

Additional file 8: T-plots of the targets of secondary siRNAs in different tissues. Densities of the 5' positions of degradome tags matching each target gene are shown as T-plots. The miRNA mediated degradome tag is highlighted in red.

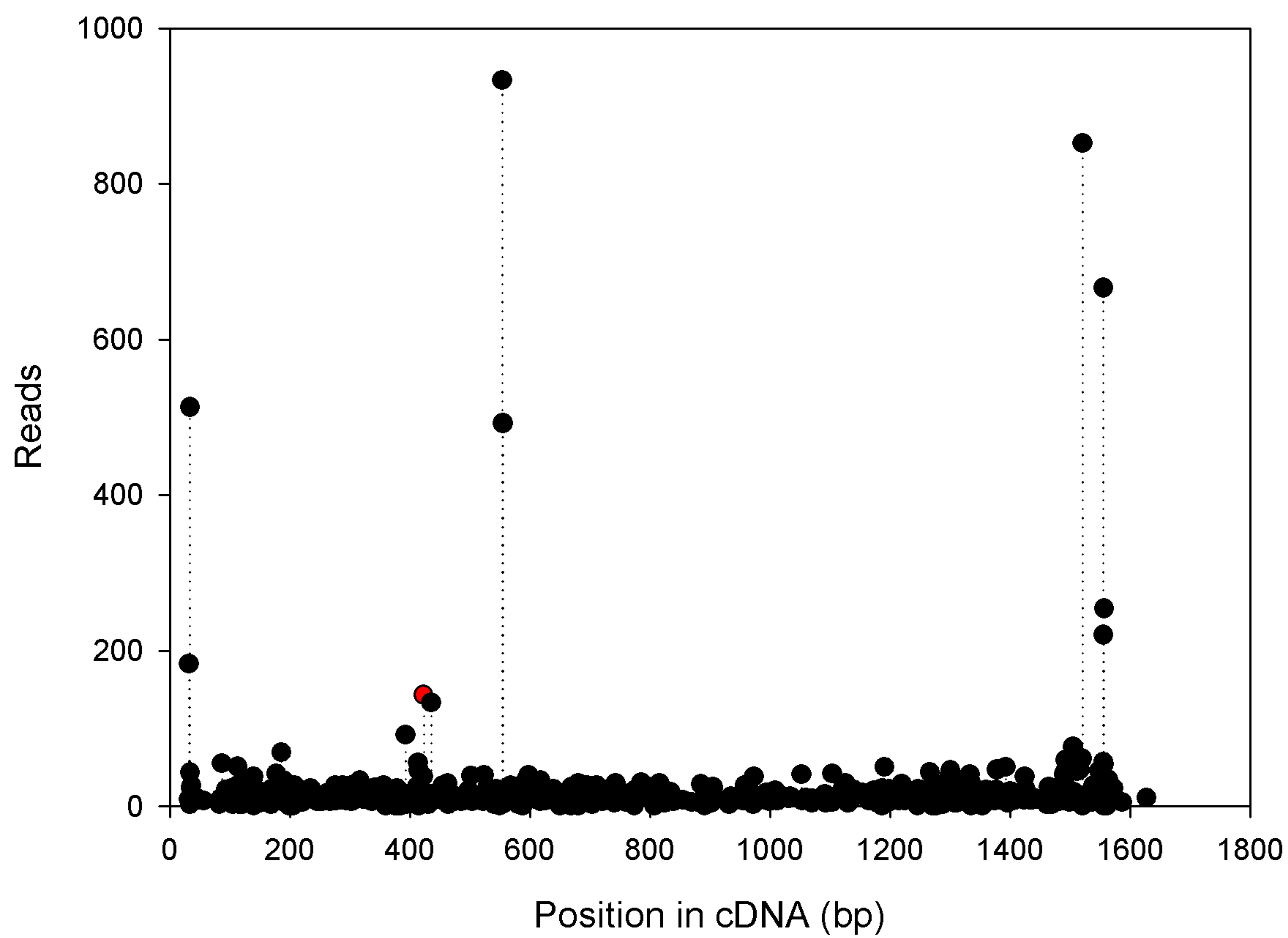
**T-plots for targets of
secondary siRNAs
in leaf**

Csi-miR167b.2-Cs2g09440.1-13, target=Cs3g15060.1 gene=Cs3g15060

Category:3

Score:4.5

Cleavage site:423



5' UUAGUGGCGAAGUUGAUCAGAAGAAA 3'

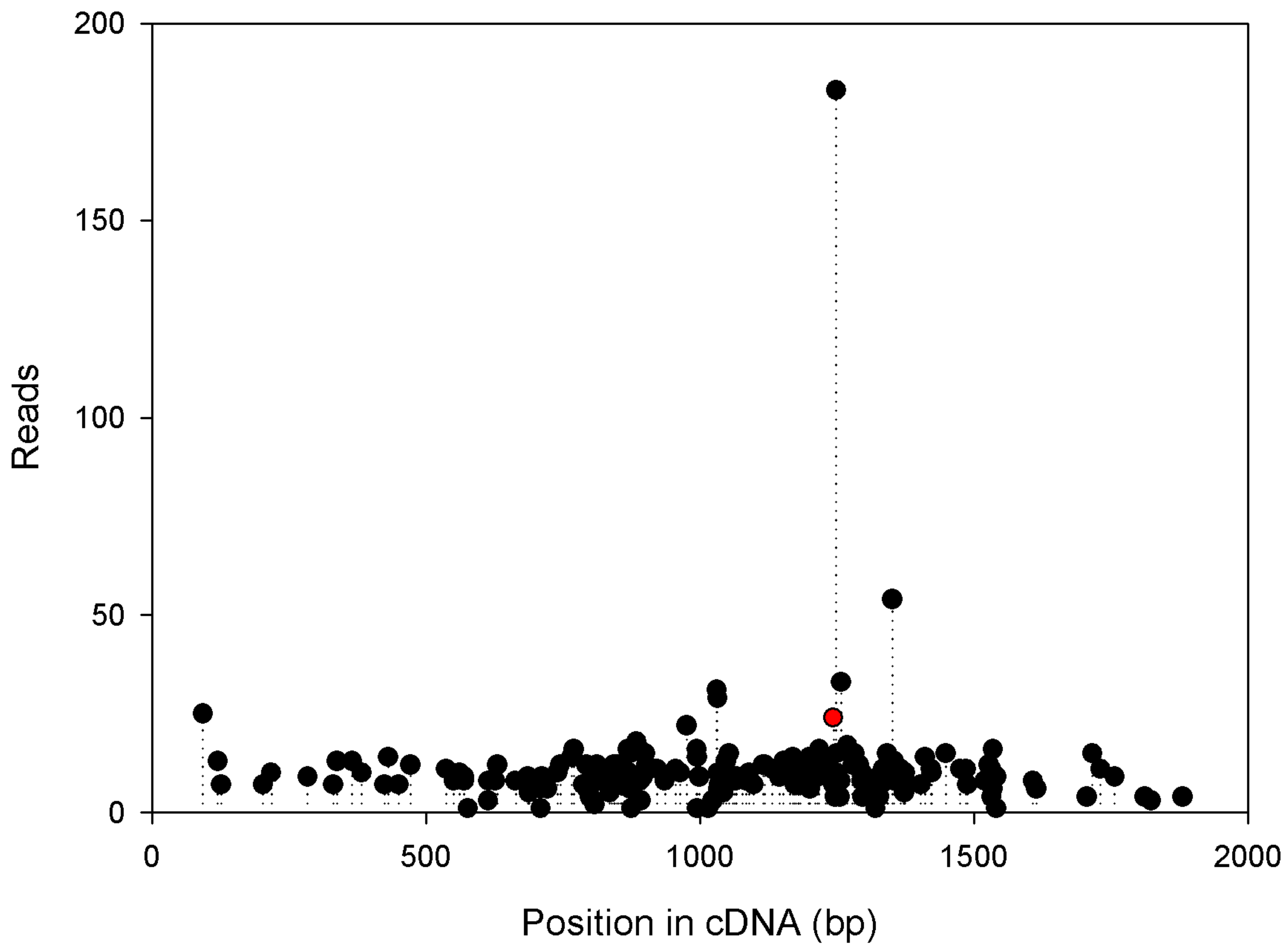
Cs3g15060.1

: ::: :::::::::::::::

3' --UGACCAAUUUAACUAGUCUUU--- 5'

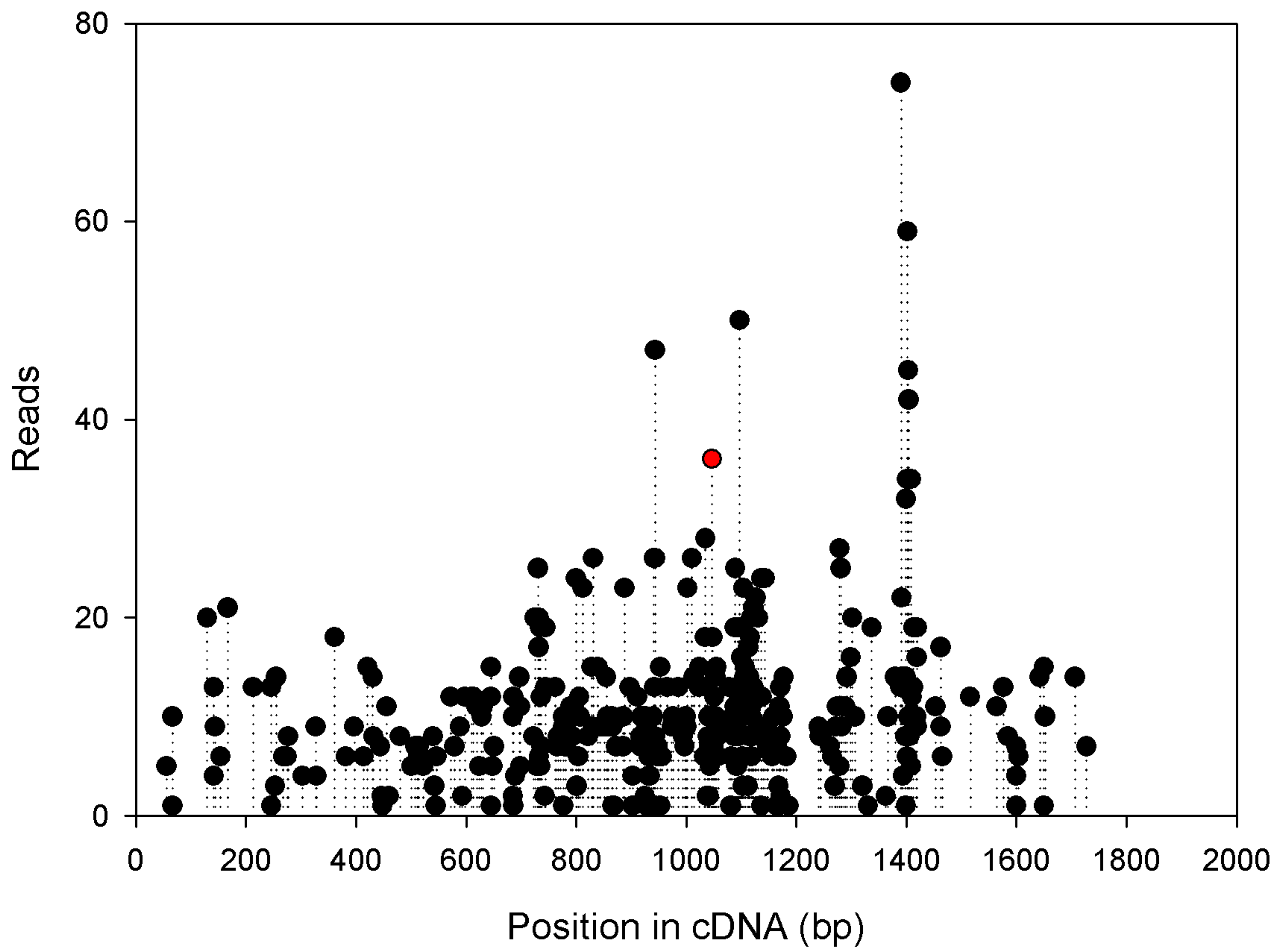
Csi-miR167b.2-Cs2g09440.1-13

Csi-miR167b.2-Cs2g09440.1-8, target=Cs4g19850.1 gene=Cs4g19850
 Category:3
 Score:5
 Cleavage site:1244



5' CAUCGACUUCAAAAUUGGAGCUGAGU 3'	Cs4g19850.1
. : : : : :	
3' ----UCGGAGACUUAACCUUGACUC- 5'	Csi-miR167b.2-Cs2g09440.1-8

Csi-miR167b.2-Cs2g09440.1-9, target=Cs2g12460.1 gene=Cs2g12460
 Category:3
 Score:5
 Cleavage site:1047

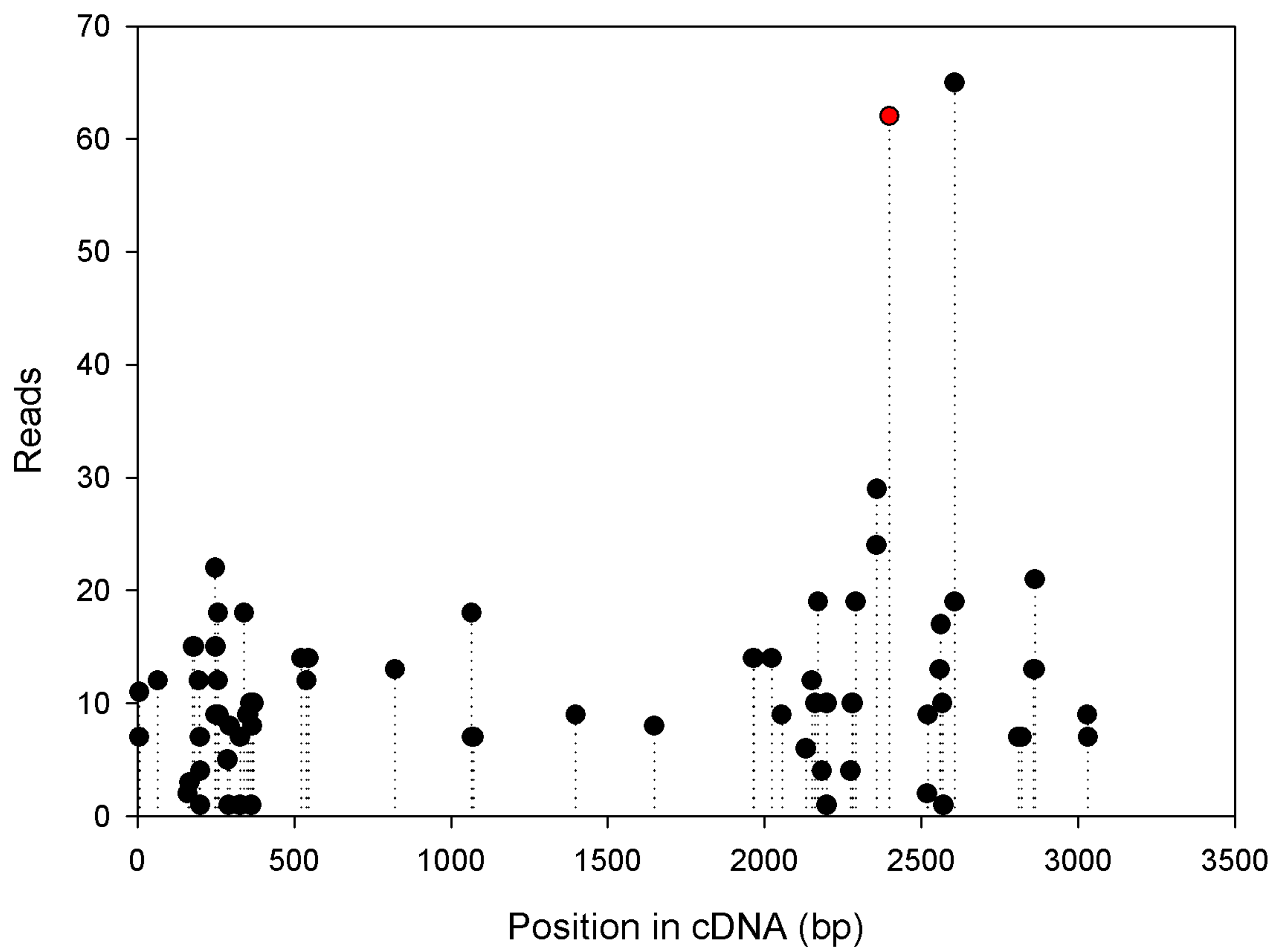


5' AAACAUCAGCCGCGUCUGUUGGUGUU 3'
 ::::: : ::::::::::::::: :
 3' --AGUAGU-GUCGACGACAACCUC-- 5'

Cs2g12460.1

Csi-miR167b.2-Cs2g09440.1-9

Csi-miR2118.1-Orange1.1t02171.1-12, target=Cs7g21420.1 gene=Cs7g21420
 Category:2
 Score:4.5
 Cleavage site:2399



5' ACGCUUUGUC-AUACUUACAUCAC 3'

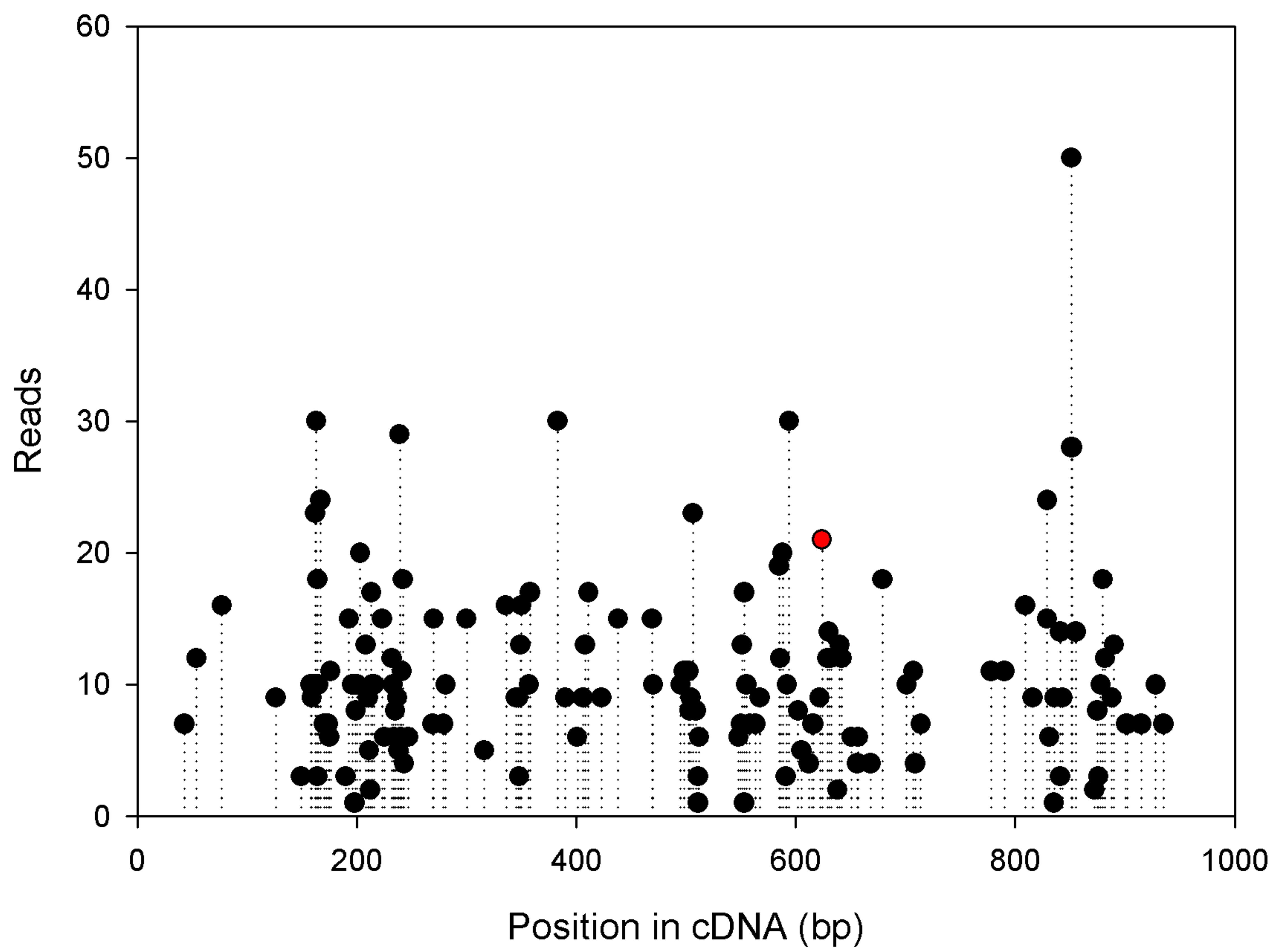
Cs7g21420.1

.....

3' -----GGUAGAAAUGAGUGUAGUAGU- 5'

Csi-miR2118.1-Orange1.1t02171.1-12

Csi-miR2118.1-Orange1.1t02171.1-21, target=Cs9g08950.1 gene=Cs9g08950
 Category:3
 Score:4.5
 Cleavage site:624



5' UUGGUGCAUUGCUUUUCUUUAUUGGG 3'

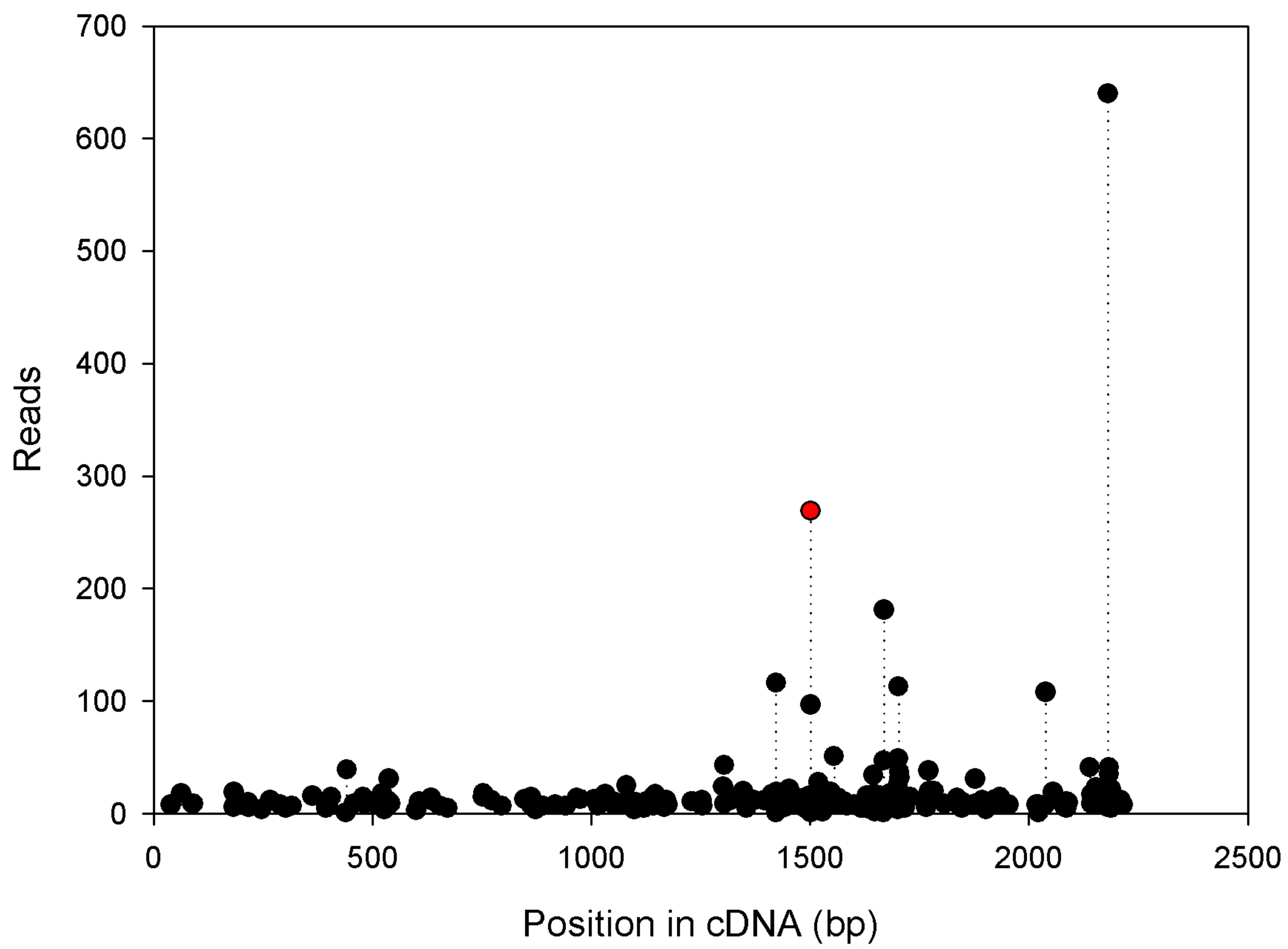
Cs9g08950.1

.....

3' AGUCCUGUUACGAAAAGAAAU----- 5'

Csi-miR2118.1-Orange1.1t02171.1-21

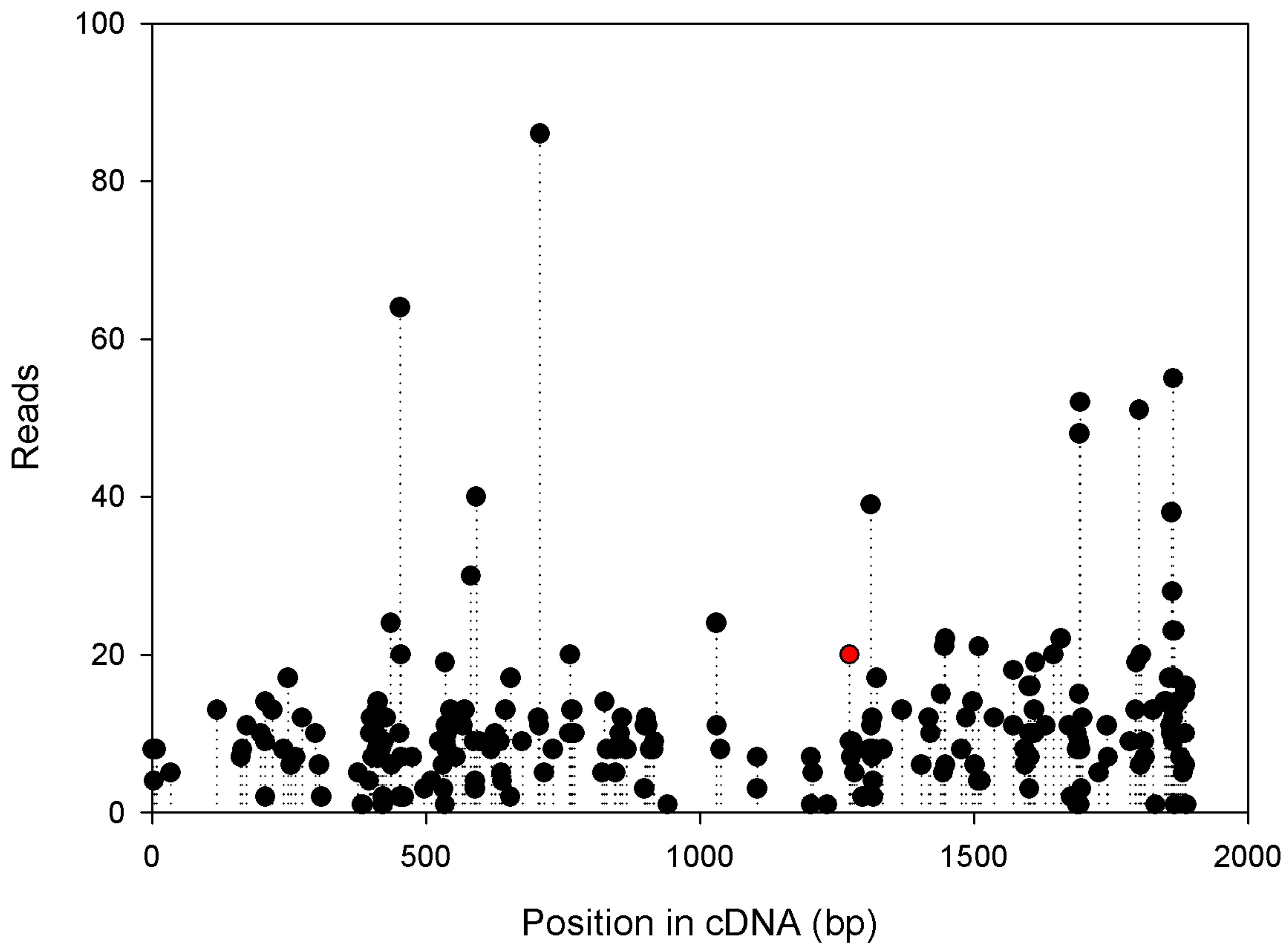
Csi-miR2118.1-Orange1.1t02171.1-30, target=Cs1g22190.1 gene=Cs1g22190
 Category:2
 Score:5
 Cleavage site:1501



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5' UUCGUUGUUGGCCUCUUGCUCAGAUG 3'
   : : : : : : : : : : : : : :
3' ----AACGGACCGAGAAAGAGUCUA- 5'
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Cs1g22190.1
Csi-miR2118.1-Orange1.1t02171.1-30
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Csi-miR2118.1-Orange1.1t02175.1-85, target=Cs3g06440.1 gene=Cs3g06440
 Category:3
 Score:5
 Cleavage site:1273

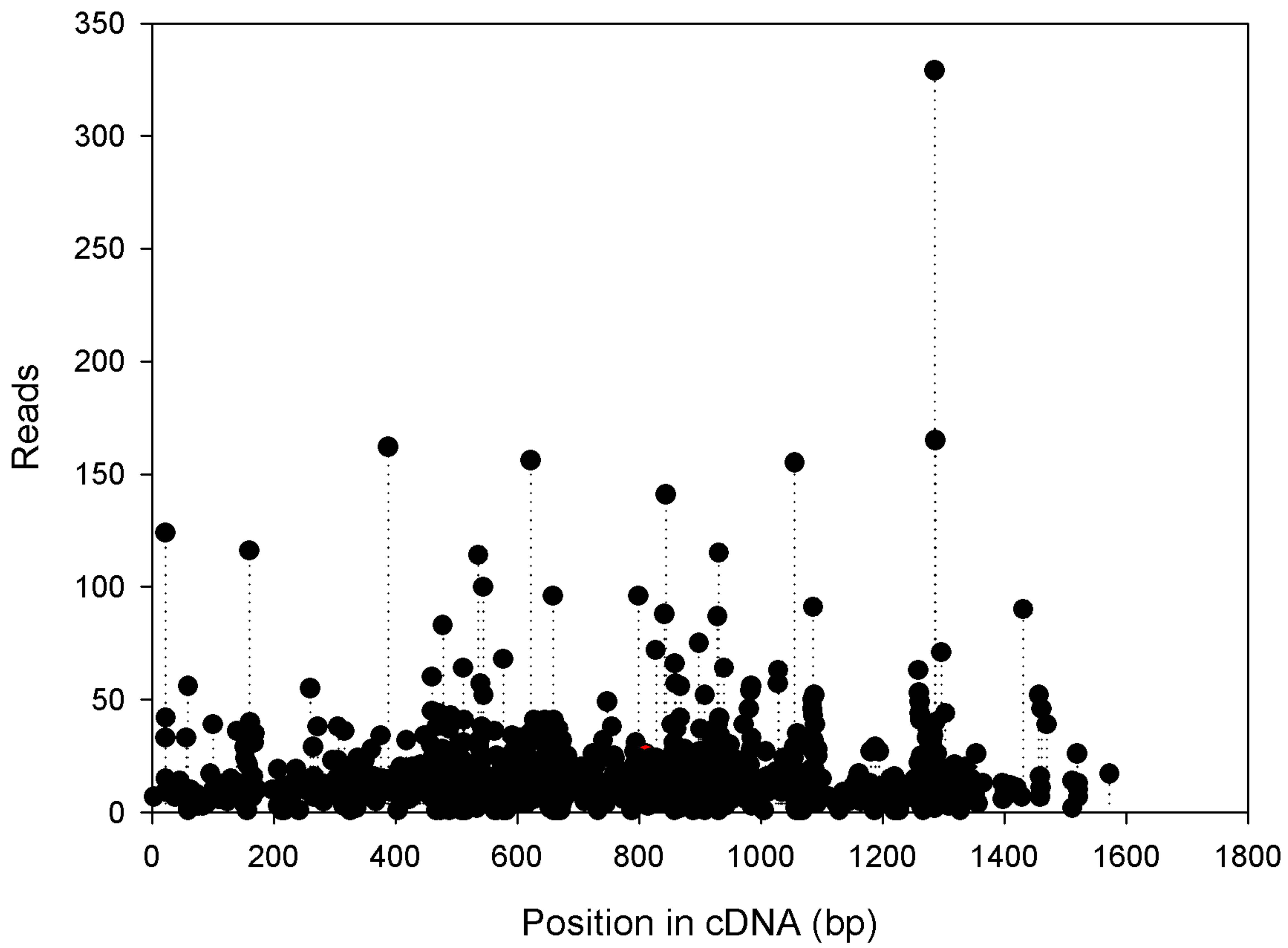


5' ACCCUUAUAUAG-CAAUGUUAUCGGGG 3'
 :: :: : :::::::::::::: ::
 3' -----AUUUAACGGUACAAUAGGCC- 5'

Cs3g06440.1

Csi-miR2118.1-Orange1.1t02175.1-85

Csi-miR2118.1-Orange1.1t02175.1-85, target=Cs6g16200.1 gene=Cs6g16200
 Category:3
 Score:5
 Cleavage site:811

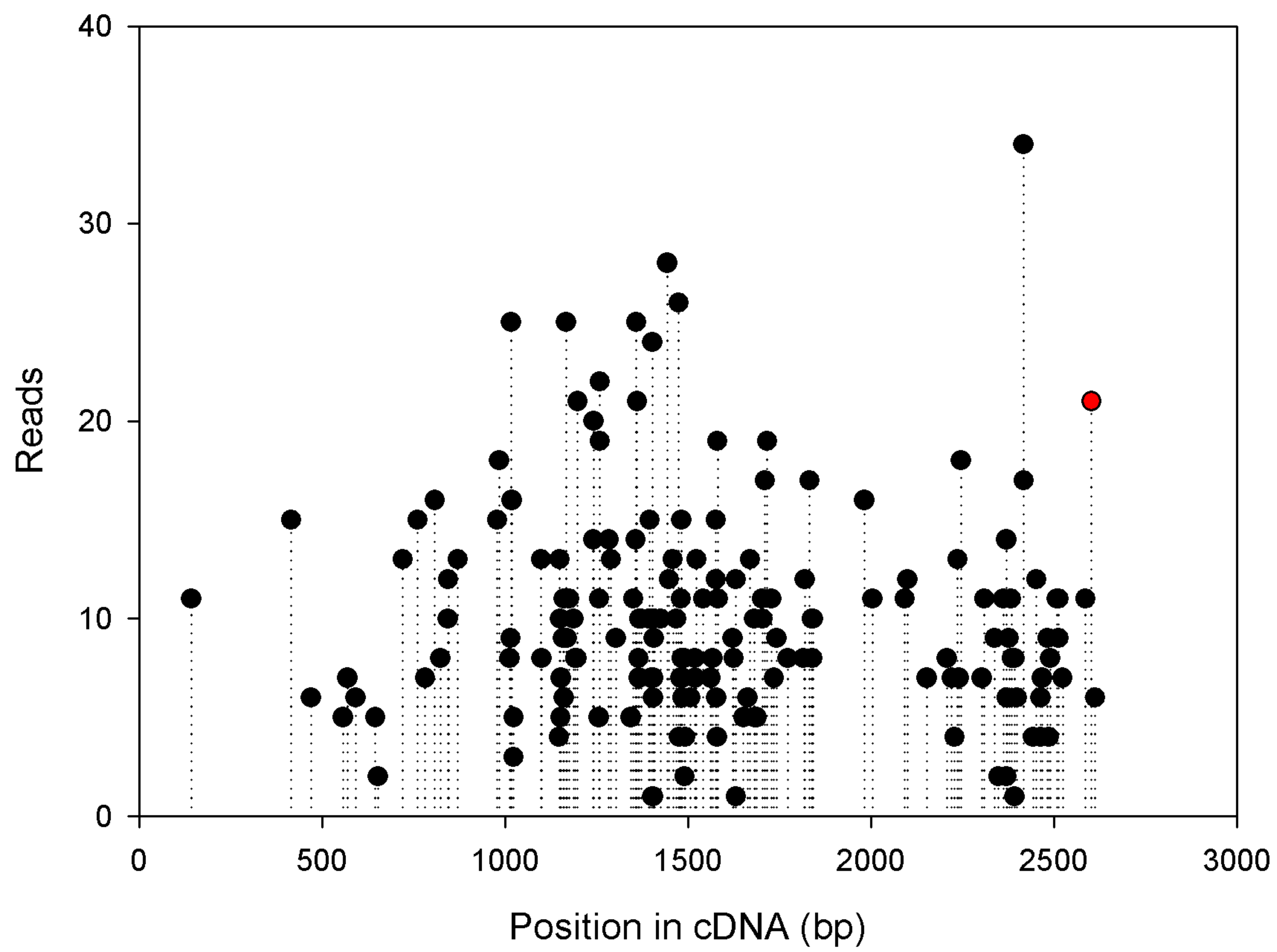


5' CAACCCUGAGUU-CCAAUGUUAUCCCA 3'
 :.:.:.: :.:.:.:.:.:.:.:.:.
 3' -----AUUUAACGGUACAAUAGGCC 5'

Cs6g16200.1

Csi-miR2118.1-Orange1.1t02175.1-85

Csi-miR3954a-Cs1g09600.1-7, target=Cs2g11250.1 gene=Cs2g11250
 Category:3
 Score:4.5
 Cleavage site:2603

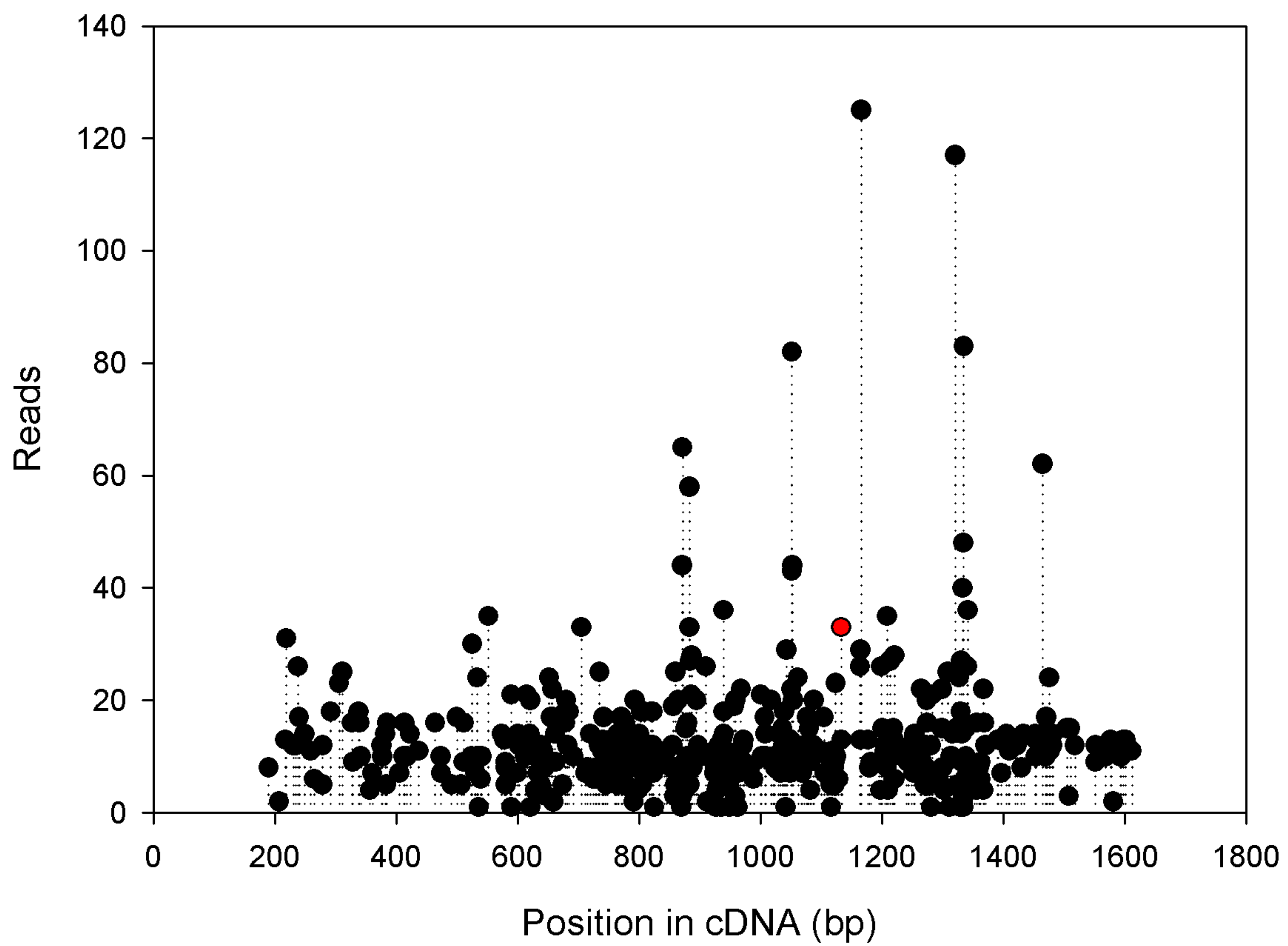


5' GUAUUUA-GUUCUGCUCUUCAGAAUAA 3'
 . . . : : : : : . . . : : : : : . . . : : : : :
 3' ---CGAUCCAAGAUGGGAAGUCUU--- 5'

