# Somatic Mutation results

## Study Name: database change demo

October 26, 2016

Dear Jaimin,

We have found following 10 interesting SNPs from your query.

Please feel free to contact me for any additional information.

I look forward to assisting you in this project.

Best regards,

Team Snippy

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Gene | Chromosome | Start | Reference Allele | Alt. Allele | Varient Class | Varient Type |
| OR4F5 | 1 | 69511 | A | G | Missense\_Mutation | SNP |
| NOC2L | 1 | 881627 | G | A | Silent | SNP |
| NOC2L | 1 | 887560 | A | C | Intron | SNP |
| NOC2L | 1 | 887801 | A | G | Silent | SNP |
| NOC2L | 1 | 888639 | T | C | Silent | SNP |
| NOC2L | 1 | 888659 | T | C | Missense\_Mutation | SNP |
| NOC2L | 1 | 889158 | G | C | Intron | SNP |
| NOC2L | 1 | 889159 | A | C | Intron | SNP |
| KLHL17 | 1 | 897325 | G | C | Silent | SNP |
| PLEKHN1 | 1 | 909309 | T | C | Missense\_Mutation | SNP |
| PLEKHN1 | 1 | 909768 | A | G | Intron | SNP |
| ISG15 | 1 | 948921 | T | C | 5'UTR | SNP |
| ISG15 | 1 | 949478 | G | A | Missense\_Mutation | SNP |
| AGRN | 1 | 977330 | T | C | Intron | SNP |
| AGRN | 1 | 981087 | A | G | Intron | SNP |
| AGRN | 1 | 982994 | T | C | Silent | SNP |
| AGRN | 1 | 985266 | C | T | Intron | SNP |
| AGRN | 1 | 987200 | C | T | Intron | SNP |
| TTLL10 | 1 | 1115548 | G | A | Missense\_Mutation | SNP |
| TNFRSF4 | 1 | 1147422 | C | T | Silent | SNP |
| SDF4 | 1 | 1158631 | A | G | Silent | SNP |
| PUSL1 | 1 | 1246004 | A | G | Intron | SNP |
| CPSF3L | 1 | 1249187 | G | A | Silent | SNP |
| CPSF3L | 1 | 1254841 | C | G | Silent | SNP |
| TAS1R3 | 1 | 1266738 | G | A | Missense\_Mutation | SNP |
| TAS1R3 | 1 | 1266740 | T | A | Silent | SNP |
| MXRA8 | 1 | 1289911 | G | A | Intron | SNP |
| ATAD3B | 1 | 1431165 | C | T | Missense\_Mutation | SNP |
| MIB2 | 1 | 1551927 | T | C | Missense\_Mutation | SNP |
| NADK | 1 | 1684472 | C | T | Silent | SNP |
| TMEM52 | 1 | 1849529 | A | G | Missense\_Mutation | SNP |
| GABRD | 1 | 1961408 | C | T | Intron | SNP |
| MORN1 | 1 | 2288852 | G | A | Intron | SNP |
| PEX10 | 1 | 2340200 | T | C | Silent | SNP |
| PTPRJ | 11 | 48145247 | T | C | Silent | SNP |
| PTPRJ | 11 | 48157869 | T | C | Intron | SNP |
| PTPRJ | 11 | 48166267 | G | C | Missense\_Mutation | SNP |
| PTPRJ | 11 | 48184971 | CCTTTCT | CCT | Intron | DEL |
| PTPRJ | 11 | 48184983 | G | T | Intron | SNP |
| OR4B1 | 11 | 48238421 | T | G | Silent | SNP |
| OR4X2 | 11 | 48267589 | A | G | 3'UTR | SNP |
| OR4X1 | 11 | 48285842 | A | G | Missense\_Mutation | SNP |
| OR4X1 | 11 | 48285856 | C | T | Silent | SNP |
| OR4X1 | 11 | 48285981 | CCTTCTTC | CCTTC | Frame\_Shift\_Del | DEL |
| OR4X1 | 11 | 48286231 | T | A | Nonsense\_Mutation | SNP |
| OR4X1 | 11 | 48286256 | C | T | Missense\_Mutation | SNP |
| OR4A47 | 11 | 48510654 | A | C | Missense\_Mutation | SNP |
| OR4A47 | 11 | 48510777 | G | A | Missense\_Mutation | SNP |
