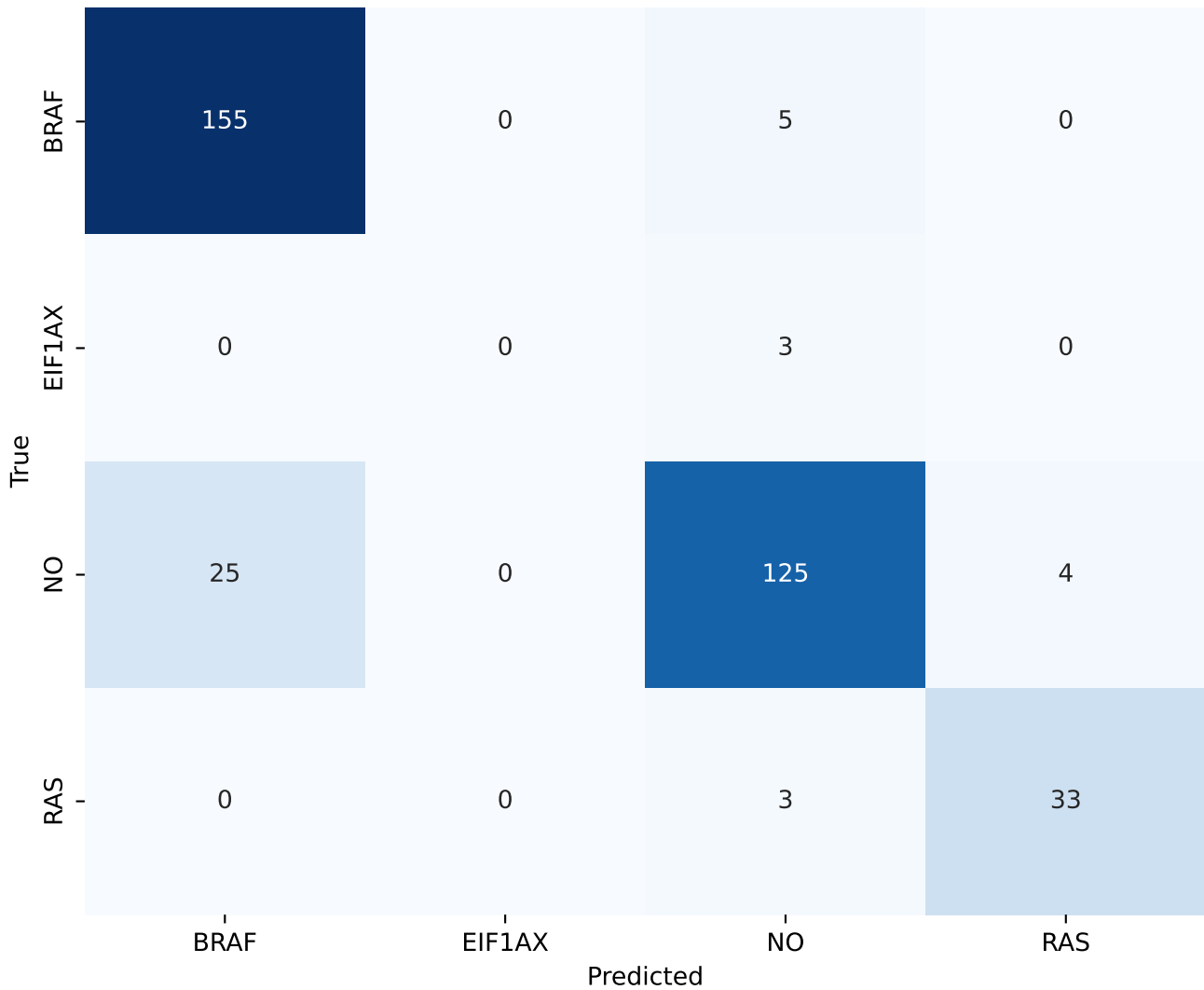


Confusion Matrix – TRAIN (mutation)



