

Results of Analysis

RUN OVERVIEW for run titled: "PRDX6Example"

Date and Time of run: 2024-09-08 10:58:14

Number of non excluded siRNAs found: 40

How many of top siRNAs overviewed here: 20

SEQUENCE INFORMATION

mRNA Sequence:

5' - gcgaggcagccagcgagggagagagcgagcgggagccggagcgaggaagggaaagcgcaagag
agagcgcacacgcacacacccgccgcgcacucgcgcccggacccgcacggggacagcucggaa
gucaucaguuccaugggagagcugcugcugggcagagucugcugcuaguccucgucuccuc
gcugcugguaugcucgggacuggcgugcggaccgggcaggggguucgggaagaggaggcacccca
aaaagcugaccccuuagccuacaagcaguuuauccccaauuguggccgagaagaccuaggcgcc
agcggaagguaugaagggaagaucuccagaaacuccgagcgauuuuaggaacucacccccaaaua
caaccccgacaucauauuuuaggaugaagaaaacaccggagcggacaggcugaugacucagaggu
guaaggacaaguugaacgcuuuggccaucucggugaugaaccaguggccaggagugaaacucgcg
gugaccgagggcugggacgaagauggccaccacucagaggagucucugcacuacgagggccgcgc
aguggacaucaccacgucugaccgcgaccgcagcaaguacggcaugcuggcccgccuggcggu
aggccggcuucgacuggguguacuacgaguccaaggcacauauccacugcucggugaaagcagag
aacucgguggcgggccaaaucgggaggcugcuuccgggucggccacggugcaccuggagcaggg
cggcaccaagcuggugaaggaccugagccccggggaccgcgucgugcgggcgacgaccagggcc

ggcugcucuacagcgacuuccucacuuuccuggaccgcgacgacggcgccaagaaggucuucuaac
gugaucgagacgcgggagccgcgagcgccugcugcucaccgccgcgaccugcucuuguggc
gccgcacaacgacucggccaccgggagcccaggcguccucgggucggggccgcuuccgggg
gcgcacugggggccucgggcgcuucgccagccgugcgccccgggagcgugugacguggug
gccgagcgugacggggaccgccggcuccugcccgccgugugcacagcgugacccuaagcgagga
ggccgcgggcgccuacgcgccgcucacggcccagggcaccauucucaucaaccgggugcuggccu
cgugcuacgcggucaucgaggagcacagcugggcgacccgggcuucgccccuuccgccuggcg
cacgcgcuccuggcugcacuggcgcccgcgcgcacggaccgcgcggggacagcgggcgggga
ccgcggggggcgggcgggcagaguagcccuaaccgcuccaggugcugccgacgcuccgggugcgg
gggccaccgcgggcauccacugguacucgcagcugcucuaccaaauaggcaccuggcuccuggac
agcgaggcccugcacccgcugggcauggcggucaaguccagcugaagccggggggccgggggagg
ggcgcgggaggggggcc- 3'

Basic Run Settings Overview

Sequence Input Method: Text File

Input Type: cDNA

Min Length of siRNAs Generated: 19

Max Length of siRNAs Generated: 23

Run conducted with Default Parameters? No

Save Settings for future use: Yes

Output File Name: PRDX6Example

Overview of Parameters causing siRNA exclusion

Is the siRNA Unfolded in solution? If the answer was False, it was excluded.

Does the siRNA have U OR A in first position? If the answer was False, it was excluded.

Does the siRNA have a G or C in the last position? If the answer was False, it was excluded.

Is GC content within accepted Range? If the answer was False, it was excluded.

Is the Antisense strand preferably Loaded? If the answer was False, it was excluded.

Is the siRNA targeting a region within accepted area of mRNA? If the answer was False, it was excluded.

Does the 9th-14th position contain less than 50 percent G and C? If the answer was False, it was excluded.

Does the siRNA have a cytotoxic motif? If the answer was True, it was excluded.

Does the siRNA have a Immune Motif? If the answer was True, it was excluded.

