

S1 Table. Sun-exposed vs. not sun-exposed

| <i>Gene</i> | <i>M_{Sun-exposed}</i> | <i>M_{Not sun-exposed}</i> | <i>Kruskal-Wallis chi-squared</i> | <i>DF</i> | <i>P</i> | <i>Summary</i> |
|-------------|--------------------------------|------------------------------------|-----------------------------------|-----------|-----------|----------------|
| TAS2R1 | 0 | 0 | 0.778 | 1 | 0.3777 | n.s. |
| TAS2R3 | 0.110 | 0.120 | 0.232 | 1 | 0.6302 | n.s. |
| TAS2R4 | 0.554 | 0.596 | 1.604 | 1 | 0.2053 | n.s. |
| TAS2R5 | 1.774 | 1.885 | 1.345 | 1 | 0.2462 | n.s. |
| TAS2R7 | 0 | 0 | 3.795 | 1 | 0.0514 | n.s. |
| TAS2R8 | 0 | 0 | 0.169 | 1 | 0.6808 | n.s. |
| TAS2R9 | 0 | 0 | 2.885 | 1 | 0.0894 | n.s. |
| TAS2R10 | 0.109 | 0.083 | 3.492 | 1 | 0.06167 | n.s. |
| TAS2R13 | 0.023 | 0.022 | 0.103 | 1 | 0.7488 | n.s. |
| TAS2R14 | 0.701 | 0.785 | 5.401 | 1 | 0.02012 | * |
| TAS2R16 | 0 | 0 | 0.142 | 1 | 0.7059 | n.s. |
| TAS2R19 | 0.184 | 0.186 | 0.055 | 1 | 0.8138 | n.s. |
| TAS2R20 | 0.774 | 0.750 | 0.466 | 1 | 0.495 | n.s. |
| TAS2R30 | 0.025 | 0.034 | 9.381 | 1 | 0.002192 | ** |
| TAS2R31 | 0.210 | 0.186 | 1.017 | 1 | 0.3132 | n.s. |
| TAS2R38 | 0 | 0 | 3.166 | 1 | 0.07521 | n.s. |
| TAS2R39 | 0 | 0 | 0.022 | 1 | 0.8829 | n.s. |
| TAS2R40 | 0 | 0 | 0.453 | 1 | 0.501 | n.s. |
| TAS2R41 | 0 | 0 | 3.662 | 1 | 0.05565 | n.s. |
| TAS2R42 | 0 | 0 | 4.624 | 1 | 0.03153 | * |
| TAS2R43 | 0.032 | 0.036 | 0.828 | 1 | 0.3628 | n.s. |
| TAS2R46 | 0.037 | 0.039 | 0.404 | 1 | 0.5248 | n.s. |
| TAS2R50 | 0.031 | 0.036 | 3.452 | 1 | 0.06316 | n.s. |
| TAS2R60 | 0.046 | 0 | 66.581 | 1 | 3.359e-16 | **** |