

**bold**

Substitutions

Insertions

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Deletions

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Predicted cleavage position

|   |   |   |   |   |   |   |   |          |   |          |          |   |   |   |          |          |   |   |   |   |          |          |   |   |   |   |   |          |   |   |   |   |          |          |   |   |          |   |   |                     |
|---|---|---|---|---|---|---|---|----------|---|----------|----------|---|---|---|----------|----------|---|---|---|---|----------|----------|---|---|---|---|---|----------|---|---|---|---|----------|----------|---|---|----------|---|---|---------------------|
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -Reference          |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -92.29% (730 reads) |
| C | T | C | A | A | C | T | A | T        | G | G        | <b>C</b> | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -0.63% (5 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | <b>G</b> | A | T | A | T | A        | G        | T | G | T        | G | C | -0.51% (4 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | <b>G</b> | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -0.51% (4 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | <b>C</b> | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -0.38% (3 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | <b>G</b> | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -0.38% (3 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | <b>C</b> | G | C | -0.25% (2 reads)    |
| C | T | C | A | A | C | T | A | <b>C</b> | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -0.25% (2 reads)    |
| C | T | C | A | A | C | T | A | T        | G | <b>A</b> | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -0.25% (2 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | <b>G</b> | G        | T | G | T        | G | C | -0.25% (2 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | G        | A        | A | G | G | G | G | A        | A | T | A | T | A        | <b>A</b> | T | G | T        | G | C | -0.25% (2 reads)    |
| C | T | C | A | A | C | T | A | T        | G | G        | T        | G | A | C | T        | A        | C | T | A | G | <b>A</b> | A        | A | G | G | G | G | A        | A | T | A | T | A        | G        | T | G | T        | G | C | -0.25% (2 reads)    |