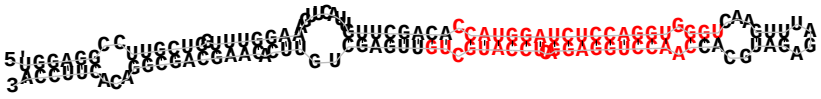
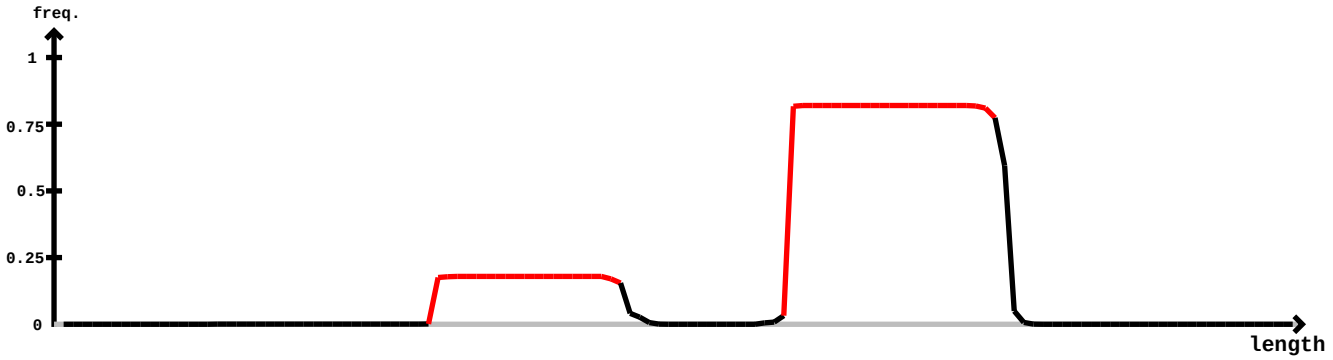
miRBase precursor : hsa-mir-490
Total read count : 1734
hsa-miR-490-3p read count : 1413
hsa-miR-490-5p read count : 311
remaining reads : 1423






hsa-miR-490-3p

hsa-miR-490-5p

```
5'- uggaggccuugcuggguuuggaaaguucauuguucgacaccauggaucuccaggugggucaaguuuagagaugcaccaaccuggaggacuccaugcuguugagcuguucacaagcagcggacacuucca  -3'    exp
    .(((((..((((((.(((((((........(((((((((.(((((((((((((((((.(((...(((....))))..))))..)))))))))..)))))))..)))))))).)))))))))..)))).)))))).    reads      mm
    ..............uuuggaaaguucauuguucgaca.....................................................................................................    1          0
    ....................................accauggaucuccaggugggu.....................................................................................    1          0
    ....................................ccauggaucuUcaggugg.........................................................................................    1          1
    ....................................ccauggaucuccaggAgg.........................................................................................    1          1
    ....................................ccauggaucuccaggugg.........................................................................................    12         0
    ....................................ccauggaucuccagUugg.........................................................................................    1          1
    ....................................ccauggaucuccaggugA.........................................................................................    1          1
    ....................................ccauggaucuccaggAggg........................................................................................    1          1
    ....................................ccauggaucuccagguggg........................................................................................    24         0
    ....................................ccauggaucuccagguggU........................................................................................    2          1
    ....................................ccauguaucuccaggugggu.......................................................................................    1          1
    ....................................ccauggaucuccaggAgggu.......................................................................................    1          1
    ....................................ccCuggaucuccaggugggu.......................................................................................    1          1
    ....................................ccauggaucuccaggCgggu.......................................................................................    1          1
    ....................................ccauggaucuccaggugUgu.......................................................................................    1          1
    ....................................ccaugAaucuccaggugggu.......................................................................................    1          1
    ....................................ccauggaucuccaggugggu.......................................................................................    174        0
    ....................................ccauggaucuccaggugggA.......................................................................................    1          1
    ....................................ccauggaucuccaggugggG.......................................................................................    2          1
    ....................................ccauggaucuUcaggugggu.......................................................................................    2          1
    ....................................ccauggaucuccaggugguu.......................................................................................    2          1
    ....................................ccauggaucuccaUgugggu.......................................................................................    2          1
    ....................................ccauggauUuccaggugggu.......................................................................................    1          1
    ....................................ccauggaucuccaggugggguU.....................................................................................    4          1
    ....................................ccauggaucuccaggugggguA.....................................................................................    20         1
    ....................................ccauggaucuccaggugggguc.....................................................................................    1          0
    ....................................ccauggaucuccaggugggucG.....................................................................................    1          1
    ....................................ccauggaucuccaggugggucU.....................................................................................    1          1
    ....................................ccauggaucuccagguggguca.....................................................................................    5          0
    ....................................ccauggaucuccagguggguAa.....................................................................................    25         1
    ....................................ccauggaucuccagguggguUa.....................................................................................    2          1
    ....................................ccauggaucuccagguggguUaa....................................................................................    2          1
    ....................................ccauggaucuccaggugggucaa....................................................................................    3          0
    ....................................ccauggaucuccaggugggucGa....................................................................................    1          1
```

