 0.003 | 1.60E-13 | 54.408 |
| rs7712401 | T | C | 0.023 | 0.002 | 8.40E-29 | 123.999 |
| rs7720336 | G | A | (0.025) | 0.004 | 1.00E-11 | 46.327 |
| rs7726369 | C | G | 0.030 | 0.004 | 1.70E-16 | 67.947 |
| rs77373975 | C | T | 0.182 | 0.005 | 1.00E-200 | 1422.639 |
| rs77585733 | G | A | 0.022 | 0.004 | 2.30E-08 | 31.230 |
| rs7775219 | T | C | (0.018) | 0.003 | 6.70E-10 | 38.107 |
| rs77808283 | A | G | (0.058) | 0.005 | 4.80E-27 | 115.978 |
| rs7786376 | G | A | 0.016 | 0.002 | 2.30E-12 | 49.217 |
| rs7792825 | C | T | (0.013) | 0.002 | 8.20E-09 | 33.217 |
| rs7808005 | T | C | 0.030 | 0.002 | 5.40E-40 | 175.211 |
| rs78107380 | A | C | 0.041 | 0.006 | 7.60E-12 | 46.874 |
| rs7830416 | A | T | (0.023) | 0.003 | 1.70E-14 | 58.813 |
| rs78436760 | C | T | 0.096 | 0.002 | 1.00E-200 | 2277.601 |
| rs7914782 | G | A | 0.016 | 0.002 | 5.50E-15 | 61.076 |
| rs79411242 | T | C | 0.021 | 0.004 | 2.70E-08 | 30.928 |
| rs7949566 | A | G | 0.036 | 0.002 | 2.60E-69 | 309.645 |
| rs79716587 | A | G | 0.038 | 0.003 | 1.90E-34 | 149.854 |
| rs79744378 | T | G | (0.152) | 0.007 | 3.20E-104 | 470.029 |
| rs79749090 | G | A | (0.036) | 0.004 | 5.70E-20 | 83.720 |
| rs7975687 | C | T | (0.024) | 0.002 | 4.60E-32 | 138.912 |
| rs79762299 | T | A | 0.101 | 0.003 | 1.00E-200 | 1336.970 |
| rs79847479 | A | C | 0.069 | 0.004 | 3.80E-66 | 295.126 |
| rs80016599 | T | G | 0.079 | 0.011 | 2.60E-13 | 53.500 |
| rs80026440 | G | C | (0.033) | 0.006 | 3.60E-08 | 30.381 |
| rs8038177 | T | A | (0.013) | 0.002 | 9.10E-10 | 37.506 |
| rs8106212 | T | C | 0.136 | 0.010 | 2.00E-45 | 200.047 |
| rs8115191 | T | C | (0.024) | 0.002 | 2.90E-31 | 135.262 |
| rs817324 | A | G | (0.015) | 0.002 | 2.10E-09 | 35.878 |

| | | | | | | |
|-----------|---|---|---------|-------|-----------|----------|
| rs826426 | A | G | 0.018 | 0.003 | 1.30E-08 | 32.269 |
| rs869487 | G | C | 0.015 | 0.002 | 5.60E-09 | 33.965 |
| rs881399 | C | T | 0.036 | 0.003 | 1.40E-37 | 164.121 |
| rs920748 | C | T | (0.050) | 0.005 | 9.50E-22 | 91.822 |
| rs9311171 | G | T | 0.016 | 0.003 | 7.40E-09 | 33.431 |
| rs9320278 | C | T | (0.015) | 0.002 | 1.40E-12 | 50.155 |
| rs9386889 | T | C | 0.013 | 0.002 | 1.30E-09 | 36.802 |
| rs939136 | C | G | (0.026) | 0.002 | 3.10E-34 | 148.834 |
| rs9425824 | A | G | 0.091 | 0.003 | 1.00E-200 | 987.777 |
| rs9426262 | G | T | (0.016) | 0.002 | 4.10E-12 | 48.082 |
| rs944002 | G | A | (0.076) | 0.002 | 1.00E-200 | 1023.838 |
| rs9543534 | T | C | 0.019 | 0.002 | 1.00E-16 | 68.945 |
| rs9549753 | A | C | 0.046 | 0.002 | 6.40E-111 | 500.785 |
| rs9573565 | T | C | 0.019 | 0.002 | 2.20E-15 | 62.856 |
| rs9577481 | A | G | 0.025 | 0.003 | 2.10E-20 | 85.702 |
| rs9583151 | C | T | 0.015 | 0.002 | 6.60E-13 | 51.656 |
| rs9595404 | T | C | 0.012 | 0.002 | 3.70E-08 | 30.321 |
| rs9616908 | G | A | (0.029) | 0.002 | 3.30E-43 | 189.950 |
| rs968042 | A | G | (0.024) | 0.002 | 1.60E-28 | 122.749 |
| rs972577 | T | C | 0.059 | 0.002 | 2.80E-179 | 815.138 |
| rs9729409 | G | A | 0.021 | 0.002 | 6.30E-20 | 83.527 |
| rs9736609 | A | G | (0.103) | 0.003 | 1.00E-200 | 1366.054 |
| rs9833022 | T | C | (0.050) | 0.008 | 4.50E-10 | 38.887 |
| rs9846396 | T | C | (0.016) | 0.002 | 7.30E-15 | 60.524 |
| rs9874738 | T | G | 0.016 | 0.002 | 1.20E-11 | 46.018 |
| rs9894399 | C | A | 0.025 | 0.004 | 8.10E-11 | 42.227 |
| rs9894993 | C | T | 0.016 | 0.002 | 3.90E-14 | 57.198 |
| rs9902260 | T | C | (0.027) | 0.002 | 5.50E-40 | 175.184 |
| rs9926137 | C | G | 0.026 | 0.003 | 1.60E-22 | 95.289 |
| rs993284 | G | C | 0.018 | 0.003 | 2.30E-12 | 49.195 |
| rs9937661 | C | T | 0.033 | 0.002 | 2.60E-55 | 245.415 |
| rs9974653 | C | A | 0.017 | 0.002 | 9.60E-15 | 59.973 |

