**table S2** The selected SNPs for studying the relationship between current smoking and CTS.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chr | SNP | A1 | A2 | Beta | EAF | SE | p | F |
| 1 | rs11210229 | G | A | -0.006 | 0.616306 | 0.001169 | 2.90E-07 | 26.31286 |
| 1 | rs1149331 | A | G | 0.005739 | 0.52345 | 0.001137 | 4.50E-07 | 25.48029 |
| 1 | rs3001723 | A | G | 0.007215 | 0.301175 | 0.001239 | 5.70E-09 | 33.92687 |
| 2 | rs12469094 | C | A | -0.00686 | 0.68186 | 0.001225 | 2.20E-08 | 31.34316 |
| 2 | rs12693975 | A | G | 0.007965 | 0.813989 | 0.001461 | 5.00E-08 | 29.73041 |
| 2 | rs1429423 | T | C | -0.00728 | 0.783461 | 0.001384 | 1.50E-07 | 27.62875 |
| 2 | rs28545614 | T | C | 0.008931 | 0.156729 | 0.001572 | 1.30E-08 | 32.29406 |
| 2 | rs3087898 | A | G | -0.00642 | 0.424573 | 0.001152 | 2.60E-08 | 31.00218 |
| 2 | rs385076 | C | T | -0.00644 | 0.644242 | 0.001197 | 7.20E-08 | 29.00013 |
| 2 | rs4832280 | T | C | 0.006297 | 0.394969 | 0.001163 | 6.20E-08 | 29.29975 |
| 2 | rs6727997 | G | A | 0.007378 | 0.654335 | 0.001204 | 9.00E-10 | 37.52137 |
| 2 | rs72804566 | T | A | 0.017218 | 0.03574 | 0.00307 | 2.00E-08 | 31.44946 |
| 2 | rs7569203 | C | A | 0.006917 | 0.311269 | 0.001233 | 2.00E-08 | 31.47214 |
| 3 | rs114895876 | G | A | 0.026601 | 0.012764 | 0.005208 | 3.30E-07 | 26.08961 |
| 3 | rs4955411 | G | A | -0.00752 | 0.778828 | 0.00137 | 4.10E-08 | 30.10677 |
| 4 | rs11096777 | C | T | 0.009455 | 0.18038 | 0.001481 | 1.70E-10 | 40.73487 |
| 4 | rs6533177 | A | T | 0.007254 | 0.778303 | 0.001379 | 1.40E-07 | 27.65522 |
| 4 | rs6534338 | C | T | 0.006815 | 0.703576 | 0.001253 | 5.40E-08 | 29.58272 |
| 4 | rs76239555 | G | A | 0.020698 | 0.024113 | 0.004034 | 2.90E-07 | 26.32588 |
| 4 | rs7689379 | G | T | 0.006113 | 0.360234 | 0.001183 | 2.40E-07 | 26.69583 |
| 4 | rs7689452 | G | A | -0.00742 | 0.31352 | 0.001229 | 1.60E-09 | 36.45606 |
| 5 | rs1549212 | T | C | -0.00751 | 0.626264 | 0.001177 | 1.70E-10 | 40.73474 |
| 5 | rs159032 | T | C | 0.006858 | 0.245922 | 0.001323 | 2.20E-07 | 26.88451 |
| 5 | rs329120 | T | C | -0.00667 | 0.419332 | 0.001154 | 7.70E-09 | 33.35908 |
| 5 | rs35120974 | G | A | 0.006291 | 0.417381 | 0.001158 | 5.50E-08 | 29.52321 |
| 7 | rs12666306 | G | A | -0.0092 | 0.498932 | 0.001144 | 8.80E-16 | 64.68055 |
| 7 | rs30594 | T | C | 0.005799 | 0.578149 | 0.001153 | 4.90E-07 | 25.3003 |
| 7 | rs6466488 | A | G | 0.00622 | 0.594497 | 0.001163 | 8.90E-08 | 28.5997 |
| 7 | rs6951574 | C | T | 0.006854 | 0.468027 | 0.001151 | 2.60E-09 | 35.44552 |
| 7 | rs705308 | A | C | 0.00598 | 0.472838 | 0.001137 | 1.40E-07 | 27.66249 |
| 7 | rs77463368 | C | T | 0.012967 | 0.056013 | 0.002498 | 2.10E-07 | 26.94126 |
| 7 | rs7807019 | G | A | 0.007451 | 0.459691 | 0.001142 | 6.90E-11 | 42.54962 |