| FOLH1 | 11 | 49175475 | T | C | Silent | SNP |
| FOLH1 | 11 | 49176057 | C | T | Intron | SNP |
| FOLH1 | 11 | 49208267 | G | A | Missense\_Mutation | SNP |
| OR4C13 | 11 | 49974371 | G | A | Missense\_Mutation | SNP |
| OR4C12 | 11 | 50003191 | C | A | Missense\_Mutation | SNP |
| OR4C46 | 11 | 51516000 | C | T | Missense\_Mutation | SNP |
| OR4C46 | 11 | 51516036 | G | A | Missense\_Mutation | SNP |
| OR4A16 | 11 | 55111238 | C | A | Missense\_Mutation | SNP |
| OR4A15 | 11 | 55135435 | C | T | Missense\_Mutation | SNP |
| OR4C15 | 11 | 55322211 | A | G | Silent | SNP |
| OR4C6 | 11 | 55433040 | T | C | Missense\_Mutation | SNP |
| OR5D14 | 11 | 55563776 | T | G | Missense\_Mutation | SNP |
| OR5D18 | 11 | 55587117 | T | A | Silent | SNP |
| OR5D18 | 11 | 55587511 | A | G | Missense\_Mutation | SNP |
| OR5D18 | 11 | 55587914 | A | G | Missense\_Mutation | SNP |
| OR5D16 | 11 | 55606302 | G | T | Silent | SNP |
| OR5D16 | 11 | 55606818 | C | T | Silent | SNP |
| OR5W2 | 11 | 55681494 | G | A | Missense\_Mutation | SNP |
| OR5F1 | 11 | 55761221 | C | T | Missense\_Mutation | SNP |
| OR5F1 | 11 | 55761738 | T | G | Silent | SNP |
| OR5AS1 | 11 | 55798152 | G | A | Silent | SNP |
| OR8I2 | 11 | 55860780 | G | A | 5'UTR | SNP |
| OR8H2 | 11 | 55872876 | C | T | Missense\_Mutation | SNP |
| FN1 | 2 | 216256344 | C | G | Intron | SNP |
| FN1 | 2 | 216269095 | C | T | Intron | SNP |
| FN1 | 2 | 216269209 | T | G | Silent | SNP |
| FN1 | 2 | 216269254 | T | G | Silent | SNP |
| FN1 | 2 | 216272900 | T | G | Missense\_Mutation | SNP |
| FN1 | 2 | 216288841 | T | C | Intron | SNP |
| PECR | 2 | 216904019 | A | T | Missense\_Mutation | SNP |
| MARCH4 | 2 | 217148417 | C | A | Silent | SNP |
| IGFBP2 | 2 | 217526648 | G | T | Missense\_Mutation | SNP |
| IGFBP5 | 2 | 217541582 | T | C | Silent | SNP |
| TNS1 | 2 | 218674697 | C | T | Missense\_Mutation | SNP |
| TNS1 | 2 | 218683154 | A | G | Missense\_Mutation | SNP |
| TNS1 | 2 | 218683257 | A | G | Silent | SNP |
| TNS1 | 2 | 218694510 | CTTT | CTT | Intron | DEL |
| TNS1 | 2 | 218694551 | A | G | Intron | SNP |
| TNS1 | 2 | 218695102 | G | A | Missense\_Mutation | SNP |
| TNS1 | 2 | 218745685 | G | A | Silent | SNP |
| CXCR2 | 2 | 219000310 | C | T | Silent | SNP |
| ARPC2 | 2 | 219103580 | A | G | Intron | SNP |
| AAMP | 2 | 219131616 | A | C | Missense\_Mutation | SNP |
| TMBIM1 | 2 | 219140288 | G | C | Silent | SNP |
| TMBIM1 | 2 | 219144089 | G | A | Intron | SNP |
| TMBIM1 | 2 | 219144815 | T | C | Silent | SNP |
| SLC11A1 | 2 | 219249013 | C | T | Silent | SNP |
| SLC11A1 | 2 | 219254622 | A | G | Silent | SNP |
| SLC11A1 | 2 | 219257688 | T | C | Intron | SNP |
| CTDSP1 | 2 | 219267781 | C | T | Silent | SNP |
| USP37 | 2 | 219319657 | A | G | Missense\_Mutation | SNP |
| USP37 | 2 | 219353195 | C | T | Intron | SNP |
| ZNF142 | 2 | 219503113 | C | T | Silent | SNP |
| ZNF142 | 2 | 219507302 | C | T | Missense\_Mutation | SNP |

