**Supporting Information File S1 for:**

**Genetic Variation in the *TAS2R38* Bitter Taste Receptor and Smoking Behaviors**

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This S1 file includes:

Table A

Table B

**S1- Table A.** Characteristics of the Georgia, DHS and Biobank participants by smoking status.

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Non-smokers** | **Smokers** | **P-value** |
| **Georgia cohort** |  |  |  |
| N | 114 | 123 |  |
| Age, years, mean (SD) | 21.2 (1.9) | 20.6 (1.8) | 0.85 |
| Female, N (%) | 54 (47.4%) | 67 (54.5%) | 0.72 |
|  |  |  |  |
| **DHS African American** |  |  |  |
| N | 1640 | 723 |  |
| Age, years, mean (SD) | 48.4 (11.6) | 47.6 (10.4) | 0.13 |
| Female, N (%) | 1053 (64.2%) | 357 (49.4%) | <0.001 |
|  |  |  |  |
| **DHS European American** |  |  |  |
| N | 1037 | 316 |  |
| Age, years, mean (SD) | 51.2 (11.3) | 46.4 (10.2) | <0.001 |
| Female, N (%) | 566 (54.6%) | 158 (50.0%) | 0.17 |
|  |  |  |  |
| **Biobank African American** |  |  |  |
| N | 3447 | 1526 |  |
| Age, years, mean (SD) | 45.3 (15.1) | 43.8 (13.4) | 0.001 |
| Female, N (%) | 2449 (71.0%) | 789 (51.7%) | <0.001 |

**S1- Table B.** *TAS2R38* Haplotype Frequencies in the Study Cohorts.

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