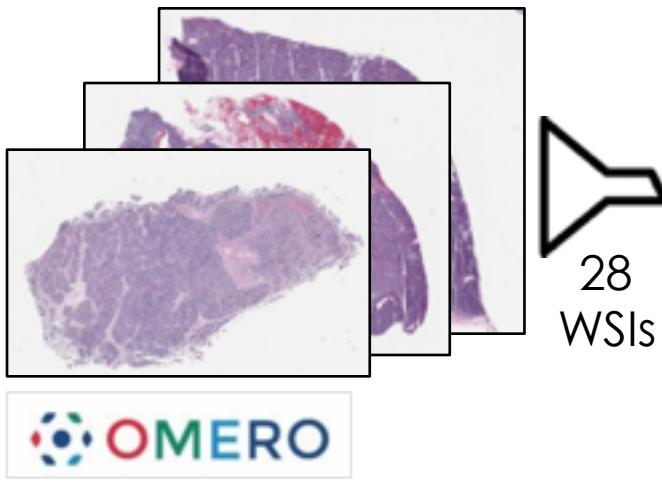
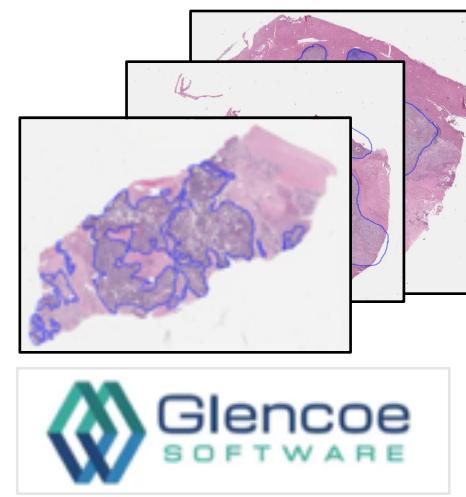


Stage 1: Tumor/Non-Tumor Region Annotation

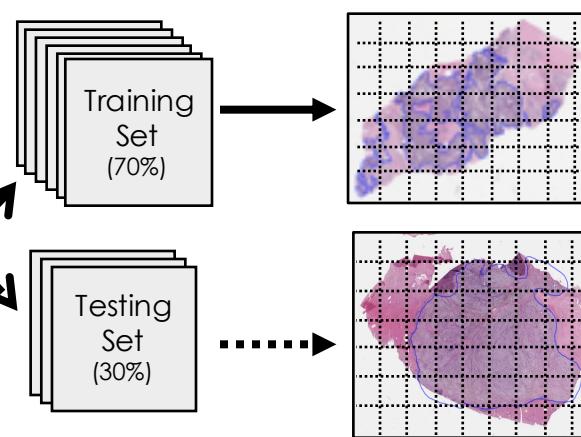
1. Download whole slide images from OMERO database



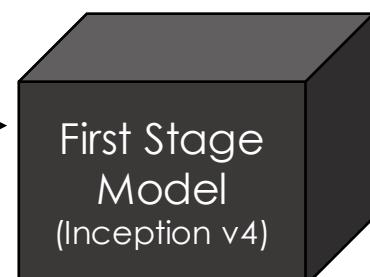
2. Pathological annotation of tumor regions



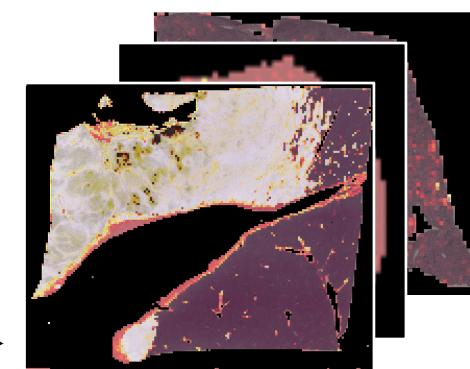
3. Split into training and test sets, tile, and remove background



4. Per-tile training of first-stage model



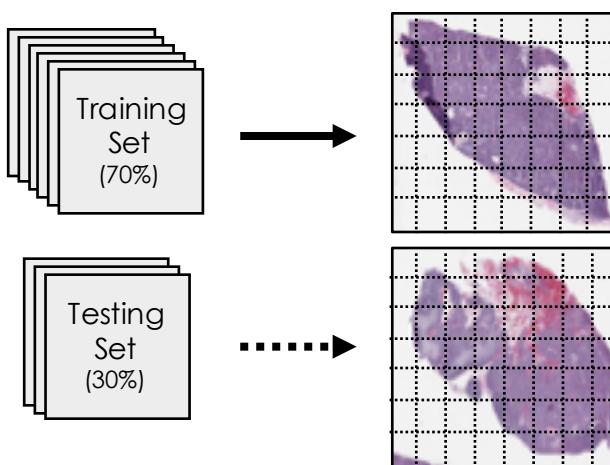
5. Per-tile testing and whole slide aggregation



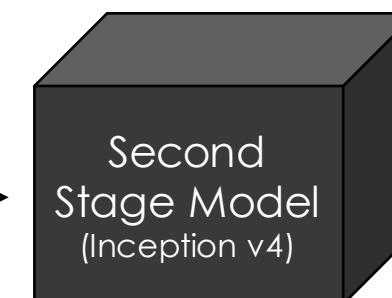
Stage 2: Metastatic Origin Prediction

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6. Split all images into training and test sets, tile, and remove background



7. Per-tile training of second-stage model on tumor tiles



8. Per-tile testing and whole slide aggregated prediction