Table S2. Details of COPD SNPs (with genome-wide significant SNPs)

| Exposure | SNP | Effect allele | Other allele | P value | Beta | Standard Error | F | Median F | Mean F |
|------------|-------------|---------------|--------------|---------|----------|----------------|---------|----------|--------|
| COPD | rs11083581 | T | G | 0.070 | 0.012 | 1.43E-08 | 32.140 | 36.725 | 54.856 |
| | rs11749630 | G | T | -0.059 | 0.010 | 5.76E-09 | 33.914 | | |
| | rs11811826 | A | T | -0.071 | 0.012 | 1.26E-09 | 36.870 | | |
| | rs12914385 | T | C | 0.192 | 0.010 | 2.38E-82 | 369.521 | | |
| | rs13270042 | G | A | 0.095 | 0.015 | 5.97E-10 | 38.330 | | |
| | rs13361953 | C | T | 0.056 | 0.010 | 1.96E-08 | 31.532 | | |
| | rs1379933 | C | T | -0.064 | 0.010 | 7.23E-10 | 37.959 | | |
| | rs141715902 | T | C | 0.182 | 0.031 | 3.78E-09 | 34.732 | | |
| | rs146790727 | T | C | -0.109 | 0.019 | 1.89E-08 | 31.601 | | |
| | rs16971904 | T | A | -0.178 | 0.030 | 1.60E-09 | 36.409 | | |
| | rs2855655 | C | T | 0.060 | 0.010 | 4.73E-09 | 34.299 | | |
| | rs28929474 | T | C | 0.329 | 0.032 | 1.98E-24 | 104.041 | | |
| | rs3936197 | A | G | -0.055 | 0.010 | 2.45E-08 | 31.101 | | |
| | rs56223946 | T | C | -0.112 | 0.017 | 2.15E-11 | 44.834 | | |
| | rs6011779 | T | C | -0.094 | 0.011 | 4.71E-17 | 70.455 | | |
| | rs624833 | G | T | -0.057 | 0.010 | 3.15E-08 | 30.612 | | |
| | rs6817273 | C | T | -0.060 | 0.010 | 9.20E-10 | 37.488 | | |
| | rs6869423 | T | C | 0.060 | 0.010 | 8.17E-10 | 37.720 | | |
| | rs708461 | C | G | 0.075 | 0.012 | 3.45E-10 | 39.404 | | |
| | rs76453876 | T | A | -0.168 | 0.029 | 5.43E-09 | 34.030 | | |
| | rs7676321 | A | G | 0.066 | 0.011 | 1.36E-09 | 36.725 | | |
| | rs7783505 | G | C | -0.058 | 0.010 | 1.24E-08 | 32.429 | | |
| | rs9270713 | A | G | 0.066 | 0.010 | 1.50E-11 | 45.531 | | |
| | rs11083581 | T | G | 0.070 | 0.012 | 1.43E-08 | 32.140 | | |
| | rs11749630 | G | T | -0.059 | 0.010 | 5.76E-09 | 33.914 | | |
| | rs11811826 | A | T | -0.071 | 0.012 | 1.26E-09 | 36.870 | | |
| | rs12914385 | T | C | 0.192 | 0.010 | 2.38E-82 | 369.521 | | |
| | rs13270042 | G | A | 0.095 | 0.015 | 5.97E-10 | 38.330 | | |
| | rs13361953 | C | T | 0.056 | 0.010 | 1.96E-08 | 31.532 | | |
| | rs1379933 | C | T | -0.064 | 0.010 | 7.23E-10 | 37.959 | | |
| | rs141715902 | T | C | 0.182 | 0.031 | 3.78E-09 | 34.732 | | |
| | rs146790727 | T | C | -0.109 | 0.019 | 1.89E-08 | 31.601 | | |
| | rs16971904 | T | A | -0.178 | 0.030 | 1.60E-09 | 36.409 | | |
| | rs2855655 | C | T | 0.060 | 0.010 | 4.73E-09 | 34.299 | | |
| | rs28929474 | T | C | 0.329 | 0.032 | 1.98E-24 | 104.041 | | |
| | rs3936197 | A | G | -0.055 | 0.010 | 2.45E-08 | 31.101 | | |
| | rs56223946 | T | C | -0.112 | 0.017 | 2.15E-11 | 44.834 | | |
| | rs6011779 | T | C | -0.094 | 0.011 | 4.71E-17 | 70.455 | | |
| | rs624833 | G | T | -0.057 | 0.010 | 3.15E-08 | 30.612 | | |
| | rs6817273 | C | T | -0.060 | 0.010 | 9.20E-10 | 37.488 | | |
| | rs6869423 | T | C | 0.060 | 0.010 | 8.17E-10 | 37.720 | | |
| | rs708461 | C | G | 0.075 | 0.012 | 3.45E-10 | 39.404 | | |
| rs76453876 | T | A | -0.168 | 0.029 | 5.43E-09 | 34.030 | | | |
| rs7676321 | A | G | 0.066 | 0.011 | 1.36E-09 | 36.725 | | | |
| rs7783505 | G | C | -0.058 | 0.010 | 1.24E-08 | 32.429 | | | |
| rs9270713 | A | G | 0.066 | 0.010 | 1.50E-11 | 45.531 | | | |
| rs11083581 | T | G | 0.070 | 0.012 | 1.43E-08 | 32.140 | | | |
| rs11749630 | G | T | -0.059 | 0.010 | 5.76E-09 | 33.914 | | | |
| rs11811826 | A | T | -0.071 | 0.012 | 1.26E-09 | 36.870 | | | |