Cs2g11250.1

Csi-miR3954a-Cs1g09600.1-7

Csi-miR3954a-Cs1g09600.1-9, target=Cs2g04220.1 gene=Cs2g04220
 Category:3
 Score:4.5
 Cleavage site:1133



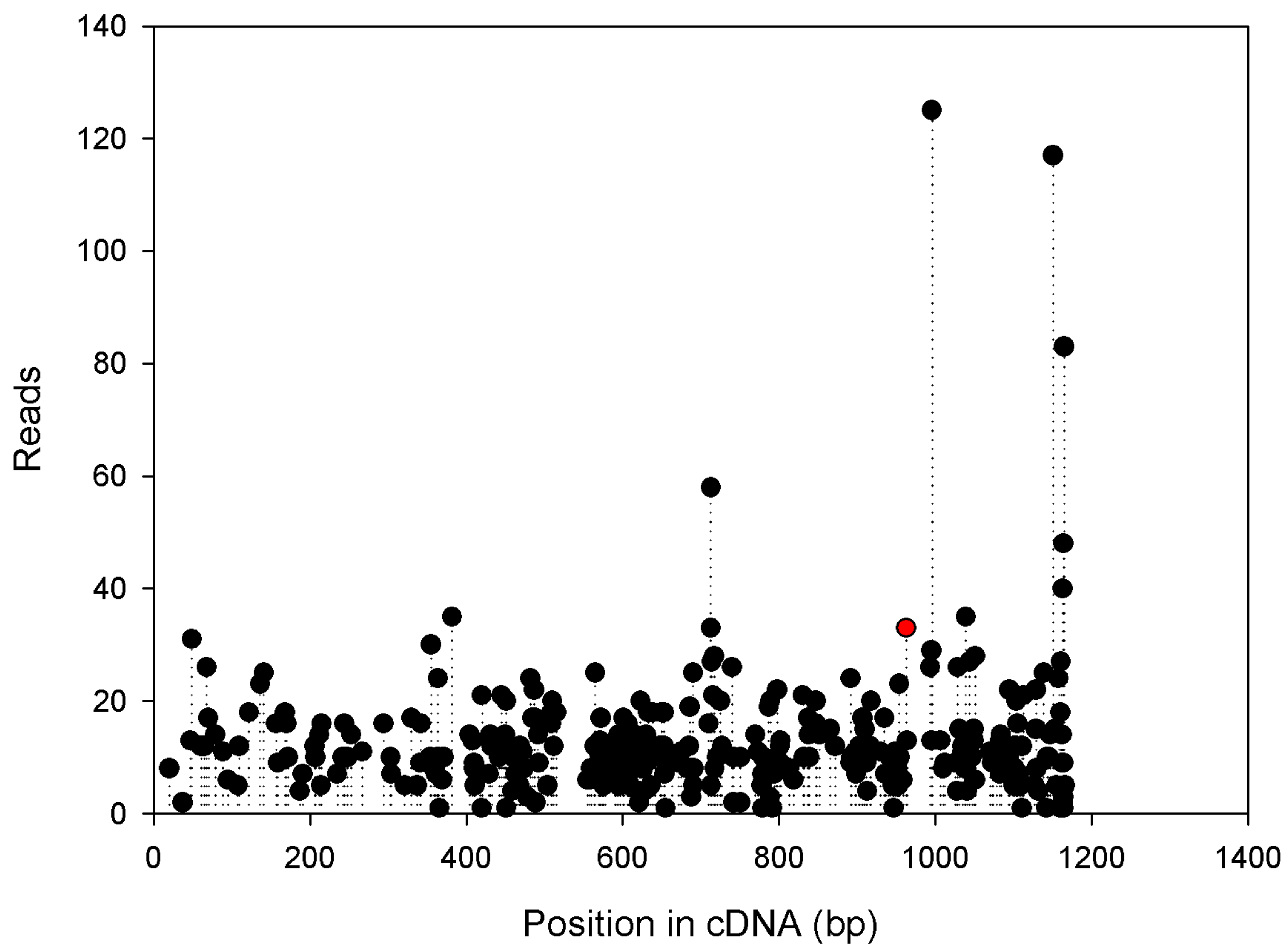
5' CACGCUAUGGUUU-UAGAGUGACAAAU 3'

 3' -----UACUAAAGAUCUUAGUGUUUA 5'

Cs2g04220.1

Csi-miR3954a-Cs1g09600.1-9

Csi-miR3954a-Cs1g09600.1-9, target=Cs3g07100.1 gene=Cs3g07100
 Category:3
 Score:4.5
 Cleavage site:963

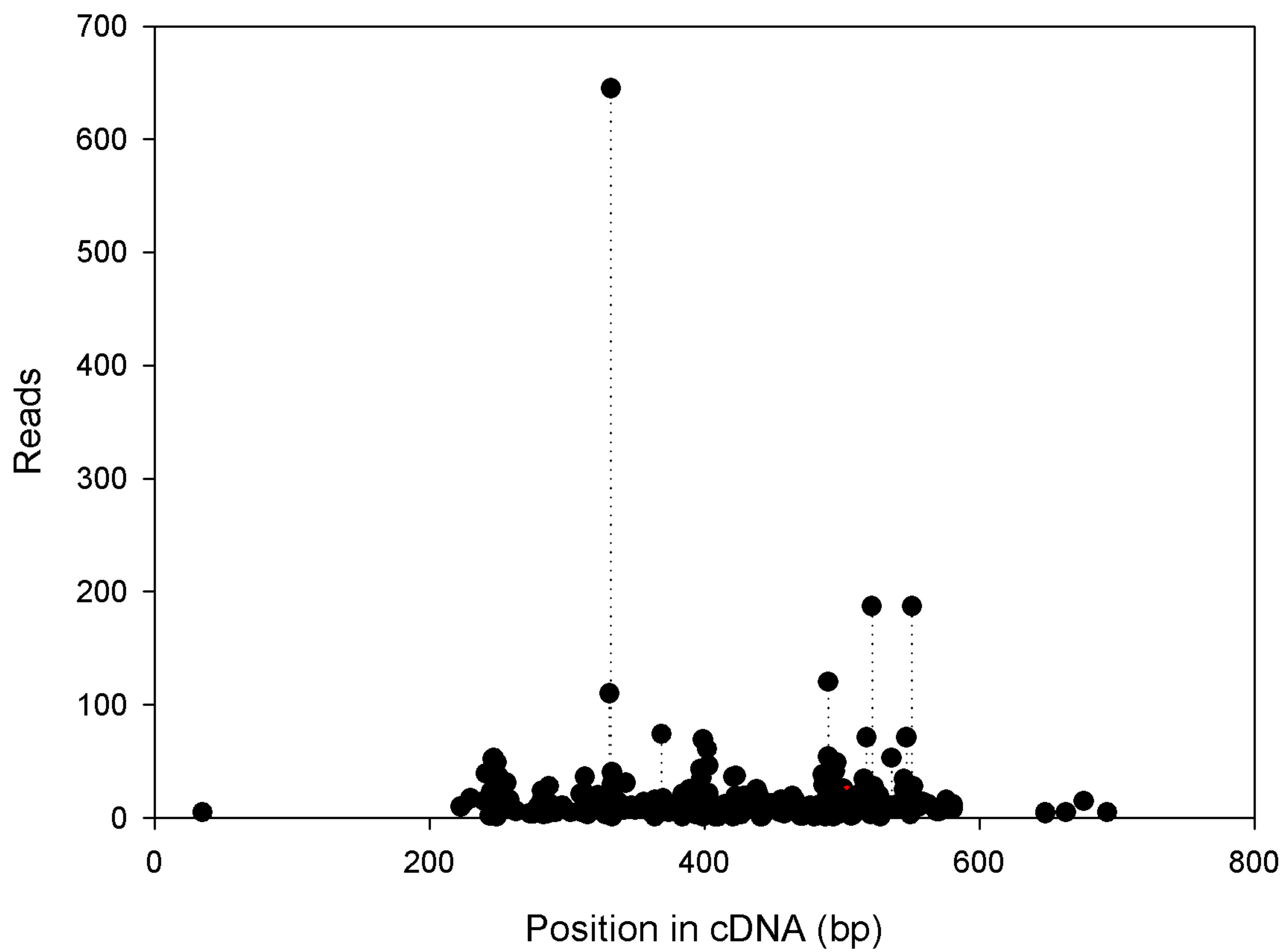


5' CACGCUAUGGUUU-UAGAGUGACAAAU 3'
 :::::::::: :::::::::: ::::::::::
 3' -----UACUAAAGAUCUUAGUGUUUA 5'

Cs3g07100.1

Csi-miR3954a-Cs1g09600.1-9

Csi-miR3954a-Cs1g09635.1-7, target=Cs4g11930.1 gene=Cs4g11930
 Category:3
 Score:3.5
 Cleavage site:504



5' UCUCCUGAGGUUUGACCUUUGAGAAU 3'

Cs4g11930.1

.....

3' ----GACUCCAGGCUGGAAAGUCUU- 5'

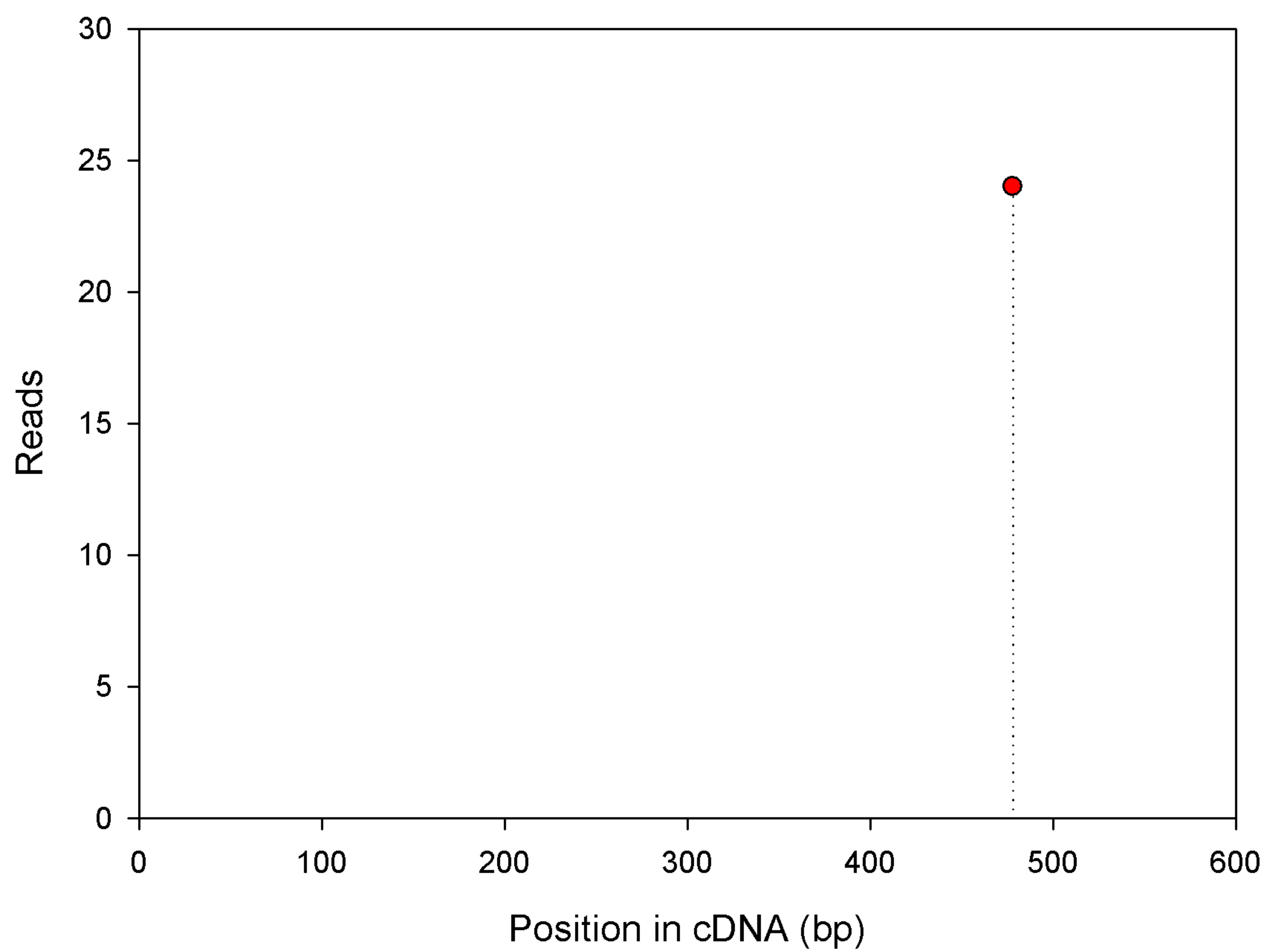
Csi-miR3954a-Cs1g09635.1-7

Csi-miR3954a-Cs1g09635.1-9, target=Cs2g11990.1 gene=Cs2g11990

Category:1

Score:4.5

Cleavage site:478



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5' AGUACUACUUCAAUCAACAAAGGCUCA 3'
   :   :   :   .   :   :   :   :   :
3' --AAGAU-AGUUUAGUGUUUCCGU-- 5'
```

Cs2g11990.1

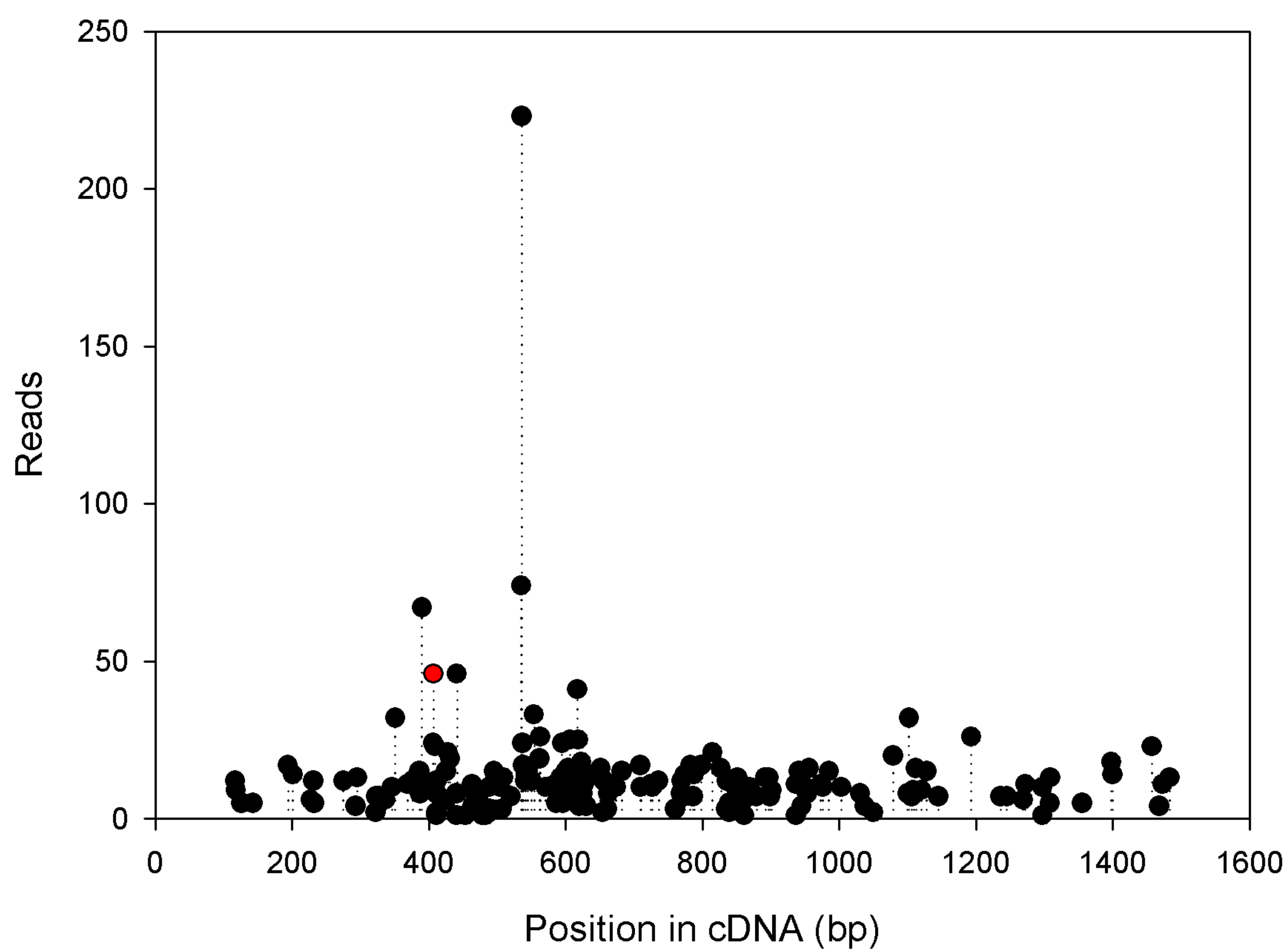
Csi-miR3954a-Cs1g09635.1-9

Csi-miR3954a-Cs1g09635.1-9, target=Cs5g11880.1 gene=Cs5g11880

Category:3

Score:5

Cleavage site:407



5' AAUAUUC-AGAAAUUACAAAGGCUAU 3'

Cs5g11880.1

... : :

3' ----AAGAUAGUUUAGUGUUUCCGU-- 5'

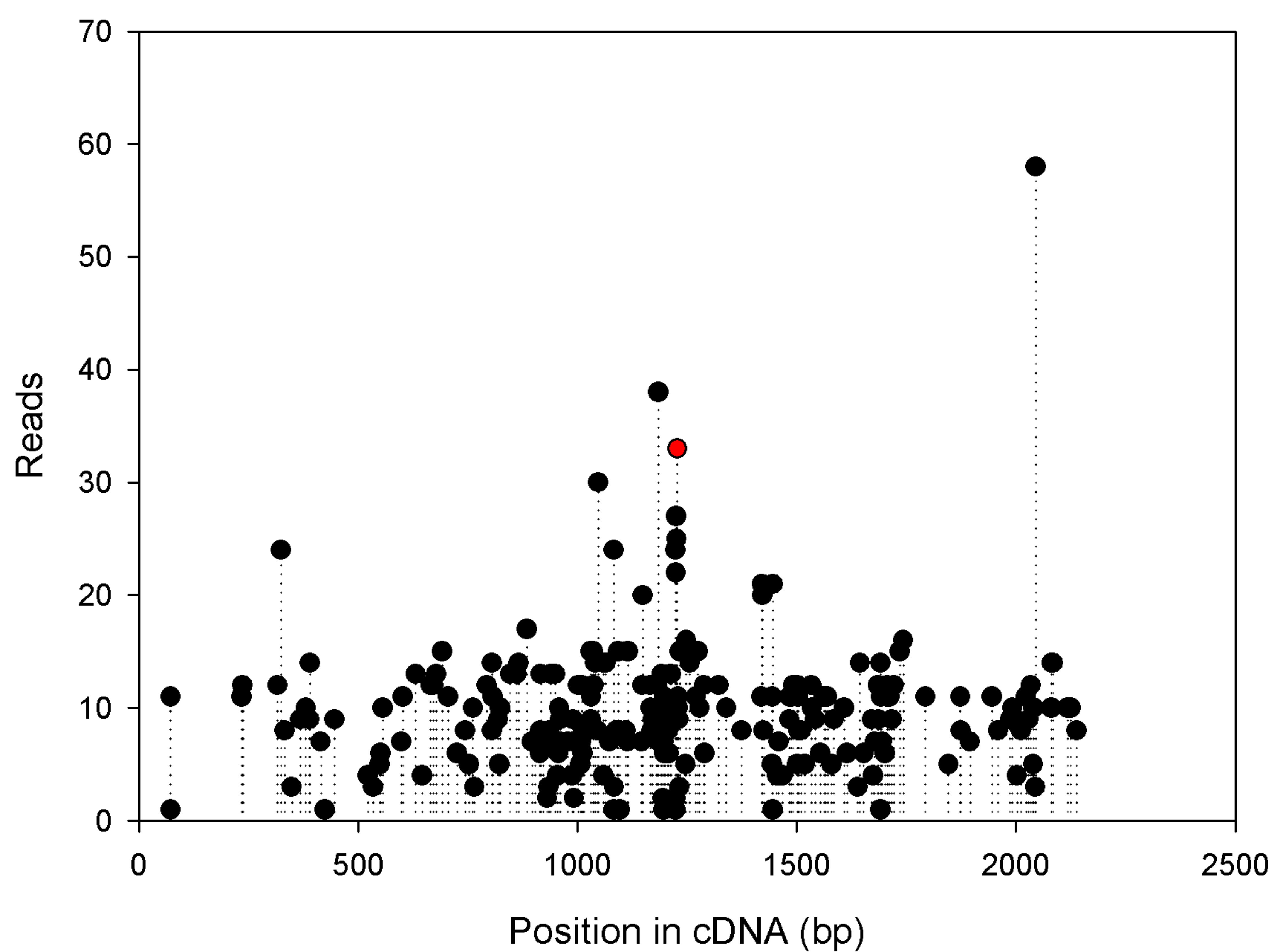
Csi-miR3954a-Cs1g09635.1-9

Csi-miR3954a-Cs5g04670.1-10, target=Cs4g17040.1 gene=Cs4g17040

Category:2

Score:5

Cleavage site:1227



5' AAUUGAACCGUAUUUUCUG-AAUUCU 3'

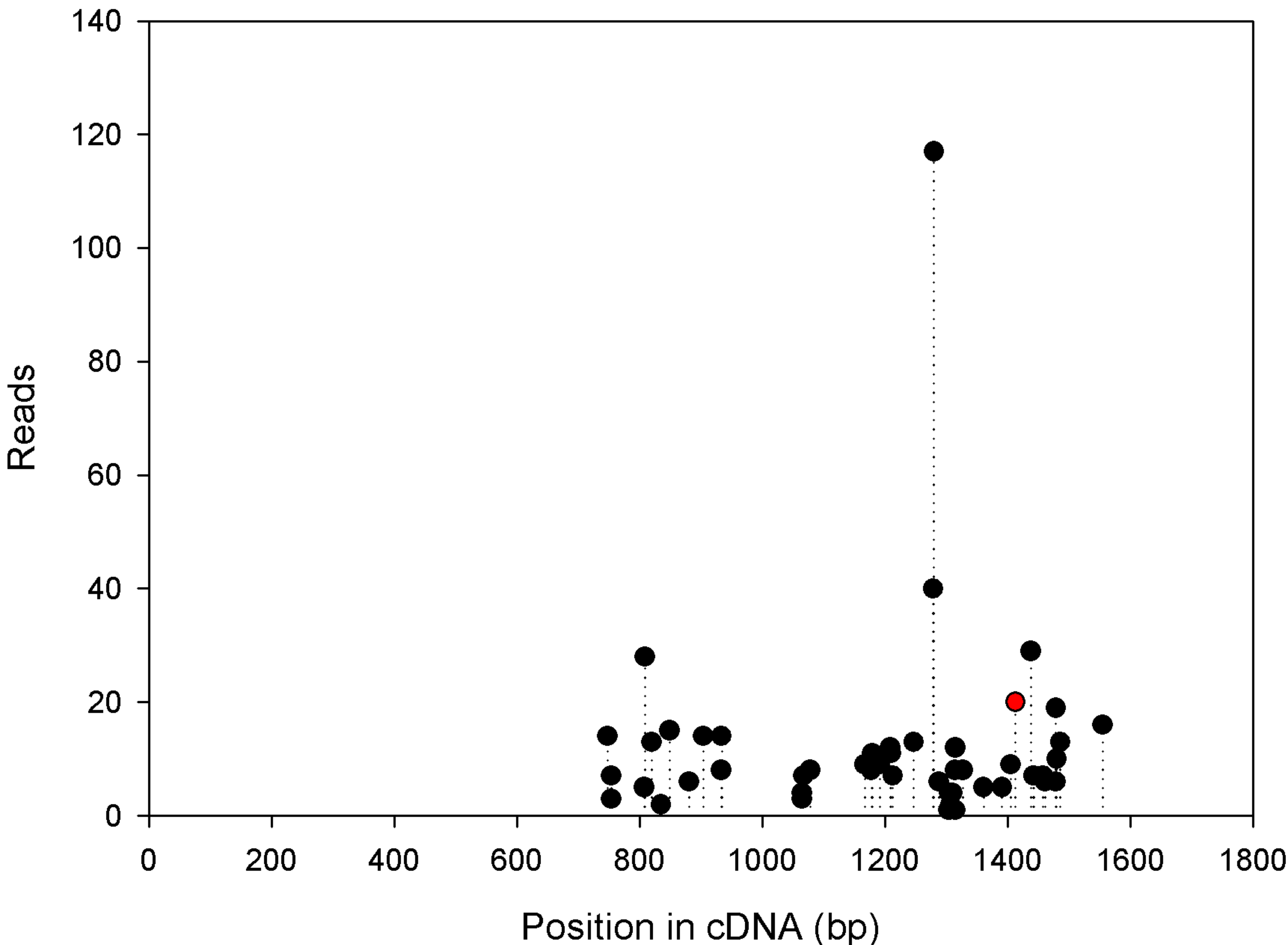
Cs4g17040.1

.....

3' ----ACUUGUCAUAAAAGACGUUGU-- 5'

Csi-miR3954a-Cs5g04670.1-10

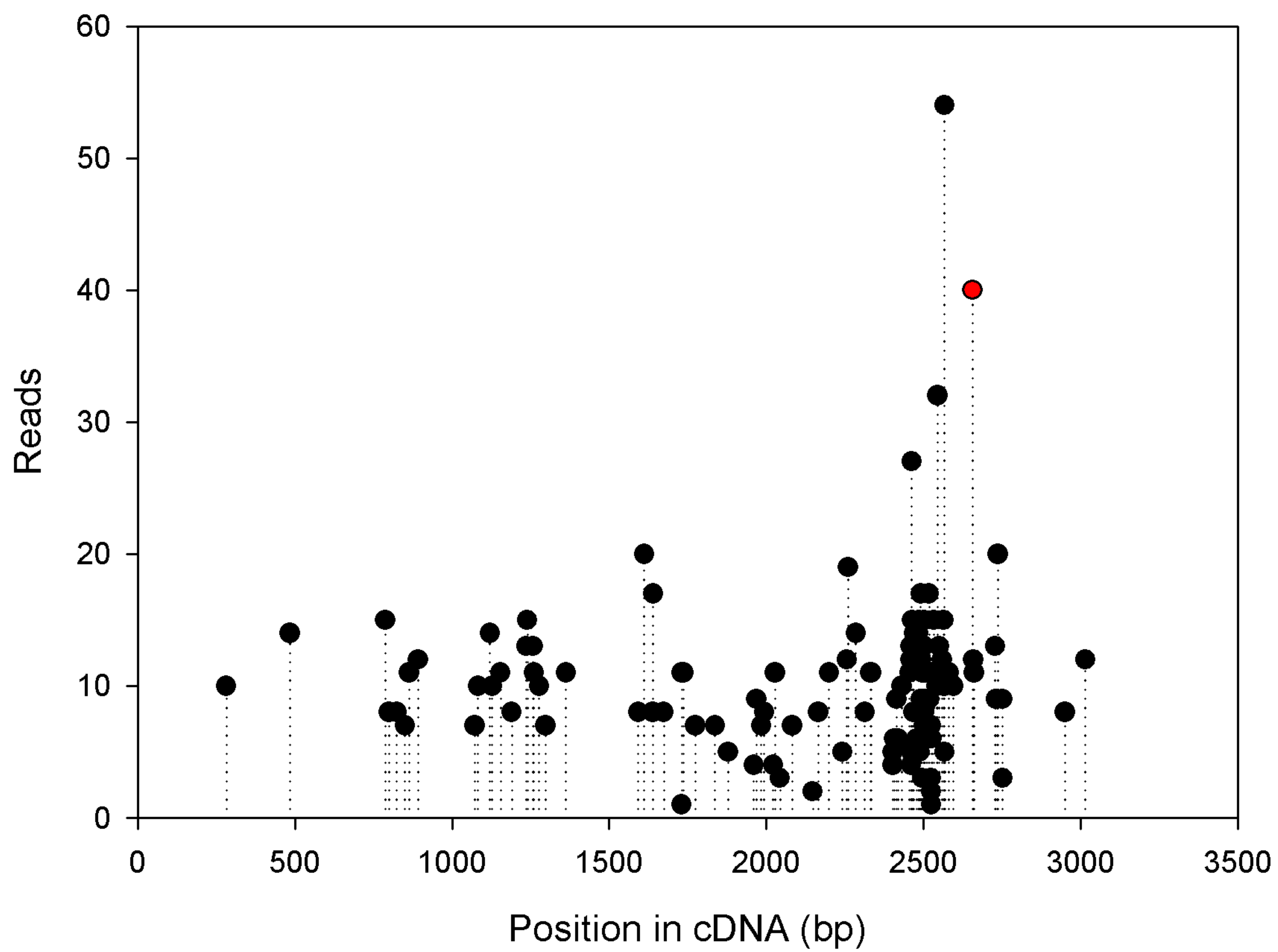
Csi-miR3954a-Cs5g04670.1-13, target=Cs7g13090.1 gene=Cs7g13090
 Category:3
 Score:5
 Cleavage site:1413



5' UUAUUGGAUU-UGAUUUGUAUAAUUGA 3'
 : : : : : : : : : : : :
 3' -----UGUAGUACUAAAGAUUAUAAC- 5'

Cs7g13090.1
 Csi-miR3954a-Cs5g04670.1-13

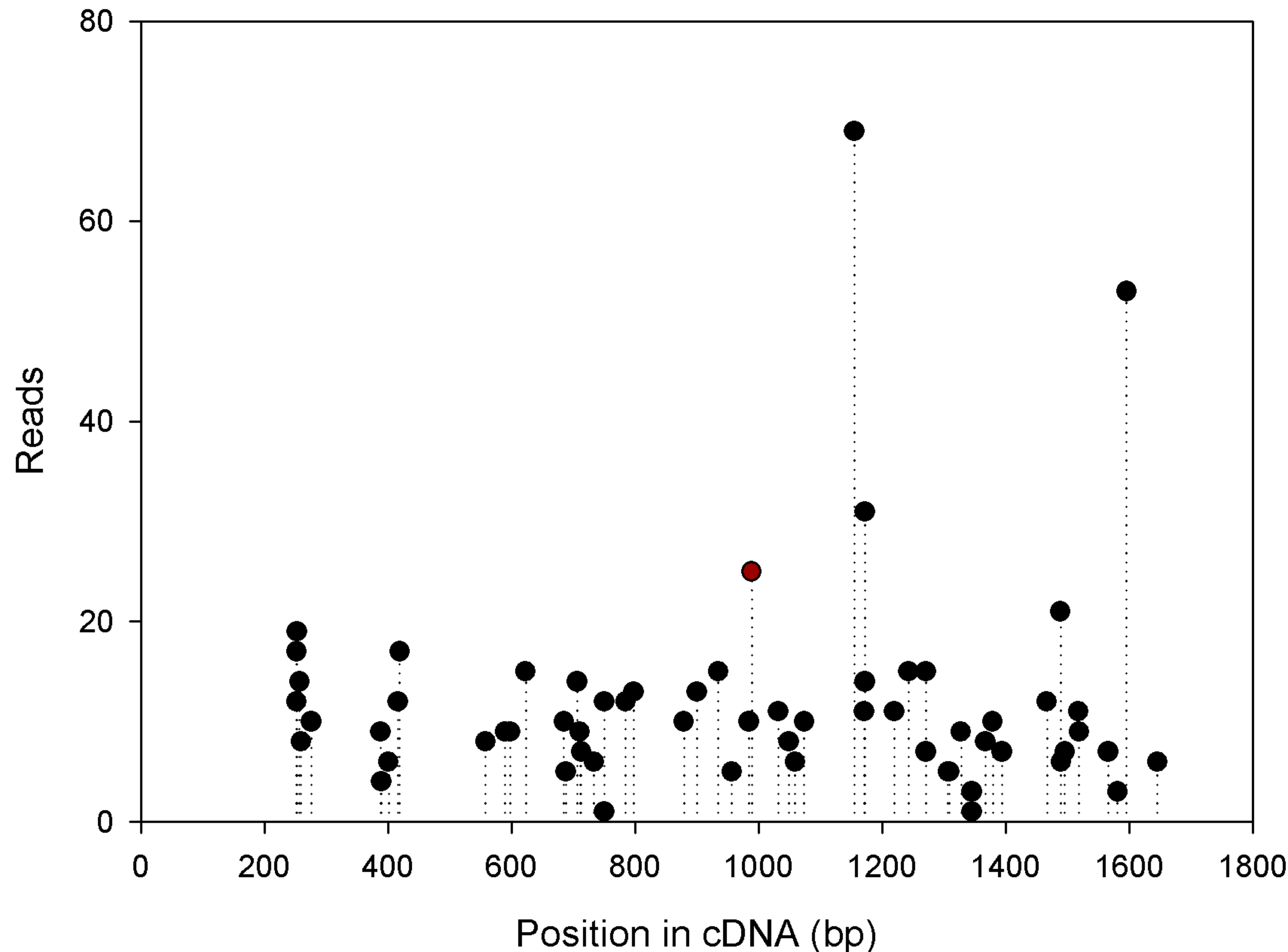
Csi-miR3954a-Cs5g04670.1-16, target=Cs9g03100.1 gene=Cs9g03100
 Category:3
 Score:5
 Cleavage site:2657



