| Gene | SNP | Location\_GRCh38 | Effect\_allele | p\_bonferroni | Variant\_Type | Variant\_Effect |
| --- | --- | --- | --- | --- | --- | --- |
| GNAS | chr20\_58899110 | chr20:58899110 | TG | 2.45e-03 | intron\_variant | - |
| GPR161 | chr1\_168136343 | chr1:168136343 | AGG | 8.54e-06 | frameshift\_variant | p.Gly19fs |
| PLCB2 | chr15\_40304246 | chr15:40304246 | TG | 2.46e-03 | intron\_variant | - |
| rs2305645 | chr15:40303364 | T | 3.38e-02 | splice\_region\_variant&intron\_variant | - |
| SCNN1D | rs111819661 | chr1:1287578 | T | 3.74e-02 | missense\_variant | p.Arg461Cys |
| TAS1R2 | chr1\_18854746 | chr1:18854746 | T | 4.42e-02 | frameshift\_variant | p.Thr242fs |
| TAS2R43 | rs200029065 | chr12:11091314 | G | 2.35e-03 | missense\_variant | p.Thr306Pro |
| chr12\_11092256 | chr12:11092256 | T | 1.70e-02 | 5\_prime\_UTR\_variant | - |
|  | chr20\_58899111 | chr20:58899111 | \* | 2.86e-03 |  |  |
| chr12\_11092257 | chr12:11092257 | \* | 6.09e-03 |  |  |