## Gene: OR4F5

Ensembl ID: ENSG00000186092

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily F member 5 [Source:HGNC Symbol;Acc:HGNC:14825] and involved in protein\_coding.

## Gene: NOC2L

Ensembl ID: ENSG00000188976

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as NOC2 like nucleolar associated transcriptional repressor [Source:HGNC Symbol;Acc:HGNC:24517] and involved in protein\_coding.

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It is known as NOC2 like nucleolar associated transcriptional repressor [Source:HGNC Symbol;Acc:HGNC:24517] and involved in protein\_coding.

## Gene: KLHL17

Ensembl ID: ENSG00000187961

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as kelch like family member 17 [Source:HGNC Symbol;Acc:HGNC:24023] and involved in protein\_coding.

## Gene: PLEKHN1

Ensembl ID: ENSG00000187583

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as pleckstrin homology domain containing N1 [Source:HGNC Symbol;Acc:HGNC:25284] and involved in protein\_coding.

## Gene: PLEKHN1

Ensembl ID: ENSG00000187583

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as pleckstrin homology domain containing N1 [Source:HGNC Symbol;Acc:HGNC:25284] and involved in protein\_coding.

## Gene: ISG15

Ensembl ID: ENSG00000187608

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as ISG15 ubiquitin-like modifier [Source:HGNC Symbol;Acc:HGNC:4053] and involved in protein\_coding.

## Gene: ISG15

Ensembl ID: ENSG00000187608

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as ISG15 ubiquitin-like modifier [Source:HGNC Symbol;Acc:HGNC:4053] and involved in protein\_coding.

## Gene: AGRN

Ensembl ID: ENSG00000188157

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as agrin [Source:HGNC Symbol;Acc:HGNC:329] and involved in protein\_coding.

## Gene: AGRN

Ensembl ID: ENSG00000188157

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as agrin [Source:HGNC Symbol;Acc:HGNC:329] and involved in protein\_coding.

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It is known as agrin [Source:HGNC Symbol;Acc:HGNC:329] and involved in protein\_coding.

## Gene: TTLL10

Ensembl ID: ENSG00000162571

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as tubulin tyrosine ligase like 10 [Source:HGNC Symbol;Acc:HGNC:26693] and involved in protein\_coding.

## Gene: TNFRSF4

Ensembl ID: ENSG00000186827

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as TNF receptor superfamily member 4 [Source:HGNC Symbol;Acc:HGNC:11918] and involved in protein\_coding.

## Gene: SDF4

Ensembl ID: ENSG00000078808

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as stromal cell derived factor 4 [Source:HGNC Symbol;Acc:HGNC:24188] and involved in protein\_coding.

## Gene: PUSL1

Ensembl ID: ENSG00000169972

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as pseudouridylate synthase-like 1 [Source:HGNC Symbol;Acc:HGNC:26914] and involved in protein\_coding.

## Gene: CPSF3L

Ensembl ID: ENSG00000127054

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as cleavage and polyadenylation specific factor 3-like [Source:HGNC Symbol;Acc:HGNC:26052] and involved in protein\_coding.