```

5' GAAAUUGA-GUGGAAAAGCUGGUUUUC 3'      Cs9g03100.1
   ::  ::::  ::.....::
3' -UUCAACUACAUUUUUUCGACA----- 5'      Csi-miR3954a-Cs5g04670.1-16
  
```

Csi-miR3954a-Cs5g04670.1-21, target=Cs3g25700.1 gene=Cs3g25700
 Category:3
 Score:5
 Cleavage site:989



5' CAGCUCAAUCAGAUGCCAAAU-CUGAG 3'
 :::::::::::::::::::: :::
 3' -----CUUAGUCUACGGUUUACCACU- 5'

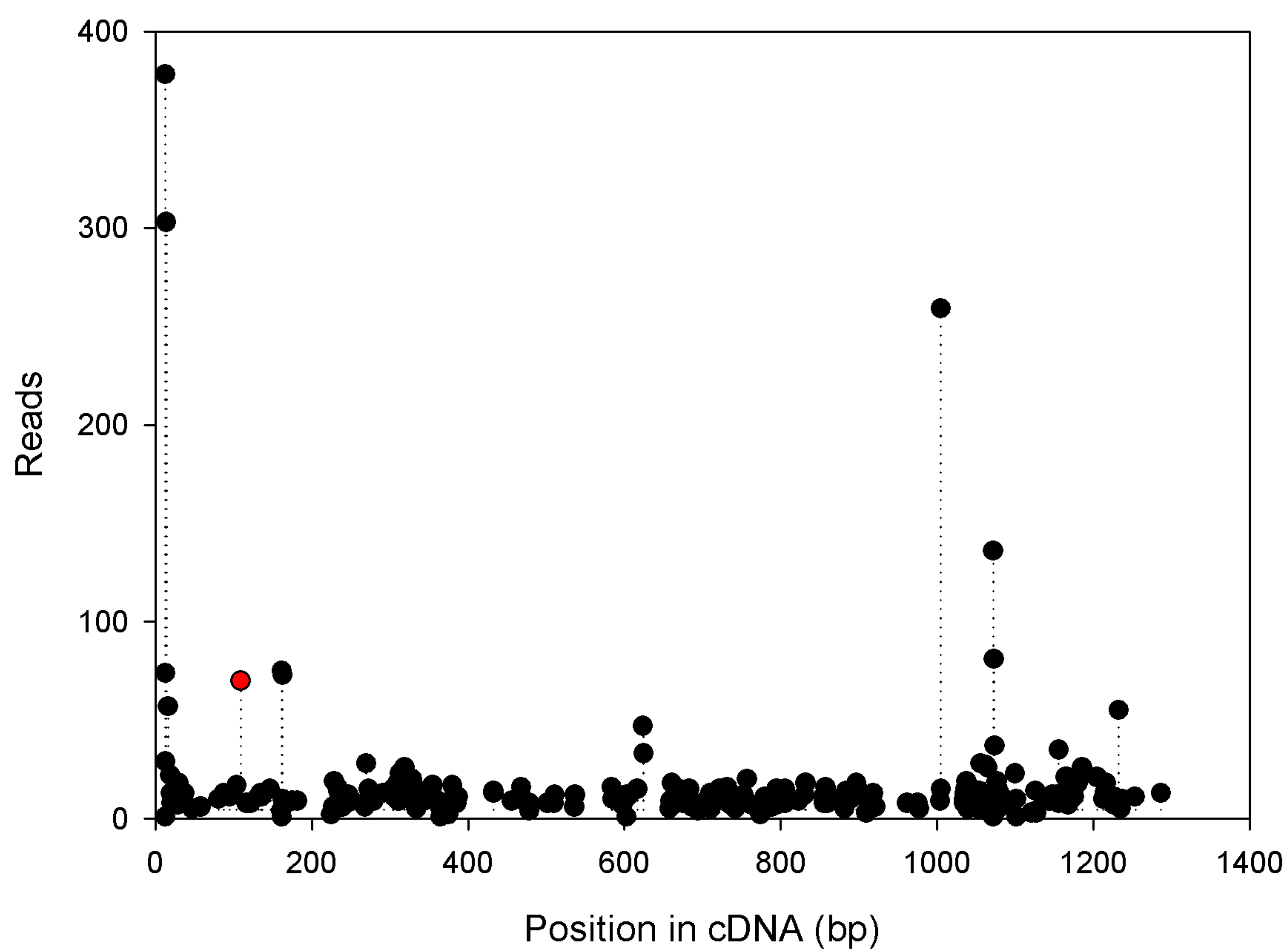
Cs3g25700.1
 Csi-miR3954a-Cs5g04670.1-21

Csi-miR3954a-Cs7g22460.1-15, target=Cs7g06320.1 gene=Cs7g06320

Category:3

Score:5

Cleavage site:109



5' CGCAUAUAUUUUCUUUUUCAAGUUCU 3'

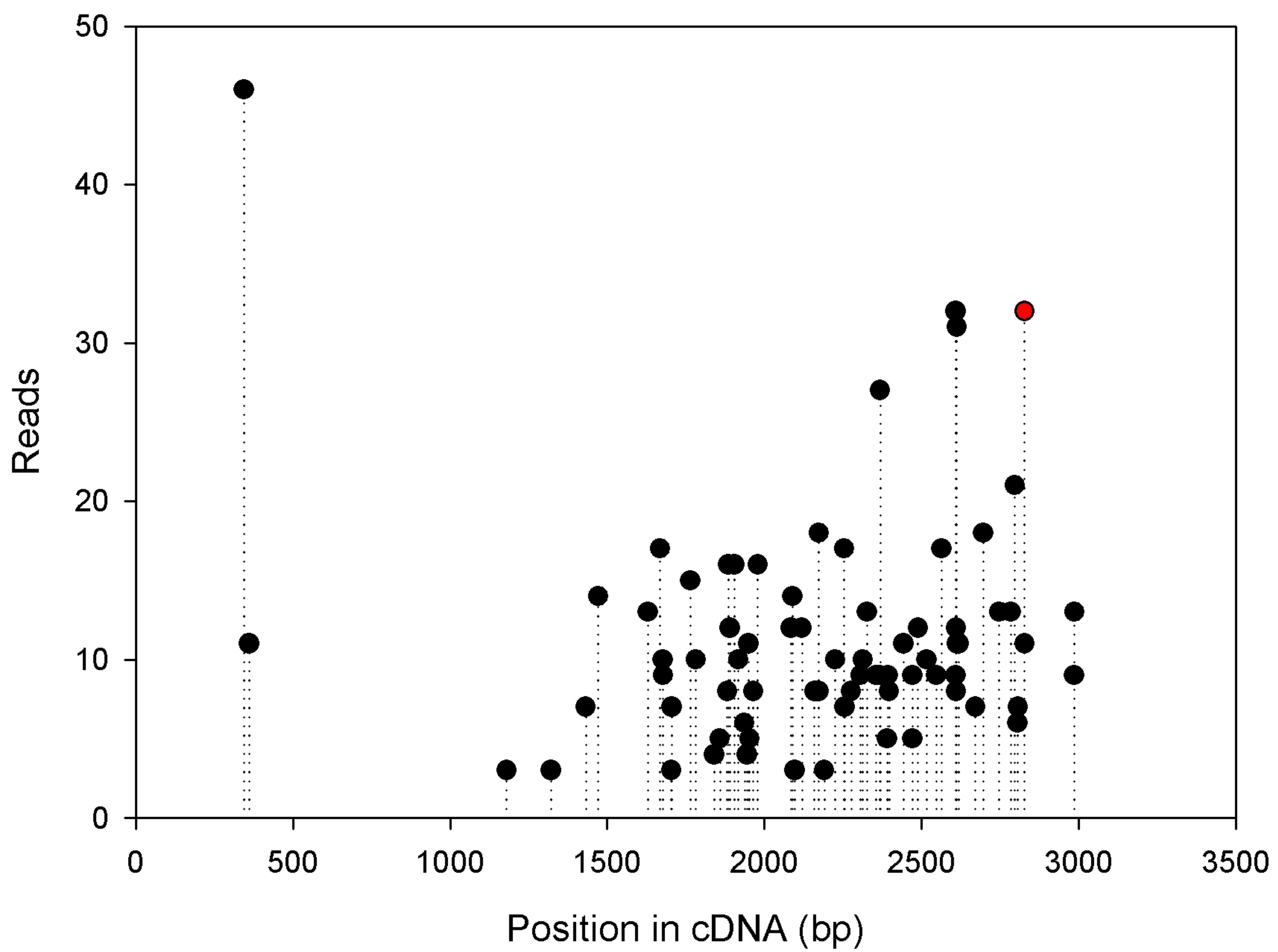
Cs7g06320.1

: :

3' ACCUUUAUAAAAAAAAAAGUU----- 5'

Csi-miR3954a-Cs7g22460.1-15

Csi-miR3954a-Cs7g22460.1-2, target=Cs3g07280.1 gene=Cs3g07280
 Category:2
 Score:4
 Cleavage site:2828

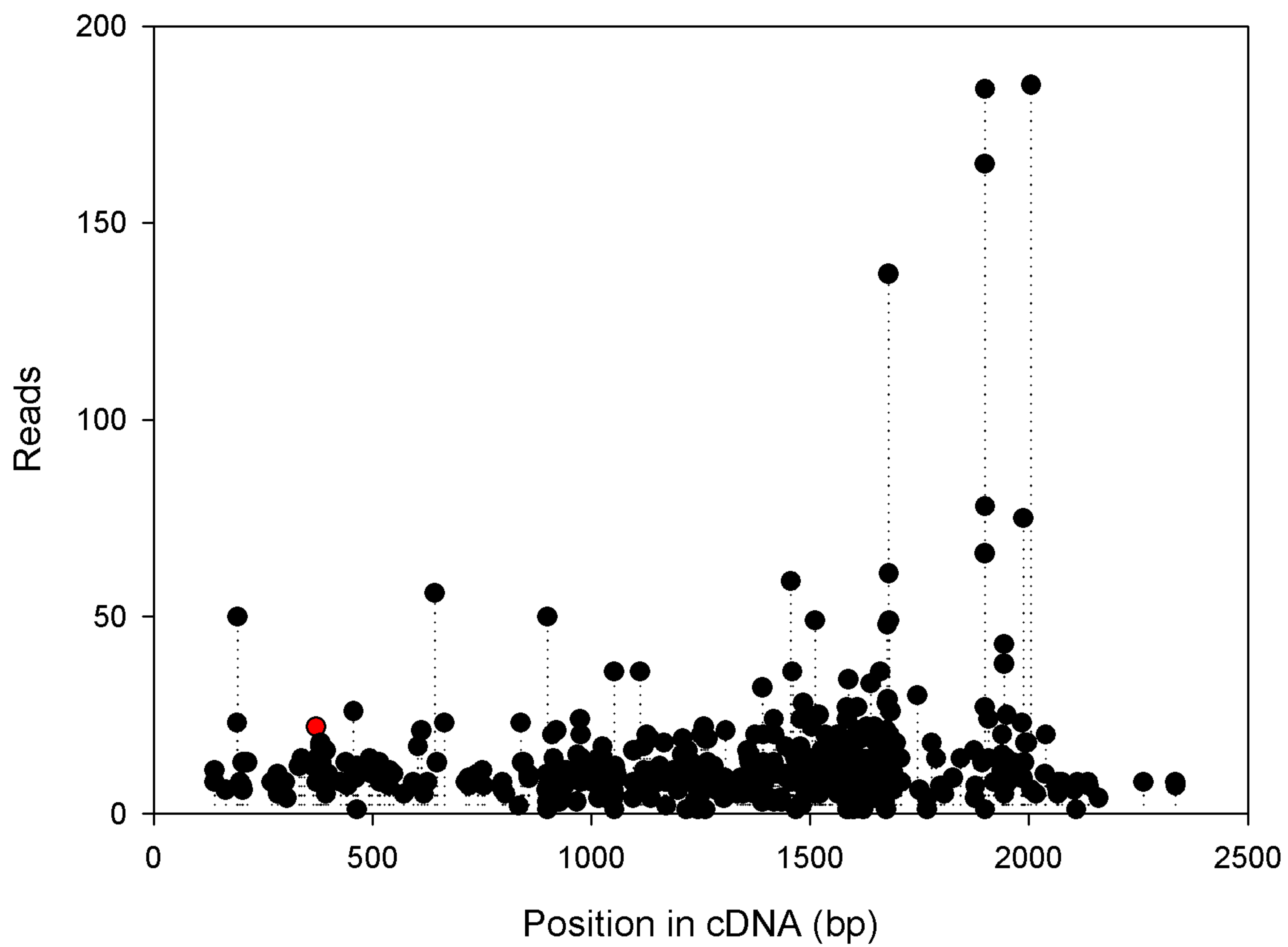


```
5' UACUG-AAAUUUAGCUGUAUGATGCCA 3'
   . : : : : : : : : : : : : :
3' GUGCUGUGUAAAUCGACAUAC----- 5'
```

Cs3g07280.1

Csi-miR3954a-Cs7g22460.1-2

Csi-miR3954a-Cs7g22460.1-2, target=Cs6g18000.1 gene=Cs6g18000
 Category:3
 Score:5
 Cleavage site:371

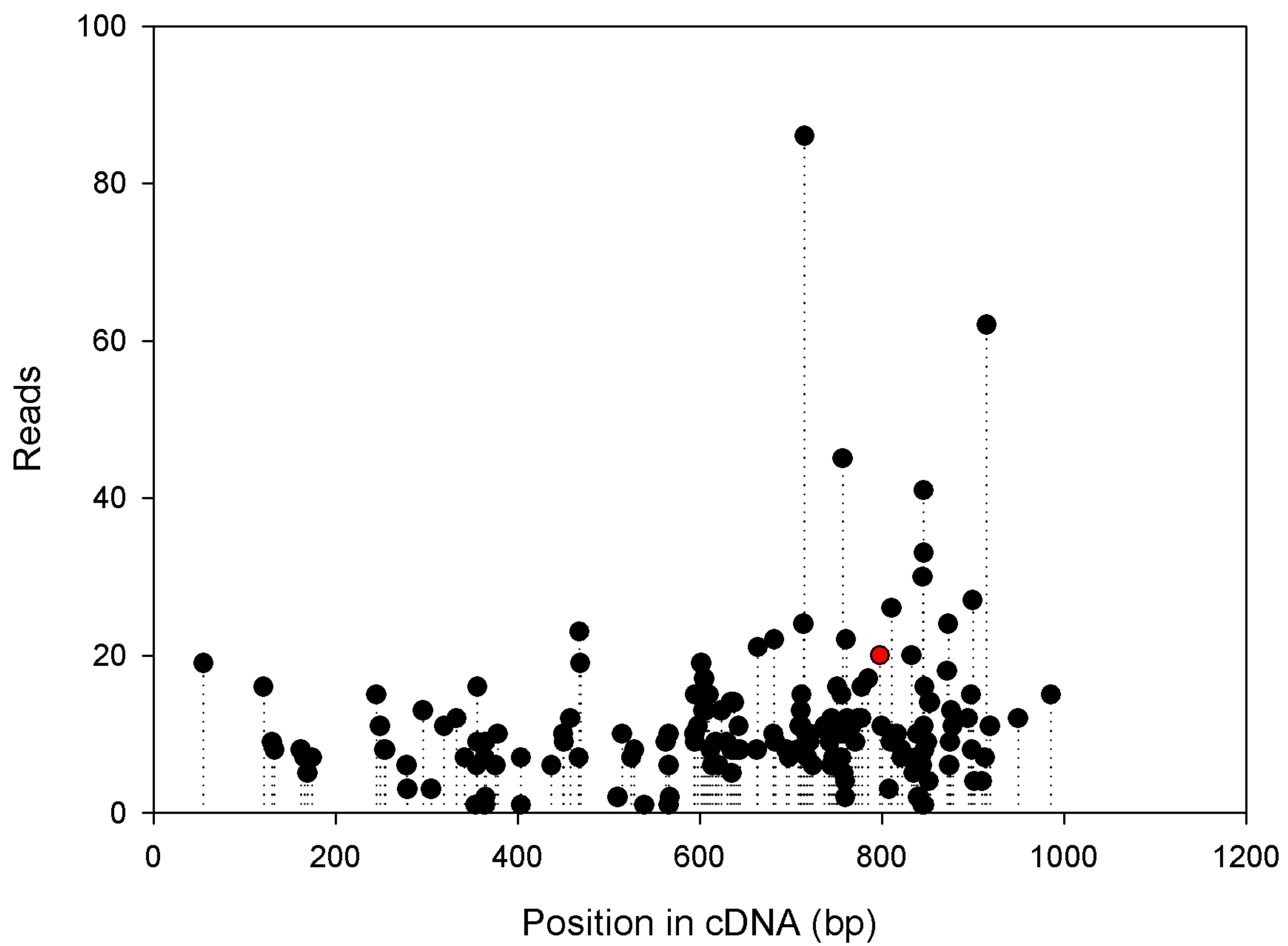


```
5' UGUCUGAAAGAUUUGGCUGUAUGCAU 3'
   . . . . . : : : : : : : : : : :
3' --GUGCUGUGUAAAUCGACAUAC--- 5'
```

Cs6g18000.1

Csi-miR3954a-Cs7g22460.1-2

Csi-miR3954a-Cs7g22460.1-8, target=Cs9g06660.1 gene=Cs9g06660
 Category:3
 Score:4
 Cleavage site:798



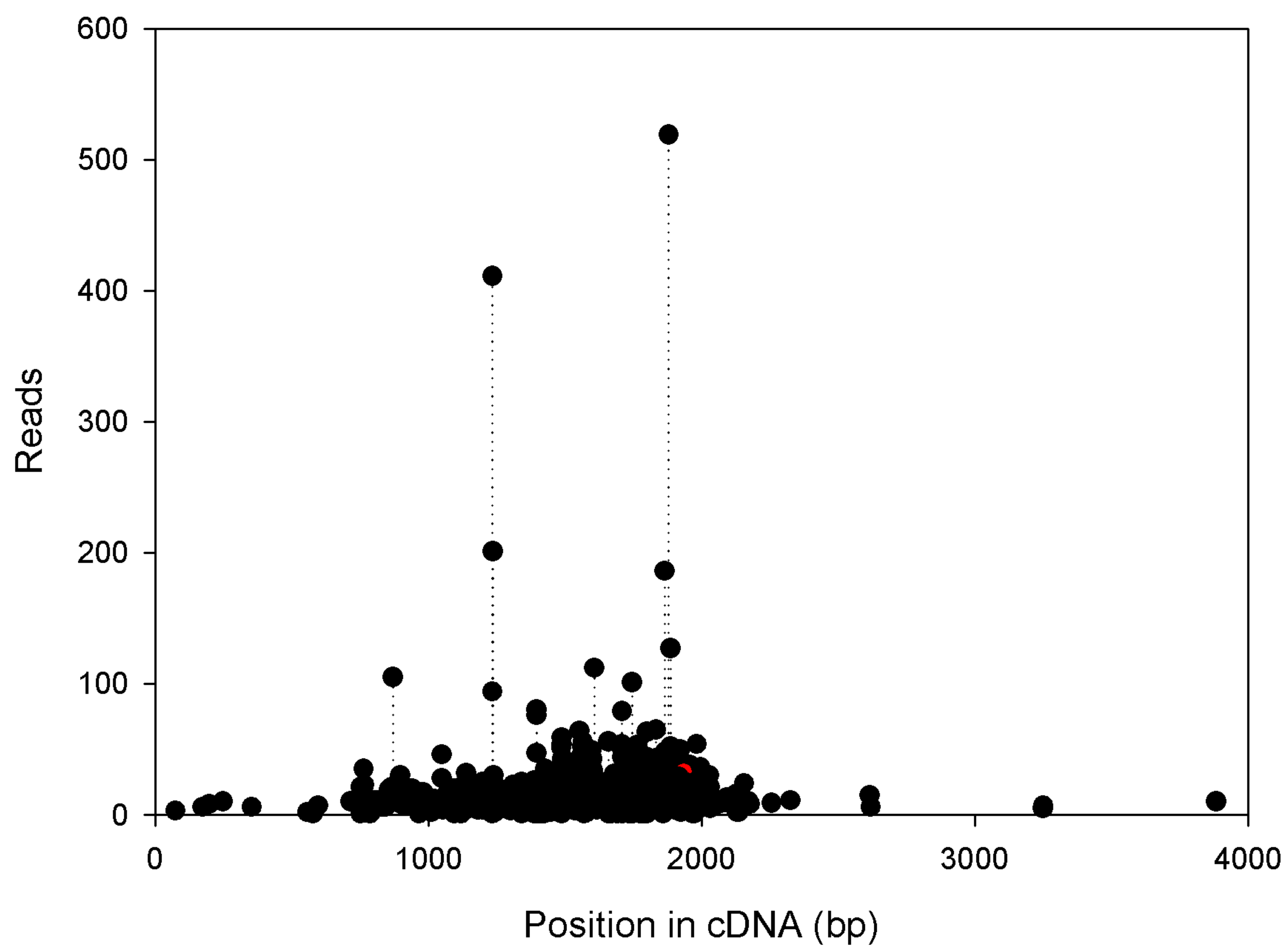
```

5' UUGUGAUCAUUUACUUGUUUGUAUUC 3'
   :::  ::::::::::::::::::::
3' -----UAGACAAUGAACAAGUAUAAG 5'
  
```

Cs9g06660.1

Csi-miR3954a-Cs7g22460.1-8

Csi-miR482a-3p-Cs5g18480.1-15, target=Cs7g01530.1 gene=Cs7g01530
 Category:3
 Score:5
 Cleavage site:1936



5' UUGU-AUGAUCCCACUCCACUUUUGU 3'

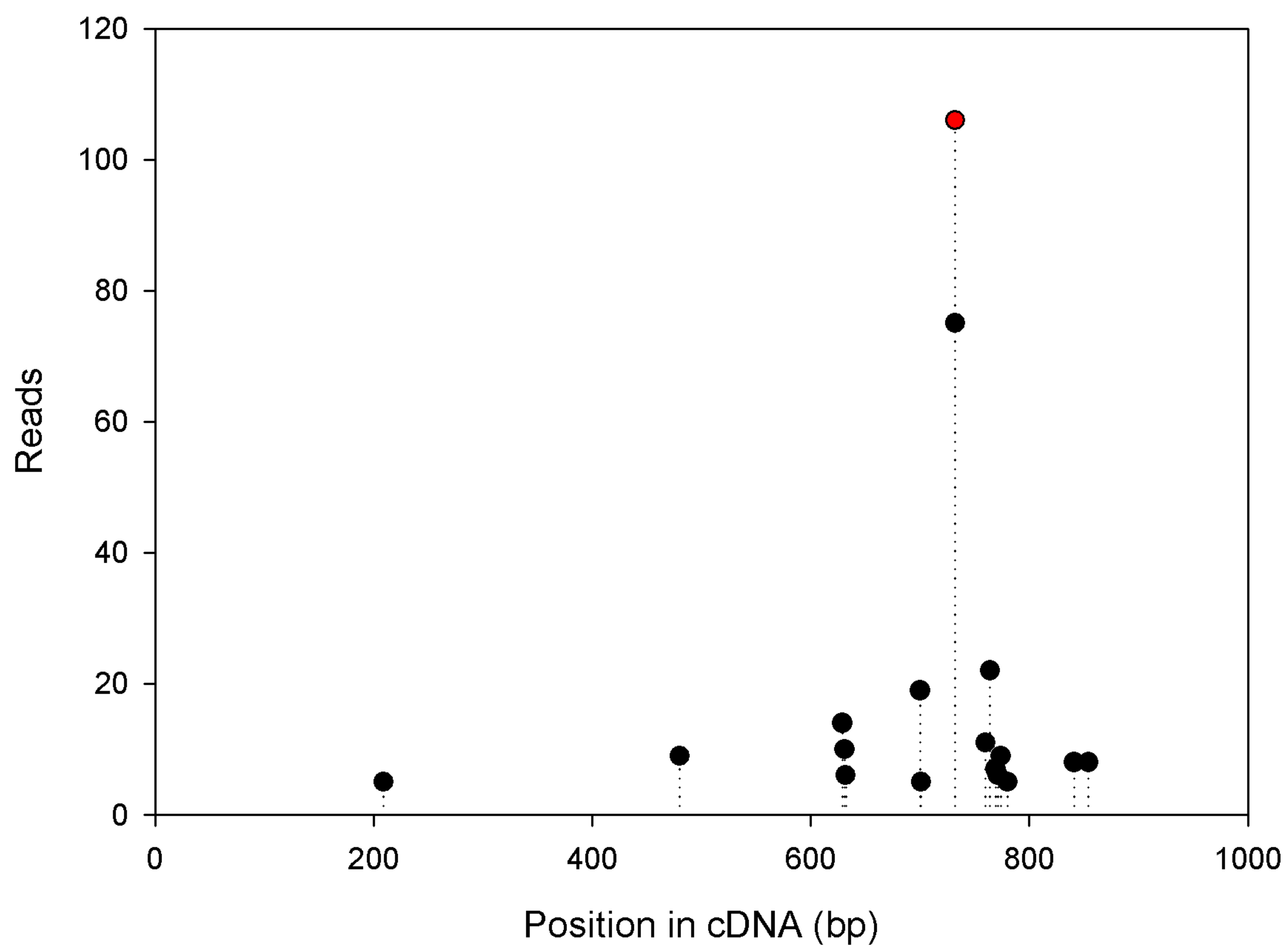
Cs7g01530.1

.....

3' AAUACUAUUAGGAUGAAGGUU----- 5'

Csi-miR482a-3p-Cs5g18480.1-15

Csi-miR482a-3p-Cs5g18480.1-18, target=Cs3g05730.1 gene=Cs3g05730
 Category:1
 Score:5
 Cleavage site:732



5' CUUGAAUCUUCAGCCU-GUACAGCUUA 3'

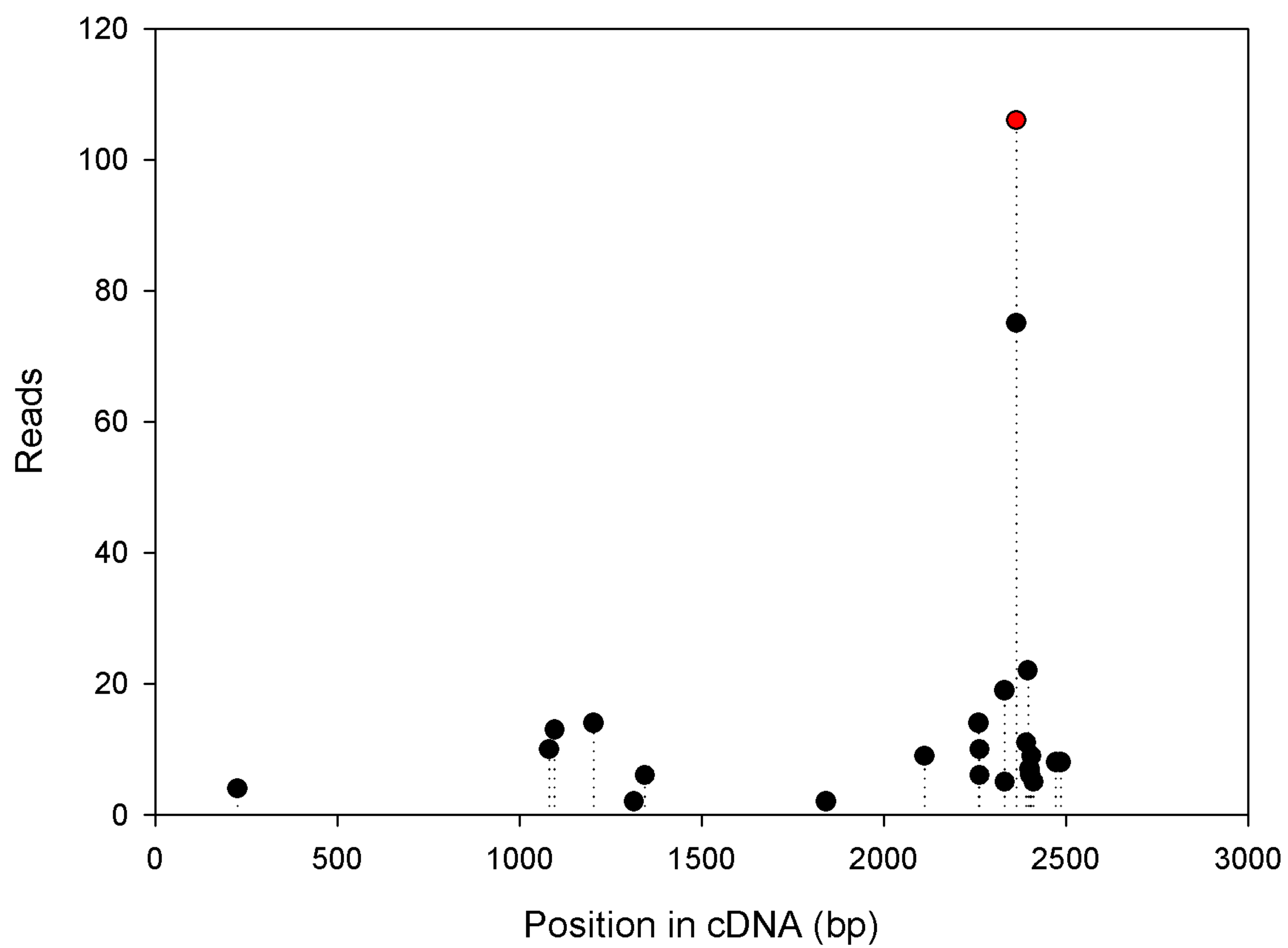
Cs3g05730.1

:.:.: :.:.:.:.:.: :.:.:.:

3' -AAUUAAGGAGUUGGAGCAUGU----- 5'

Csi-miR482a-3p-Cs5g18480.1-18

Csi-miR482a-3p-Cs5g18480.1-18, target=Cs3g06120.1 gene=Cs3g06120
 Category:1
 Score:5
 Cleavage site:2364



5' CUUGAAUCUUCAGCCU-GUACAGCUUA 3'

Cs3g06120.1

.....

3' -AAUUAAGGAGUUGGAGCAUGU----- 5'

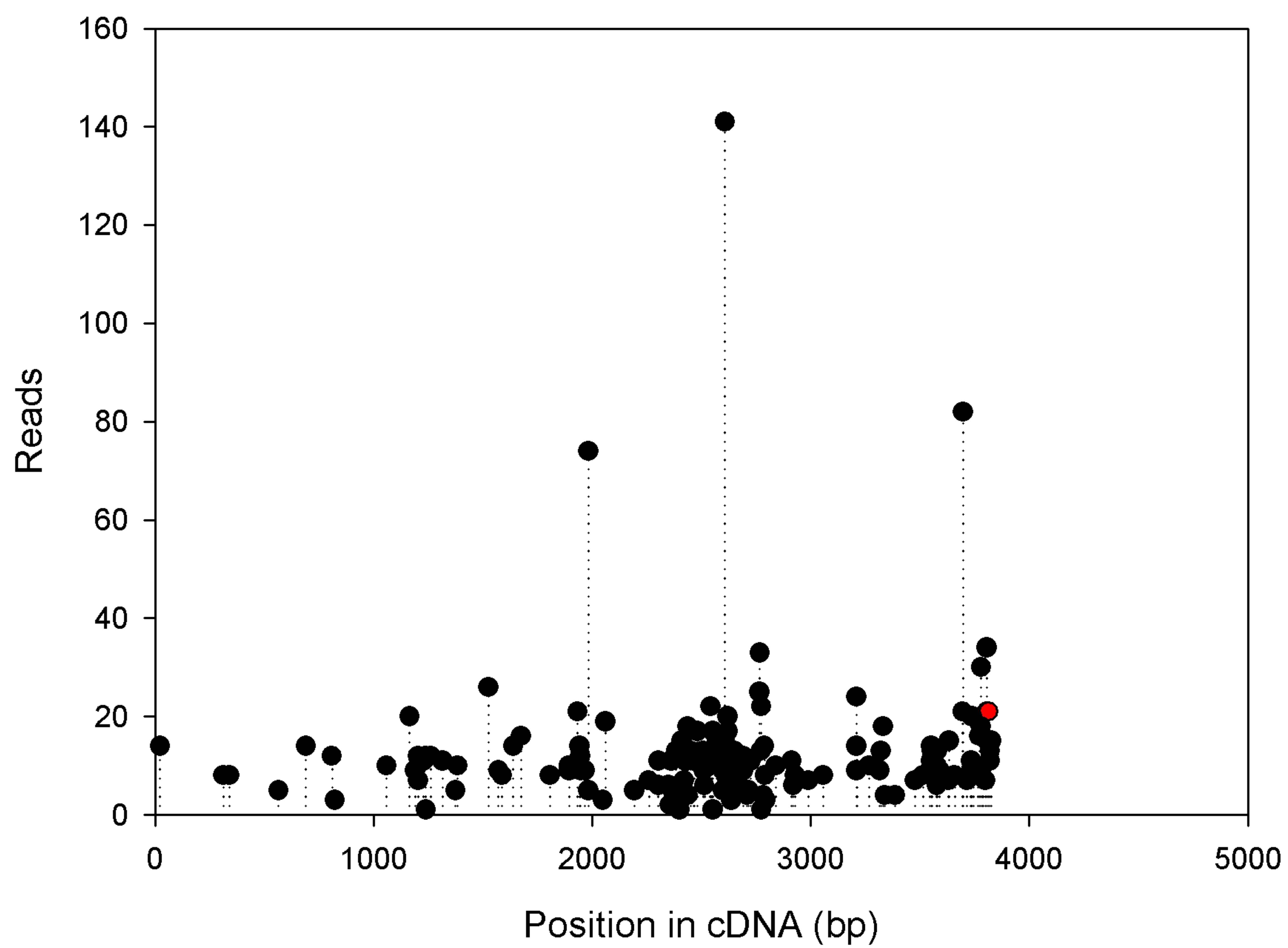
Csi-miR482a-3p-Cs5g18480.1-18

Csi-miR482a-3p-Cs5g18480.1-20, target=Cs9g03090.1 gene=Cs9g03090

Category:3

Score:3.5

Cleavage site:3813



5' UUGUGAUUGUAUUUAAACUGAAUUU 3'

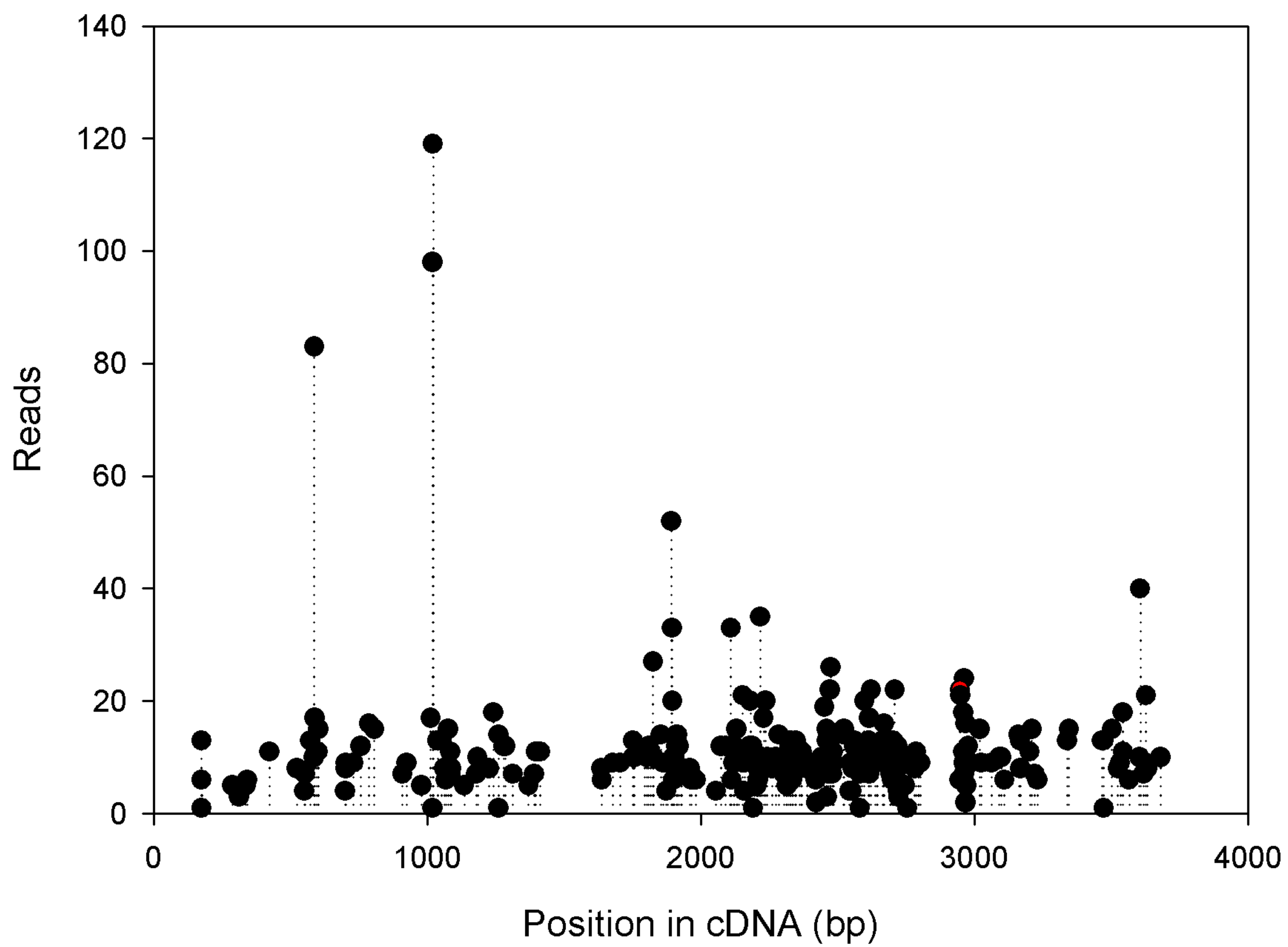
Cs9g03090.1

... ..

3' ---ACUCCGUAAAUUUGACUUUU-- 5'

Csi-miR482a-3p-Cs5g18480.1-20

Csi-miR482a-3p-Cs5g18480.1-77, target=Cs7g19320.2 gene=Cs7g19320
 Category:3
 Score:4.5
 Cleavage site:2948



5' AAAUGCAGGUGUUUUCUAUUGCGGGG 3'

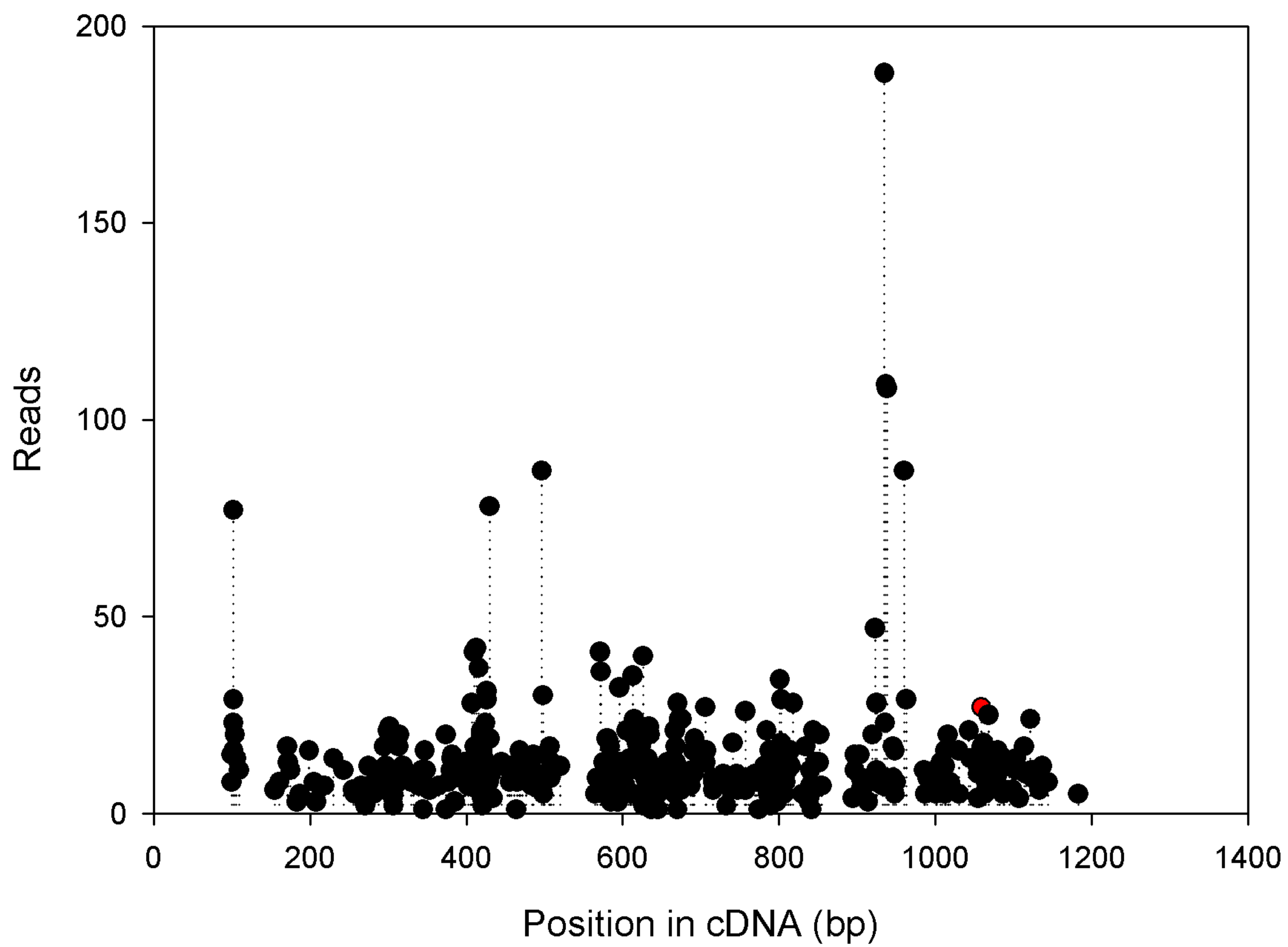
Cs7g19320.2

... ..

3' --UACCGUCA-AGAAGAUACGCC-- 5'

Csi-miR482a-3p-Cs5g18480.1-77

Csi-miR482a-3p-Cs5g19920.1-36, target=Cs4g03050.1 gene=Cs4g03050
Category:3
Score:4
Cleavage site:1059



