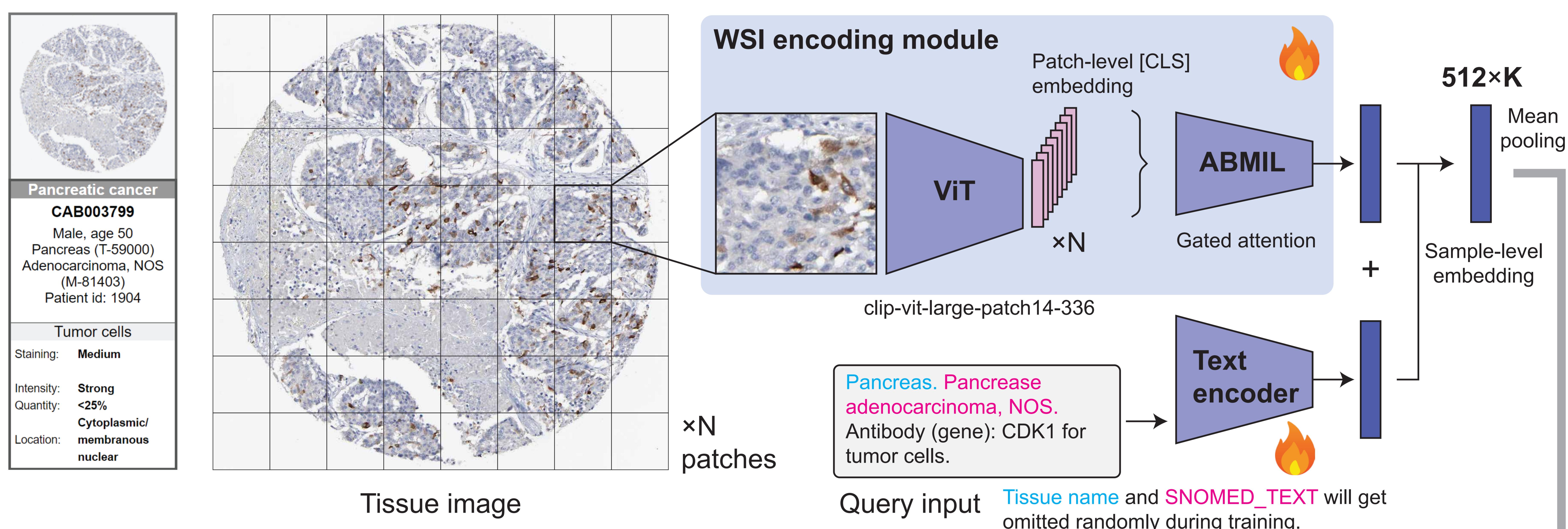


d

Multiple instance multi-task learning



e

Multi-task learning

Primary staining tasks

Auxiliary tasks

Staining location (4 options)

- 0 None
 - 1 Cytoplasmic/membranous
 - 2 Nuclear
 - 3 **Cytoplasmic/membranous & nuclear**

Staining intensity (4 options)

- 0 Negative
1 Weak
2 Moderate
3 Strong

Staining quantity (4 options)

- 0 None

1 <25%

2 25% – 75%

3 >75%

Tissue name (58 options)

Pancreas

Malignancy (2 options)

- A scatter plot with two data points. The first point is at y=0 and is labeled "Normal". The second point is at y=1 and is labeled "Cancer".

Value	Category
0	Normal
1	Cancer