Protein folding results for VKGL missense variants in the ATP7B gene Based on VKGL public consensus release April 2023, FoldX 5.0, and AlphaFold2 human proteome v4 At a  $\Delta\Delta G$  threshold of 1.76 the PPV is 90%, the sensitivity is 51%, the NPV is 62% and the specificity is 94% GA1266R and variant protein change energy **VKGL** classification VA1262F reference LB/B Difference in Gibbs free between GRCh37 refere LP/P 10 . VUS GA1061E LA1373R TA1085P GA1341S CA983R TA974F VA374G 500 1,000 1,500 Amino acid position within the protein alpha chain of ATP7B