## Gene: CPSF3L

Ensembl ID: ENSG00000127054

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as cleavage and polyadenylation specific factor 3-like [Source:HGNC Symbol;Acc:HGNC:26052] and involved in protein\_coding.

## Gene: TAS1R3

Ensembl ID: ENSG00000169962

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as taste 1 receptor member 3 [Source:HGNC Symbol;Acc:HGNC:15661] and involved in protein\_coding.

## Gene: TAS1R3

Ensembl ID: ENSG00000169962

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as taste 1 receptor member 3 [Source:HGNC Symbol;Acc:HGNC:15661] and involved in protein\_coding.

## Gene: MXRA8

Ensembl ID: ENSG00000162576

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as matrix remodeling associated 8 [Source:HGNC Symbol;Acc:HGNC:7542] and involved in protein\_coding.

## Gene: ATAD3B

Ensembl ID: ENSG00000160072

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as ATPase family, AAA domain containing 3B [Source:HGNC Symbol;Acc:HGNC:24007] and involved in protein\_coding.

## Gene: MIB2

Ensembl ID: ENSG00000197530

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as mindbomb E3 ubiquitin protein ligase 2 [Source:HGNC Symbol;Acc:HGNC:30577] and involved in protein\_coding.

## Gene: NADK

Ensembl ID: ENSG00000008130

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as NAD kinase [Source:HGNC Symbol;Acc:HGNC:29831] and involved in protein\_coding.

## Gene: TMEM52

Ensembl ID: ENSG00000178821

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as transmembrane protein 52 [Source:HGNC Symbol;Acc:HGNC:27916] and involved in protein\_coding.

## Gene: GABRD

Ensembl ID: ENSG00000187730

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as gamma-aminobutyric acid type A receptor delta subunit [Source:HGNC Symbol;Acc:HGNC:4084] and involved in protein\_coding.

## Gene: MORN1

Ensembl ID: ENSG00000116151

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as MORN repeat containing 1 [Source:HGNC Symbol;Acc:HGNC:25852] and involved in protein\_coding.

## Gene: PEX10

Ensembl ID: ENSG00000157911

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as peroxisomal biogenesis factor 10 [Source:HGNC Symbol;Acc:HGNC:8851] and involved in protein\_coding.

## Gene: PTPRJ

Ensembl ID: ENSG00000149177

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as protein tyrosine phosphatase, receptor type J [Source:HGNC Symbol;Acc:HGNC:9673] and involved in protein\_coding.

## Gene: PTPRJ

Ensembl ID: ENSG00000149177

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as protein tyrosine phosphatase, receptor type J [Source:HGNC Symbol;Acc:HGNC:9673] and involved in protein\_coding.

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Ensembl ID: ENSG00000149177

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It is known as protein tyrosine phosphatase, receptor type J [Source:HGNC Symbol;Acc:HGNC:9673] and involved in protein\_coding.

## Gene: OR4B1

Ensembl ID: ENSG00000175619

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily B member 1 [Source:HGNC Symbol;Acc:HGNC:8290] and involved in protein\_coding.

## Gene: OR4X2

Ensembl ID: ENSG00000172208

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily X member 2 (gene/pseudogene) [Source:HGNC Symbol;Acc:HGNC:15184] and involved in polymorphic\_pseudogene.

## Gene: OR4X1

Ensembl ID: ENSG00000176567

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily X member 1 (gene/pseudogene) [Source:HGNC Symbol;Acc:HGNC:14854] and involved in protein\_coding.

## Gene: OR4X1

Ensembl ID: ENSG00000176567

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily X member 1 (gene/pseudogene) [Source:HGNC Symbol;Acc:HGNC:14854] and involved in protein\_coding.

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Ensembl ID: ENSG00000176567

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily X member 1 (gene/pseudogene) [Source:HGNC Symbol;Acc:HGNC:14854] and involved in protein\_coding.

## Gene: OR4A47

Ensembl ID: ENSG00000237388

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily A member 47 [Source:HGNC Symbol;Acc:HGNC:31266] and involved in protein\_coding.