```
5' AAAAUAAUCAACAAGA-CACUUA AAAA 3'  
  : : : : : : : : : : : : : : : :  
3' --UGAAUAGUUGUUCUAGUGAAU---- 5'
```

Cs4g03050.1

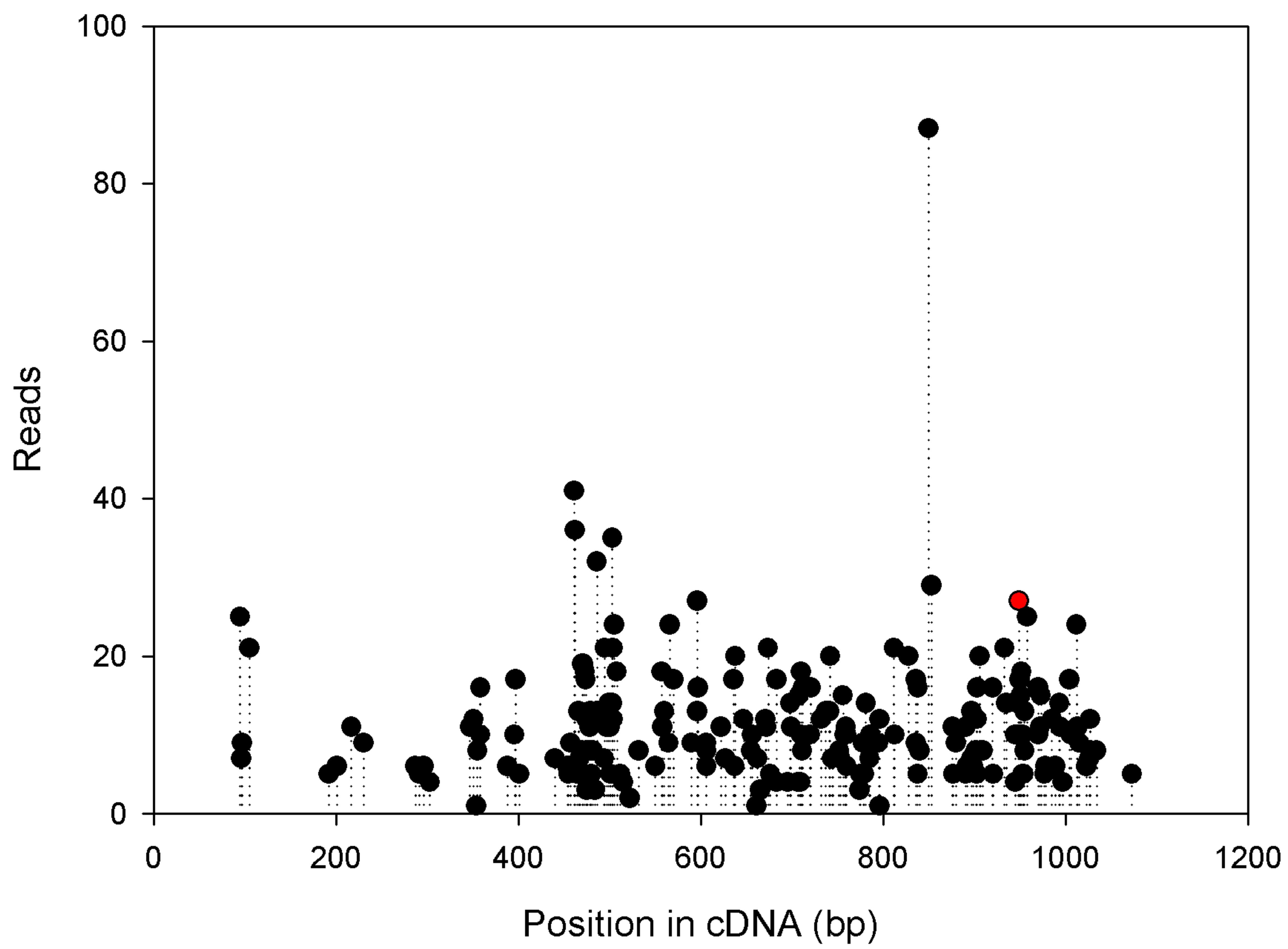
Csi-miR482a-3p-Cs5g19920.1-36

Csi-miR482a-3p-Cs5g19920.1-36, target=Cs4g03140.1 gene=Cs4g03140

Category:3

Score:4

Cleavage site:949



5' AAAAUAAUCAACAAGA-CACUAAAAAAAA 3'

: :

3' --UGAAUAGUUGUUCUAGUGAAU---- 5'

Cs4g03140.1

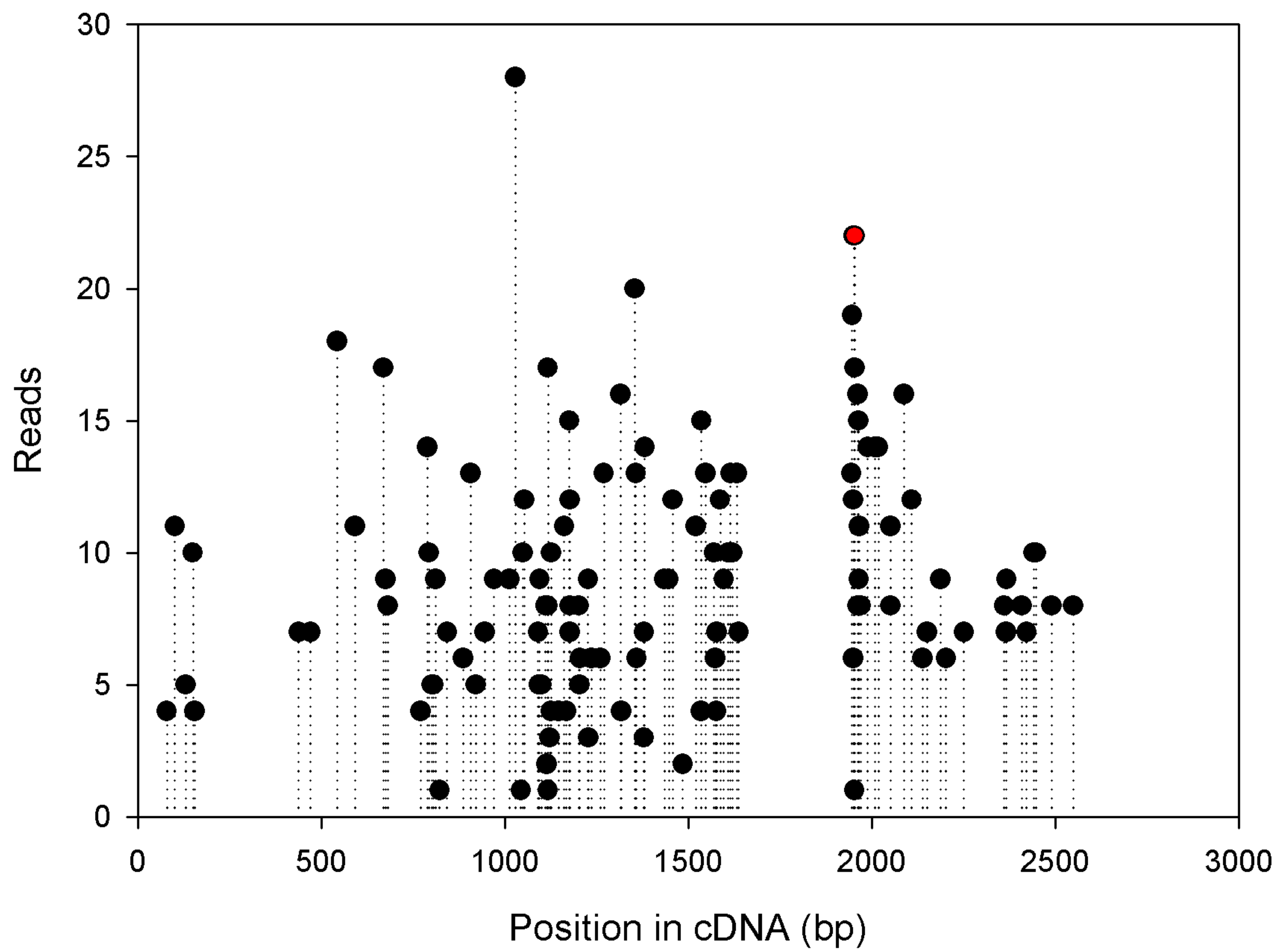
Csi-miR482a-3p-Cs5g19920.1-36

Csi-miR482c-Cs9g06846.1-15, target=Cs1g16450.1 gene=Cs1g16450

Category:2

Score:5

Cleavage site:1954



5' UACAAUGG-UAUCAUAUUAUGGCACAG 3'

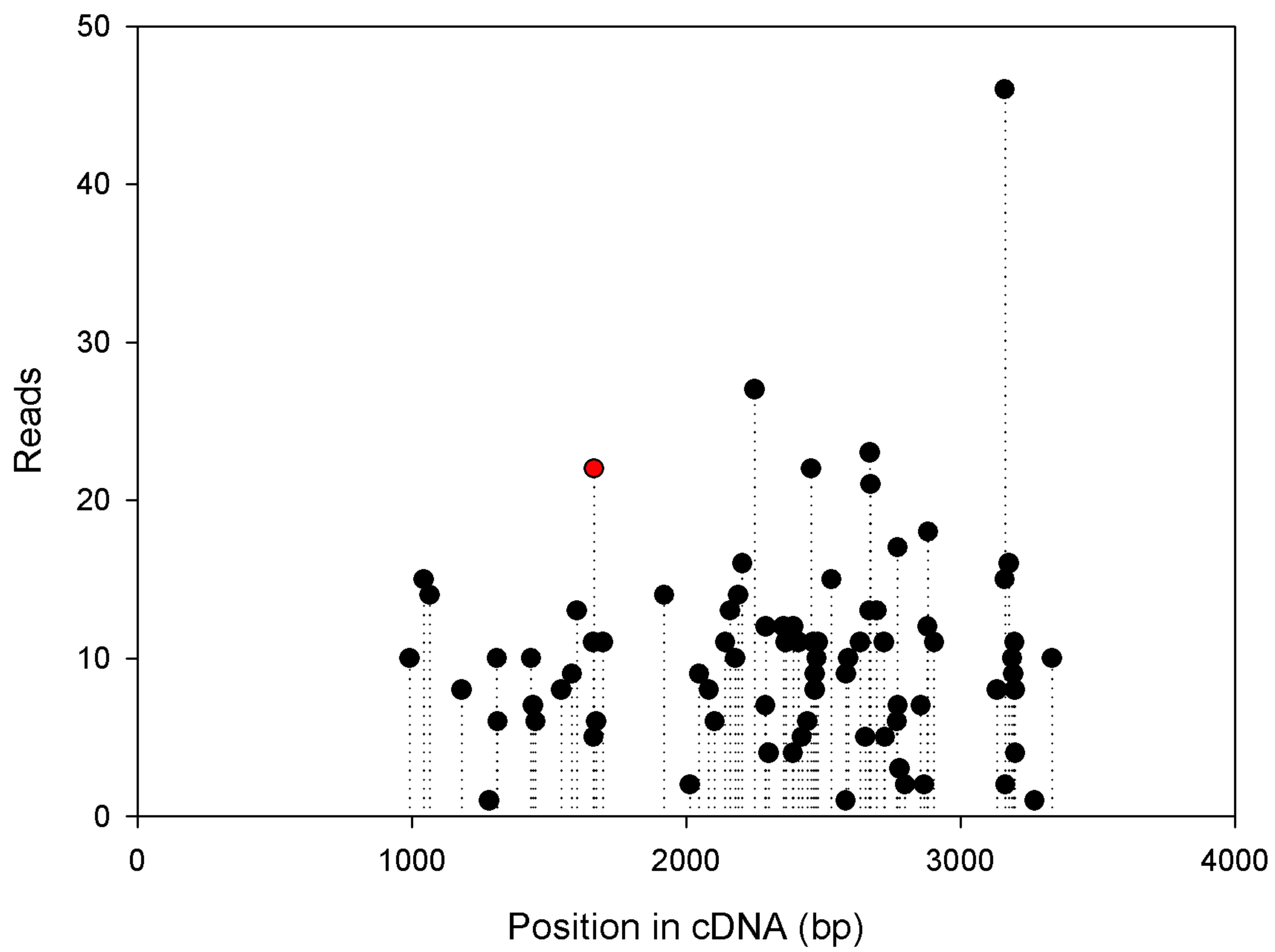
Cs1g16450.1

::: :::: ::::::::::: ::

3' AUGGUACCUAUAGUAUAAGAC----- 5'

Csi-miR482c-Cs9g06846.1-15

Csi-miR482c-Cs9g06846.1-22, target=Cs5g19660.1 gene=Cs5g19660
 Category:3
 Score:5
 Cleavage site:1665



5' AGCUUUAU-UAUCUCA AUGCUGGAGGA 3'
 ::::: ::::: ::
 3' -CGGGAUAGAUAGAGUUAGGAA----- 5'

Cs5g19660.1

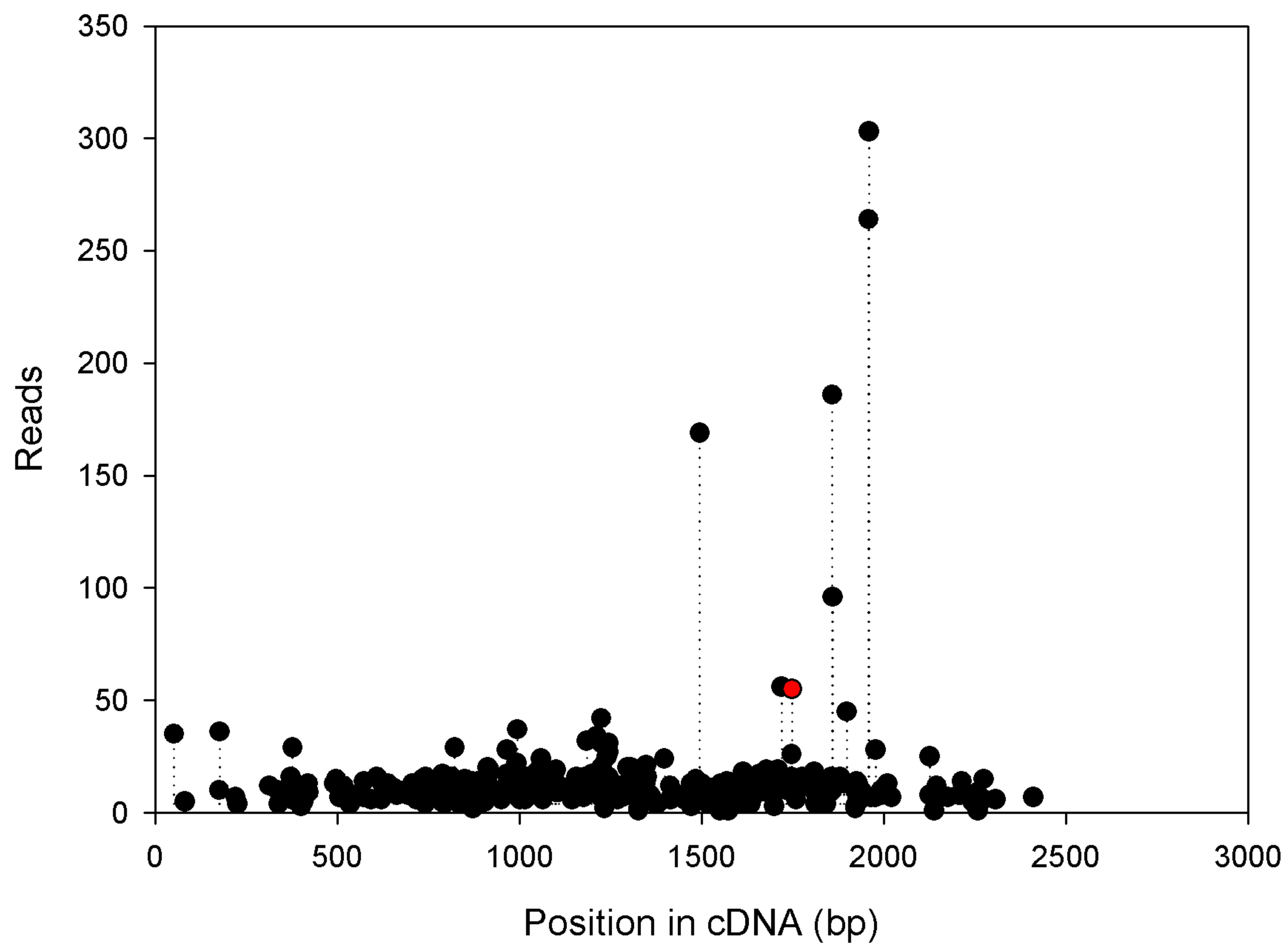
Csi-miR482c-Cs9g06846.1-22

Csi-miR482c-Cs9g06846.1-5, target=Cs9g08050.1 gene=Cs9g08050

Category:3

Score:5

Cleavage site:1748

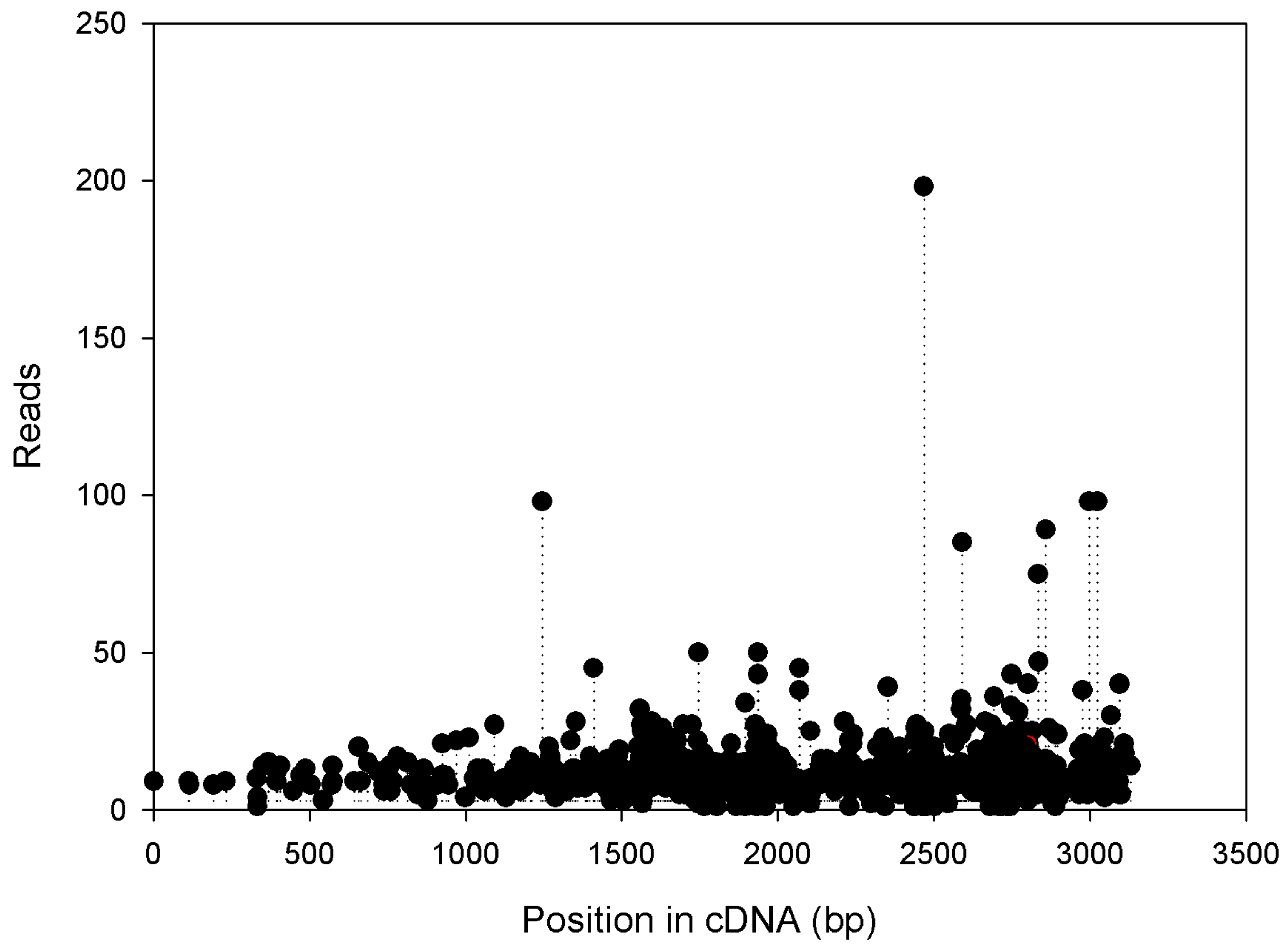


```
5' GAAGGAAUGGAUGGAUGAGAUUCUUU 3'  
  :: : :::::::::::::::::::::  
3' -UUACACACCUACUUAUUCUAA---- 5'
```

Cs9g08050.1

Csi-miR482c-Cs9g06846.1-5

Csi-miRN20-Cs3g05320.1-23, target=Cs7g19800.1 gene=Cs7g19800
 Category:3
 Score:4.5
 Cleavage site:2805



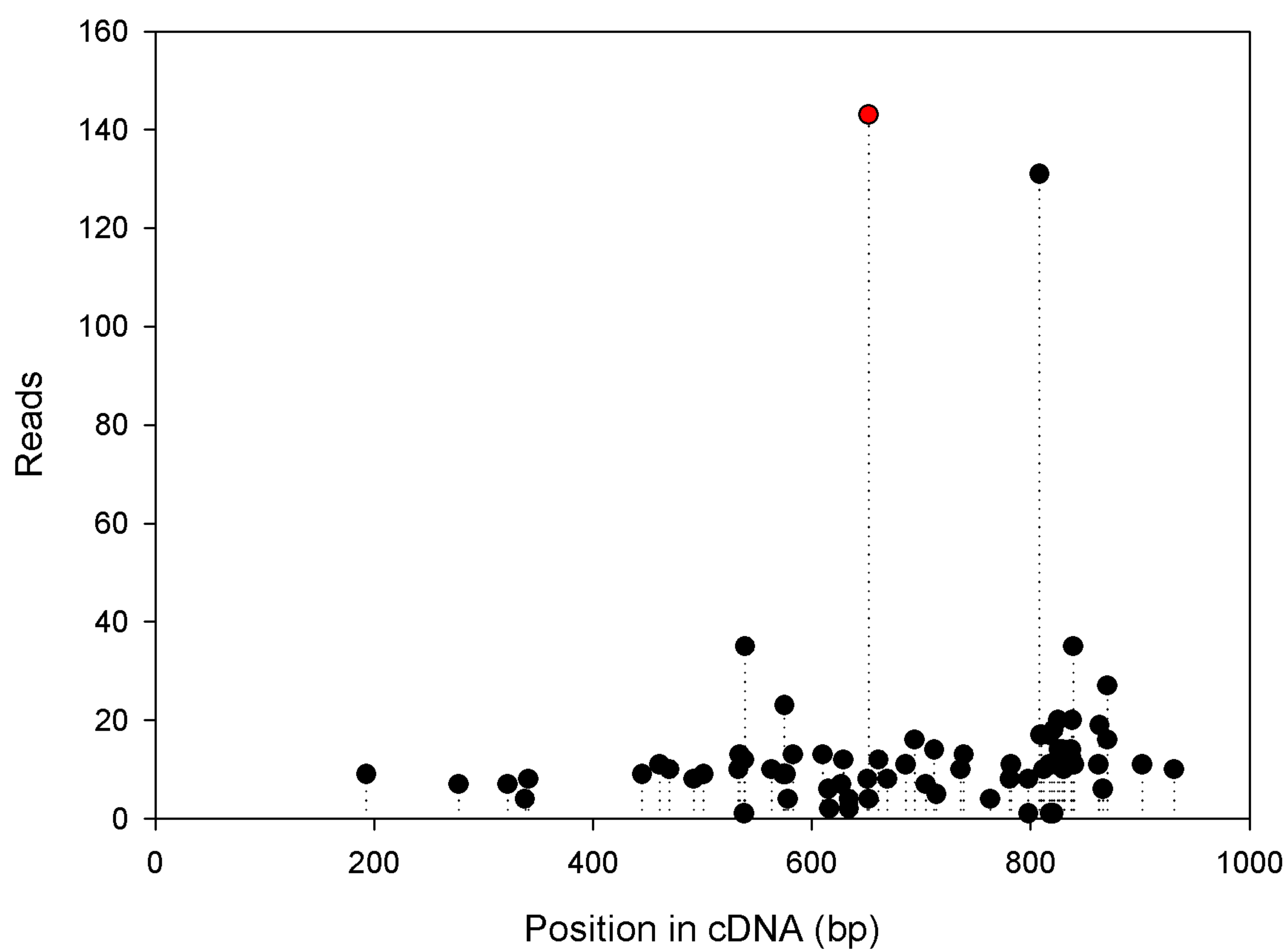
5' UGUUGUUUGUACUCCAUUUUGAUUU 3'

 3' --UAUGAG-AUGAAGGUAAGACUA-- 5'

Cs7g19800.1

Csi-miRN20-Cs3g05320.1-23

Csi-miRN20-Cs3g05320.1-24, target=Cs1g12760.1 gene=Cs1g12760
Category:1
Score:4.5
Cleavage site:652



5' UAUGUCGGC-UGGGUGACUAUUAUCAU 3'
 : : : : : : : : : : : : : : : : :
3' -----GUUGUAGUCAUUGAUAAUAGU- 5'

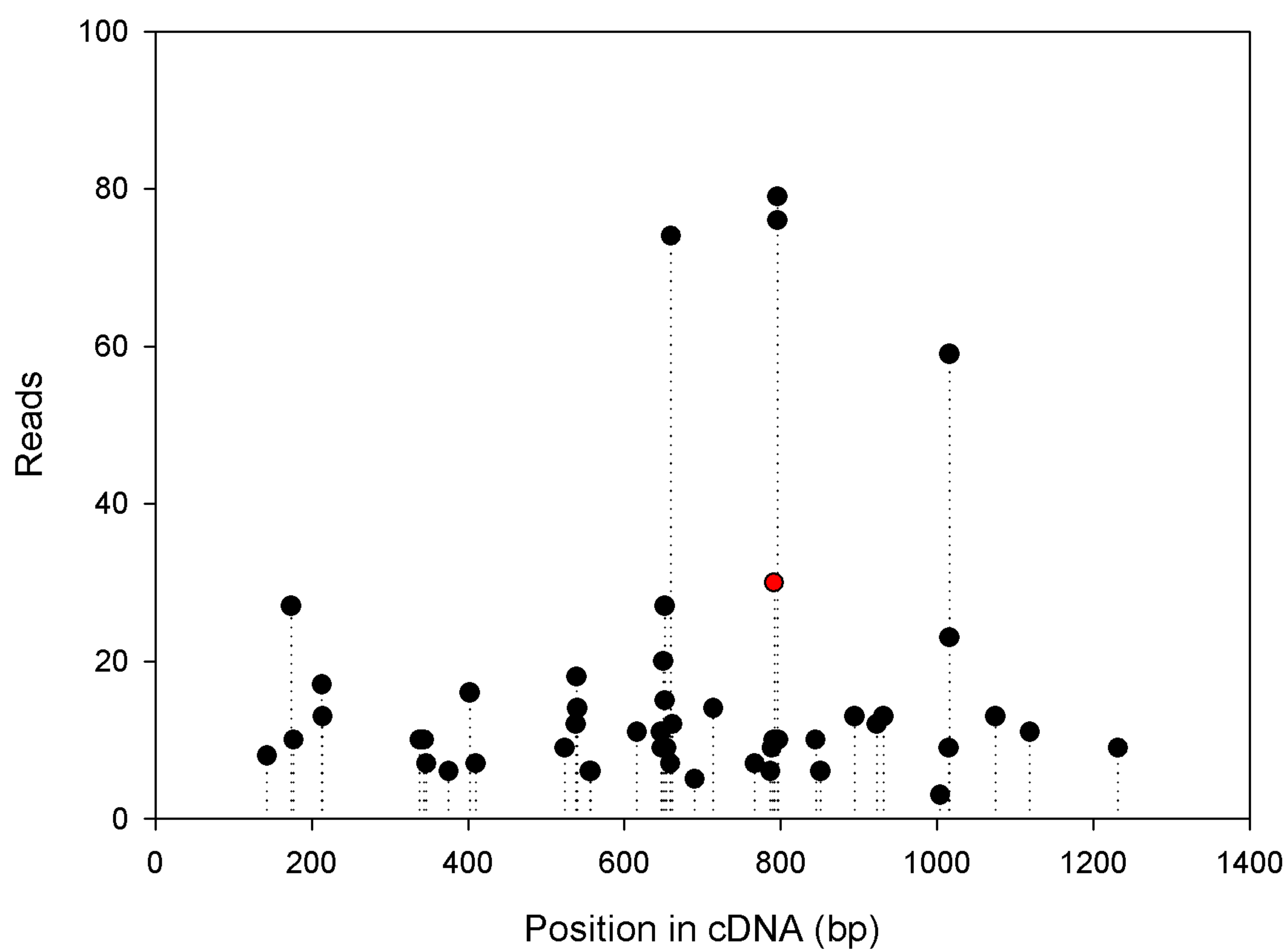
Cs1g12760.1
Csi-miRN20-Cs3g05320.1-24

Csi-miRN20-Cs3g05320.1-26, target=Cs1g15370.1 gene=Cs1g15370

Category:3

Score:4.5

Cleavage site:792



5' UACAAUCAU-UCUCUGC UUUCCGCAGA 3'

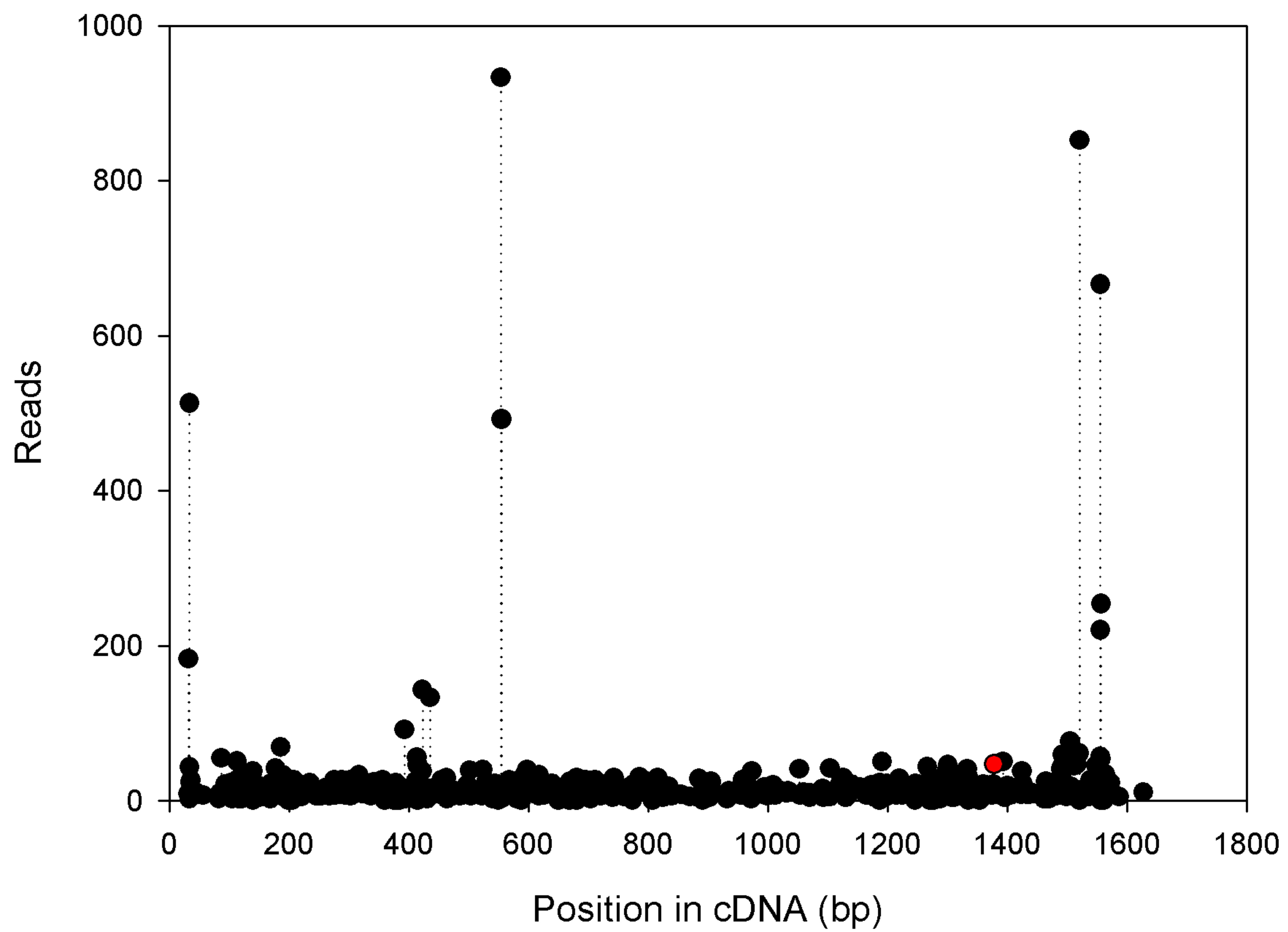
Cs1g15370.1

..... :

3' --GUUAGAAGAGAGACAAAAGGU---- 5'

Csi-miRN20-Cs3g05320.1-26

Csi-miRN20-Cs3g05320.1-26, target=Cs3g15060.1 gene=Cs3g15060
 Category:3
 Score:5
 Cleavage site:1378



```
5' CAAAUU-UUUCUGUUUUCUAUUUUGA 3'
   :::  ::  :::::::::::::::
3' GUUAGAAGAGAGACAAAAGGU----- 5'
```

Cs3g15060.1

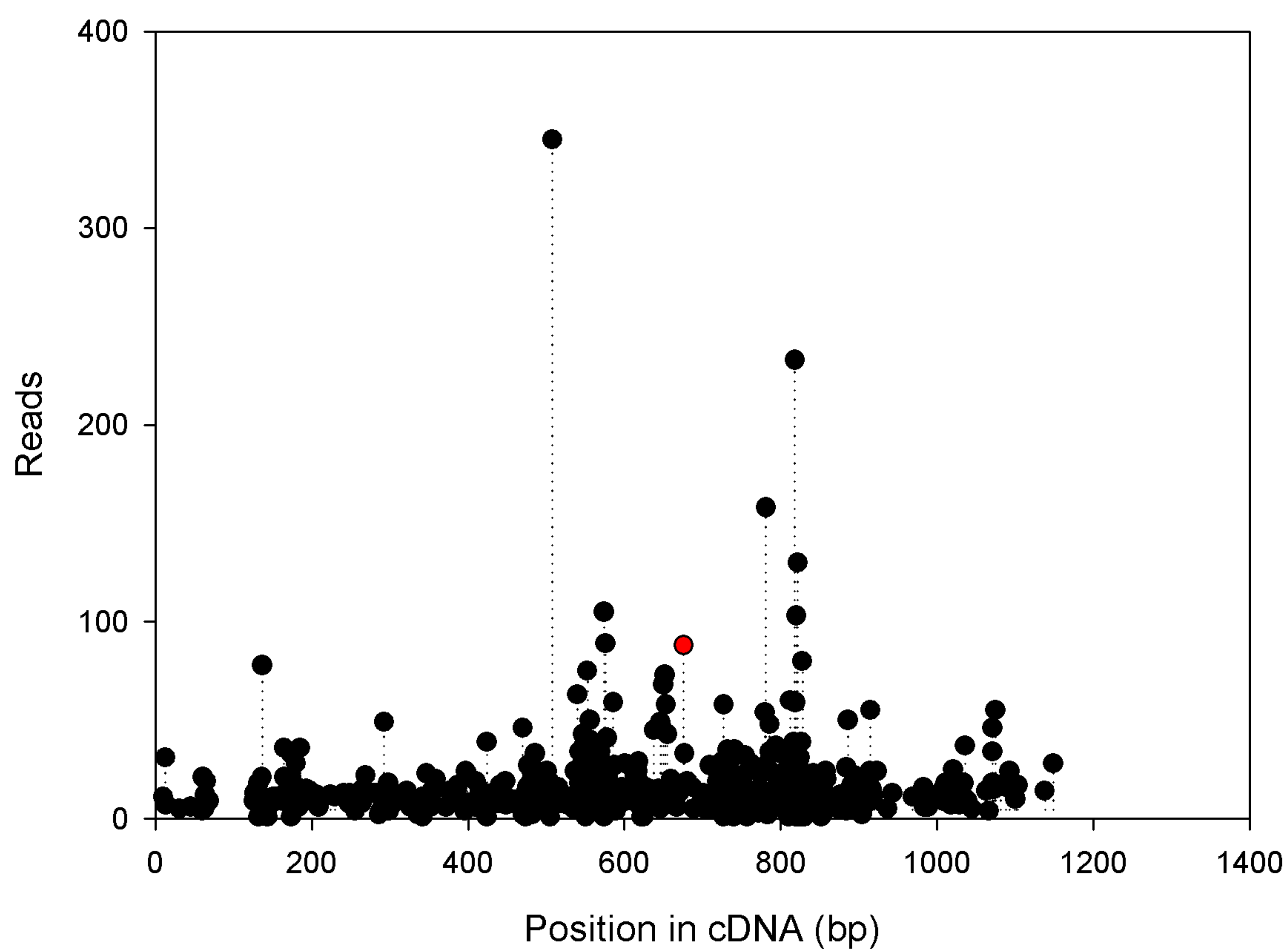
Csi-miRN20-Cs3g05320.1-26

Csi-miRN20-Cs3g05320.1-26, target=Cs6g18830.1 gene=Cs6g18830

Category:3

Score:5

Cleavage site:676



5' UGCACUCAACUUCUCUGUUUUCUACU 3'

Cs6g18830.1

:: :: : :::::::::::::::

3' --GUUAGAAG-AGAGACAAAAGGU-- 5'

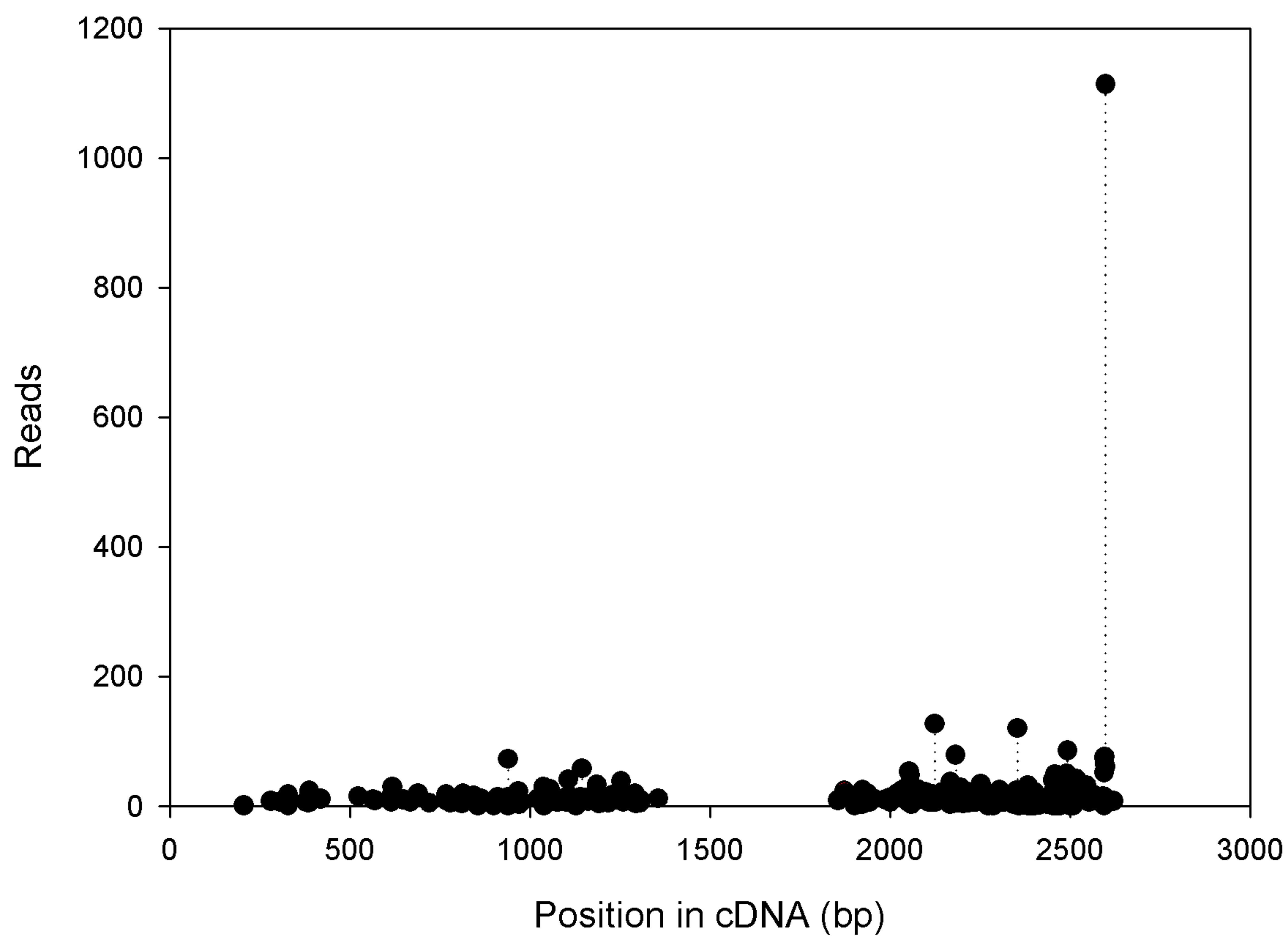
Csi-miRN20-Cs3g05320.1-26

Csi-miRN20-Cs3g05320.1-36, target=Orange1.1t00530.2 gene=Orange1.1t00530

Category:3

Score:5

Cleavage site:1873

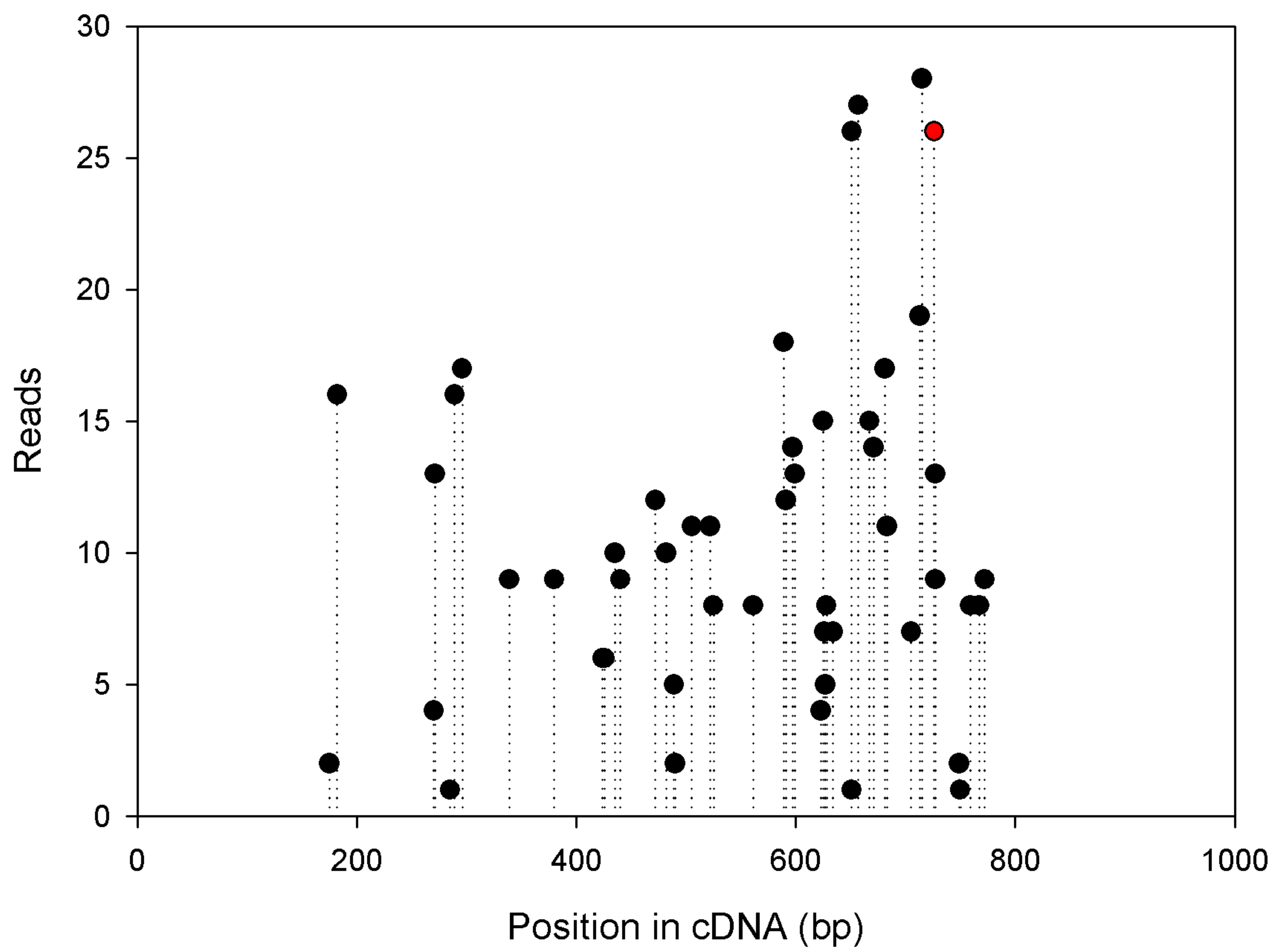


