```
+----------+---------+---------------------+---------------------+
| Metric   | Clean   | No Defense Attack   | w/ Defense Attack   |
+==========+=========+=====================+=====================+
| Loss     | 0.00546 | 4.1                 | 0.00546             |
+----------+---------+---------------------+---------------------+
| Accuracy | 100%    | 17%                 | 100%                |
+----------+---------+---------------------+---------------------+
```

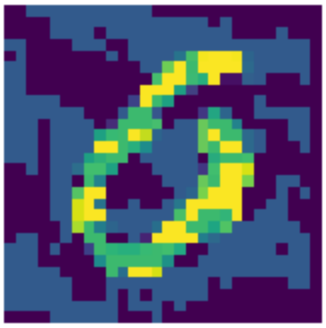
```
Example Misclassifications:

------------------------------------------------------------
No misclassified images for stage: Clean
Attack: fgsm_pgd_attack
Dataset: MNIST
Training Epochs: 10
Trained Clean Images: 64
Test Images: 140
Accuracy: 1.00
Precision: 1.00
Recall: 1.00
F1-score: 1.00
ROC AUC score is not defined for a single class.
------------------------------------------------------------


------------------------------------------------------------
Number of misclassified images for No Defense Attack: 53
Attack: fgsm_pgd_attack
Dataset: MNIST
Training Epochs: 10
Adversarial Training Images: 60
Test Images: 140
Accuracy: 0.17
Precision: 0.31
Recall: 0.28
F1-score: 0.29
ROC AUC Score: 1.00
------------------------------------------------------------

Misclassifications:
0 -> 6: 31
0 -> 7: 4
0 -> 5: 5
0 -> 8: 3
0 -> 2: 6
0 -> 3: 2
0 -> 1: 1
0 -> 4: 1
```

0 -> 6



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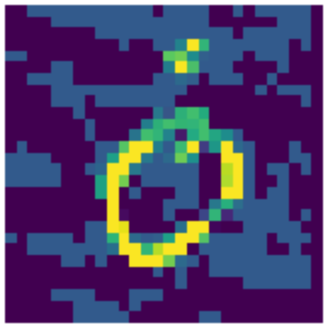

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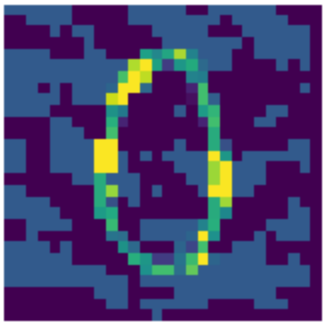

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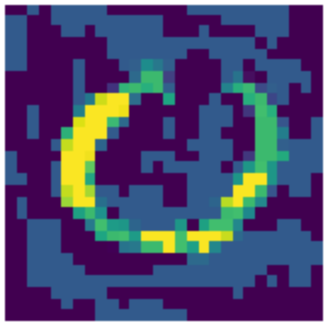

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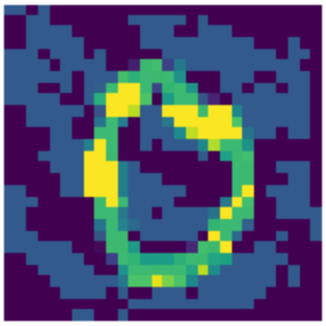

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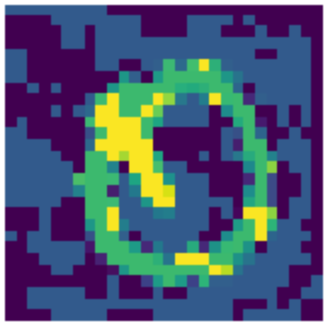

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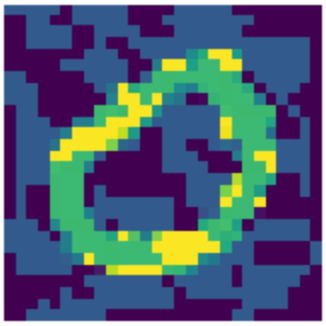

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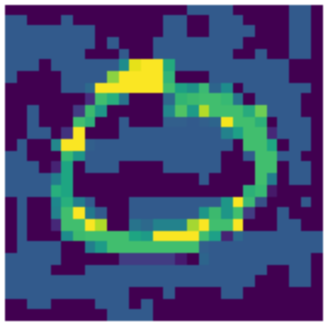

