

# Machine Learning Prediction Report

## Glioma IDH Classification

Patient ID:	UCSF-PDGM-0535	Patient Age:	19.0
Report Date:	2025-11-13 16:15:01	Model Used:	GradientBoosting

## Final Prediction: IDH-mutant

### Clinical Interpretation

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### Prediction Explanation (SHAP Analysis)

The following plot shows the features that contributed most to the model's prediction for this patient. Features pushing the prediction higher (towards IDH-wildtype) are in red, and those pushing it lower (towards IDH-mutant) are in blue.