```
5' AUAUCCAAGCA-GCGUGGAAGAUGGAA 3'  
   ::::: :::::::::::::::::::::  
3' -----UUCGUACGUACCUUCUGUCUG 5'
```

Orange1.1t00530.2

Csi-miRN20-Cs3g05320.1-36

Csi-miRN20-Cs3g05320.1-4, target=Cs5g18400.1 gene=Cs5g18400
 Category:2
 Score:5
 Cleavage site:726

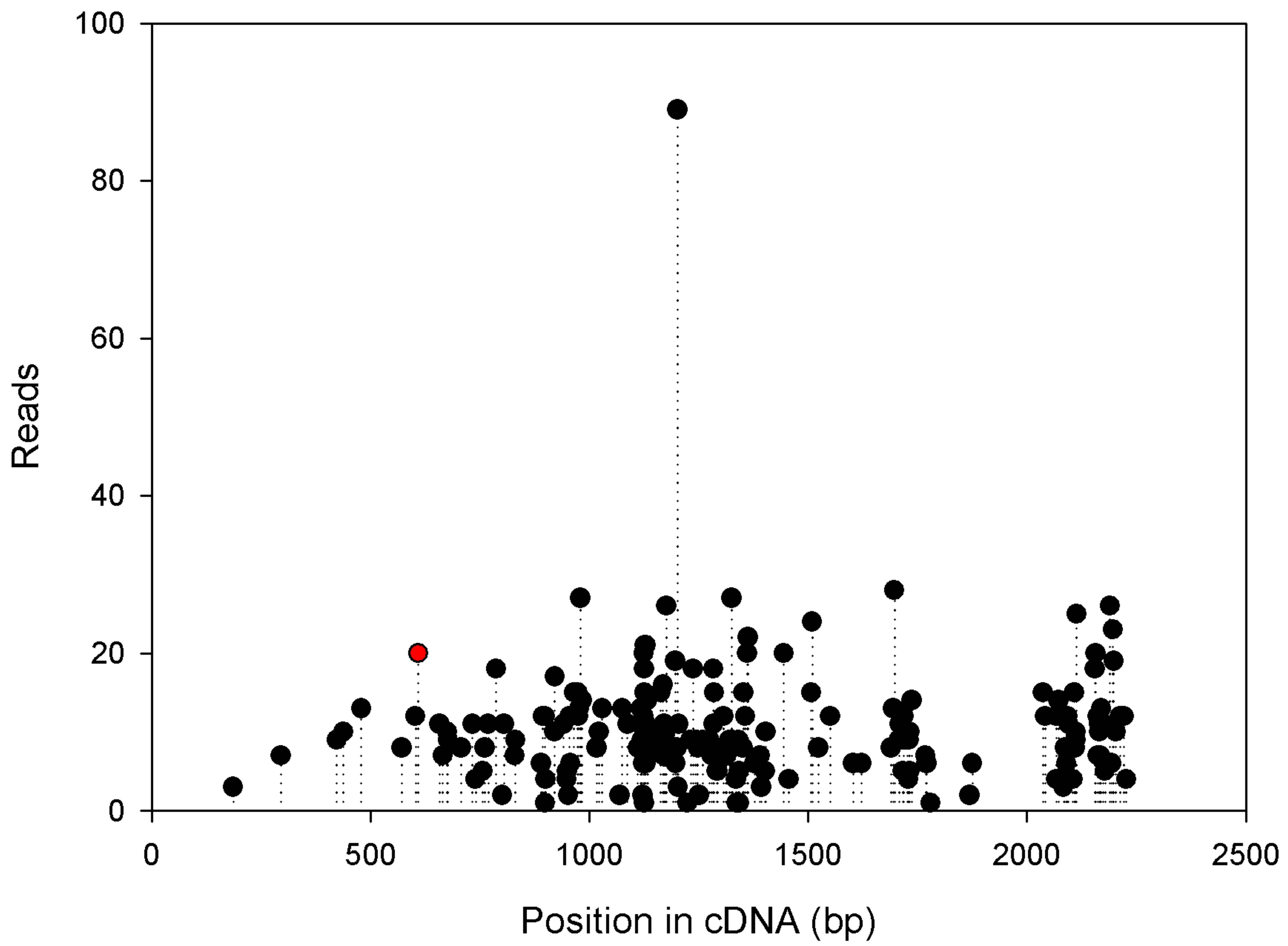


5' CUACUGAUUAAUGAAUUUUACUGU 3'
 ::::::::::: :::::::::::
 3' ---CAUUAUAGUUAC-UAAAAUGAA- 5'

Cs5g18400.1

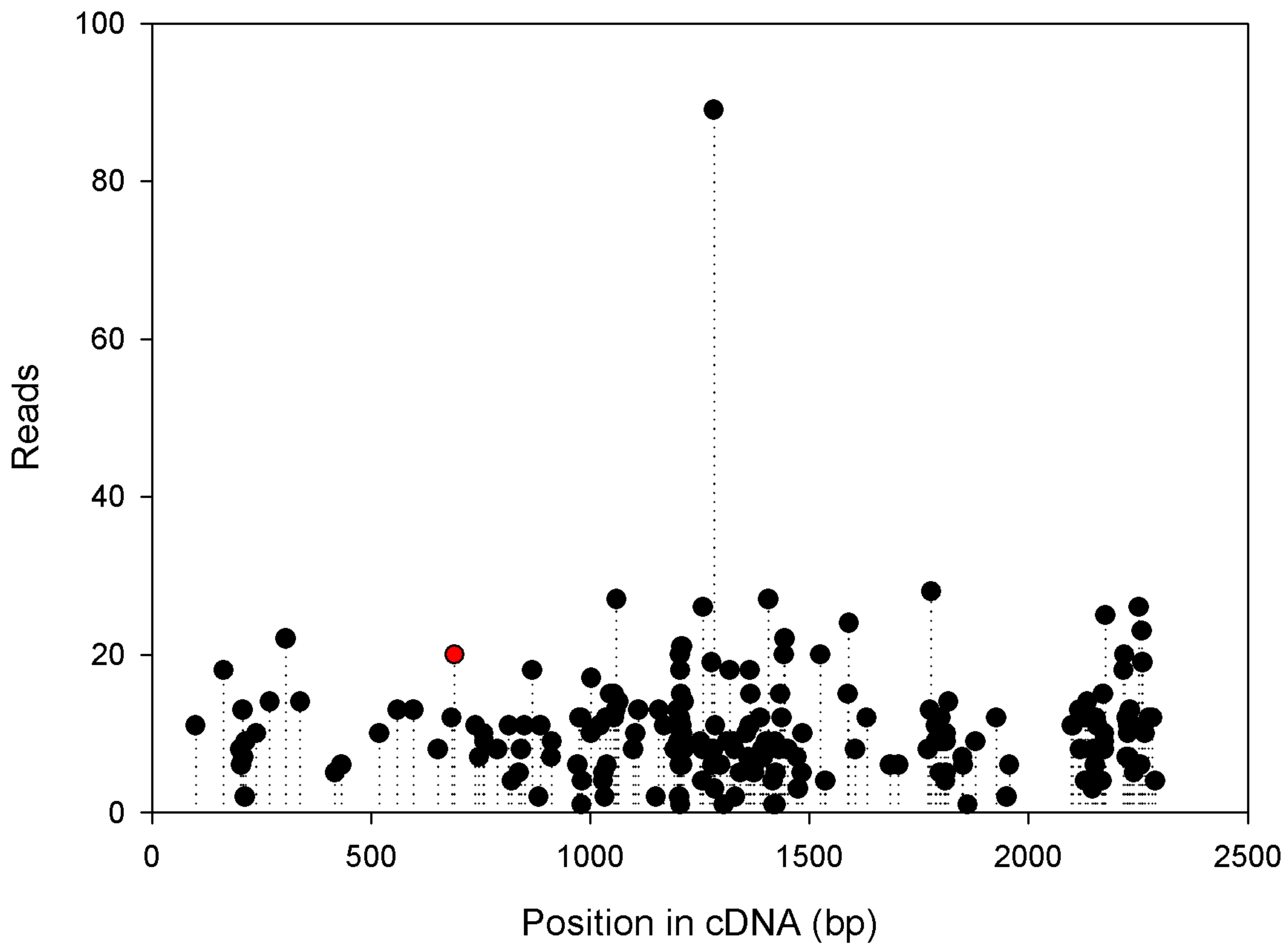
Csi-miRN20-Cs3g05320.1-4

Csi-miRN20-Cs3g05320.1-65, target=Cs3g01450.1 gene=Cs3g01450
 Category:3
 Score:4.5
 Cleavage site:609



5'	GACUUCUAU-UUCCAAAUGUACUAUGA	3'	Cs3g01450.1
	:: .:: :::::::::::::: ::::		
3'	---AACGUAGAAGGUUUACAGGAU---	5'	Csi-miRN20-Cs3g05320.1-65

Csi-miRN20-Cs3g05320.1-65, target=Orange1.1t01632.1 gene=Orange1.1t01632
 Category:3
 Score:4.5
 Cleavage site:690



```

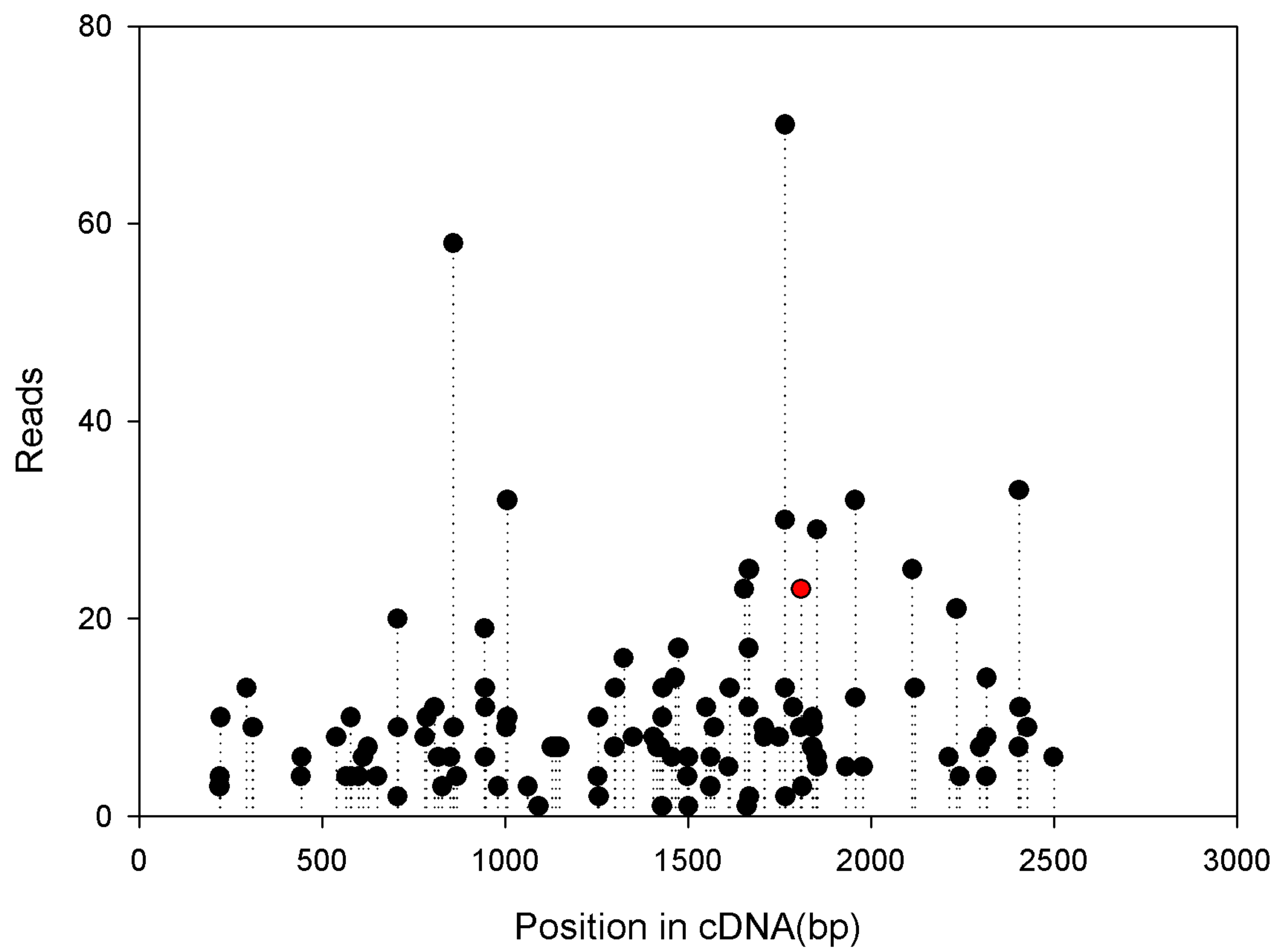
5' GACUUCUAU-UUCCAAAUGUACUAUGA 3'
   :: .:: :::::::::::::: ::::
3' ---AACGUAGAAGGUUUACAGGAU--- 5'
  
```

Orange1.1t01632.1

Csi-miRN20-Cs3g05320.1-65

**T-plots for targets of
secondary siRNAs
in flower**

Csi-miR3954a-Cs1g09635.1-5, target=Cs1g01010.1 gene=Cs1g01010
 Category:3
 Score:5
 Cleavage site:1809

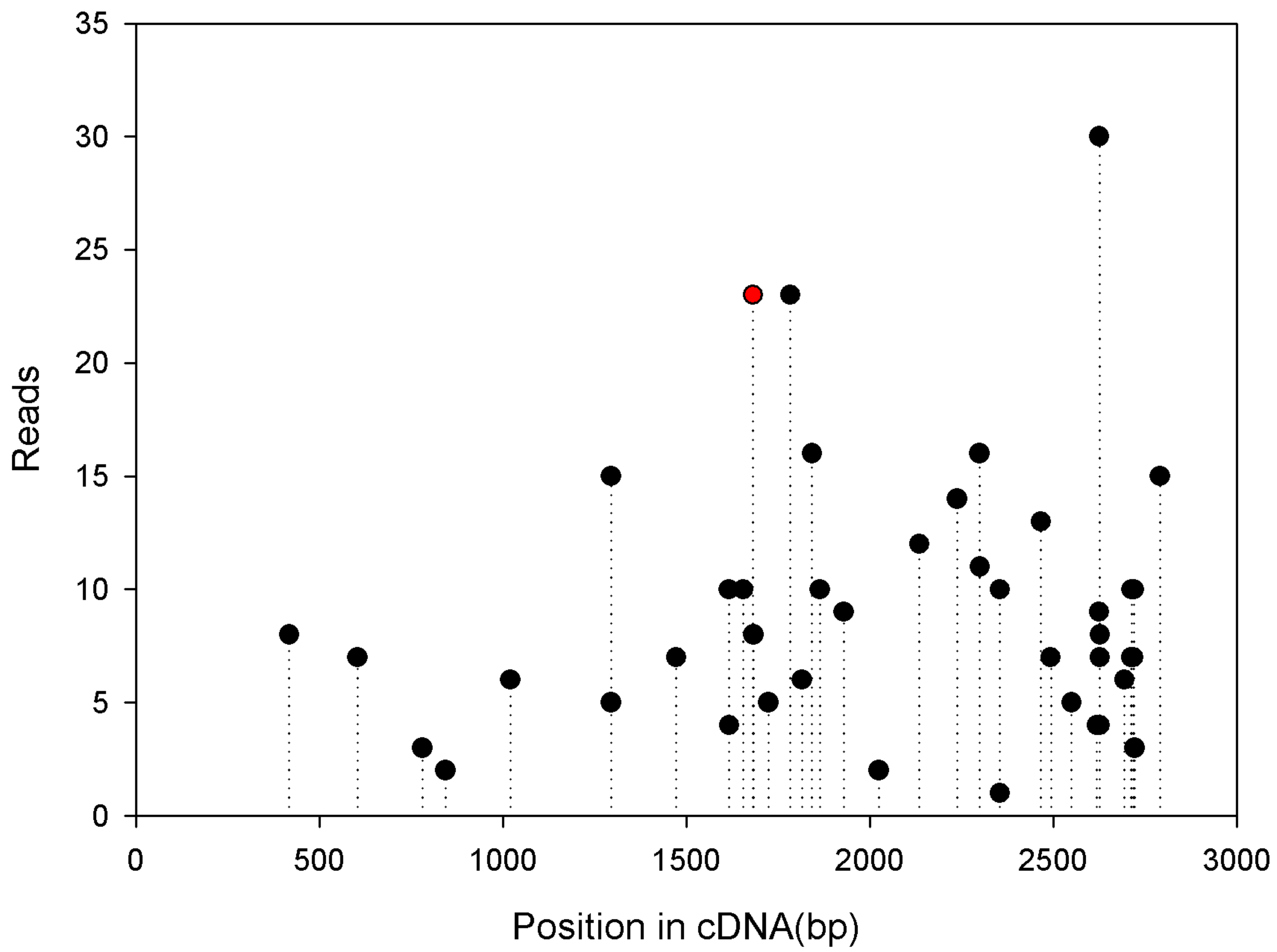


```
5' GAAGAUCUGGGA-UGCAUAUAAUGUGA 3'
   .....: .....: .....:
3' -----AGACUUUAACGUACAUAUAC- 5'
```

Cs1g01010.1

Csi-miR3954a-Cs1g09635.1-5

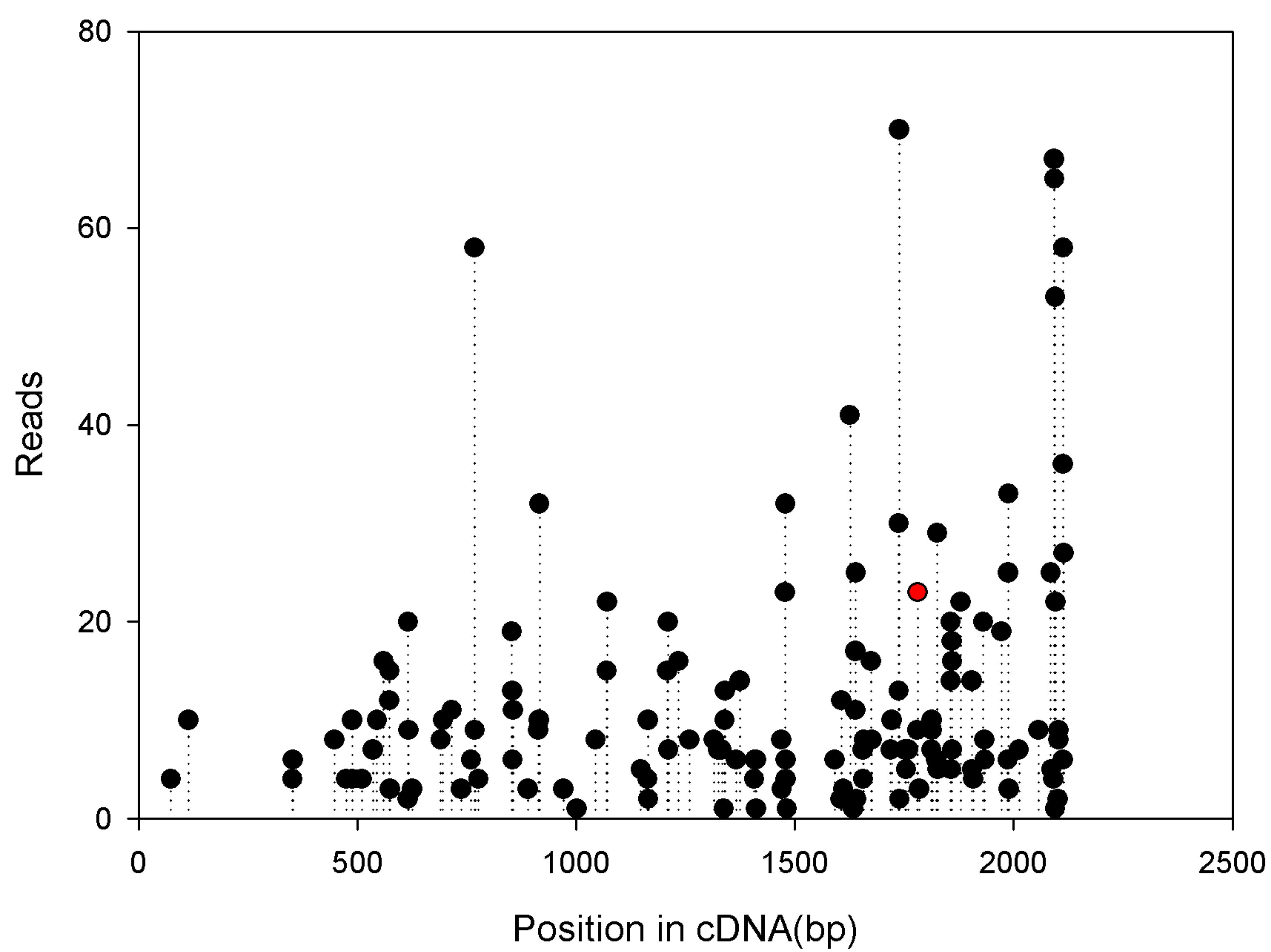
Csi-miR3954a-Cs1g09635.1-5, target=Cs5g24790.1 gene=Cs5g24790
 Category:2
 Score:5
 Cleavage site:1682



5' AGAACACAGAAAUGCAUG-AAUAUGC 3'
 : : : : : : : : : : : : : : : :
 3' -----AGACUUUAACGUACAUAUAC- 5'

Cs5g24790.1
 Csi-miR3954a-Cs1g09635.1-5

Csi-miR3954a-Cs1g09635.1-5, target=Orange1.1t03220.1 gene=Orange1.1t03220
Category:3
Score:5
Cleavage site:1781



5' GAAGAUCUGGGA-UGCAUAUAAUGUGA 3'
 :::..: :::: ::::..:
3' -----AGACUUUAACGUACAUUAUAC- 5'

Orange1.1t03220.1

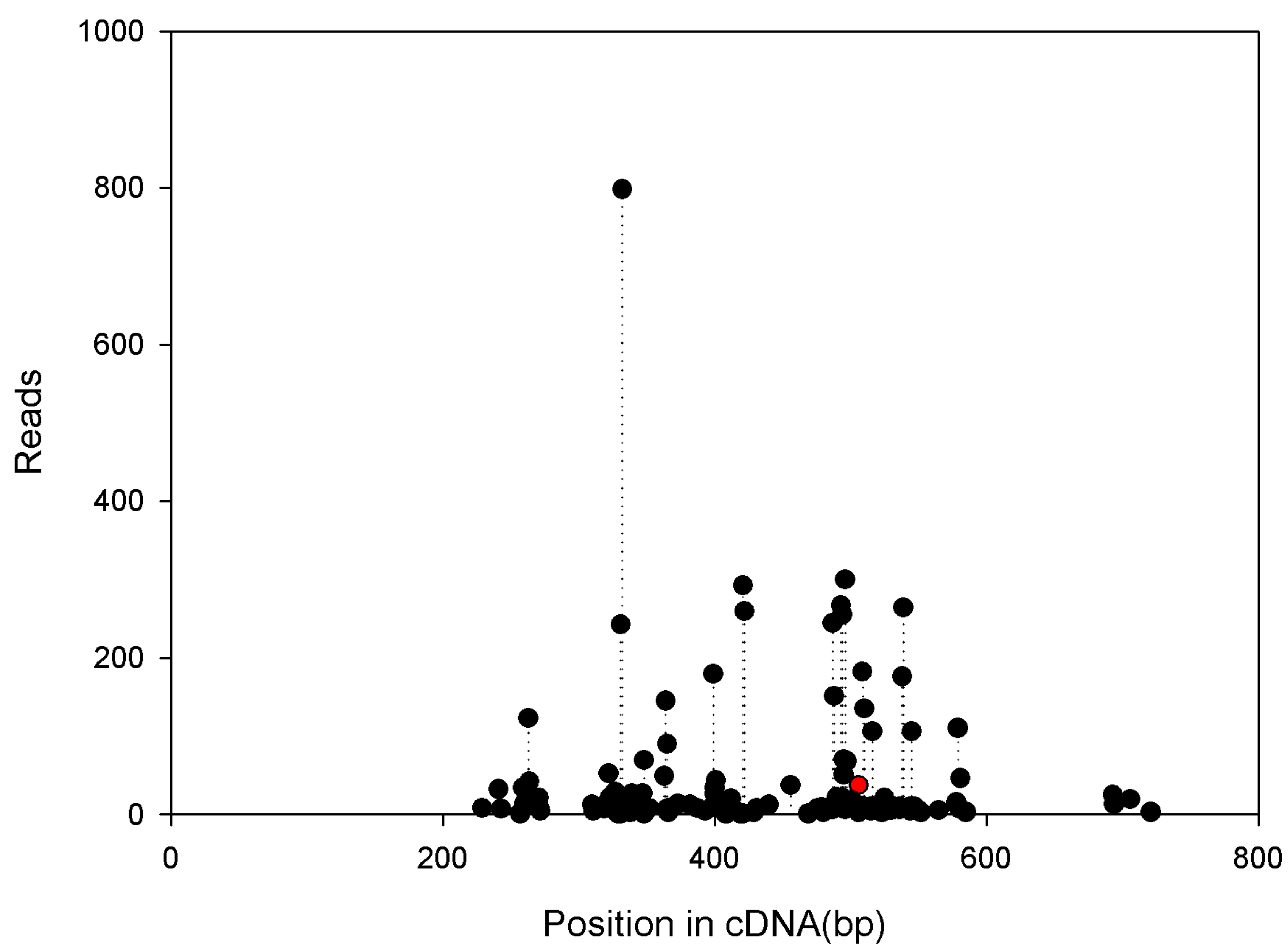
Csi-miR3954a-Cs1g09635.1-5

Csi-miR3954a-Cs1g09635.1-7, target=Cs4g11930.1 gene=Cs4g11930

Category:3

Score:3.5

Cleavage site:506



5' UCCUGAGGUUUGACCUUUGAGAAUGU 3'

Cs4g11930.1

.....

3' --GACUCCAGGCUGGAAAGUCUU--- 5'

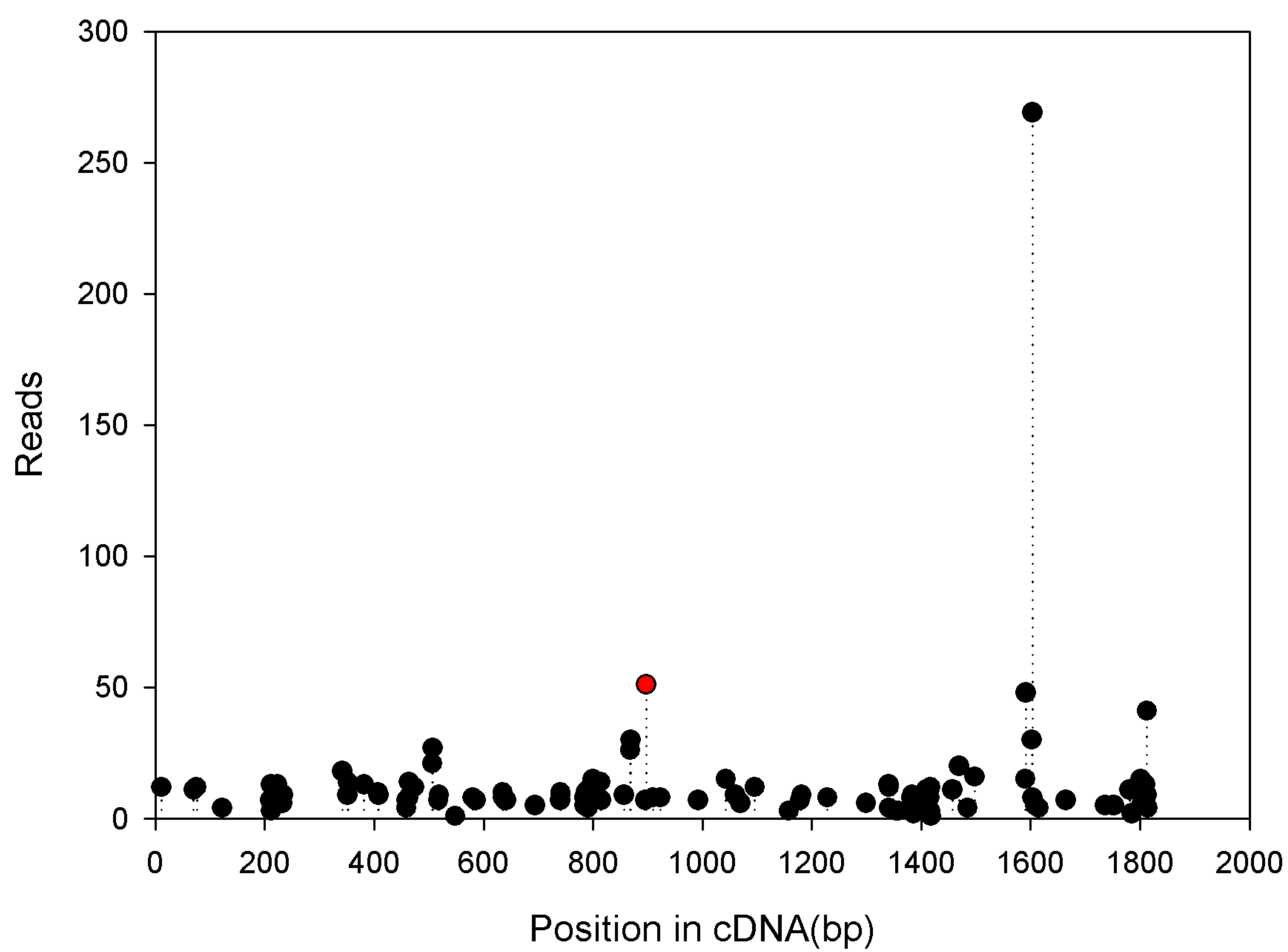
Csi-miR3954a-Cs1g09635.1-7

Csi-miR3954a-Cs1g09635.1-7, target=Cs9g18330.1 gene=Cs9g18330

Category:2

Score:5

Cleavage site:897



5' AGACUGAUGU-CGACUUUUUGGAAUCU 3'

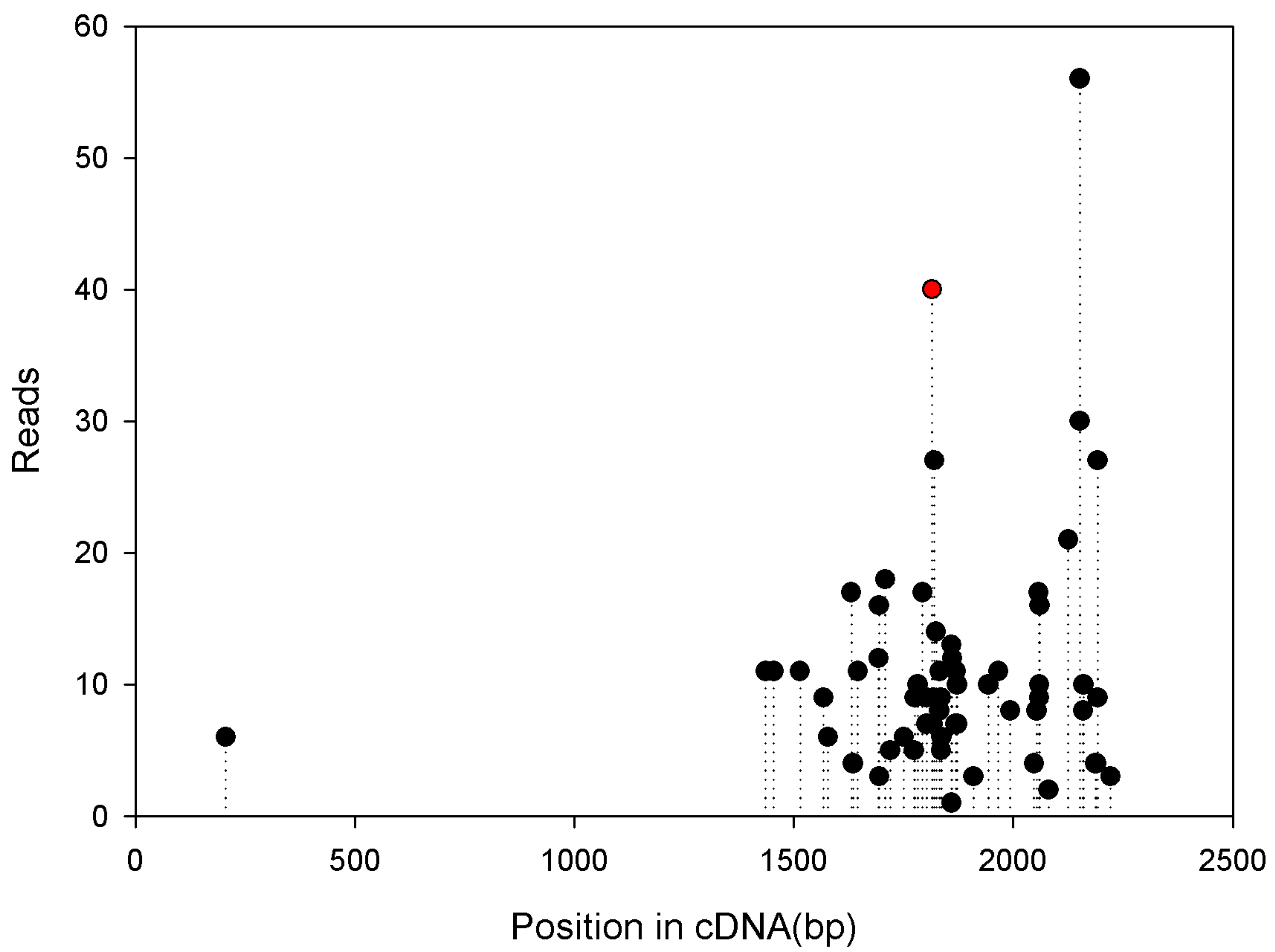
Cs9g18330.1

.....

3' ---GACUCCAGGCUGGAAAGUCUU--- 5'

Csi-miR3954a-Cs1g09635.1-7

Csi-miR3954a-Cs1g09635.1-9, target=Cs2g17600.1 gene=Cs2g17600
 Category:2
 Score:4
 Cleavage site:1815



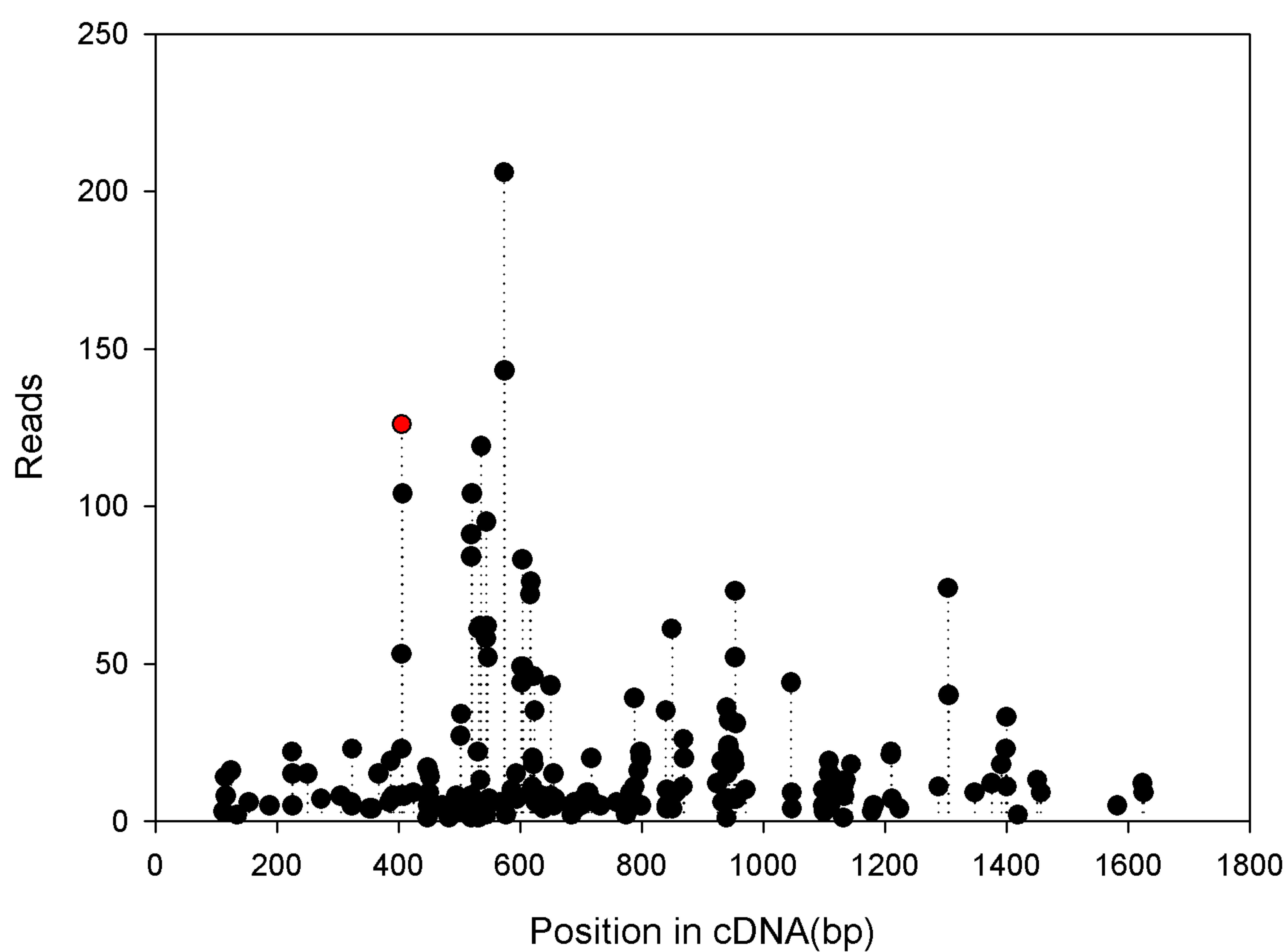
5'	CGAUGAUGC	UAUCACAAAGGCA	3'	Cs2g17600.1
	: : : : :	: : : : : : : : :		
3'	-----AAGAUAGUUUAGUGUUUCCGU	5'	Csi-miR3954a-Cs1g09635.1-9	

Csi-miR3954a-Cs1g09635.1-9, target=Cs5g11880.1 gene=Cs5g11880

Category:2

Score:5

Cleavage site:406



5' GAAUAUUC-AGAAA AUUACAAAGGCUA 3'

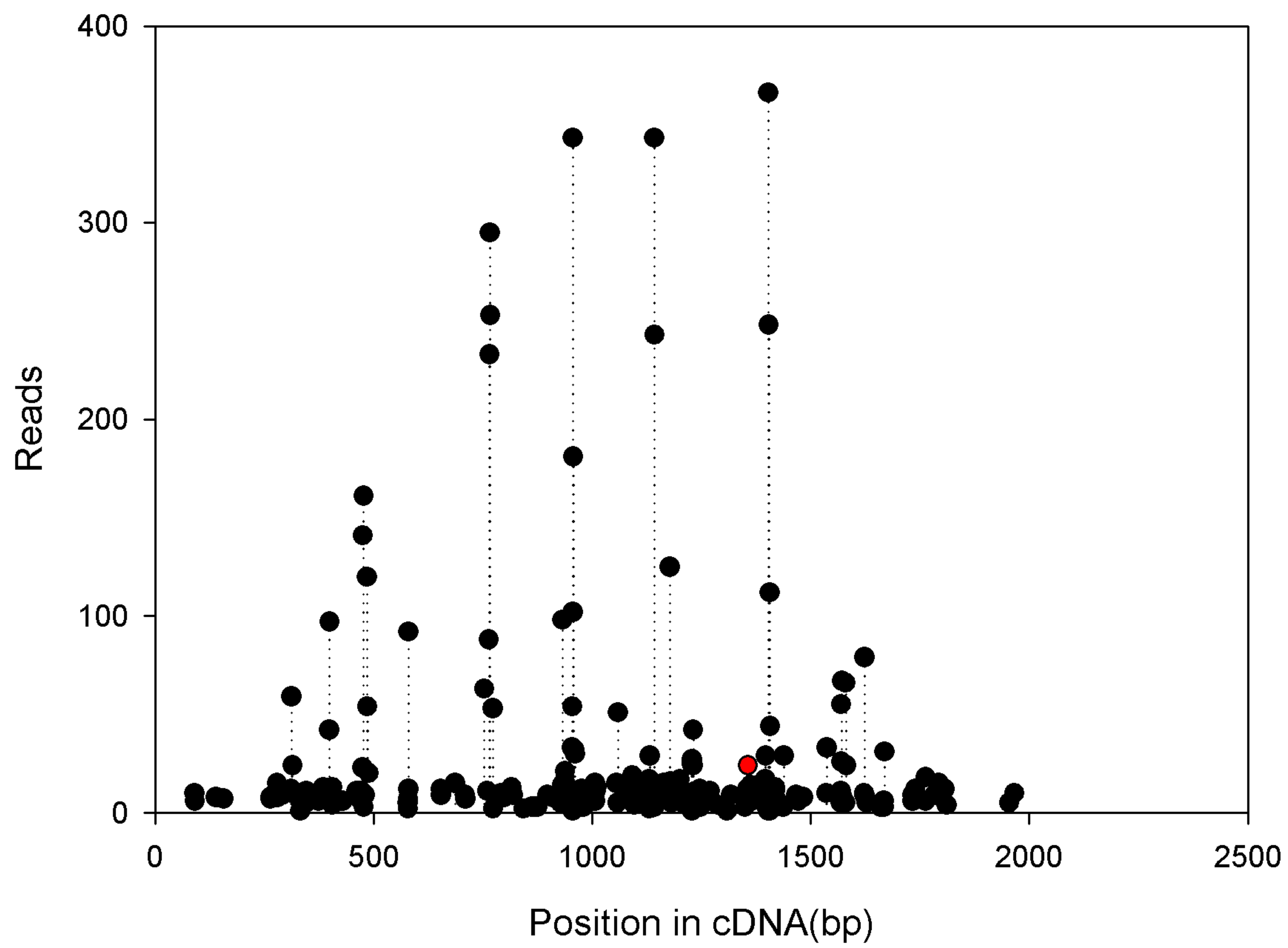
Cs5g11880.1

::: : : ::::: ::::: :::::

3' -----AAGAUAGUUUAGUGUUUCCGU- 5'

Csi-miR3954a-Cs1g09635.1-9

Csi-miR3954a-Cs5g04670.1-21, target=Cs5g09880.1 gene=Cs5g09880
 Category:3
 Score:3.5
 Cleavage site:1356



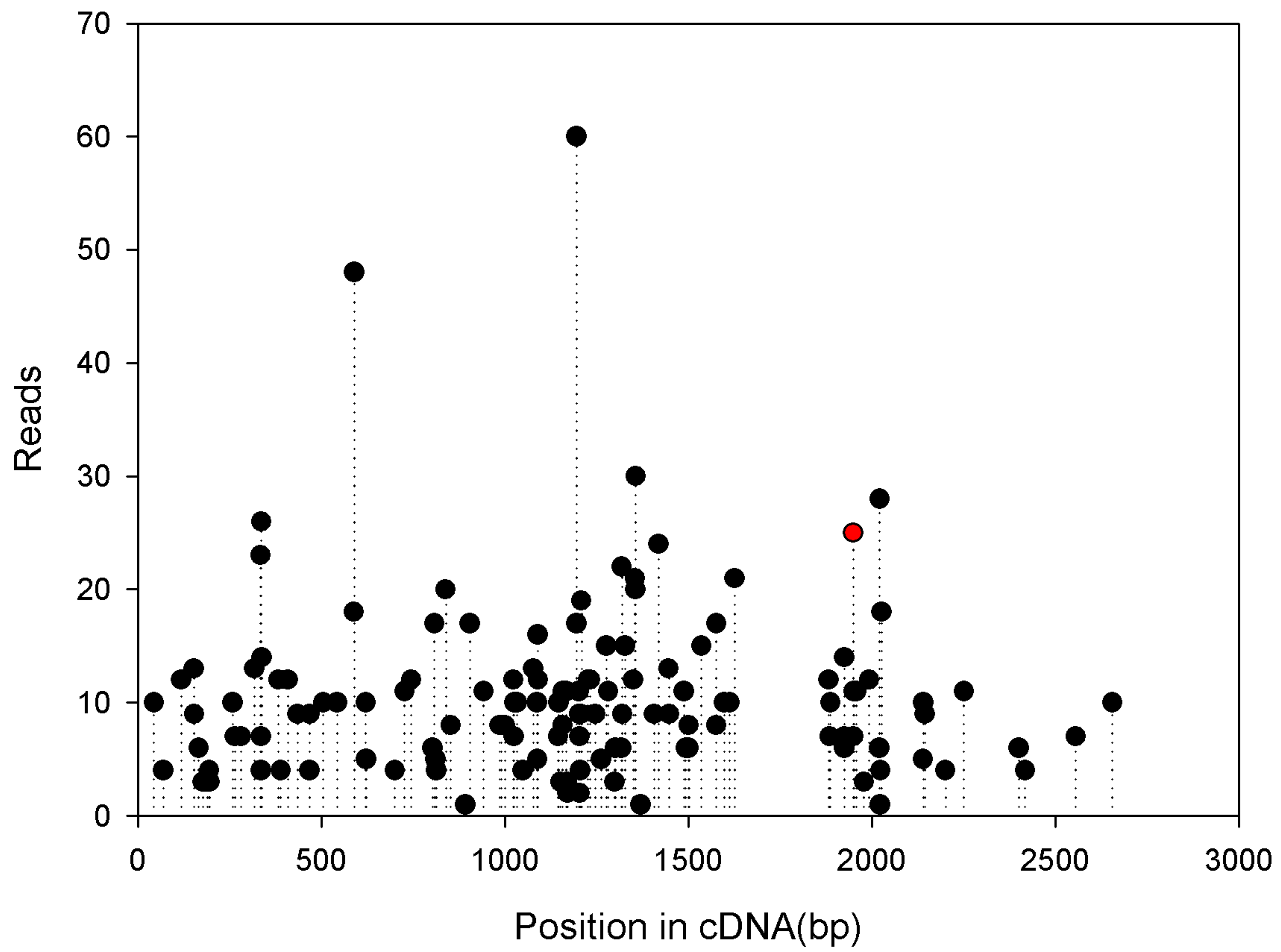
```