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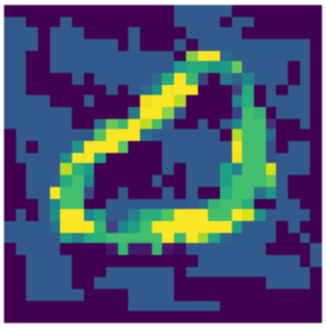

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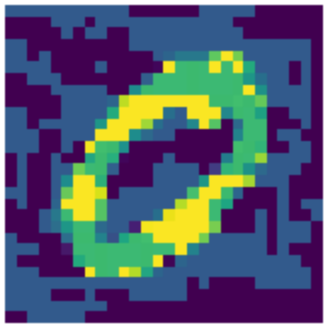

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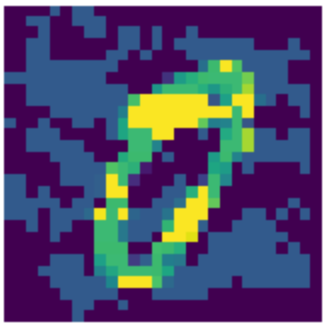

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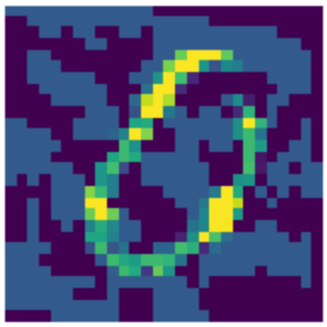

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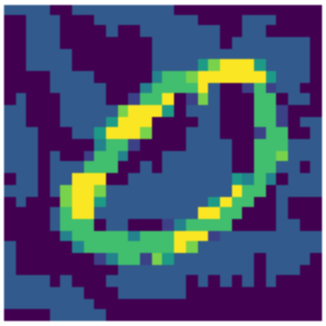

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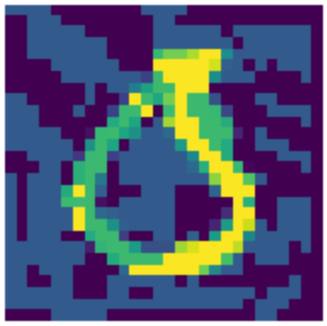

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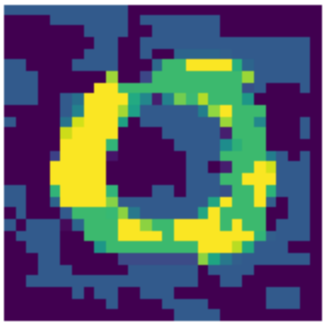

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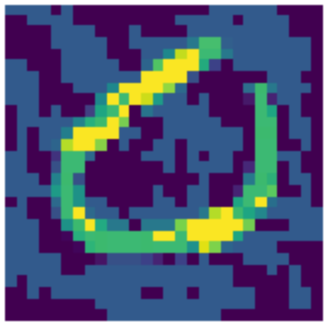

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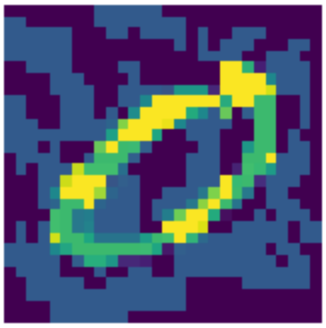

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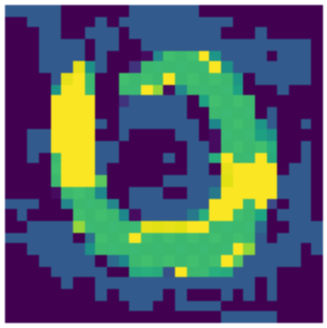

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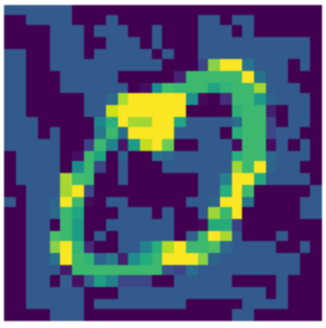

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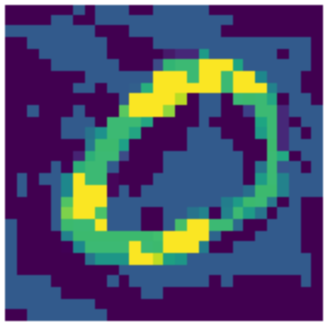

