

## Prediction Result

Prediction: Predicted Mutation for sequence input: GAAATATTGCTTGACATCGGGTAGCACTCCTGTTTG

ID: 899

Sequence: CCCGTTGATCACACCCAAGCCATCTCCTCGTCCAGGGCATTCAATCTGGCACAACCTCGGG

Length: 199

GC\_Content: 57.29

Mutation\_Type: Substitution

Gene: Gene\_878

Ancestral\_Region: America

Likelihood\_of\_Mutation: 0.5

Genetic\_Condition: Cystic Fibrosis

Protein\_Synthesis\_Effect: Yes

Genealogy\_Markers: Z961V4QV

Inheritance\_Type: Mitochondrial

Phenotypic\_Expression: Normal

Pathogenic\_Score: 9.41

Ethnic\_Association: America

Evolutionary\_Clade: Reptile

Epigenetic\_Modifications: Acetylation