5' GAUUCAUGGUGCCAAAUGGUGCACAA 3'
:: :: :: :: :: :: :: :: :: ::
3' CUUAGU-CUACGGUUUACCACU---- 5'
  
```

Cs5g09880.1

Csi-miR3954a-Cs5g04670.1-21

Csi-miR482c-Cs9g06846.1-15, target=Cs1g16450.1 gene=Cs1g16450
 Category:3
 Score:5
 Cleavage site:1950



```

5' CAACUACAAUGG-UAUCAUAUUAUGGC 3'
   :::  ::::  ::::::::::  ::
3' ----AUGGUACCUAUAGUAUAAGAC-- 5'
  
```

Cs1g16450.1

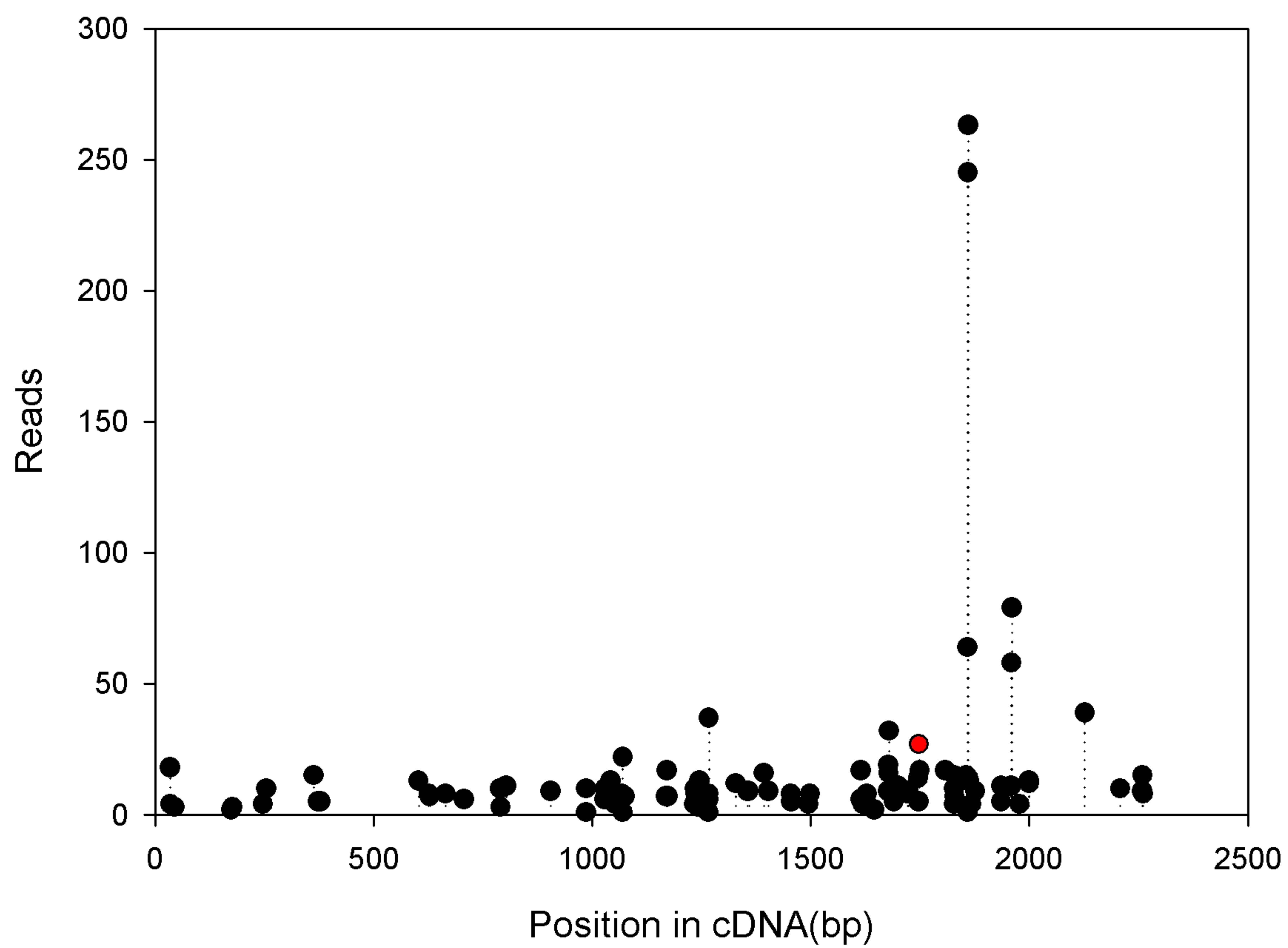
Csi-miR482c-Cs9g06846.1-15

Csi-miR482c-Cs9g06846.1-5, target=Cs9g08050.1 gene=Cs9g08050

Category:3

Score:5

Cleavage site:1748



5' GAAGGAAUGGAUGGAUGAGAUUCUUU 3'

Cs9g08050.1

:: : :::::::::::::::

3' -UUACACACCUACUUAUUCUAA---- 5'

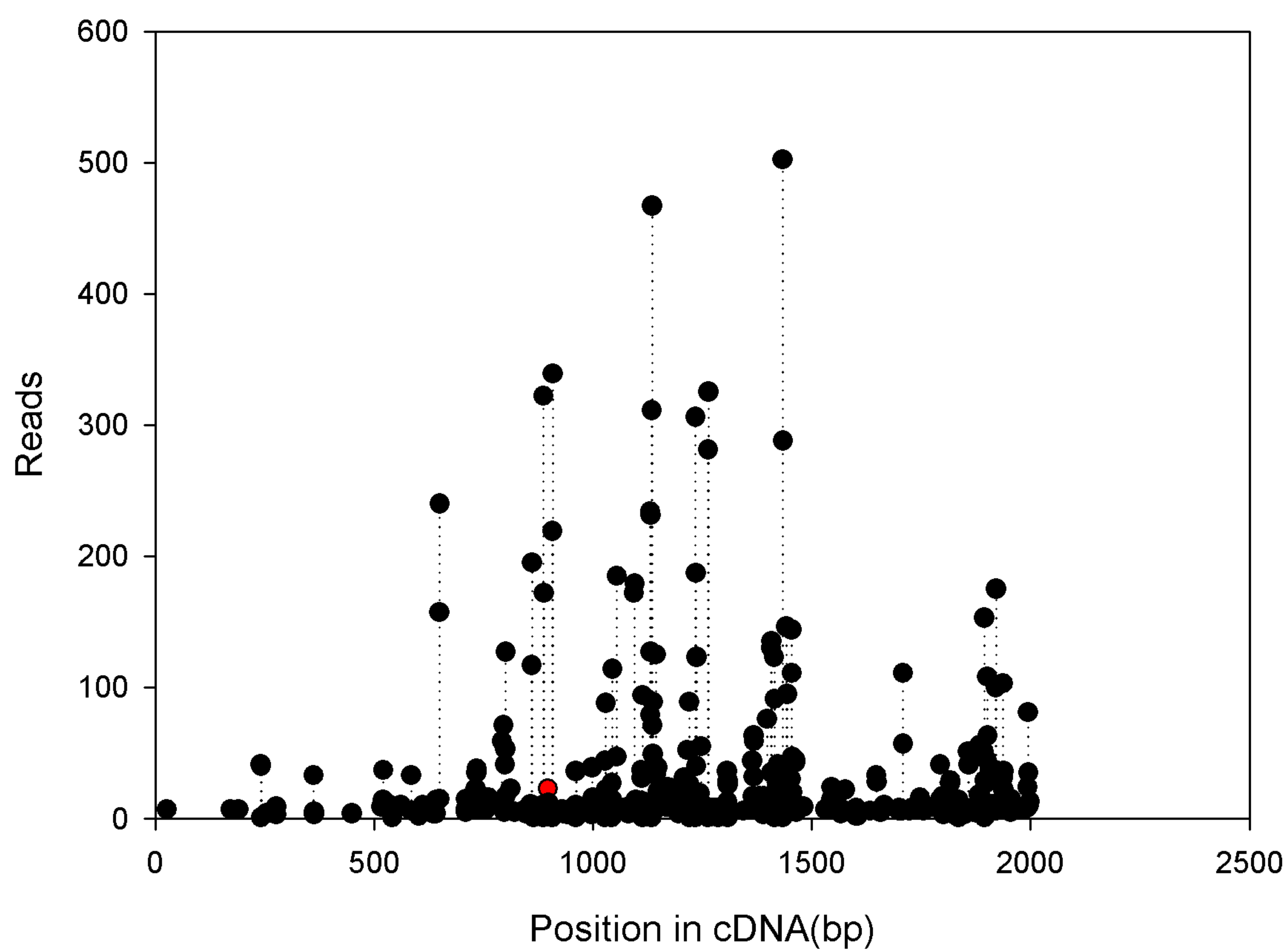
Csi-miR482c-Cs9g06846.1-5

Csi-miR482c-Cs9g06846.1-6, target=Cs7g31270.1 gene=Cs7g31270

Category:3

Score:5

Cleavage site:897



5' CAUAUGCUGAGGGAUU-GGAACACUUG 3'

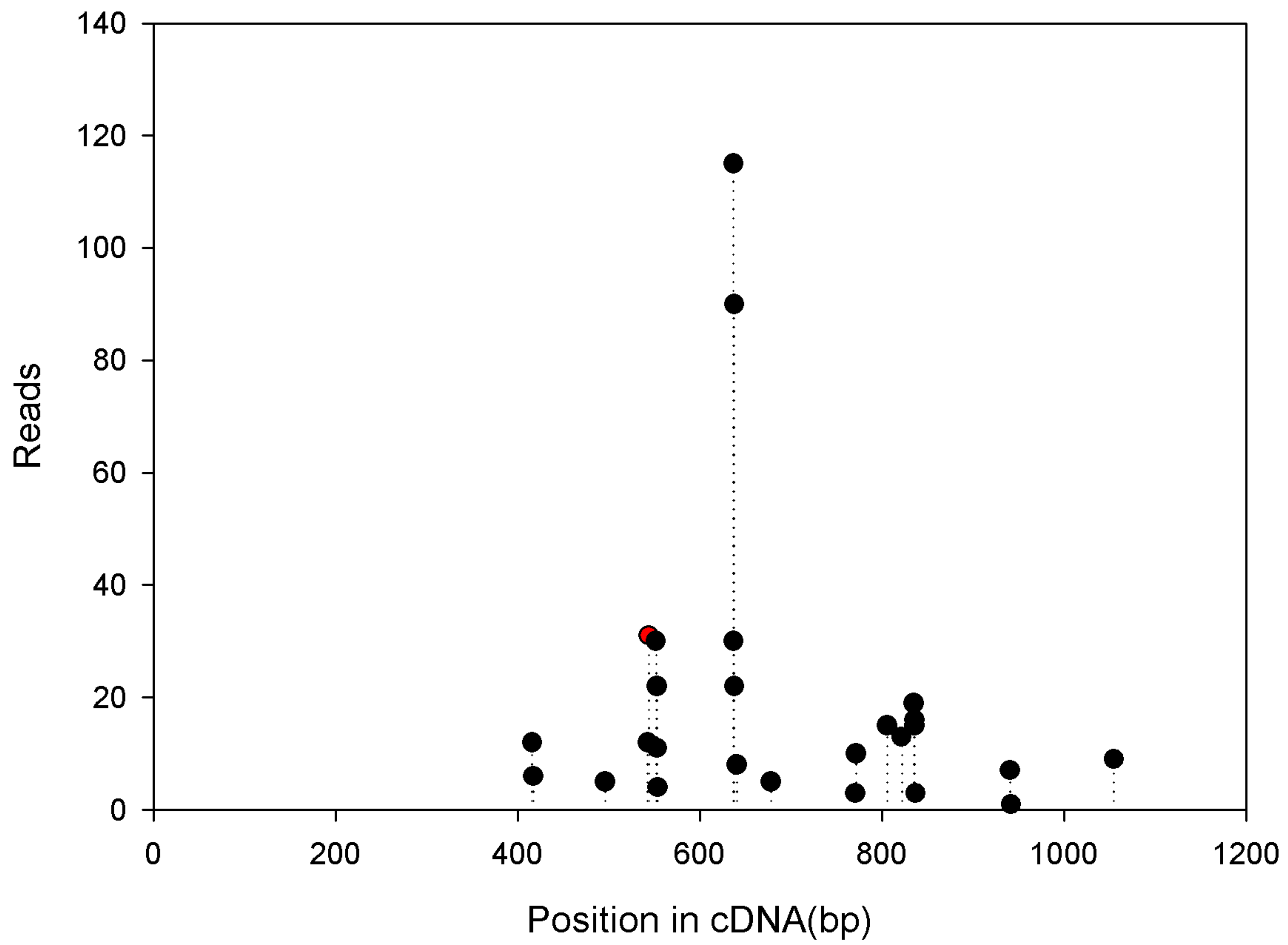
Cs7g31270.1

::::: : : : :

3' --AUACGACGCCCUAAGCAUUGU---- 5'

Csi-miR482c-Cs9g06846.1-6

Csi-miRN20-Cs3g05320.1-14, target=Cs8g19960.1 gene=Cs8g19960
 Category:2
 Score:4.5
 Cleavage site:544



```

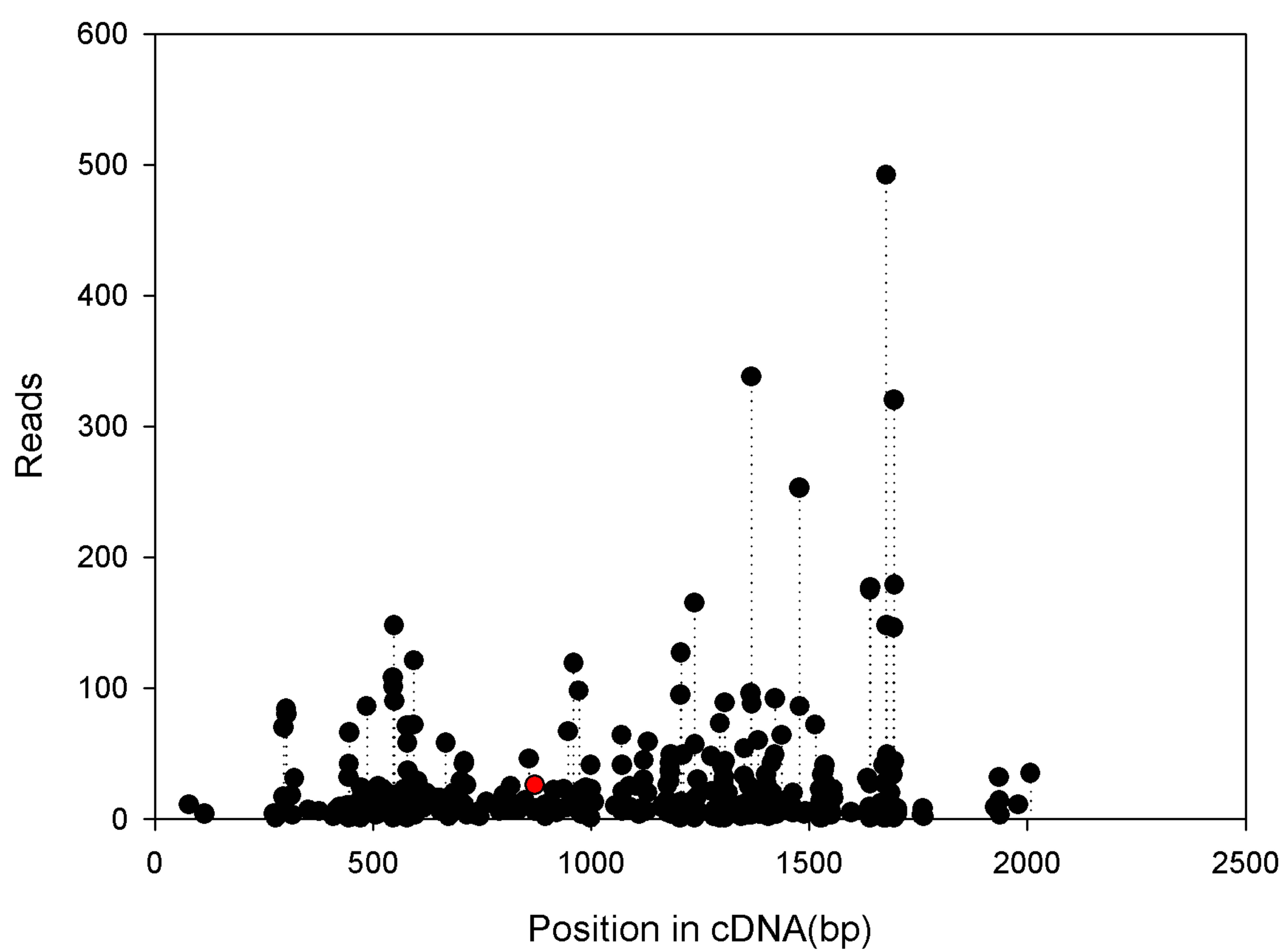
5' GAAACAAGAUCAGUUUUUAU-GAAACUG 3'
   ::::: ::::: :::::
3' ----GUUUUUGUCAGAAUAGCUUUG-- 5'

```

Cs8g19960.1

Csi-miRN20-Cs3g05320.1-14

Csi-miRN20-Cs3g05320.1-16, target=Cs9g03400.1 gene=Cs9g03400
 Category:3
 Score:5
 Cleavage site:871



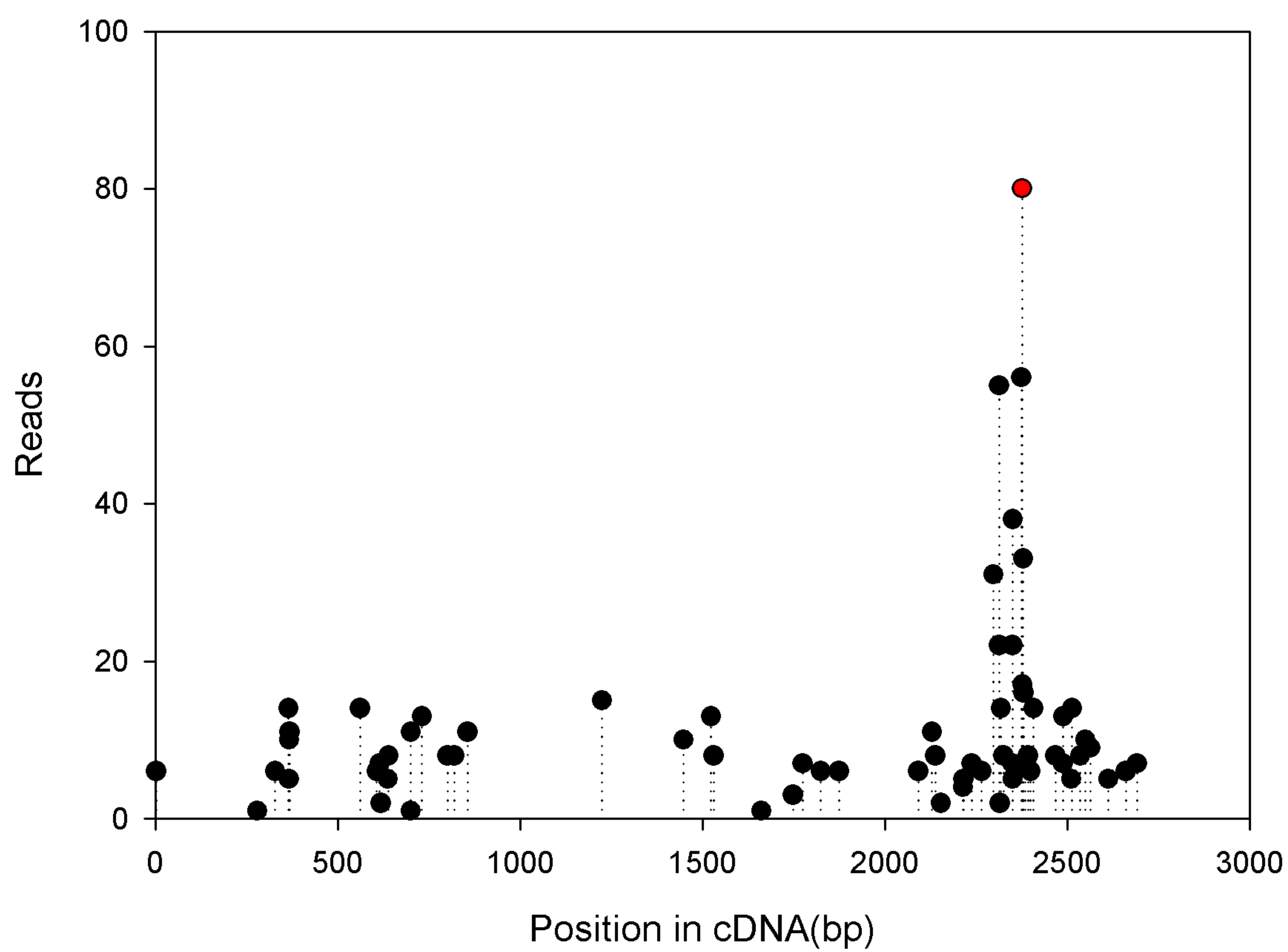
5' AAUCCCAAUCAAA-UUGACAUGAUUG 3'	Cs9g03400.1
: : : : : : : : : : : : : : : : : : : :	
3' ----GUUUUAUUUUGAACUGUACUA-- 5'	Csi-miRN20-Cs3g05320.1-16

Csi-miRN20-Cs3g05320.1-19, target=Cs7g05730.1 gene=Cs7g05730

Category:1

Score:5

Cleavage site:2376



5' UGUACAAGAUGAUUUAAUAUCUUGCU 3'

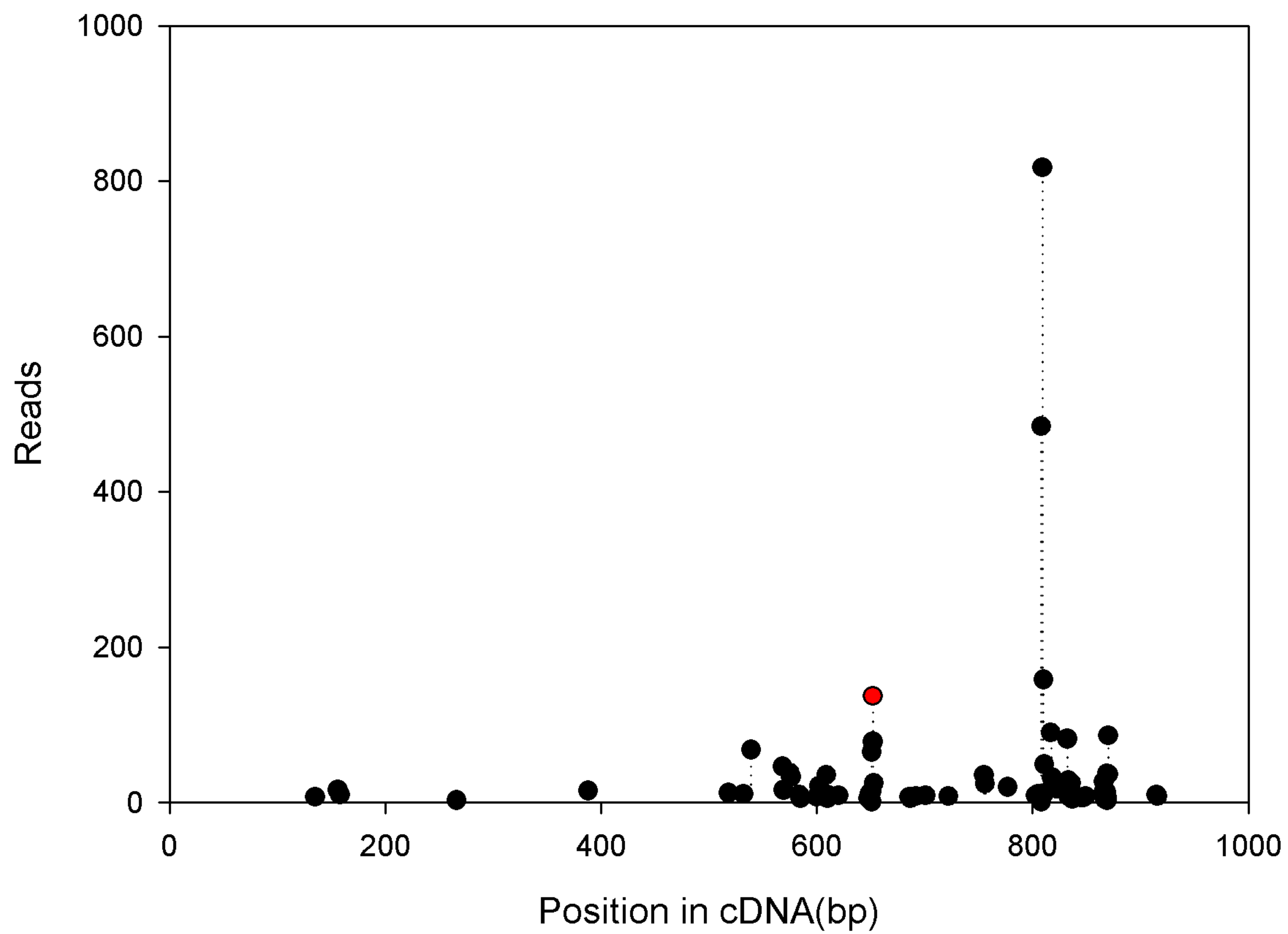
Cs7g05730.1

:: ::::::::::::::::::::

3' ----GUAUACUAGGUUAUAGAACA- 5'

Csi-miRN20-Cs3g05320.1-19

Csi-miRN20-Cs3g05320.1-24, target=Cs1g12760.1 gene=Cs1g12760
 Category:2
 Score:4.5
 Cleavage site:652

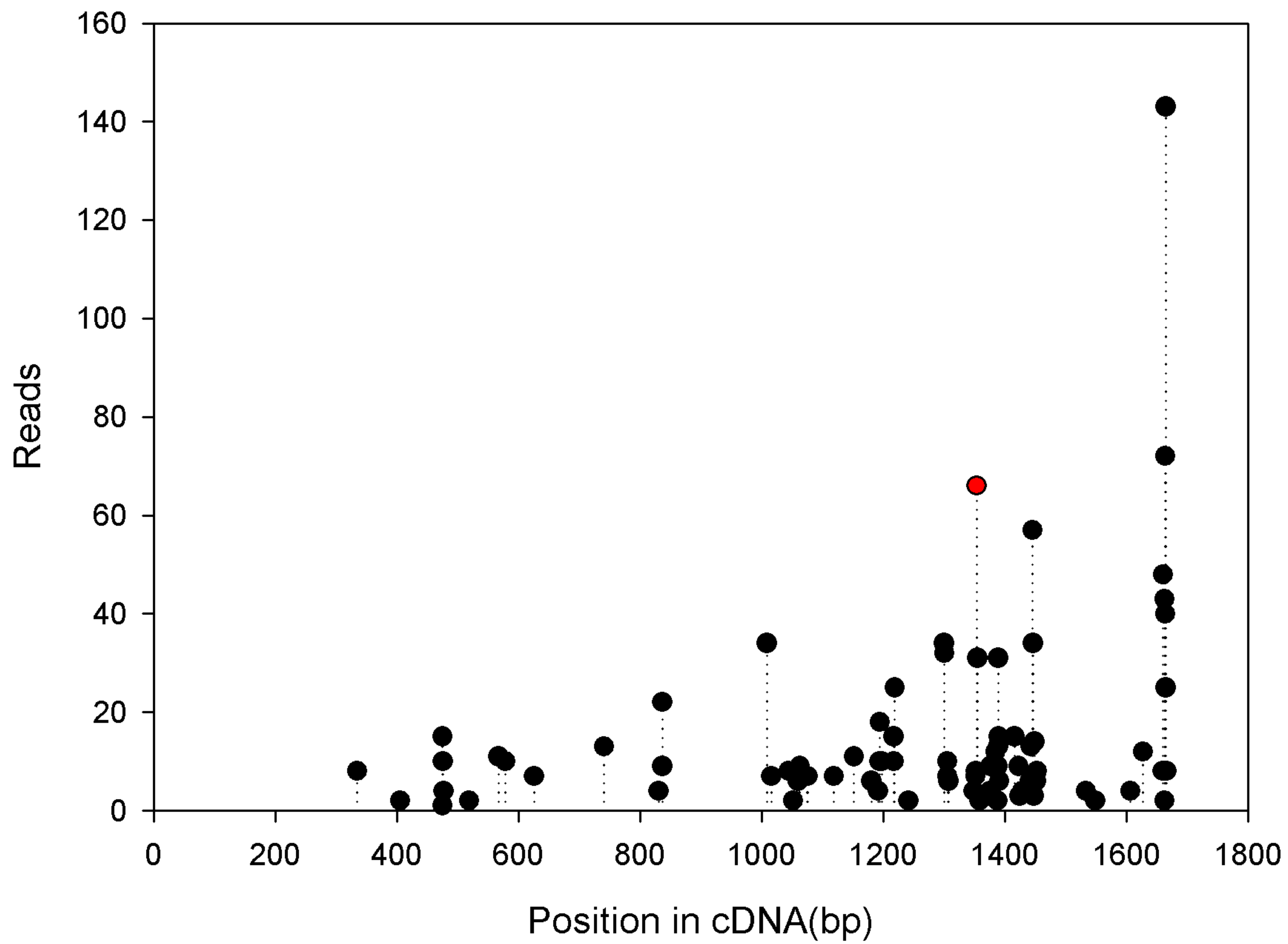


5' UAUGUCGGC-UGGGUGACUAUUAUCAU 3'
 :.:. : .:.:.:.:.:.:.:.:.
 3' -----GUUGUAGUCAUUGAUAAUAGU- 5'

Cs1g12760.1

Csi-miRN20-Cs3g05320.1-24

Csi-miRN20-Cs3g05320.1-24, target=Orange1.1t00622.1 gene=Orange1.1t00622
Category:2
Score:5
Cleavage site:1354