## Gene: OR4A47

Ensembl ID: ENSG00000237388

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily A member 47 [Source:HGNC Symbol;Acc:HGNC:31266] and involved in protein\_coding.

## Gene: FOLH1

Ensembl ID: ENSG00000086205

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as folate hydrolase 1 [Source:HGNC Symbol;Acc:HGNC:3788] and involved in protein\_coding.

## Gene: FOLH1

Ensembl ID: ENSG00000086205

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as folate hydrolase 1 [Source:HGNC Symbol;Acc:HGNC:3788] and involved in protein\_coding.

## Gene: FOLH1

Ensembl ID: ENSG00000086205

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as folate hydrolase 1 [Source:HGNC Symbol;Acc:HGNC:3788] and involved in protein\_coding.

## Gene: OR4C13

Ensembl ID: ENSG00000258817

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily C member 13 [Source:HGNC Symbol;Acc:HGNC:15169] and involved in protein\_coding.

## Gene: OR4C12

Ensembl ID: ENSG00000221954

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily C member 12 [Source:HGNC Symbol;Acc:HGNC:15168] and involved in protein\_coding.

## Gene: OR4C46

Ensembl ID: ENSG00000185926

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily C member 46 [Source:HGNC Symbol;Acc:HGNC:31271] and involved in protein\_coding.

## Gene: OR4C46

Ensembl ID: ENSG00000185926

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily C member 46 [Source:HGNC Symbol;Acc:HGNC:31271] and involved in protein\_coding.

## Gene: OR4A16

Ensembl ID: ENSG00000181961

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily A member 16 [Source:HGNC Symbol;Acc:HGNC:15153] and involved in protein\_coding.

## Gene: OR4A15

Ensembl ID: ENSG00000181958

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily A member 15 [Source:HGNC Symbol;Acc:HGNC:15152] and involved in protein\_coding.

## Gene: OR4C15

Ensembl ID: ENSG00000181939

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily C member 15 [Source:HGNC Symbol;Acc:HGNC:15171] and involved in protein\_coding.

## Gene: OR4C6

Ensembl ID: ENSG00000181903

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 4 subfamily C member 6 [Source:HGNC Symbol;Acc:HGNC:14743] and involved in protein\_coding.

## Gene: OR5D14

Ensembl ID: ENSG00000186113

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily D member 14 [Source:HGNC Symbol;Acc:HGNC:15281] and involved in protein\_coding.

## Gene: OR5D18

Ensembl ID: ENSG00000186119

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily D member 18 [Source:HGNC Symbol;Acc:HGNC:15285] and involved in protein\_coding.

## Gene: OR5D18

Ensembl ID: ENSG00000186119

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily D member 18 [Source:HGNC Symbol;Acc:HGNC:15285] and involved in protein\_coding.

## Gene: OR5D18

Ensembl ID: ENSG00000186119

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily D member 18 [Source:HGNC Symbol;Acc:HGNC:15285] and involved in protein\_coding.

## Gene: OR5D16

Ensembl ID: ENSG00000205029

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily D member 16 [Source:HGNC Symbol;Acc:HGNC:15283] and involved in protein\_coding.

## Gene: OR5D16

Ensembl ID: ENSG00000205029

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily D member 16 [Source:HGNC Symbol;Acc:HGNC:15283] and involved in protein\_coding.

## Gene: OR5W2

Ensembl ID: ENSG00000187612

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily W member 2 [Source:HGNC Symbol;Acc:HGNC:15299] and involved in protein\_coding.

## Gene: OR5F1

Ensembl ID: ENSG00000149133

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily F member 1 [Source:HGNC Symbol;Acc:HGNC:8343] and involved in protein\_coding.

## Gene: OR5F1

Ensembl ID: ENSG00000149133

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily F member 1 [Source:HGNC Symbol;Acc:HGNC:8343] and involved in protein\_coding.