# Train evaluation – mutation

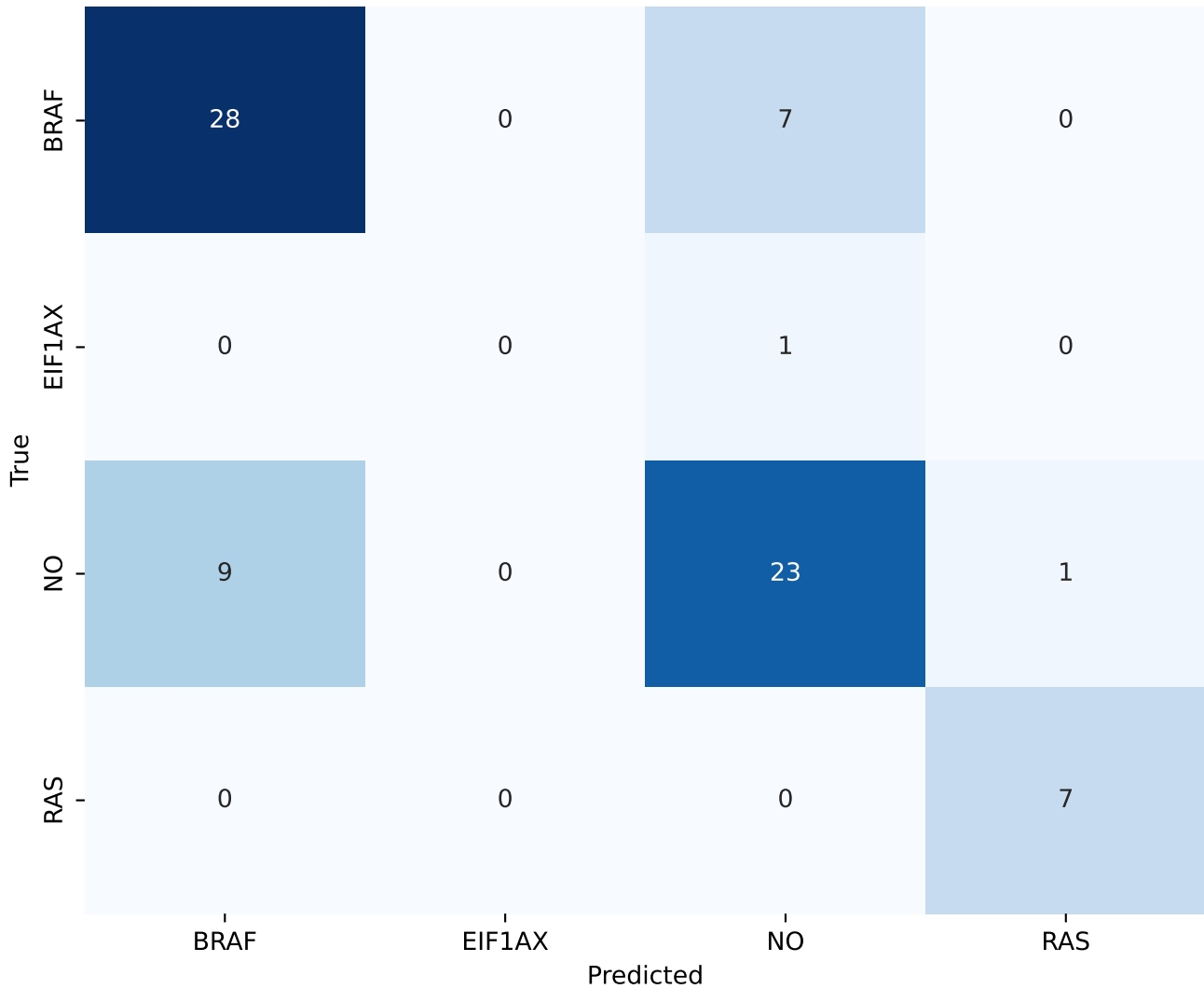
## TRAIN SET

Accuracy: 0.887  
Precision (macro): 0.668  
Recall (macro): 0.674  
F1-score (macro): 0.669

## Classification report:

|              | precision | recall | f1-score | support |
|--------------|-----------|--------|----------|---------|
| BRAF         | 0.86      | 0.97   | 0.91     | 160     |
| EIF1AX       | 0.00      | 0.00   | 0.00     | 3       |
| NO           | 0.92      | 0.81   | 0.86     | 154     |
| RAS          | 0.89      | 0.92   | 0.90     | 36      |
| accuracy     |           |        | 0.89     | 353     |
| macro avg    | 0.67      | 0.67   | 0.67     | 353     |
| weighted avg | 0.88      | 0.89   | 0.88     | 353     |

Confusion Matrix - TEST (mutation)



# Test evaluation – mutation

## TEST SET

Accuracy: 0.763  
Precision (macro): 0.593  
Recall (macro): 0.624  
F1-score (macro): 0.607

## Classification report:

|              | precision | recall | f1-score | support |
|--------------|-----------|--------|----------|---------|
| BRAF         | 0.76      | 0.80   | 0.78     | 35      |
| EIF1AX       | 0.00      | 0.00   | 0.00     | 1       |
| NO           | 0.74      | 0.70   | 0.72     | 33      |
| RAS          | 0.88      | 1.00   | 0.93     | 7       |
| accuracy     |           |        | 0.76     | 76      |
| macro avg    | 0.59      | 0.62   | 0.61     | 76      |
| weighted avg | 0.75      | 0.76   | 0.76     | 76      |

Training vs Validation loss - mutation