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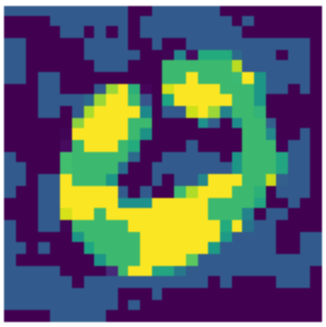

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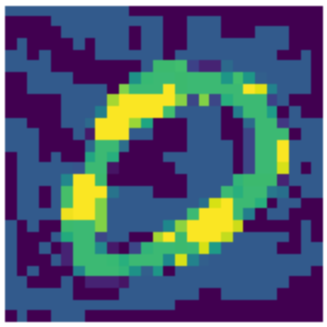

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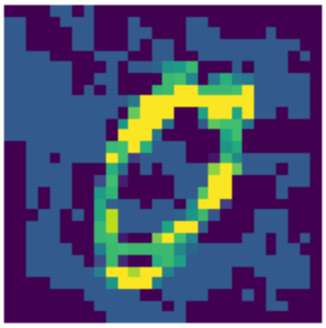

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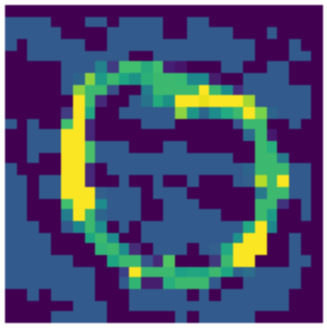

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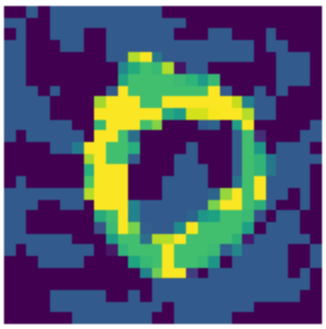

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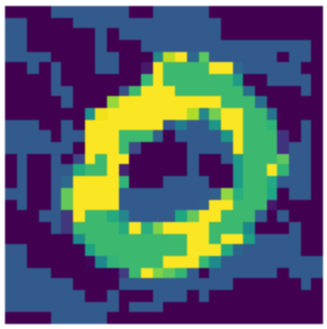

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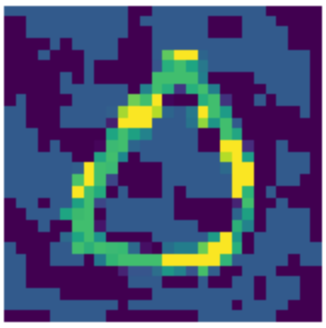

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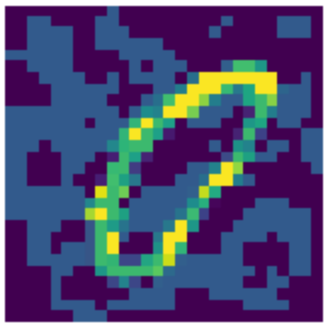

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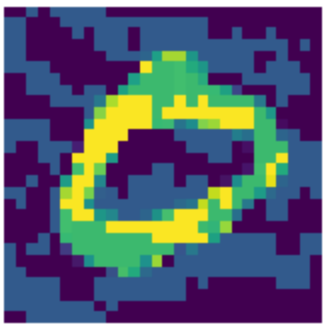

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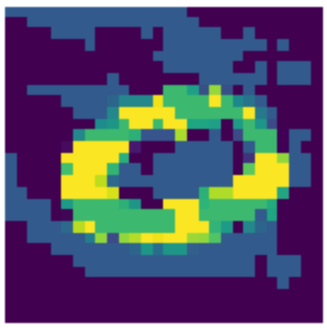

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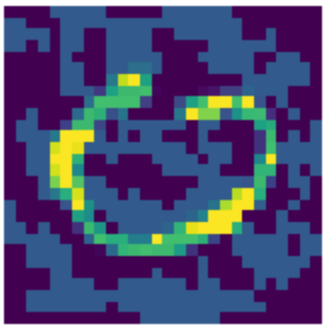