```
5' UGCAAAGUCGGGAACUGUUAUCAUGG 3'
   :: . . . . . : : : : : : : : :
3' --GUUGUAGUCAUUGAUAAUAGU--- 5'
```

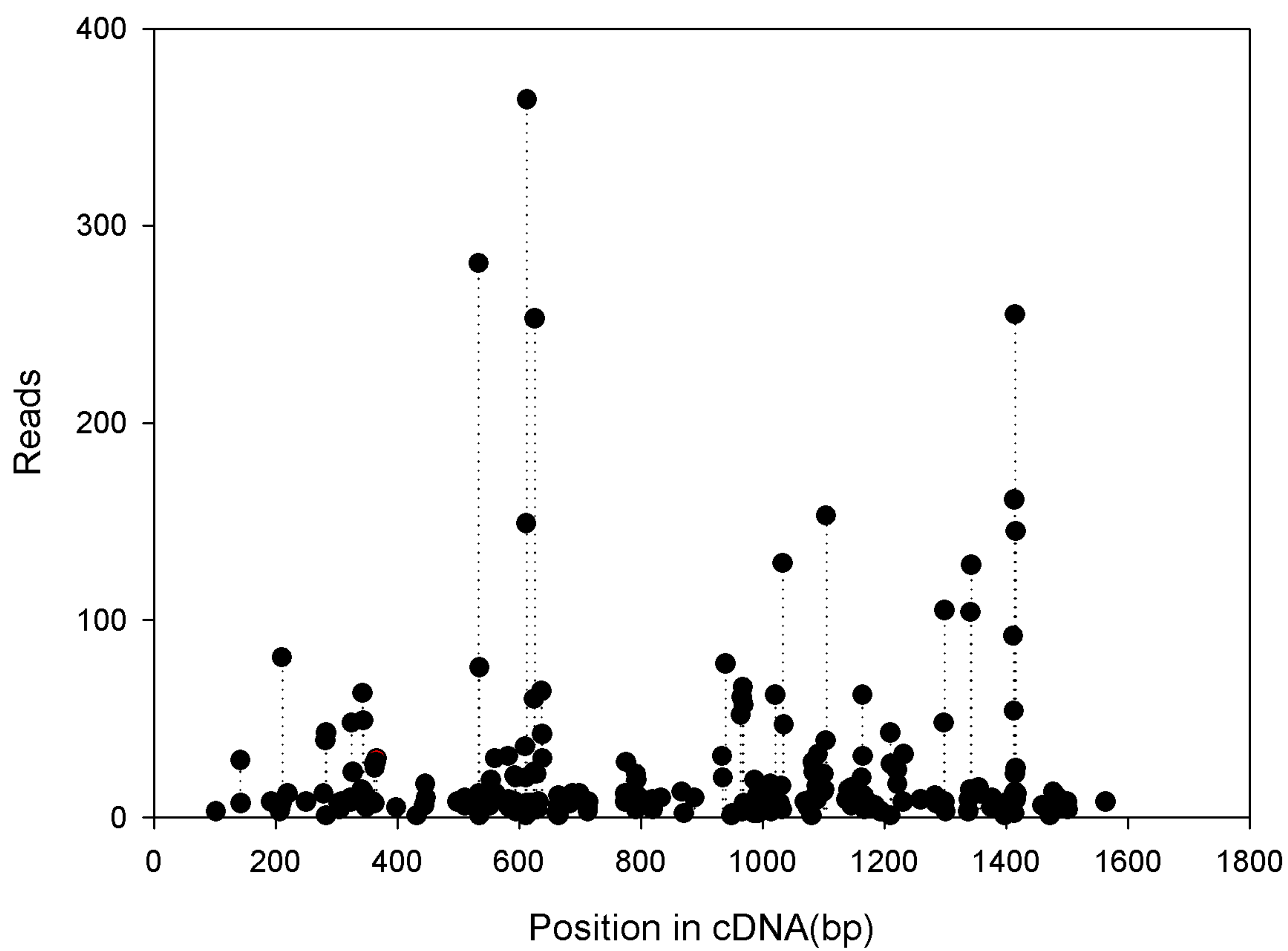
```
Orange1.1t00622.1
Csi-miRN20-Cs3g05320.1-24
```

Csi-miRN20-Cs3g05320.1-24, target=Orange1.1t01948.1 gene=Orange1.1t01948

Category:3

Score:4.5

Cleavage site:366



5' AUGUGA-AGCAGUAACUAUUAUUGAAA 3'

Orange1.1t01948.1

... :

3' ---GUUGUAGUCAUUGAUAAUAGU--- 5'

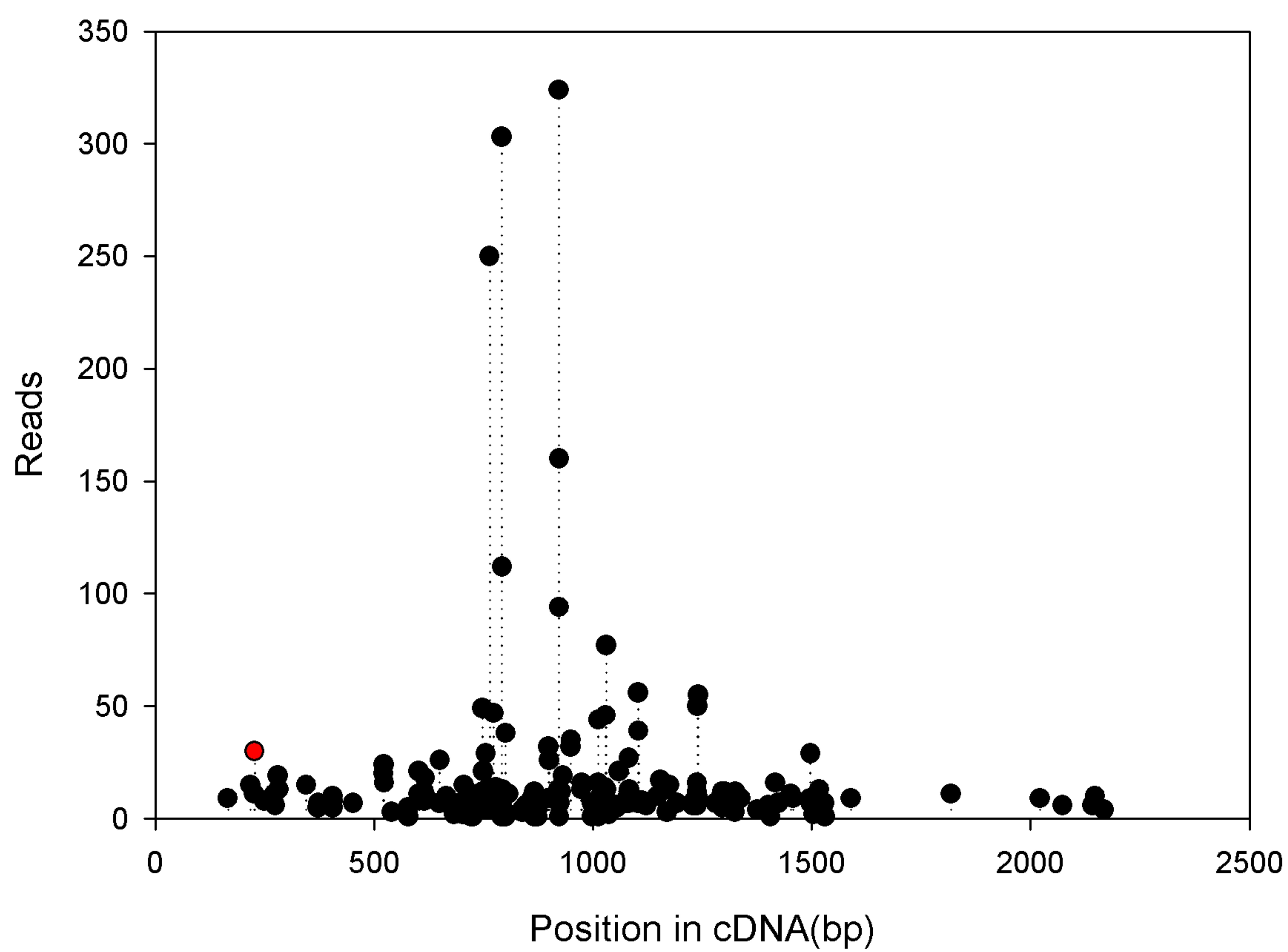
Csi-miRN20-Cs3g05320.1-24

Csi-miRN20-Cs3g05320.1-26, target=Cs3g11480.1 gene=Cs3g11480

Category:3

Score:4.5

Cleavage site:227



5' UCAAUUUUCU-ACUGUUUUCAGCUGC 3'

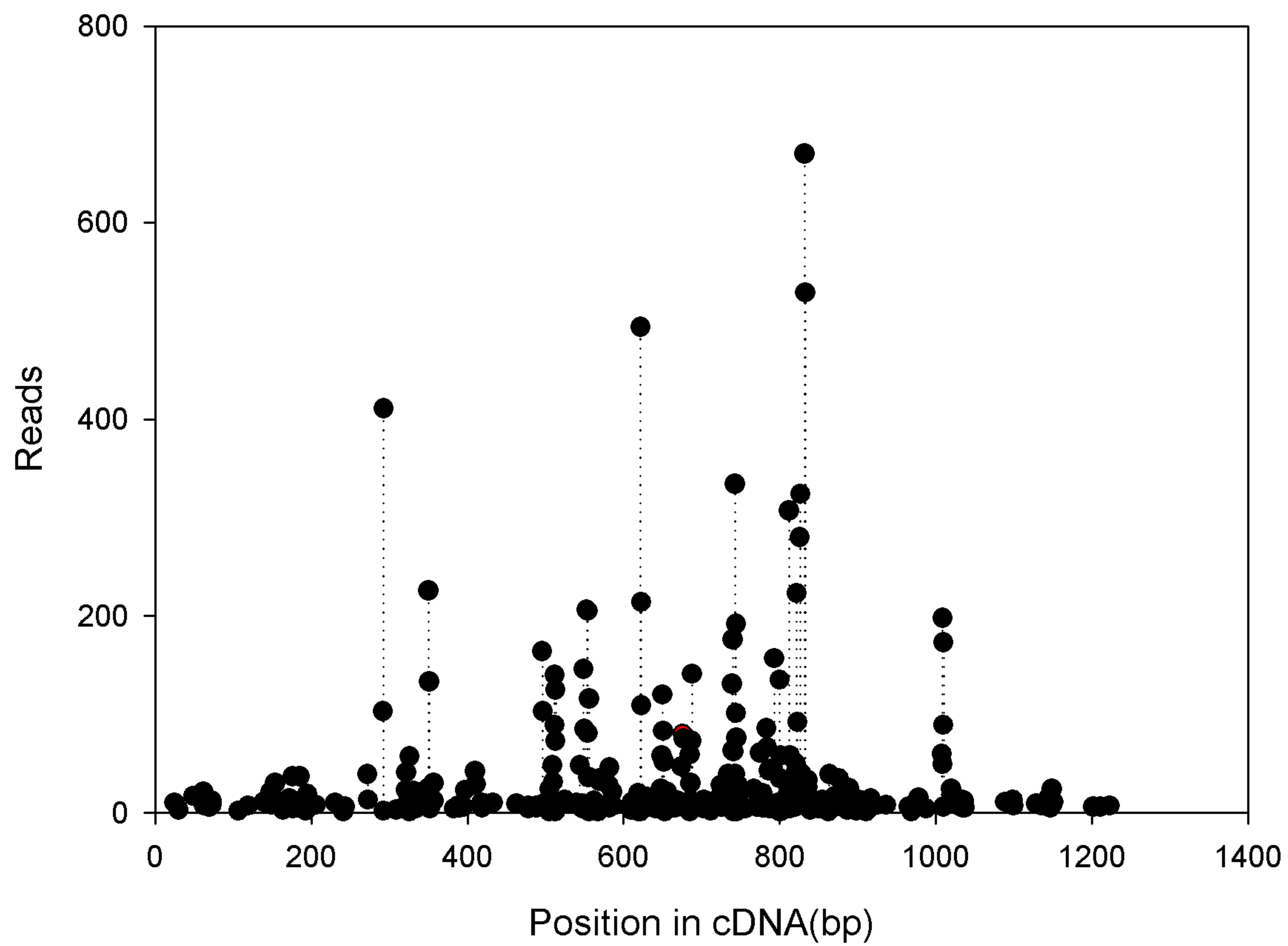
Cs3g11480.1

.....

3' -GUUAGAAGAGAGACAAAAGGU----- 5'

Csi-miRN20-Cs3g05320.1-26

Csi-miRN20-Cs3g05320.1-26, target=Cs6g18830.1 gene=Cs6g18830
 Category:3
 Score:5
 Cleavage site:676



```

5' UGCACUCAACUUCUCUGUUUUCUACU 3'
   :: :: : ::::::::::::::::::::
3' --GUUAGAAG-AGAGACAAAAGGU-- 5'
  
```

Cs6g18830.1

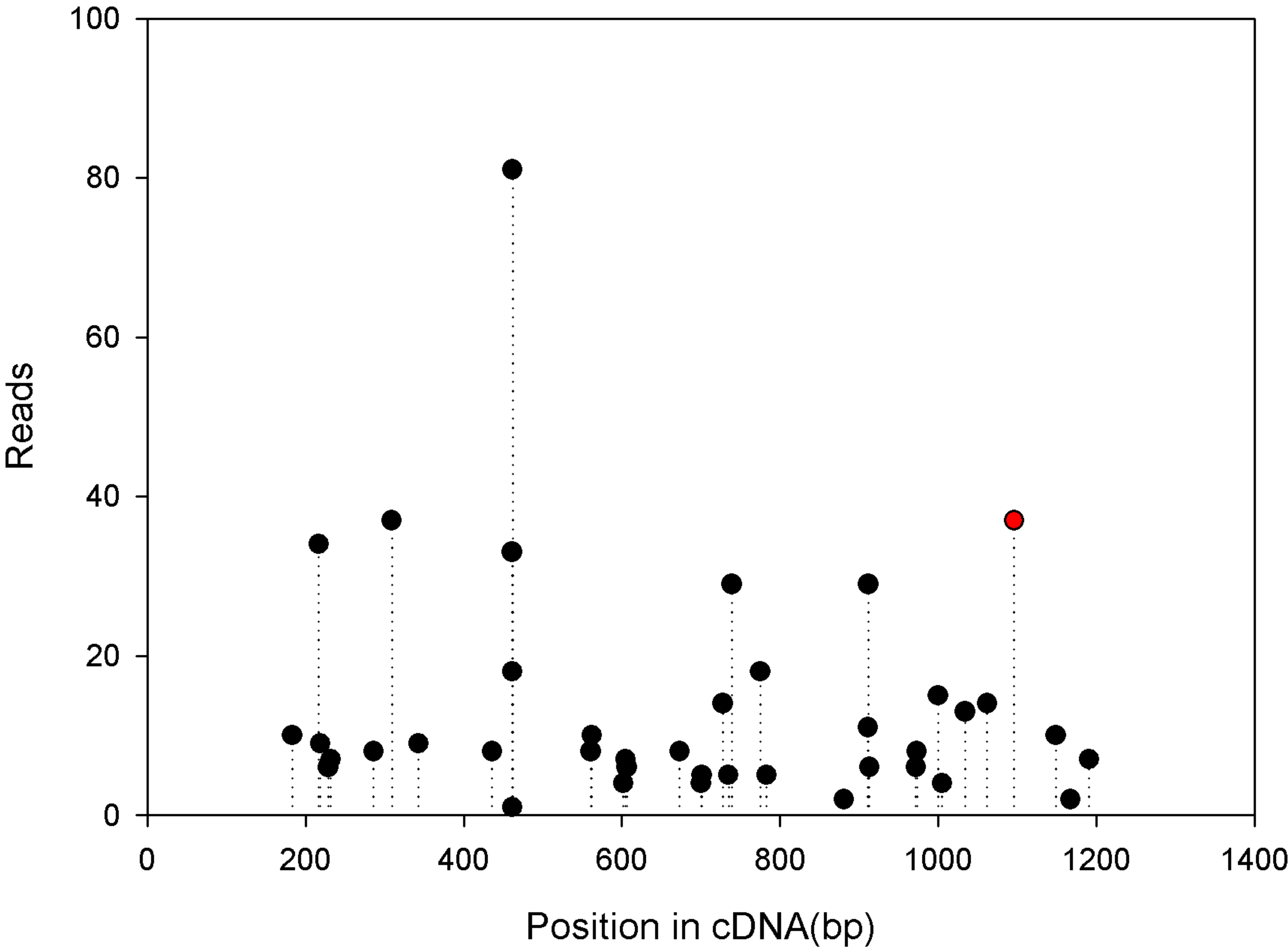
Csi-miRN20-Cs3g05320.1-26

Csi-miRN20-Cs3g05320.1-4, target=Cs5g05630.1 gene=Cs5g05630

Category:2

Score:5

Cleavage site:1096

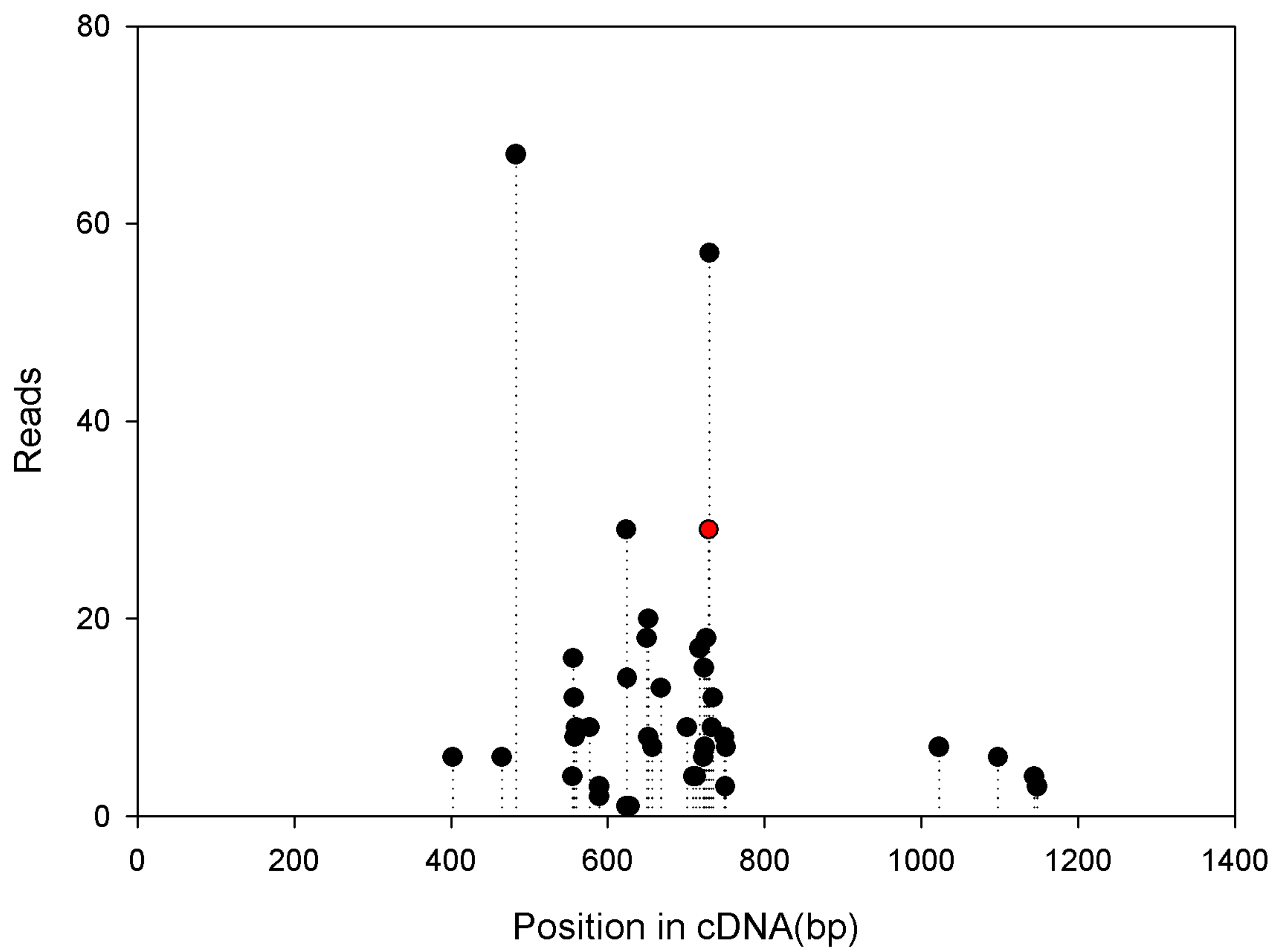


5' GAAAUUAAUUAUCUAUGAUUUUGCUU 3'
 ::: :::: ::::::::::::
 3' ----CAUU-AUAGUUACUAAAUGAA 5'

Cs5g05630.1

Csi-miRN20-Cs3g05320.1-4

Csi-miRN20-Cs3g05320.1-4, target=Cs5g18400.1 gene=Cs5g18400
 Category:2
 Score:5
 Cleavage site:729



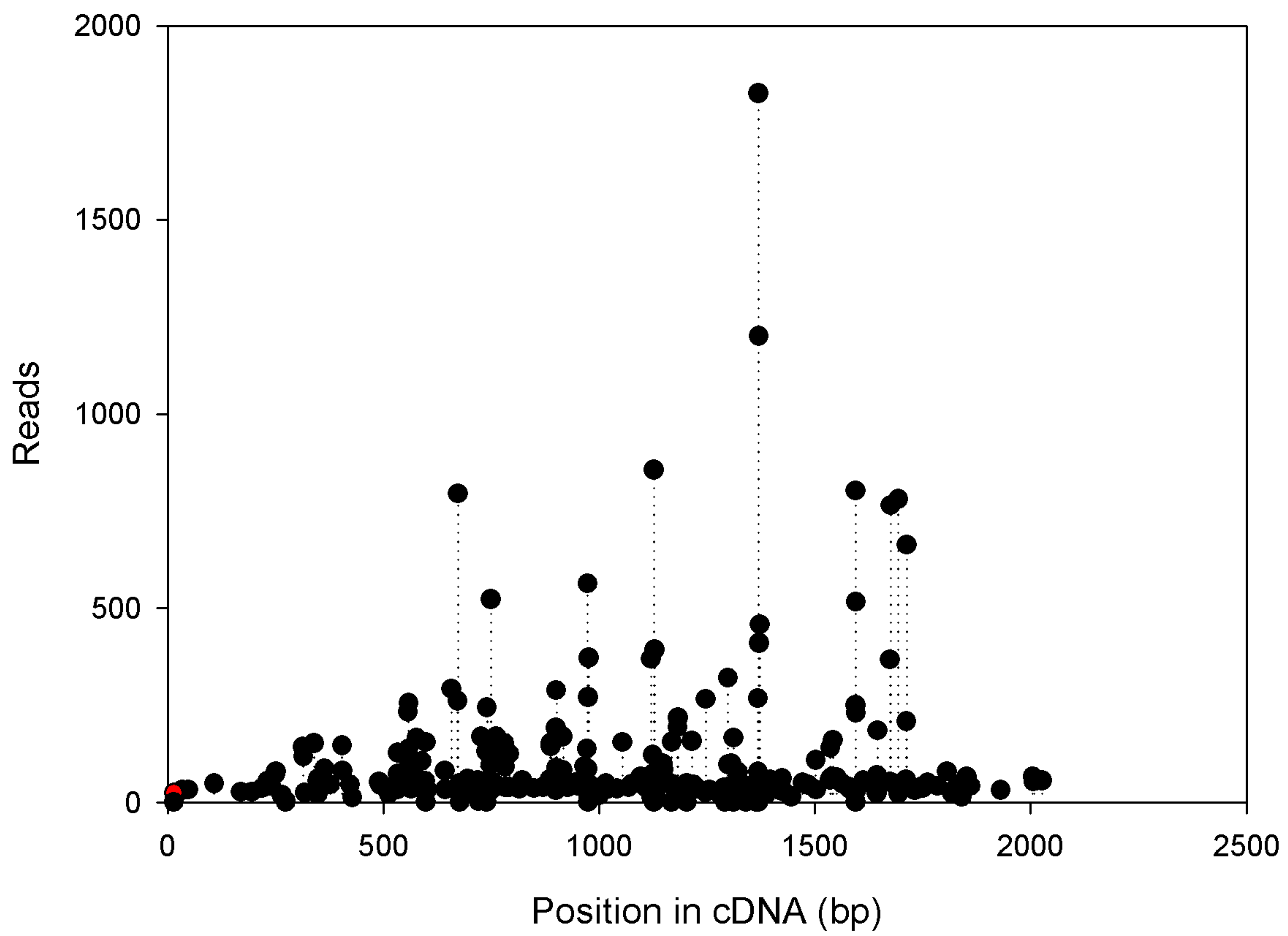
5' CUGAUUUAUGAAUUUUACUGUGAA 3'
 ::::::::::: :::::::::::
 3' CAUUAUAGUUAC-UAAAAUGAA---- 5'

Cs5g18400.1

Csi-miRN20-Cs3g05320.1-4

**T-plots for targets of
secondary siRNAs
in fruit**

Csi-miR482a-3p-Cs1g15550.1-4, target=Cs8g11330.1 gene=Cs8g11330
 Category:3
 Score:5
 Cleavage site:15



```
5' CAGAAGACACACACACAUCUUCU 3'
   : : : : : : : : : : : :
3' ----UAUGUGUGUGGGUGUAGGAAU- 5'
```

Cs8g11330.1

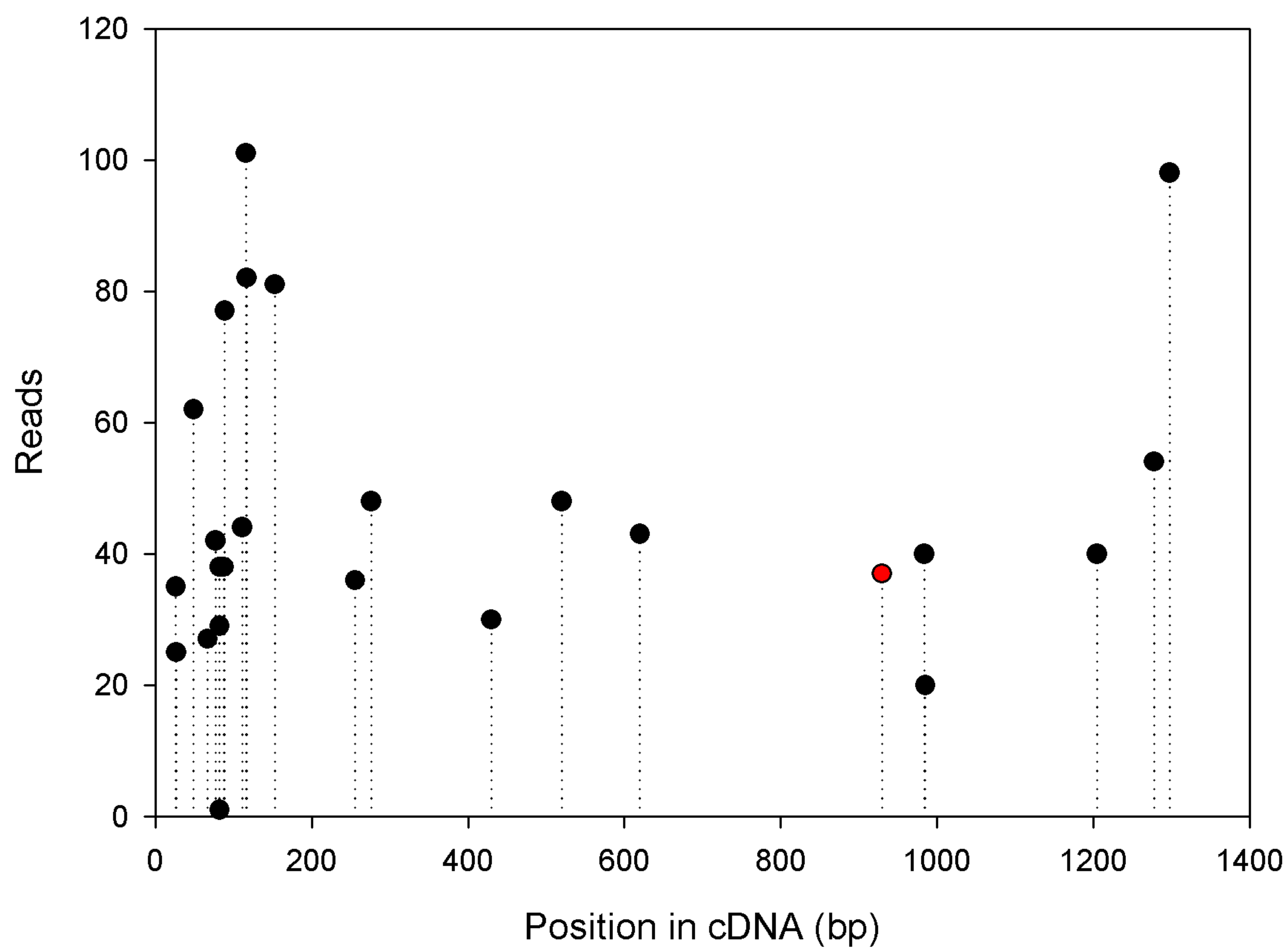
Csi-miR482a-3p-Cs1g15550.1-4

Csi-miR482a-3p-Cs3g13340.1-20, target=Cs1g07080.1 gene=Cs1g07080

Category:3

Score:5

Cleavage site:930



5' UGCAGAGUG-GAAUGGCUCAAGCAAUG 3'

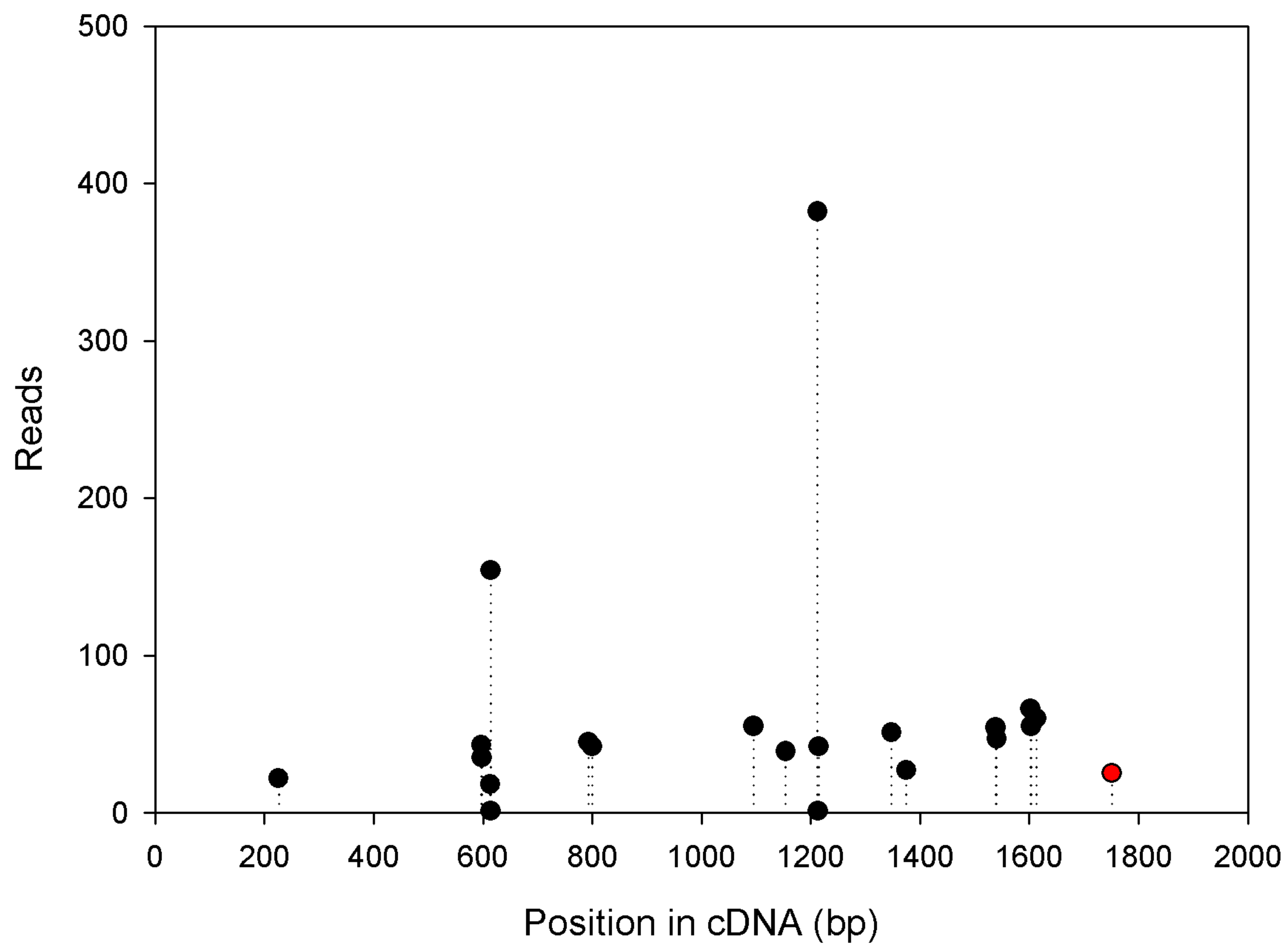
Cs1g07080.1

.....

3' ---UUUUACGGUUGCCGAGUUUGU--- 5'

Csi-miR482a-3p-Cs3g13340.1-20

Csi-miR482a-3p-Cs3g13340.1-20, target=Cs2g11470.1 gene=Cs2g11470
 Category:3
 Score:3
 Cleavage site:1751

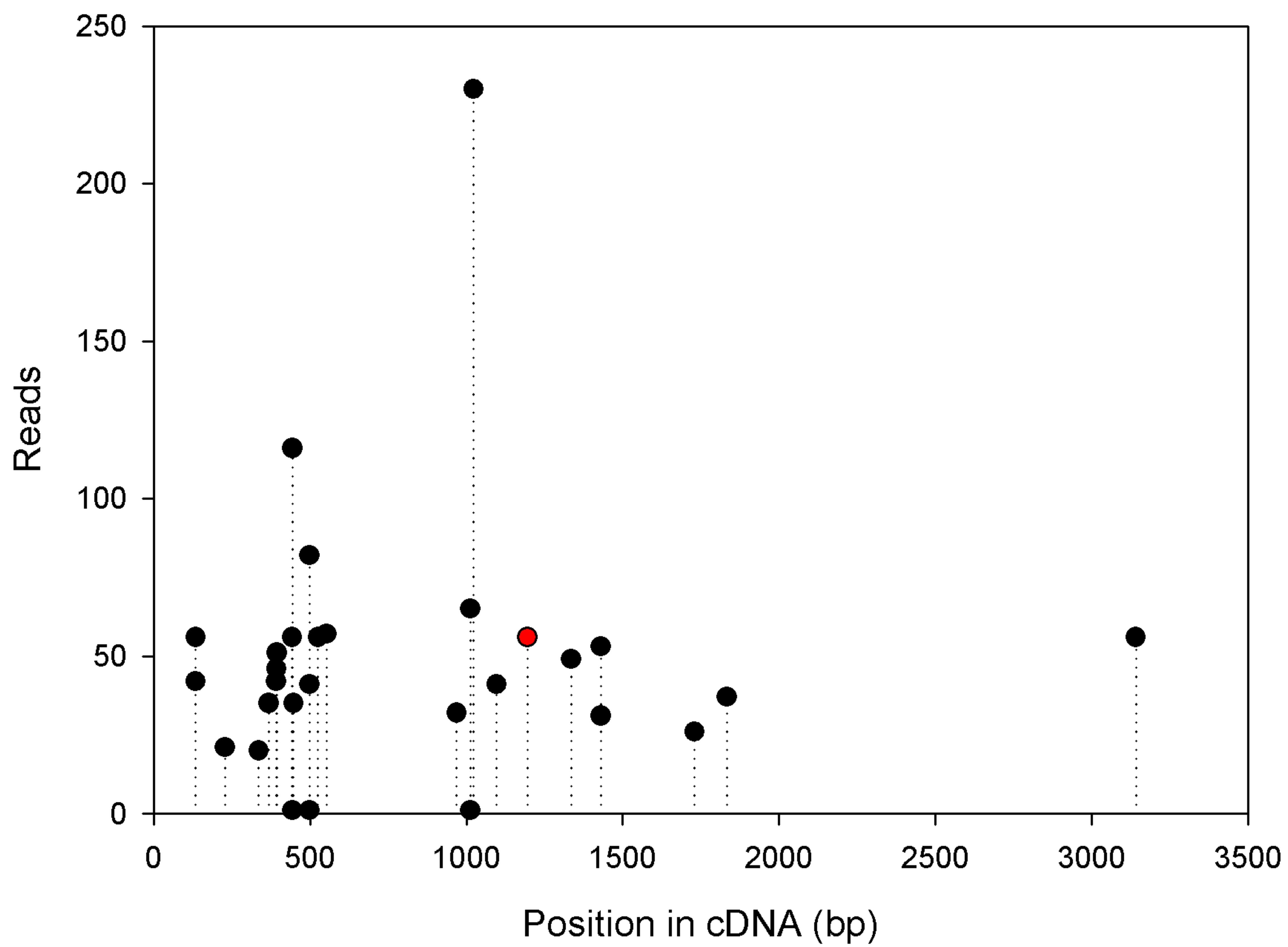


5' GUAAAAAUGCCAAUGGUUCAACUU 3'
 :::::::::::::::::::::
 3' ----UUUUACGGUUGCCGAGUUUGU- 5'

Cs2g11470.1

Csi-miR482a-3p-Cs3g13340.1-20

Csi-miR482a-3p-Cs3g13340.1-35, target=Orange1.1t02629.1 gene=Orange1.1t02629
 Category:3
 Score:5
 Cleavage site:1195

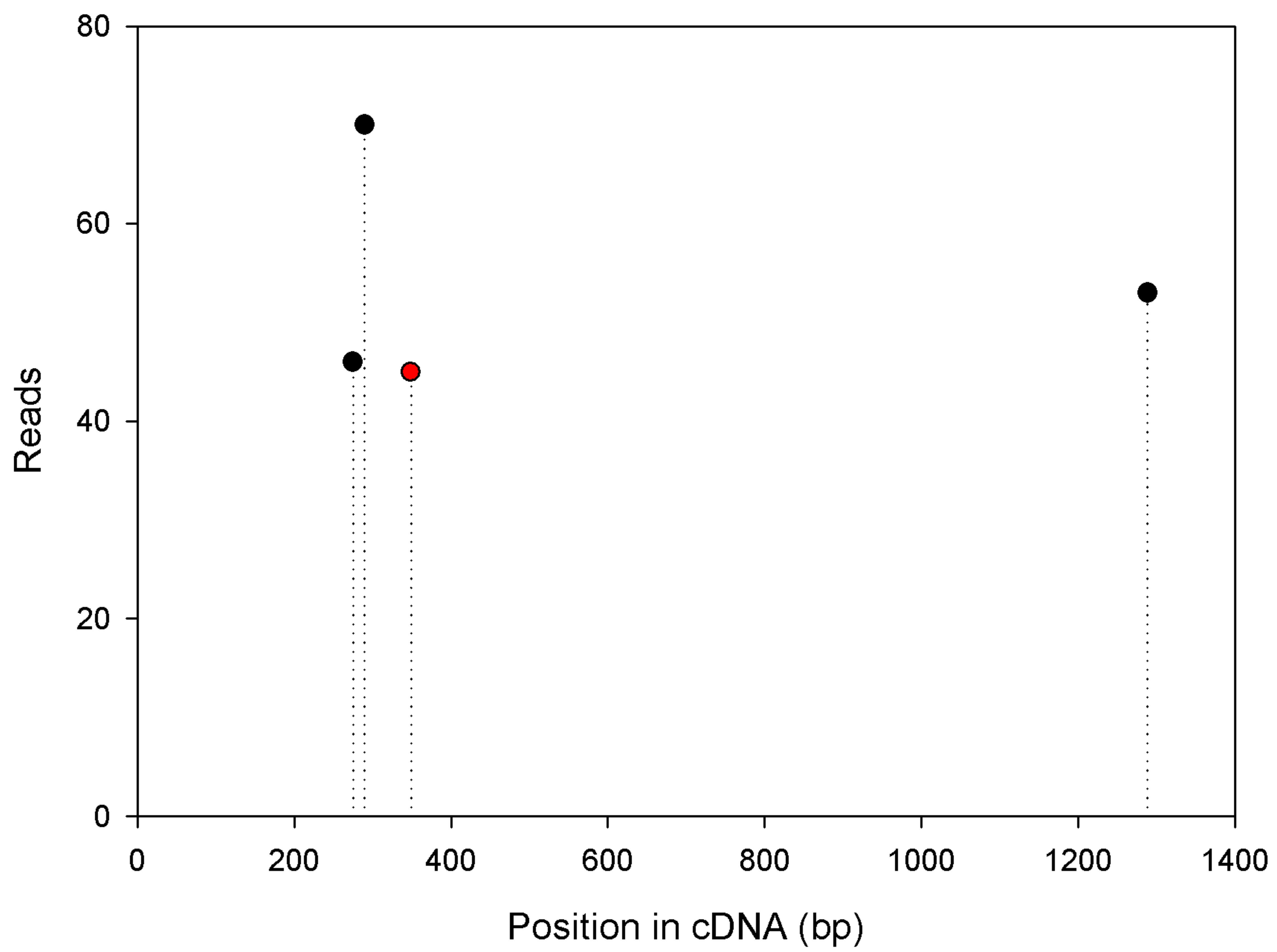


5' AGUAUUUUACAUAAGUUCAGUUAACUG 3'
 :: .. : :::::::::::::::
 3' -CACGGUAGGUAUCAAGUUAU---- 5'

Orange1.1t02629.1

Csi-miR482a-3p-Cs3g13340.1-35

Csi-miR482a-3p-Orange1.1t01918.1-29, target=Cs2g21880.1 gene=Cs2g21880
Category:3
Score:5
Cleavage site:349

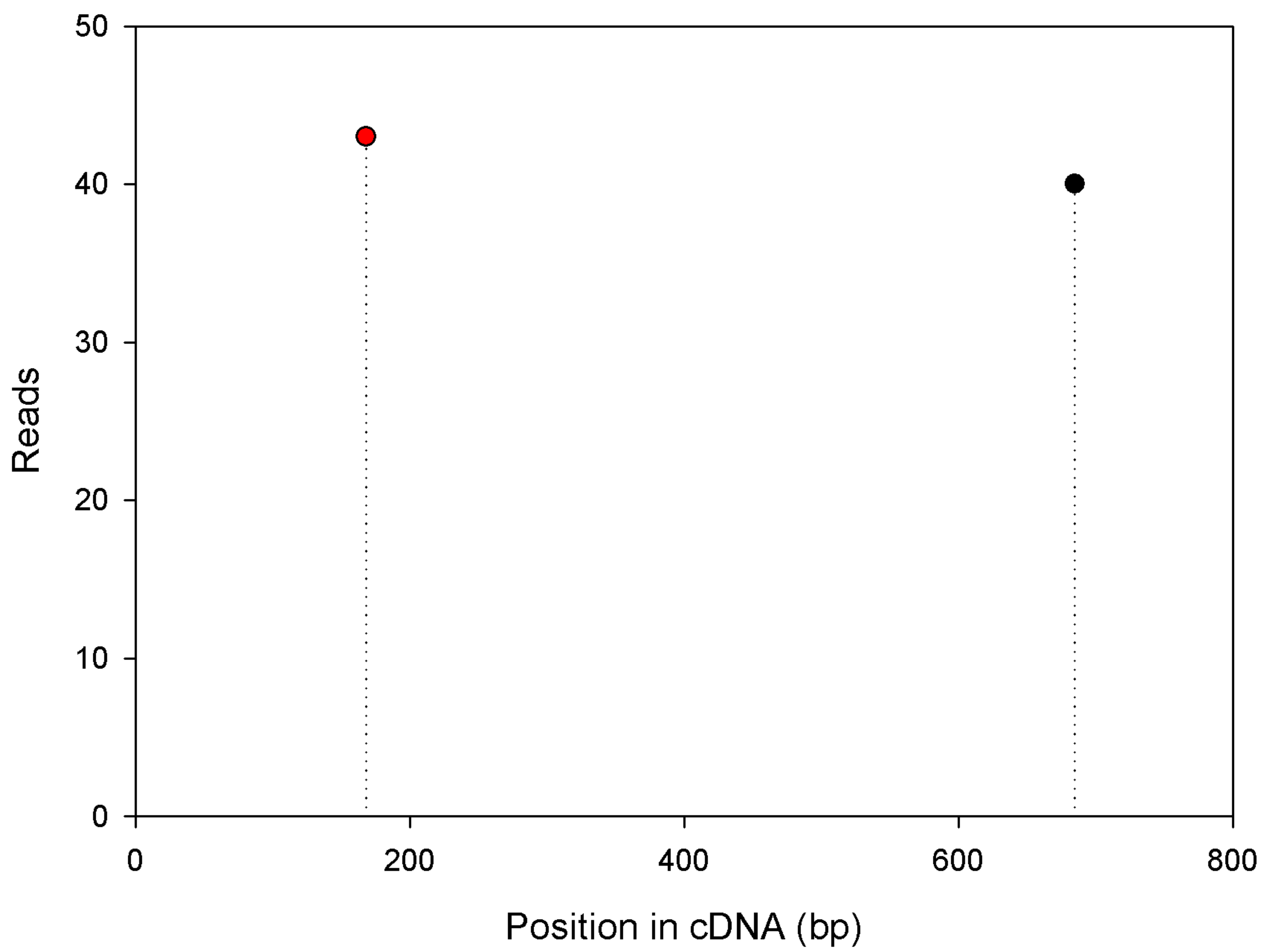


5' GAUGUCCAAU-CUCUUCUCGAUCUCUU 3'
 :. . . :. . . :. . . :. . . :
3' -----CUUGUGGAAAGAGUUAGAGAA 5'

Cs2g21880.1

Csi-miR482a-3p-Orange1.1t01918.1-29

Csi-miR482a-3p-Orange1.1t01918.1-29, target=Cs8g02370.1 gene=Cs8g02370
 Category:1
 Score:5
 Cleavage site:168



