| Gene | SNP | Location\_GRCh38 | Effect\_allele | Variant\_Type | Variant\_Effect |
| --- | --- | --- | --- | --- | --- |
| ADGRG1 | rs10852554 | chr16:57663620 | T | 3\_prime\_UTR\_variant | - |
| CA6 | rs2274330 | chr1:8949411 | C | synonymous\_variant | - |
| GNAS | rs74934823 | chr20:58853892 | A | missense\_variant | p.Arg147Lys |
| GPR107 | rs5900882 | chr9:130054119 | T | intron\_variant | - |
| GPR161 | rs114885433 | chr1:168137407 | T | synonymous\_variant | - |
| GPR87 | rs9819885 | chr3:151295108 | T | synonymous\_variant | - |
| OTOP1 | rs145781170 | chr4:4197180 | A | missense\_variant | p.Leu552Phe |
| rs2980146 | chr4:4226737 | A | missense\_variant | p.Ala43Val |
| PLCB2 | rs936212 | chr15:40289342 | C | missense\_variant | p.Glu1095Gly |
| rs2305645 | chr15:40303364 | T | splice\_region\_variant&intron\_variant | - |
| SCNN1A | rs57233912 | chr12:6348670 | A | intron\_variant | - |
| SCNN1D | rs111819661 | chr1:1287578 | T | missense\_variant | p.Arg461Cys |
| TAS1R2 | rs72953138 | chr1:18857682 | A | intron\_variant | - |
| TAS1R3 | rs112507608 | chr1:1334108 | A | missense\_variant | p.Ala735Thr |
| TAS2R4 | rs2234002 | chr7:141779000 | G | synonymous\_variant | - |
| TAS2R40 | rs10260248 | chr7:143222638 | A | missense\_variant | p.Ser187Tyr |
| TAS2R43 | rs200029065 | chr12:11091314 | G | missense\_variant | p.Thr306Pro |