## Gene: OR5AS1

Ensembl ID: ENSG00000181785

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 5 subfamily AS member 1 [Source:HGNC Symbol;Acc:HGNC:15261] and involved in protein\_coding.

## Gene: OR8I2

Ensembl ID: ENSG00000172154

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 8 subfamily I member 2 [Source:HGNC Symbol;Acc:HGNC:15310] and involved in protein\_coding.

## Gene: OR8H2

Ensembl ID: ENSG00000181767

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as olfactory receptor family 8 subfamily H member 2 [Source:HGNC Symbol;Acc:HGNC:15308] and involved in protein\_coding.

## Gene: FN1

Ensembl ID: ENSG00000115414

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as fibronectin 1 [Source:HGNC Symbol;Acc:HGNC:3778] and involved in protein\_coding.

## Gene: FN1

Ensembl ID: ENSG00000115414

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as fibronectin 1 [Source:HGNC Symbol;Acc:HGNC:3778] and involved in protein\_coding.

## Gene: FN1

Ensembl ID: ENSG00000115414

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as fibronectin 1 [Source:HGNC Symbol;Acc:HGNC:3778] and involved in protein\_coding.

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## Gene: PECR

Ensembl ID: ENSG00000115425

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as peroxisomal trans-2-enoyl-CoA reductase [Source:HGNC Symbol;Acc:HGNC:18281] and involved in protein\_coding.

## Gene: MARCH4

Ensembl ID: ENSG00000144583

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as membrane associated ring-CH-type finger 4 [Source:HGNC Symbol;Acc:HGNC:29269] and involved in protein\_coding.

## Gene: IGFBP2

Ensembl ID: ENSG00000115457

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as insulin like growth factor binding protein 2 [Source:HGNC Symbol;Acc:HGNC:5471] and involved in protein\_coding.

## Gene: IGFBP5

Ensembl ID: ENSG00000115461

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as insulin like growth factor binding protein 5 [Source:HGNC Symbol;Acc:HGNC:5474] and involved in protein\_coding.

## Gene: TNS1

Ensembl ID: ENSG00000079308

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as tensin 1 [Source:HGNC Symbol;Acc:HGNC:11973] and involved in protein\_coding.

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## Gene: CXCR2

Ensembl ID: ENSG00000180871

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as C-X-C motif chemokine receptor 2 [Source:HGNC Symbol;Acc:HGNC:6027] and involved in protein\_coding.

## Gene: ARPC2

Ensembl ID: ENSG00000163466

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as actin related protein 2/3 complex subunit 2 [Source:HGNC Symbol;Acc:HGNC:705] and involved in protein\_coding.

## Gene: AAMP

Ensembl ID: ENSG00000127837

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as angio associated migratory cell protein [Source:HGNC Symbol;Acc:HGNC:18] and involved in protein\_coding.

## Gene: TMBIM1

Ensembl ID: ENSG00000135926

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as transmembrane BAX inhibitor motif containing 1 [Source:HGNC Symbol;Acc:HGNC:23410] and involved in protein\_coding.

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## Gene: SLC11A1

Ensembl ID: ENSG00000018280

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as solute carrier family 11 member 1 [Source:HGNC Symbol;Acc:HGNC:10907] and involved in protein\_coding.

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## Gene: CTDSP1

Ensembl ID: ENSG00000144579

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as CTD small phosphatase 1 [Source:HGNC Symbol;Acc:HGNC:21614] and involved in protein\_coding.

## Gene: USP37

Ensembl ID: ENSG00000135913

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as ubiquitin specific peptidase 37 [Source:HGNC Symbol;Acc:HGNC:20063] and involved in protein\_coding.

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It is known as ubiquitin specific peptidase 37 [Source:HGNC Symbol;Acc:HGNC:20063] and involved in protein\_coding.

## Gene: ZNF142

Ensembl ID: ENSG00000115568

This gene is from homo\_sapiens species and GRCh38 assembly.

It is known as zinc finger protein 142 [Source:HGNC Symbol;Acc:HGNC:12927] and involved in protein\_coding.

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