```
5' GGAAUCCUUCUGCAAUCUCUAUCU 3'
   :::  :::::  :::::
3' -CUUGUGGAAAGA-GUUAGAGAA--- 5'
```

Cs8g02370.1

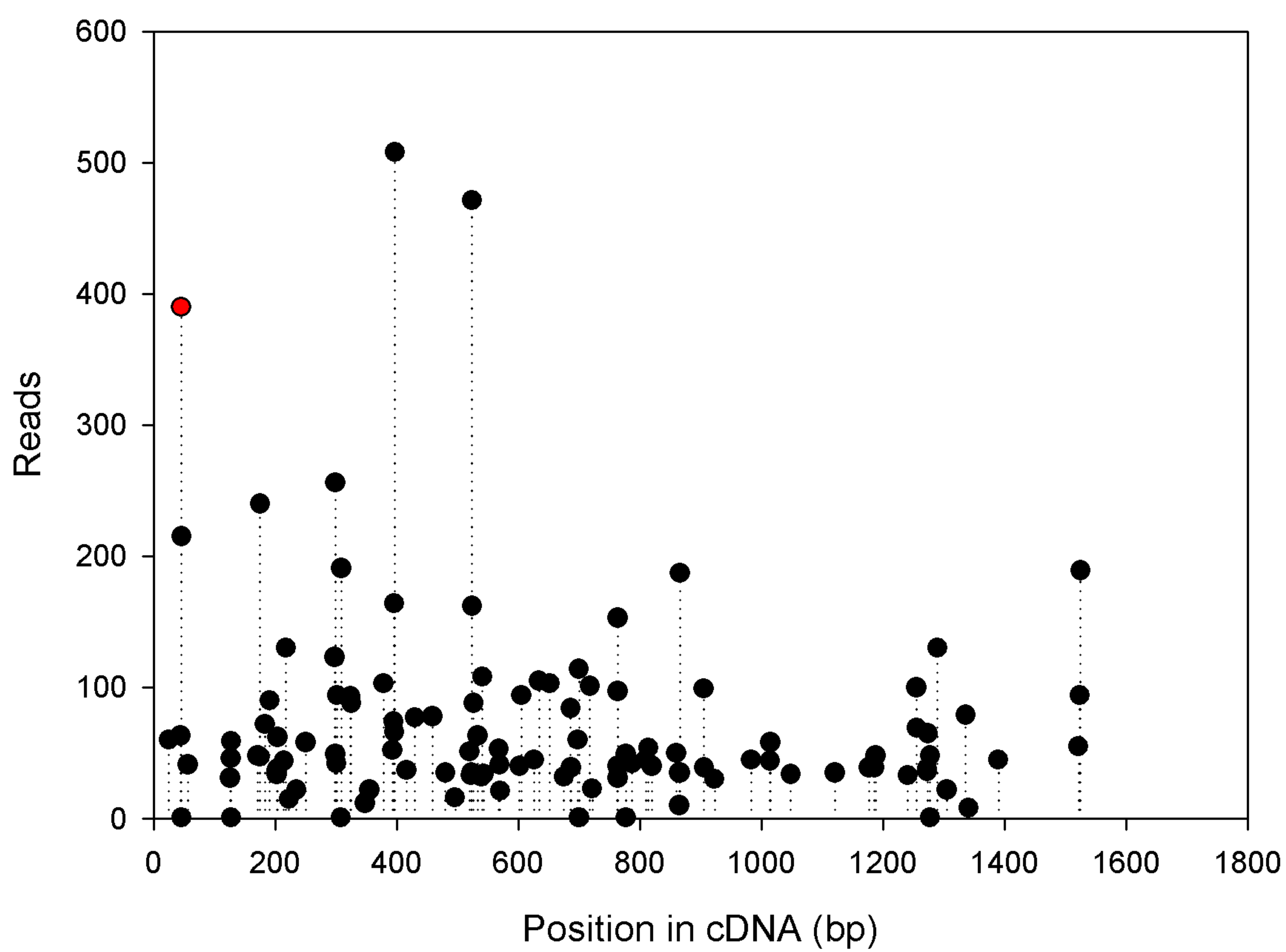
Csi-miR482a-3p-Orange1.1t01918.1-29

Csi-miR482a-3p-Orange1.1t01918.1-29, target=Orange1.1t03281.1 gene=Orange1.1t03281

Category:2

Score:5

Cleavage site:45



5' UAACCAAAC-CCUUUCUGAUUUCUC 3'

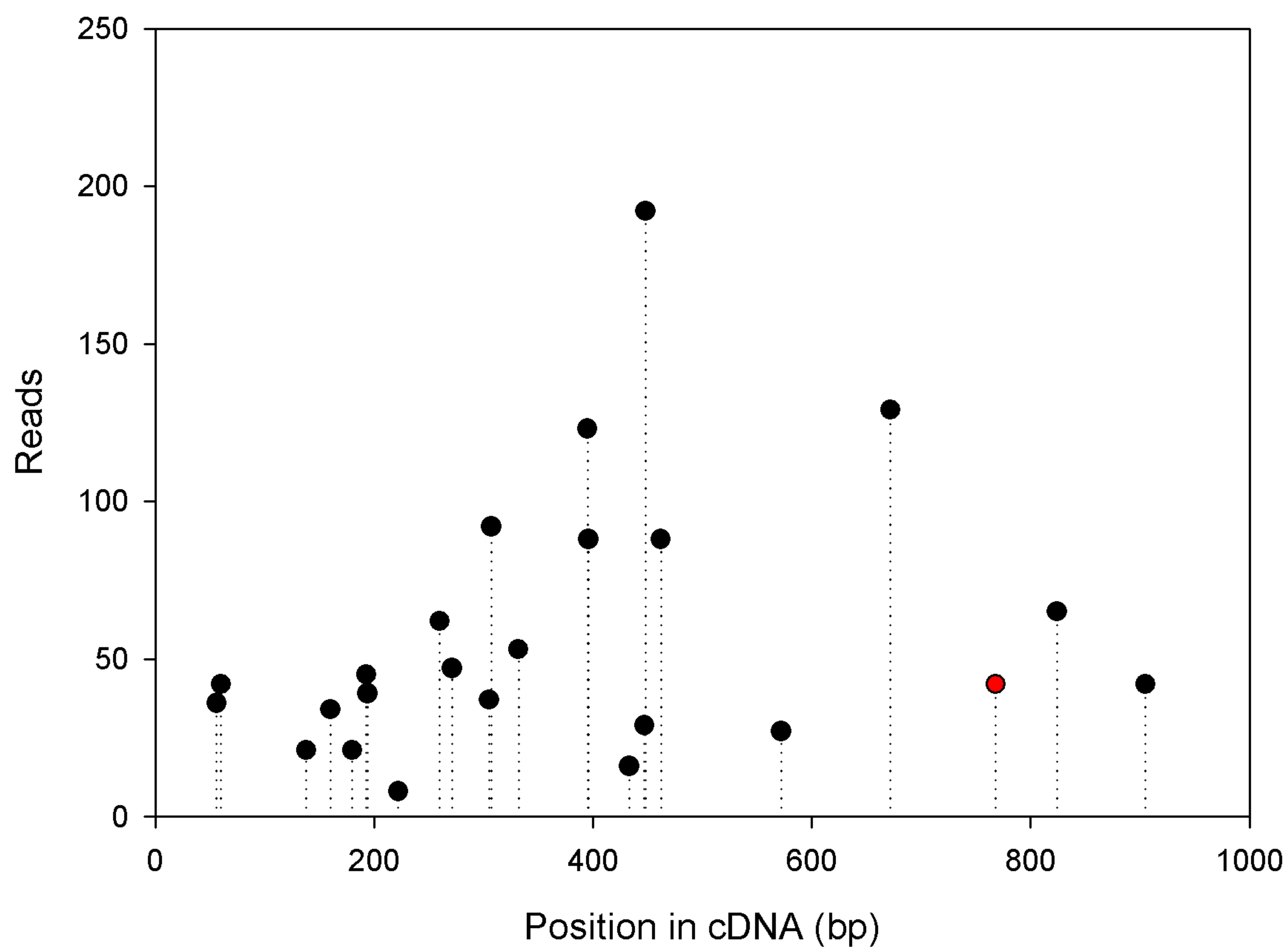
Orange1.1t03281.1

::: ::::::::::::::::::::

3' -----CUUGUGGAAAGAGUUAGAGAA 5'

Csi-miR482a-3p-Orange1.1t01918.1-29

Csi-miR482a-3p-Orange1.1t01918.1-6, target=Cs6g02560.1 gene=Cs6g02560
 Category:3
 Score:4
 Cleavage site:768

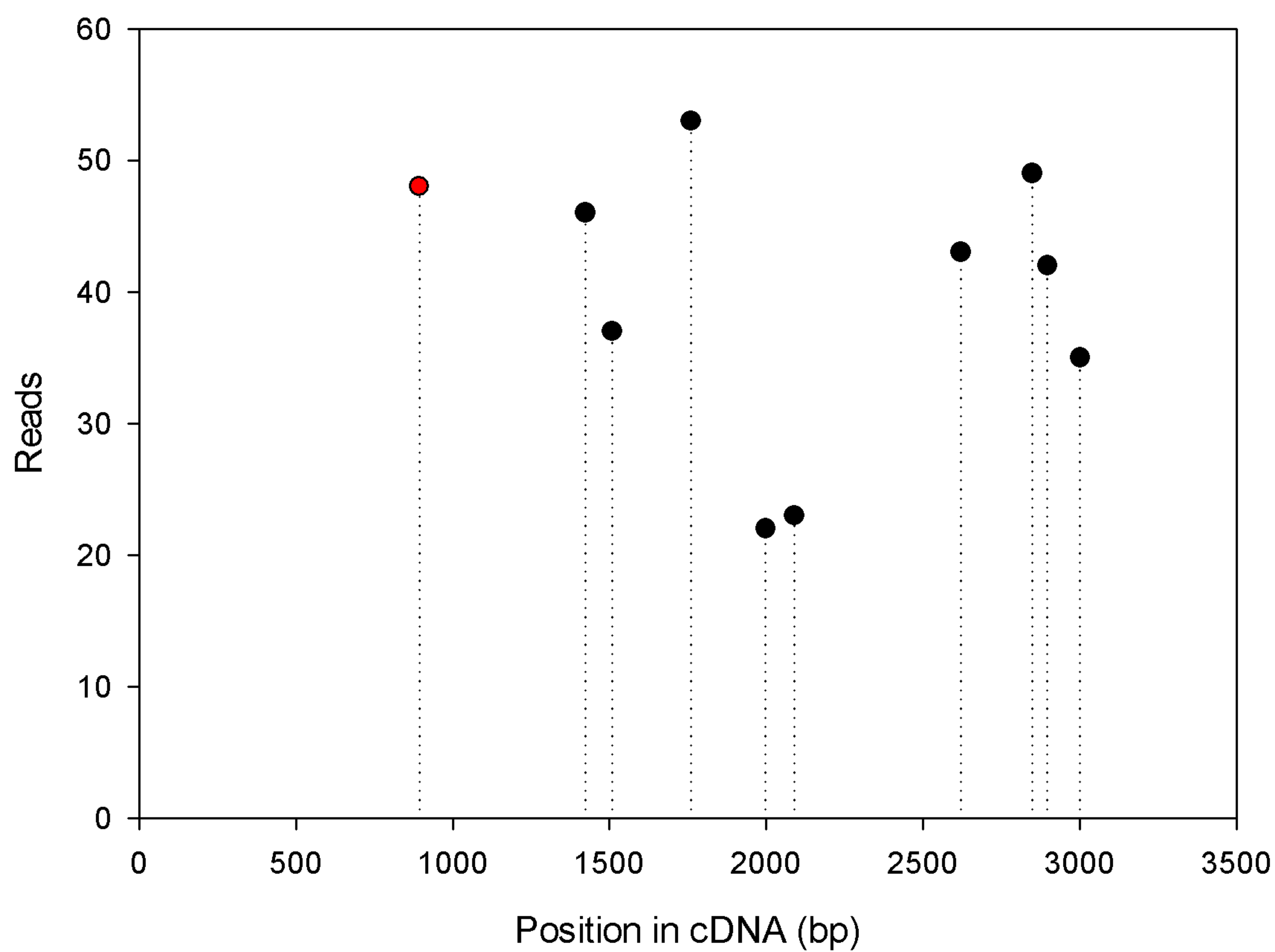


5' CCACAAUUGC UUUGGCAACACACAAA 3'
 : : : : : : : : : : : : : : : : : :
 3' GCUGGUAACGAAACCGUUGGG----- 5'

Cs6g02560.1

Csi-miR482a-3p-Orange1.1t01918.1-6

Csi-miR827.2-Cs5g10180.1-14, target=Cs7g18380.1 gene=Cs7g18380
 Category:3
 Score:4.5
 Cleavage site:894

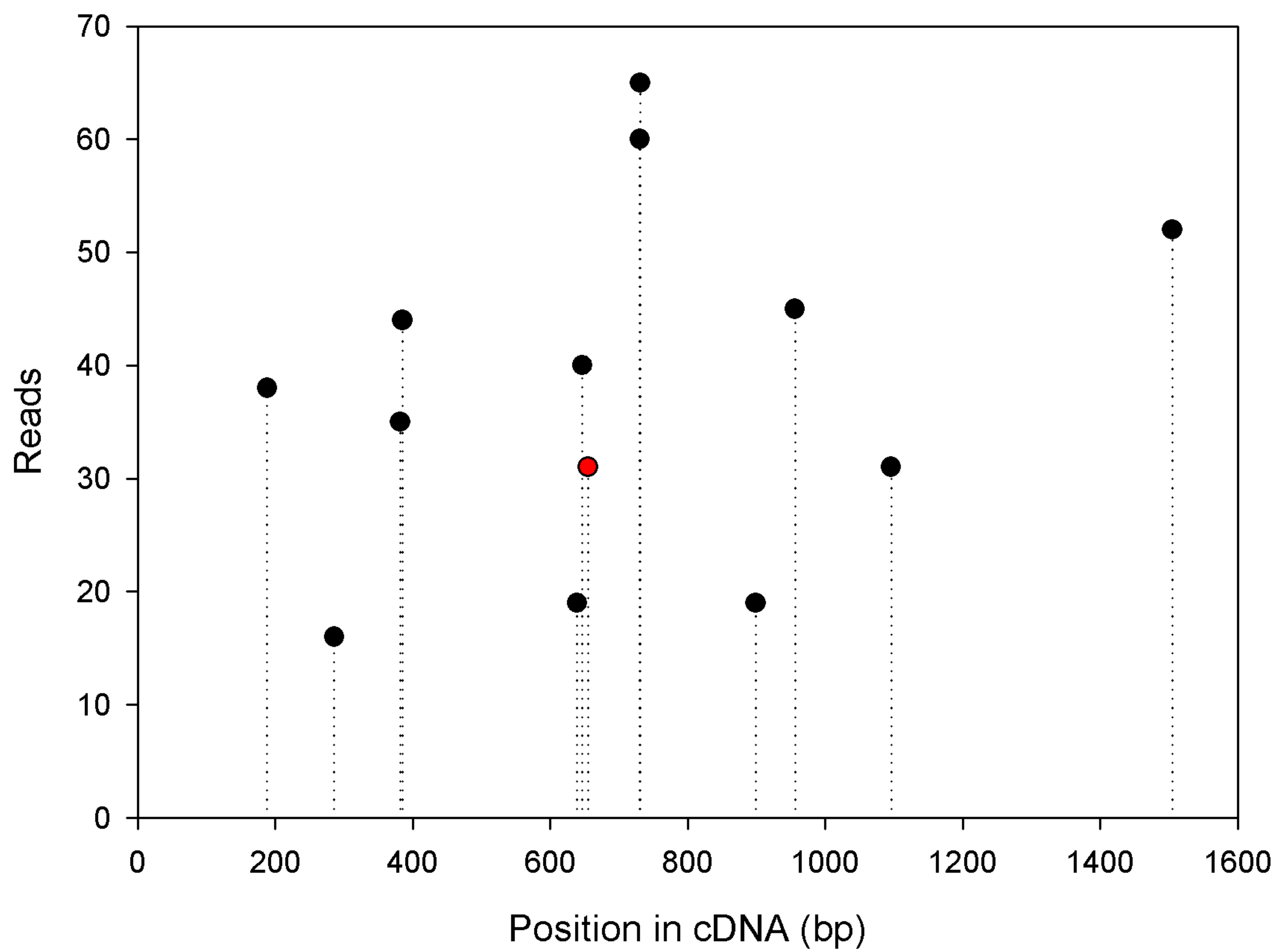


```
5' GAACAAUGCGUCUCAUGCUGUUCUCU 3'
   : : . . : : : : : : : : : : :
3' ----UUCUCGUAGUACGACAAGGGA 5'
```

Cs7g18380.1

Csi-miR827.2-Cs5g10180.1-14

Csi-miRN20-Cs3g05320.1-12, target=Cs1g17610.1 gene=Cs1g17610
 Category:3
 Score:5
 Cleavage site:655



```
5' ACGGCAGAAACCUGGGGUUGUCCAG 3'
   :  :  :  :  :  :  :  :  :  :
3' -GACGACUUUCGACUCCAACAG----- 5'
```

Cs1g17610.1

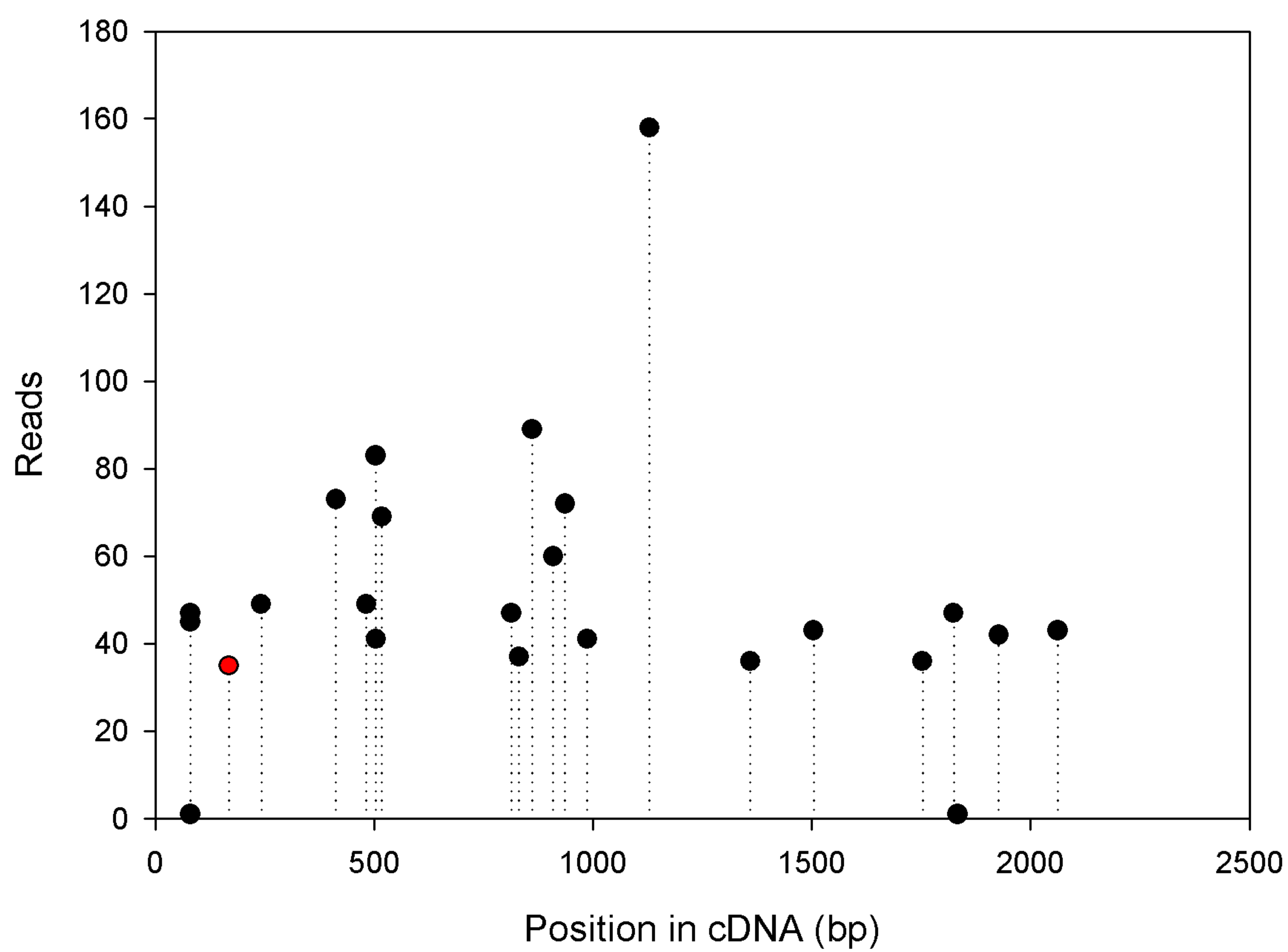
Csi-miRN20-Cs3g05320.1-12

Csi-miRN20-Cs3g05320.1-12, target=Cs2g28240.1 gene=Cs2g28240

Category:3

Score:5

Cleavage site:168



5' UUGGUCUGCUG-AAGCUGACGUUGGCG 3'

Cs2g28240.1

..... : : : :

3' -----GACGACUUUCGACUCCAACAG- 5'

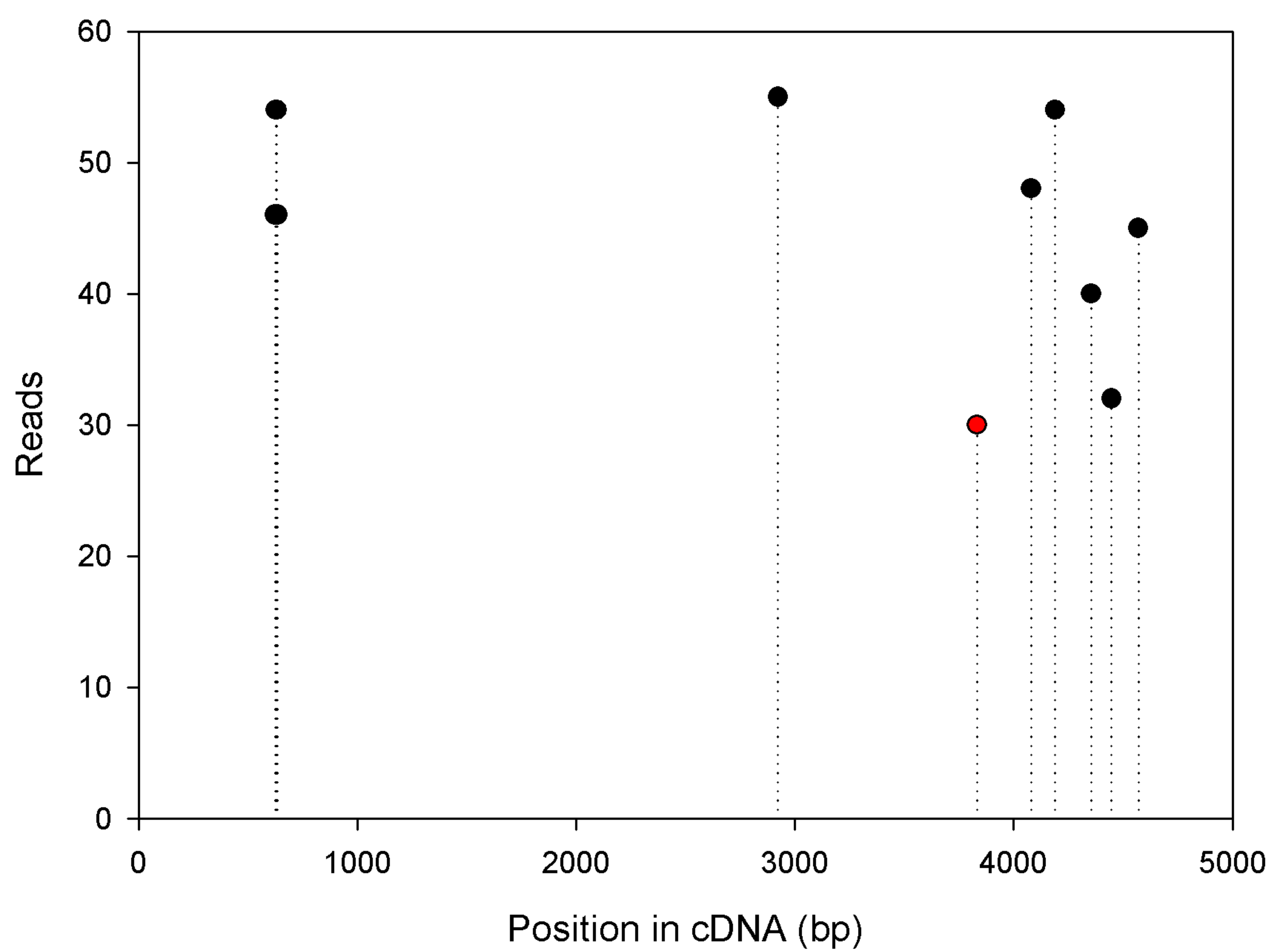
Csi-miRN20-Cs3g05320.1-12

Csi-miRN20-Cs3g05320.1-23, target=Cs7g19680.1 gene=Cs7g19680

Category:3

Score:4.5

Cleavage site:3832



5' GCCGUCCUAUUCU-CUCCAUACUGAU 3'

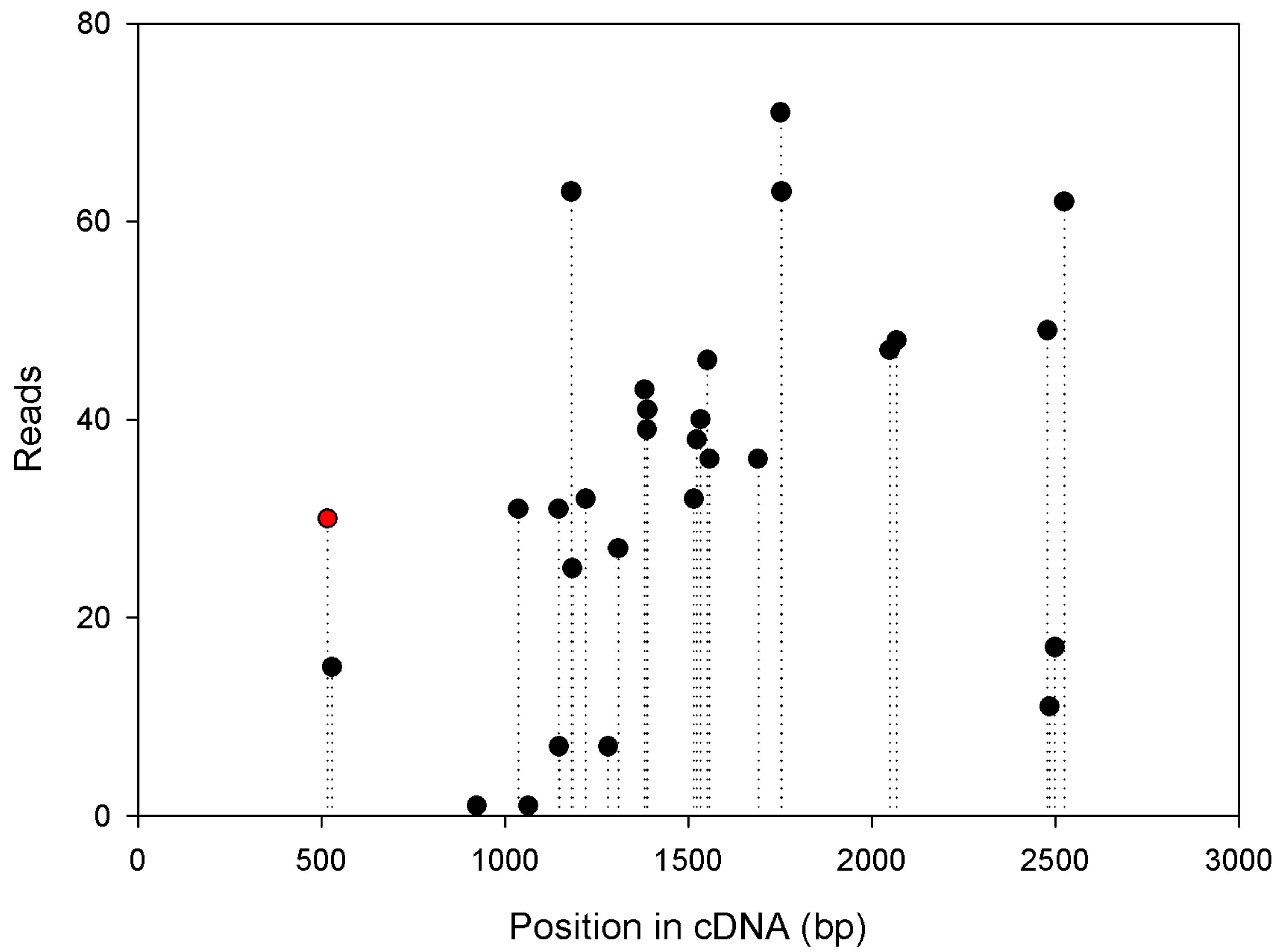
.....

3' -----UAUGAGAUGAAGGUAAGACUA 5'

Cs7g19680.1

Csi-miRN20-Cs3g05320.1-23

Csi-miRN20-Cs3g05320.1-26, target=Cs2g16940.1 gene=Cs2g16940
 Category:3
 Score:5
 Cleavage site:517



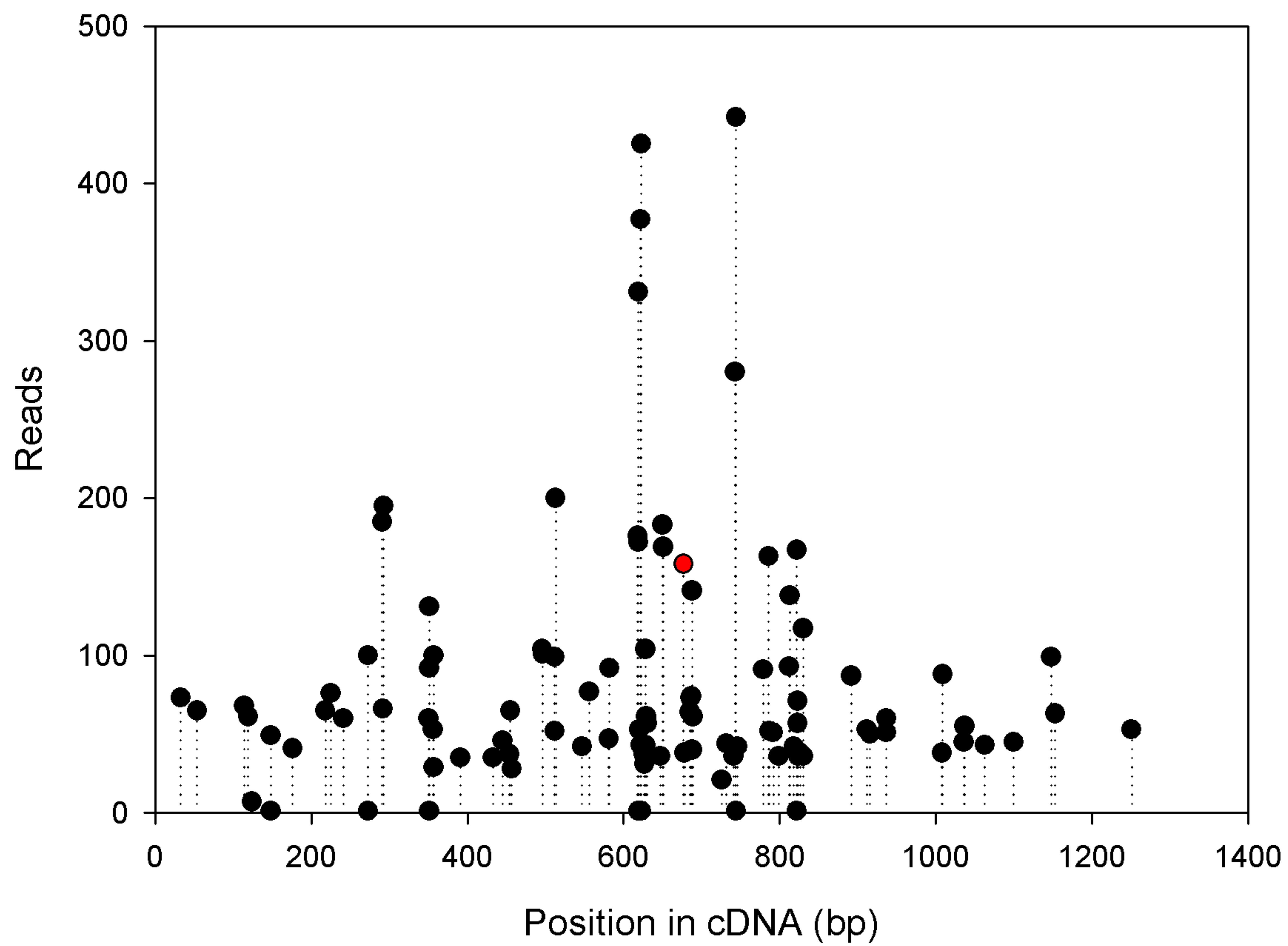
```

5' UAAAGCCUUCUCUUUGUUUCUGAGC 3'
   .. : : : : : : : : : : : : : :
3' --GUUAGAAGAGAGACAAAAGGU--- 5'
  
```

Cs2g16940.1

Csi-miRN20-Cs3g05320.1-26

Csi-miRN20-Cs3g05320.1-26, target=Cs6g18830.1 gene=Cs6g18830
 Category:3
 Score:5
 Cleavage site:677



5' GCACUCAACUUCUCUGUUUUCUACUA 3'
 :: :: : :::::::::::::::
 3' -GUUAGAAG-AGAGACAAAAGGU--- 5'

Cs6g18830.1

Csi-miRN20-Cs3g05320.1-26