| Gene | SNP | Location\_GRCh38 | Effect\_allele | p\_bonferroni | Variant\_Type | Variant\_Effect |
| --- | --- | --- | --- | --- | --- | --- |
| GNAS | . | chr20:58899110 | TG | 9.95e-03 | intron\_variant | - |
| GPR161 | . | chr1:168136343 | AGG | 1.91e-05 | frameshift\_variant | p.Gly19fs |
| PLCB2 | . | chr15:40304246 | TG | 1.07e-02 | intron\_variant | - |
| TAS2R43 | rs200029065 | chr12:11091314 | G | 4.44e-03 | missense\_variant | p.Thr306Pro |
| . | chr12:11092256 | T | 1.79e-02 | 5\_prime\_UTR\_variant | - |
|  | . | chr12:11092257 | \* | 6.87e-03 |  |  |
| . | chr20:58899111 | \* | 1.08e-02 |  |  |