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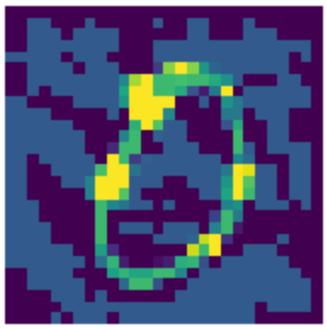

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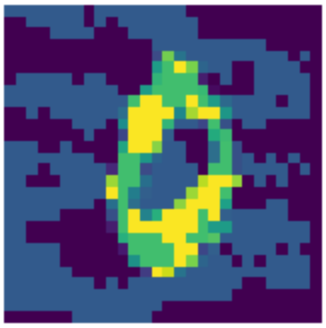

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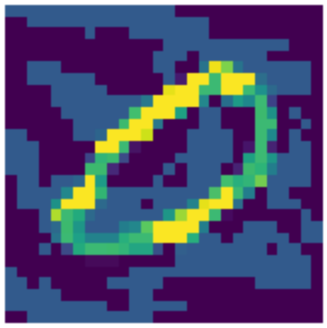

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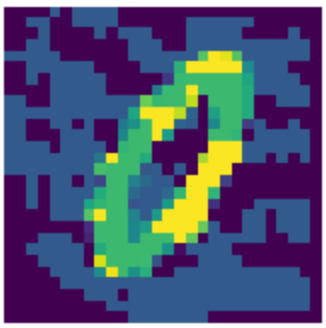

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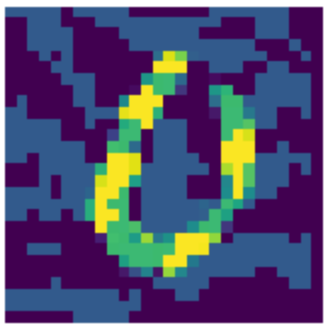

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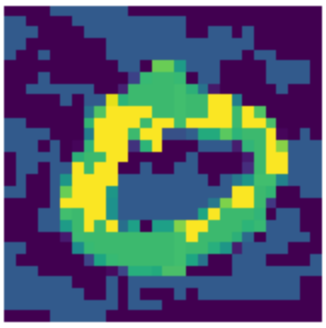

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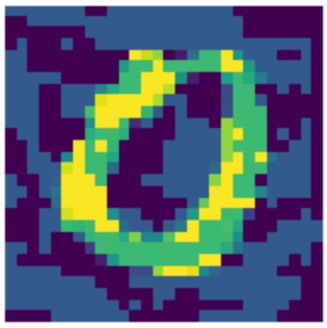

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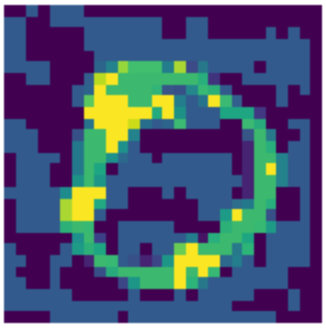

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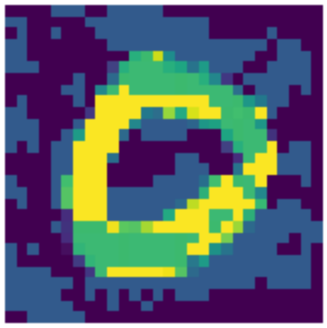

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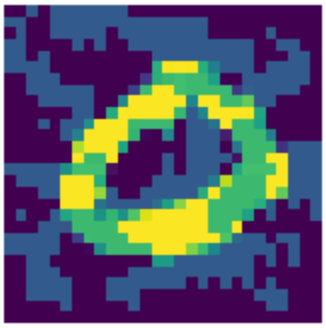

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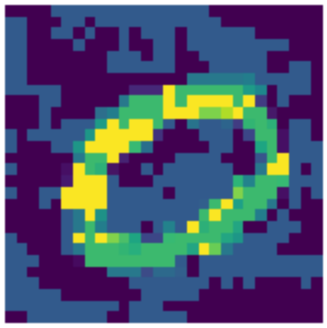

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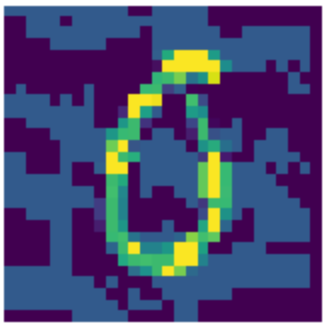

