| Gene | SNP | Location\_GRCh38 | Effect\_allele | Variant\_Type | Variant\_Effect | feature | p\_bonferroni |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ADGRG1 | rs74326170 | chr16:57657497 | A | splice\_region\_variant&intron\_variant | - | B\_Stomatobaculum\_sp.\_HMT\_097 | 6.69e-03 |
| rs2305308 | chr16:57656407 | G | intron\_variant | - | B\_Actinomyces\_sp.\_HMT\_896 | 3.28e-02 |
| rs74326170 | chr16:57657497 | A | splice\_region\_variant&intron\_variant | - | B\_Actinomyces\_sp.\_HMT\_896 | 1.64e-02 |
| CA6 | rs2274330 | chr1:8949411 | C | synonymous\_variant | - | B\_Capnocytophaga\_sputigena | 6.25e-03 |
| rs2274330 | chr1:8949411 | C | synonymous\_variant | - | B\_Lautropia\_mirabilis | 5.23e-03 |
| FFAR4 | rs41290218 | chr10:93587624 | A | 3\_prime\_UTR\_variant | - | F\_Candida\_dubliniensis | 6.21e-04 |
| GPR107 | rs5900882 | chr9:130054119 | T | intron\_variant | - | B\_Streptococcus\_mutans | 6.43e-03 |
| rs5900882 | chr9:130054119 | T | intron\_variant | - | B\_Streptococcus\_salivarius | 3.42e-02 |
| rs5900882 | chr9:130054119 | T | intron\_variant | - | F\_Candida\_dubliniensis | 3.67e-02 |
| rs5900882 | chr9:130054119 | T | intron\_variant | - | F\_Candida\_albicans | 1.29e-03 |
| GPR161 | . | chr1:168136343 | AGG | frameshift\_variant | p.Pro18fs | B\_Streptococcus\_mutans | 4.19e-04 |
| . | chr1:168136343 | AGG | frameshift\_variant | p.Pro18fs | B\_Gemella\_morbillorum | 2.50e-03 |
| . | chr1:168136343 | AGG | frameshift\_variant | p.Pro18fs | B\_Riemerella\_sp.\_HMT\_322 | 3.74e-02 |
| . | chr1:168136343 | AGG | frameshift\_variant | p.Pro18fs | B\_Abiotrophia\_defectiva | 9.56e-03 |
| . | chr1:168136343 | AGG | frameshift\_variant | p.Pro18fs | F\_Candida\_dubliniensis | 1.13e-08 |
| . | chr1:168136343 | AGG | frameshift\_variant | p.Pro18fs | F\_Candida\_albicans | 2.51e-12 |
| OTOP1 | rs145781170 | chr4:4197180 | A | missense\_variant | p.Leu552Phe | F\_Candida\_dubliniensis | 4.12e-02 |
| SCNN1A | rs57233912 | chr12:6348670 | A | intron\_variant | - | B\_Actinomyces\_sp.\_HMT\_896 | 3.17e-02 |
| SCNN1D | rs111819661 | chr1:1287578 | T | missense\_variant | p.Arg461Cys | B\_Streptococcus\_mutans | 2.25e-02 |
| rs111819661 | chr1:1287578 | T | missense\_variant | p.Arg461Cys | B\_Neisseria\_bacilliformis | 1.43e-02 |
| rs111819661 | chr1:1287578 | T | missense\_variant | p.Arg461Cys | F\_Candida\_dubliniensis | 4.91e-02 |
| TAS2R8 | rs2537817 | chr12:10806059 | T | missense\_variant | p.Met308Val | B\_Riemerella\_sp.\_HMT\_322 | 7.87e-03 |