

# SHAP decision plot for LA105P in gene TSC2 (P49815), GRCh38 16:2053430T>C, VKGL April 2024: VUS

SHAP values do not correlate with feature values, but instead capture feature contributions based on the interactions among all features uniquely for this prediction

Features affecting probability by >0%  
in descending order of impact

Total energy increased by 7.75034

Global model base probability

DNA binding affinity pKd increased by 0.0098

RNA binding affinity pKd increased by 0.1421

Ligand binding pockets increased by 1

Hydrophobicity decreased by -0.002988

Net electric charge at pH 7 is unchanged

Isoelectric point is unchanged

Ligand binding top SAS points is unchanged

Hydrophobic moment is unchanged

RNA binding site binarized per residue is unchanged

Protein binding site binarized per residue increased by 3

DNA binding site binarized per residue is unchanged