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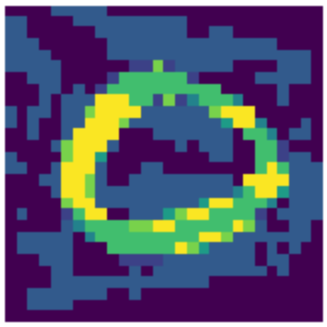

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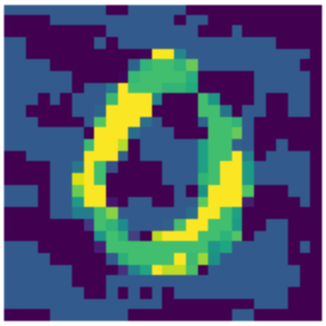

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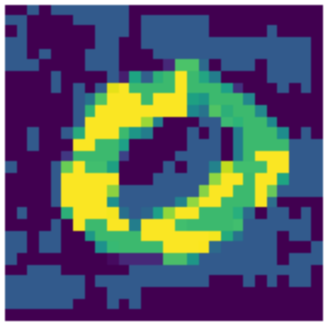

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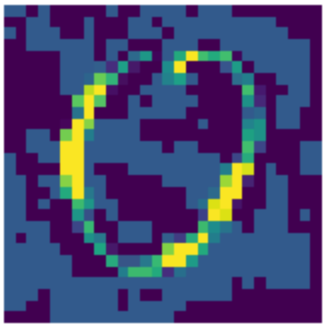

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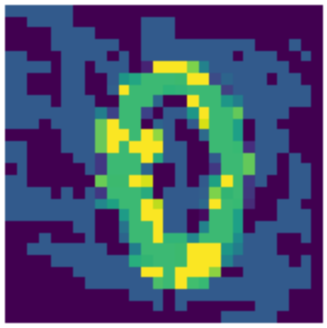

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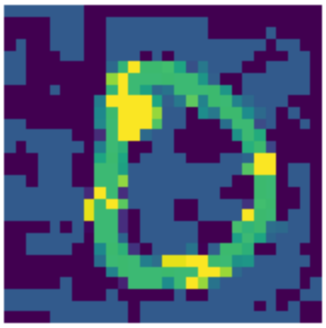

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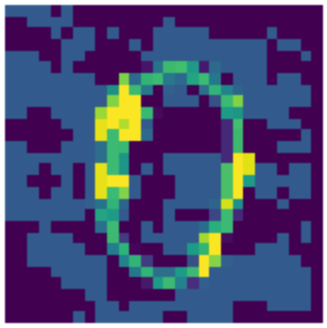

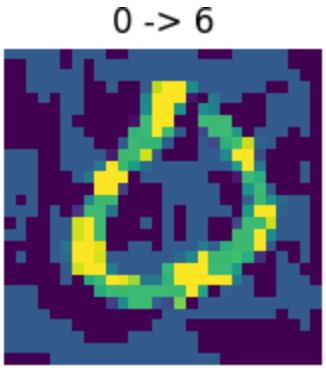

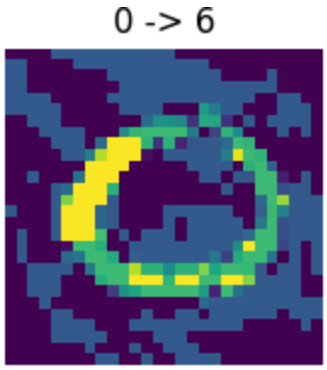

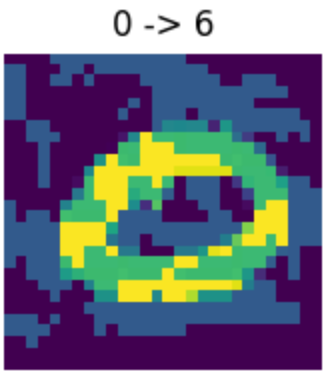


```
------------------------------------------------------------
No misclassified images for stage: w/ Defense Attack
Attack: fgsm_pgd_attack
Dataset: MNIST
Training Epochs: 10
Retrained Clean and Adversarial Images: 124
Test Images: 140
Accuracy: 1.00
Precision: 1.00
Recall: 1.00
F1-score: 1.00
ROC AUC score is not defined for a single class.
------------------------------------------------------------
```