Final Project 1.3 (Pipeline)

Blue = Present in dbSNP

Orange = Unique (not in dbSNP)

|  |  |  |  |
| --- | --- | --- | --- |
|  | PolyPhen2 | PROVEAN | SIFT |
| Benign | 2669 | 3104 | 2851 |
| Possibly Damaging | 293 | 0 | 0 |
| Damaging | 344 | 420 | 658 |
| Undetermined | 0 | 6 | 21 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | PolyPhen2 | PROVEAN | SIFT |
| Single Amino Acid Change | 3281 | 3514 | 3514 |
| Synonymous | 15 | 10 | 10 |
| Nonsense | 10 | 6 | 6 |

Blue = Benign

Orange = Possibly Damaging

Gray = Damaging

Yellow = Undetermined