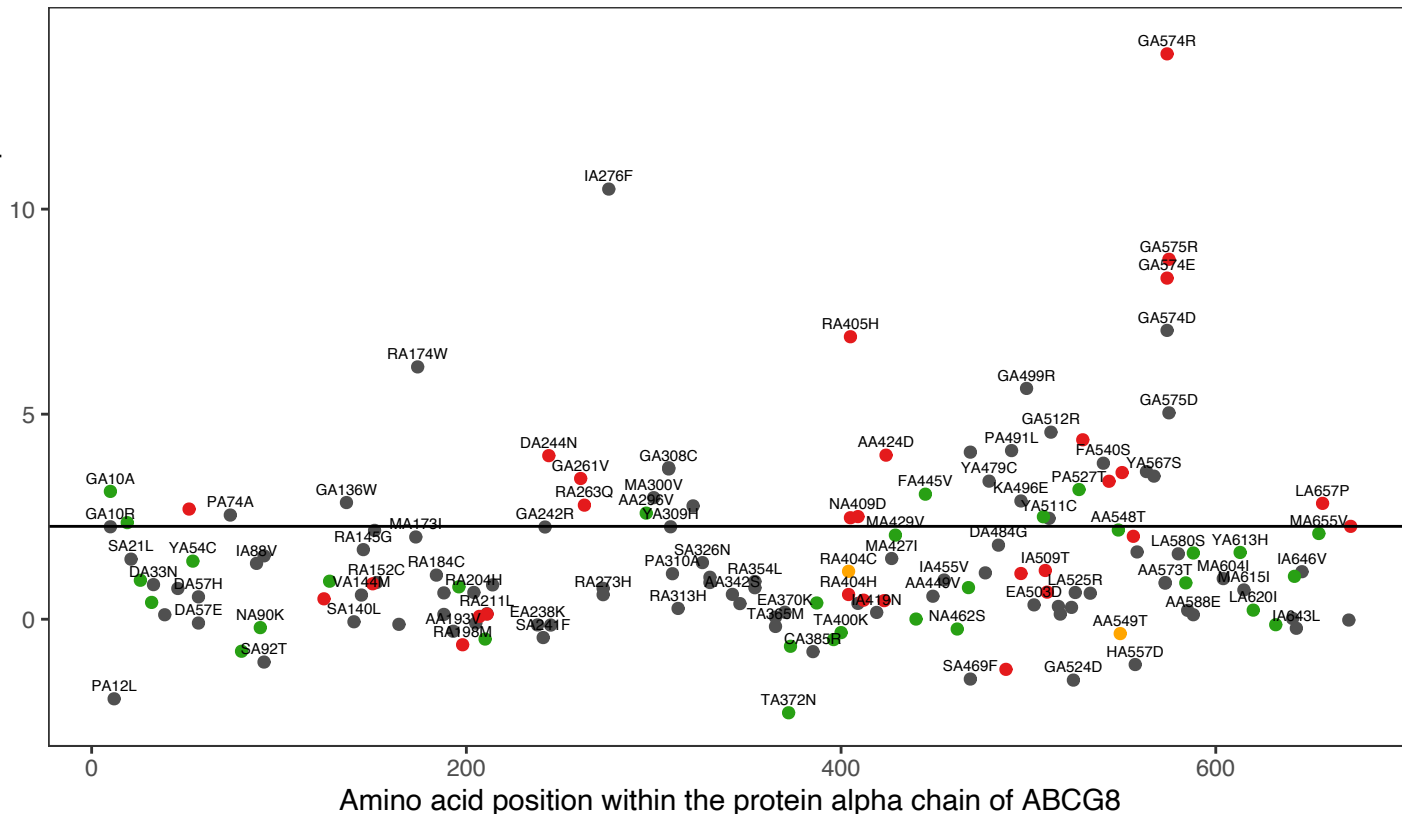


Protein folding results for VKGL missense variants in the ABCG8 gene

Based on VKGL public consensus release April 2023, FoldX 5.0, and AlphaFold2 human proteome v4

At a $\Delta\Delta G$ threshold of 2.26 the PPV is 73%, the sensitivity is 55%, the NPV is 66% and the specificity is 81%

Difference in Gibbs free energy change ($\Delta\Delta G$)
between GRCh37 reference and variant protein



VKGL
classification

Conflicting

LB/B

LP/P

VUS