| 8 | rs1565735 | A | T | -0.01013 | 0.203149 | 0.001425 | 1.20E-12 | 50.52096 |
| 8 | rs2740776 | T | C | -0.00721 | 0.727232 | 0.001283 | 1.90E-08 | 31.57567 |
| 9 | rs2047502 | A | C | 0.007133 | 0.411335 | 0.00116 | 7.80E-10 | 37.81109 |
| 9 | rs28481902 | C | T | 0.01384 | 0.048569 | 0.002652 | 1.80E-07 | 27.24352 |
| 9 | rs3025316 | C | T | 0.019676 | 0.11429 | 0.001793 | 5.00E-28 | 120.4661 |
| 9 | rs4543592 | C | T | 0.006298 | 0.480069 | 0.001141 | 3.40E-08 | 30.46876 |
| 10 | rs10786717 | G | A | 0.007709 | 0.329048 | 0.00121 | 1.90E-10 | 40.5637 |
| 10 | rs11255908 | G | T | 0.006735 | 0.256506 | 0.001304 | 2.40E-07 | 26.66474 |
| 10 | rs11596214 | A | G | -0.00641 | 0.406984 | 0.001169 | 4.10E-08 | 30.10478 |
| 10 | rs2463126 | G | A | -0.0125 | 0.939 | 0.002382 | 1.50E-07 | 27.54832 |
| 10 | rs2588978 | C | T | -0.00651 | 0.519271 | 0.001138 | 1.00E-08 | 32.7653 |
| 11 | rs10891481 | G | A | 0.008453 | 0.383657 | 0.001174 | 5.90E-13 | 51.87375 |
| 11 | rs11030382 | T | C | -0.00589 | 0.381336 | 0.00117 | 4.70E-07 | 25.39358 |
| 11 | rs214904 | T | C | -0.00658 | 0.398277 | 0.001164 | 1.60E-08 | 31.94814 |
| 11 | rs2939755 | C | T | -0.00617 | 0.581344 | 0.00116 | 1.00E-07 | 28.28266 |
| 11 | rs621125 | T | G | 0.00606 | 0.668084 | 0.001203 | 4.70E-07 | 25.37856 |
| 12 | rs11057005 | G | A | -0.00581 | 0.43692 | 0.001154 | 4.80E-07 | 25.3531 |
| 14 | rs10134246 | A | G | 0.01155 | 0.909375 | 0.001997 | 7.30E-09 | 33.45788 |
| 14 | rs10149845 | T | C | 0.006258 | 0.417711 | 0.001157 | 6.30E-08 | 29.26026 |
| 14 | rs3742365 | C | T | 0.006672 | 0.404833 | 0.001163 | 9.50E-09 | 32.93242 |
| 14 | rs7155595 | C | A | 0.00695 | 0.325737 | 0.00122 | 1.20E-08 | 32.48214 |
| 15 | rs34488670 | C | T | 0.00979 | 0.21112 | 0.0014 | 2.70E-12 | 48.90505 |
| 15 | rs8031550 | A | G | -0.00798 | 0.240382 | 0.001332 | 2.10E-09 | 35.86035 |
| 16 | rs752894 | G | A | 0.006477 | 0.324521 | 0.001217 | 1.00E-07 | 28.31562 |
| 17 | rs60616188 | T | C | 0.008103 | 0.152549 | 0.001586 | 3.20E-07 | 26.10943 |
| 18 | rs1452787 | G | A | 0.007054 | 0.276265 | 0.001271 | 2.80E-08 | 30.80766 |
| 19 | rs56113850 | C | T | -0.01266 | 0.577585 | 0.001152 | 4.20E-28 | 120.8224 |
| 20 | rs4809542 | G | C | 0.016765 | 0.069874 | 0.002239 | 7.00E-14 | 56.06141 |
| 20 | rs6050215 | T | C | 0.016684 | 0.968683 | 0.003288 | 3.90E-07 | 25.74433 |
| 20 | rs74963256 | C | T | -0.00993 | 0.093518 | 0.001973 | 4.80E-07 | 25.3501 |
| 22 | rs55748187 | G | A | 0.010944 | 0.079065 | 0.002117 | 2.30E-07 | 26.72186 |
| 22 | rs9607805 | T | C | 0.008251 | 0.726456 | 0.001282 | 1.20E-10 | 41.43717 |

 Chr: chromosome; SNP: single nucleotide polymorphism; A1: effect allele; A2: other allele; EAF: A1 allele frequency; SE: standard error.