Does RNA have nine G or C in a row? If the answer was True, it was excluded.

Scoring Parameters

Does the siRNA have U in first position? Desired Answer: True, Score if fulfilled: 163

Is the mRNA region mostly unpaired? Desired Answer: True, Score if fulfilled: 100

Is the 5' region of the siRNA targeting an unpaired mRNA region? Desired Answer: True, Score if fulfilled: 50

Is the 3' region of the siRNA targeting an unpaired mRNA region? Desired Answer: True, Score if fulfilled: 50

Does the siRNA have an A in 10th position? Desired Answer: True, Score if fulfilled: 30

Does the siRNA have a U in the 16th position? Desired Answer: True, Score if fulfilled: 30

Does the siRNA have a GGG sequence? Desired Answer: False, Score if fulfilled: 152

Does the siRNA have a CCC sequence? Desired Answer: False, Score if fulfilled: 174

Does the siRNA have a U in the 7th position? Desired Answer: False, Score if fulfilled: 30

Sequence Options Overview

How far from Start Codon to Search: 75 bases

How near to Stop Codon to Search: 50 bases

Organisms for Off-Target Considerations: None

REPORT for siRNA with sequence: 5'-uccuuaaaauaugaugucgg- 3'

RNA length: 19

RNA start position on mRNA: 396

RNA end position on mRNA: 414

RNA score (out of 100): 87.16

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-uccuuaaaauaugaugucggg- 3'

RNA length: 20

RNA start position on mRNA: 395

RNA end position on mRNA: 414

RNA score (out of 100): 67.65

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a GGG sequence? True, which is a negative, resulting in missing 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-uugaugagaauggugcccug- 3'

RNA length: 20

RNA start position on mRNA: 1202

RNA end position on mRNA: 1221

RNA score (out of 100): 67.39

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? True, which is a positive, resulting in + 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? True, which is a negative, resulting in missing 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-uugaugagaauggugcccugg- 3'

RNA length: 21

RNA start position on mRNA: 1201

RNA end position on mRNA: 1221

RNA score (out of 100): 67.39

_____Scoring Information_____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? True, which is a positive, resulting in + 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? True, which is a negative, resulting in missing 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-ucaacuuguccuuacaccuc- 3'

RNA length: 20

RNA start position on mRNA: 451

RNA end position on mRNA: 470

RNA score (out of 100): 66.62

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? False, which is a negative, resulting in missing 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-ucaacuuguccuuacaccucug- 3'

RNA length: 22

RNA start position on mRNA: 449

RNA end position on mRNA: 470

RNA score (out of 100): 66.62

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? False, which is a negative, resulting in missing 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

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Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-ugucgggguuguaauuggg- 3'

RNA length: 19

RNA start position on mRNA: 383

RNA end position on mRNA: 401

RNA score (out of 100): 63.8

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a U in the 16th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a GGG sequence? True, which is a negative, resulting in missing 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-ugucgggguuguaauugggg- 3'

RNA length: 20

RNA start position on mRNA: 382

RNA end position on mRNA: 401

RNA score (out of 100): 63.8

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

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Does the siRNA have a U in the 16th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a GGG sequence? True, which is a negative, resulting in missing 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-ugucgggguuguaauugggg- 3'

RNA length: 21

RNA start position on mRNA: 381

RNA end position on mRNA: 401

RNA score (out of 100): 63.8

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

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Does the siRNA have a GGG sequence? True, which is a negative, resulting in missing 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-ugucgggguuguaauugggggug- 3'

RNA length: 23

RNA start position on mRNA: 379

RNA end position on mRNA: 401

RNA score (out of 100): 63.8

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

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Does the siRNA have a GGG sequence? True, which is a negative, resulting in missing 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-ucgggguuguaauugggg- 3'

RNA length: 19

RNA start position on mRNA: 381

RNA end position on mRNA: 399

RNA score (out of 100): 59.95

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? True, which is a negative, resulting in missing 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-auccuuaaauaugaugucg- 3'