| | | | | | | |
|-------------|---|---|--------|-------|----------|---------|
| rs12914385 | T | C | 0.192 | 0.010 | 2.38E-82 | 369.521 |
| rs13270042 | G | A | 0.095 | 0.015 | 5.97E-10 | 38.330 |
| rs13361953 | C | T | 0.056 | 0.010 | 1.96E-08 | 31.532 |
| rs1379933 | C | T | -0.064 | 0.010 | 7.23E-10 | 37.959 |
| rs141715902 | T | C | 0.182 | 0.031 | 3.78E-09 | 34.732 |
| rs146790727 | T | C | -0.109 | 0.019 | 1.89E-08 | 31.601 |
| rs16971904 | T | A | -0.178 | 0.030 | 1.60E-09 | 36.409 |
| rs2855655 | C | T | 0.060 | 0.010 | 4.73E-09 | 34.299 |
| rs28929474 | T | C | 0.329 | 0.032 | 1.98E-24 | 104.041 |
| rs3936197 | A | G | -0.055 | 0.010 | 2.45E-08 | 31.101 |
| rs56223946 | T | C | -0.112 | 0.017 | 2.15E-11 | 44.834 |
| rs6011779 | T | C | -0.094 | 0.011 | 4.71E-17 | 70.455 |
| rs624833 | G | T | -0.057 | 0.010 | 3.15E-08 | 30.612 |
| rs6817273 | C | T | -0.060 | 0.010 | 9.20E-10 | 37.488 |
| rs6869423 | T | C | 0.060 | 0.010 | 8.17E-10 | 37.720 |
| rs708461 | C | G | 0.075 | 0.012 | 3.45E-10 | 39.404 |
| rs76453876 | T | A | -0.168 | 0.029 | 5.43E-09 | 34.030 |
| rs7676321 | A | G | 0.066 | 0.011 | 1.36E-09 | 36.725 |
| rs7783505 | G | C | -0.058 | 0.010 | 1.24E-08 | 32.429 |
| rs9270713 | A | G | 0.066 | 0.010 | 1.50E-11 | 45.531 |
| rs11083581 | T | G | 0.070 | 0.012 | 1.43E-08 | 32.140 |
| rs11749630 | G | T | -0.059 | 0.010 | 5.76E-09 | 33.914 |
| rs11811826 | A | T | -0.071 | 0.012 | 1.26E-09 | 36.870 |
| rs12914385 | T | C | 0.192 | 0.010 | 2.38E-82 | 369.521 |
| rs13270042 | G | A | 0.095 | 0.015 | 5.97E-10 | 38.330 |
| rs13361953 | C | T | 0.056 | 0.010 | 1.96E-08 | 31.532 |
| rs1379933 | C | T | -0.064 | 0.010 | 7.23E-10 | 37.959 |
| rs141715902 | T | C | 0.182 | 0.031 | 3.78E-09 | 34.732 |
| rs146790727 | T | C | -0.109 | 0.019 | 1.89E-08 | 31.601 |
| rs16971904 | T | A | -0.178 | 0.030 | 1.60E-09 | 36.409 |
| rs2855655 | C | T | 0.060 | 0.010 | 4.73E-09 | 34.299 |
| rs28929474 | T | C | 0.329 | 0.032 | 1.98E-24 | 104.041 |
| rs3936197 | A | G | -0.055 | 0.010 | 2.45E-08 | 31.101 |
| rs56223946 | T | C | -0.112 | 0.017 | 2.15E-11 | 44.834 |
| rs6011779 | T | C | -0.094 | 0.011 | 4.71E-17 | 70.455 |
| rs624833 | G | T | -0.057 | 0.010 | 3.15E-08 | 30.612 |
| rs6817273 | C | T | -0.060 | 0.010 | 9.20E-10 | 37.488 |
| rs6869423 | T | C | 0.060 | 0.010 | 8.17E-10 | 37.720 |
| rs708461 | C | G | 0.075 | 0.012 | 3.45E-10 | 39.404 |
| rs76453876 | T | A | -0.168 | 0.029 | 5.43E-09 | 34.030 |
| rs7676321 | A | G | 0.066 | 0.011 | 1.36E-09 | 36.725 |
| rs7783505 | G | C | -0.058 | 0.010 | 1.24E-08 | 32.429 |
| rs9270713 | A | G | 0.066 | 0.010 | 1.50E-11 | 45.531 |

