This research work is focused on detecting low-grade glioma tumorous cells in MRI images. Glioma is a common brain tumor, that exhibits properties of benign tumors[?]. We used the TCGA-LGG Segmentation dataset[?] for our research. It consists of 3929 brain tumor images and corresponding FLAIR abnormality segmentation masks obtained from 110 patients.

TABLE I

MODELS USED FOR U-NET ENCODER AND TRAINABLE BLOCKS/STAGES FOR FINETUNING

X c ¿X height**Family**
Models
Trainable Blocks

Family	Models	Trainable Blocks
EfficientNet	EfficientNetB0 to B7	Block 30 to 32
DenseNet	DenseNet169, DenseNet201	Block 7
ResNet	ResNet18, ResNet50, ResNet101	Stage 4

c

REFERENCES