RNA length: 19

RNA start position on mRNA: 397

RNA end position on mRNA: 415

RNA score (out of 100): 58.54

____Scoring Information____

Does the siRNA have U in first position? False, which is a negative, resulting in missing 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-auccuuaaaauaugaugucgg- 3'

RNA length: 20

RNA start position on mRNA: 396

RNA end position on mRNA: 415

RNA score (out of 100): 58.54

____Scoring Information____

Does the siRNA have U in first position? False, which is a negative, resulting in missing 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

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Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-uuggacucguaguacaccc- 3'

RNA length: 19

RNA start position on mRNA: 666

RNA end position on mRNA: 684

RNA score (out of 100): 57.12

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? True, which is a negative, resulting in missing 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-aguuccuuaaaucgcucgg- 3'

RNA length: 19

RNA start position on mRNA: 360

RNA end position on mRNA: 378

RNA score (out of 100): 53.4

____Scoring Information____

Does the siRNA have U in first position? False, which is a negative, resulting in missing 163 relative score

Is the mRNA region mostly unpaired? False, which is a negative, resulting in missing 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-aaagcguucaacuuguccuuac- 3'

RNA length: 22

RNA start position on mRNA: 456

RNA end position on mRNA: 477

RNA score (out of 100): 53.4

____Scoring Information____

Does the siRNA have U in first position? False, which is a negative, resulting in missing 163 relative score

Is the mRNA region mostly unpaired? False, which is a negative, resulting in missing 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-aagcguucaacuuguccuuacac- 3'

RNA length: 23

RNA start position on mRNA: 454

RNA end position on mRNA: 476

RNA score (out of 100): 49.55

____Scoring Information____

Does the siRNA have U in first position? False, which is a negative, resulting in missing 163 relative score

Is the mRNA region mostly unpaired? False, which is a negative, resulting in missing 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-uugaugagaauggugcccuggg- 3'

RNA length: 22

RNA start position on mRNA: 1200

RNA end position on mRNA: 1221

RNA score (out of 100): 47.88

____Scoring Information____

Does the siRNA have U in first position? True, which is a positive, resulting in + 163 relative score

Is the mRNA region mostly unpaired? True, which is a positive, resulting in + 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? True, which is a positive, resulting in + 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a U in the 16th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a GGG sequence? True, which is a negative, resulting in missing 152 relative score

Does the siRNA have a CCC sequence? True, which is a negative, resulting in missing 174 relative score

Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score

REPORT for siRNA with sequence: 5'-acuuguccuuacaccucug- 3'

RNA length: 19

RNA start position on mRNA: 449

RNA end position on mRNA: 467

RNA score (out of 100): 45.7

____Scoring Information____

Does the siRNA have U in first position? False, which is a negative, resulting in missing 163 relative score

Is the mRNA region mostly unpaired? False, which is a negative, resulting in missing 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Is the 3' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

Does the siRNA have an A in 10th position? False, which is a negative, resulting in missing 30 relative score

Does the siRNA have a U in the 16th position? True, which is a positive, resulting in + 30 relative score

Does the siRNA have a GGG sequence? False, which is a positive, resulting in + 152 relative score

Does the siRNA have a CCC sequence? False, which is a positive, resulting in + 174 relative score

Does the siRNA have a U in the 7th position? True, which is a negative, resulting in missing 30 relative score

REPORT for siRNA with sequence: 5'-aacuuguccuuacaccucug- 3'

RNA length: 20

RNA start position on mRNA: 449

RNA end position on mRNA: 468

RNA score (out of 100): 45.7

____Scoring Information____

Does the siRNA have U in first position? False, which is a negative, resulting in missing 163 relative score

Is the mRNA region mostly unpaired? False, which is a negative, resulting in missing 100 relative score

Is the 5' region of the siRNA targeting an unpaired mRNA region? False, which is a negative, resulting in missing 50 relative score

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Does the siRNA have an A in 10th position? False, which is a negative, resulting in missing 30 relative score

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Does the siRNA have a U in the 7th position? False, which is a positive, resulting in + 30 relative score