Table S3. Association of platelet indices With COPD Using Mendelian Randomization heterogeneity analysis results (With SNPs reaching $p < 5 \times 10^{-8}$)

| exposure | outcome | method | Statistic Q | Q_pval |
|-----------------------------|---------------------------|---------------------------|--------------------|---------------|
| Mean platelet volume | COPD | MR Egger | 827.9920912 | 1.36E-24 |
| | | Inverse variance weighted | 827.9990826 | 1.84E-24 |
| Plateletcrit | | MR Egger | 748.0672105 | 1.23E-16 |
| | | Inverse variance weighted | 748.424183 | 1.48E-16 |
| Platelet distribution width | | MR Egger | 646.2228622 | 4.43E-15 |
| | | Inverse variance weighted | 646.2803074 | 5.67E-15 |
| Platelet count | MR Egger | 844.5186508 | 9.92E-22 | |
| | Inverse variance weighted | 846.920958 | 7.83E-22 | |

Table S4. Association of COPD With platelet indices Using Mendelian Randomization heterogeneityanalysisresults (With SNPs reaching $p < 5 \times 10^{-8}$)

| exposure | outcome | method | Statistic Q | Q_pval |
|-----------------|-----------------------------|---------------------------|--------------------|---------------|
| COPD | Mean platelet volume | MR Egger | 144.5884594 | 1.86E-20 |
| | | Inverse variance weighted | 146.8464249 | 1.88E-20 |
| | Plateletcrit | MR Egger | 63.08985517 | 4.30E-06 |
| | | Inverse variance weighted | 66.12321105 | 2.66E-06 |
| | Platelet distribution width | MR Egger | 60.76532787 | 9.77E-06 |
| | | Inverse variance weighted | 62.59929825 | 9.14E-06 |
| | Platelet count | MR Egger | 105.7699896 | 2.71E-13 |
| | | Inverse variance weighted | 106.6388141 | 4.37E-13 |



MR leave-one-out sensitivity analysis for 'Platelet count || id:ebi-a-GCST90002402' on 'COPD'

Figure S2. Leave-one-out sensitivity analysis results of PLT on COPD.