hsa-miR-490-3p

hsa-miR-490-5p

uggaggccuugcuggguuuggaaaguucauuguucgacaccauggaucuccaggugggucaaguuuagagaugcaccaaccuggaggacuccaugcuguugagcuguucacaagcagcggacacuucca

| | | |
|---|---|---|
| .....ccauggaucuccaggugggucaU..... | 3 | 1 |
| .....ccauggaucuccagguggguAaa..... | 1 | 1 |
| .....ccauggaucuccagguggguGaag..... | 1 | 1 |
| .....cauggaucuccaggugggu..... | 5 | 0 |
| .....auggaucuccaggugggu..... | 1 | 0 |
| .....auggaucuccaggugggucC..... | 1 | 1 |
| .....caccaaccuggaggacuccaug..... | 1 | 0 |
| .....caccaaccuggaggacuccaugc..... | 1 | 0 |
| .....caccaaccuggagUacuccaugcu..... | 1 | 1 |
| .....caccaaccuggaggacuccaugcuU..... | 1 | 1 |
| .....caccaaccuggaUgacuccaugcugu..... | 1 | 1 |
| .....caccaaccuggaggacuccaugcugA..... | 1 | 1 |
| .....caccaaccugUaggacuccaugcugu..... | 1 | 1 |
| .....caccaaccuggaggacuccaugcugu..... | 2 | 0 |
| .....accaaccuggaggacuccaugcuU..... | 1 | 1 |
| .....accaaccuggaggacuccaugcug..... | 1 | 0 |
| .....accaaccuggaggacuccaugcugu..... | 3 | 0 |
| .....ccaaccuggaggacuccaugc..... | 1 | 0 |
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| .....ccaaccuggaggacuccaugcGg..... | 1 | 1 |
| .....ccaaccuggaggacuccaugcuU..... | 2 | 1 |
| .....ccaaccuggaggacuccaugcug..... | 11 | 0 |
| .....ccaaccuggCggacuccaugcug..... | 1 | 1 |
| .....ccaaccuggGggacuccaugcugu..... | 1 | 1 |
| .....ccaaccuggaggacuccaugcugA..... | 4 | 1 |
| .....ccaaccuggaggacuccaugcuCu..... | 1 | 1 |
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| .....caaccuggaggacuccaug..... | 2 | 0 |
| .....caaccuggaggacuccaugc..... | 10 | 0 |
| .....caaccuggaggacuccaCgc..... | 1 | 1 |
| .....caaccAggaggacuccaugc..... | 1 | 1 |
| .....caacUuggaggacuccaugcu..... | 1 | 1 |
| .....caaccuggaggacuccCugcu..... | 1 | 1 |
| .....caaccuggaUgacuccaugcu..... | 1 | 1 |
| .....caaccuggaggacuccaugcu..... | 54 | 0 |
| .....caaccuggaggacuccauUcu..... | 1 | 1 |
| .....caaccuggaggacuUcaugcu..... | 2 | 1 |
| .....caaccugAaggacuccaugcug..... | 1 | 1 |
| .....caaccuggaUgacuccaugcug..... | 2 | 1 |
| .....caaccuggagUacuccaugcug..... | 3 | 1 |
| .....caaccuggagCacuccaugcug..... | 2 | 1 |
| .....caaccuggaggaUuccaugcug..... | 1 | 1 |
| .....caaccuUgaggacuccaugcug..... | 2 | 1 |
| .....caaccuggaggacuccaugcuU..... | 10 | 1 |
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| .....caaccuggaggacuccCugcug..... | 1 | 1 |
| .....caaccuggaggCcuccaugcug..... | 2 | 1 |
| .....caaccugUaggacuccaugcug..... | 1 | 1 |
| .....cCaccuggaggacuccaugcug..... | 1 | 1 |
| .....caaccuggaggacuccaugcug..... | 259 | 0 |
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| .....caaccuggaggacuccaugcuA..... | 4 | 1 |
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| .....Gaaccuggaggacuccaugcugu..... | 1 | 1 |
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| .....caaccuggaggacuccaugcugC..... | 6 | 1 |
| .....caaccuggagUacuccaugcugu..... | 9 | 1 |
| .....caaccuggaggCcuccaugcugu..... | 4 | 1 |
| .....caaccuggaggaUuccaugcugu..... | 5 | 1 |
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| .....caaccugAaggacuccaugcugu..... | 1 | 1 |
| .....caaccuggaggacuccaugcuAu..... | 1 | 1 |
| .....caaccuUgaggacuccaugcugu..... | 4 | 1 |
| .....caaccuggaggacuccaugcugA..... | 193 | 1 |
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| .....caaccuggaCgacuccaugcugu..... | 3 | 1 |

hsa-miR-490-3p

hsa-miR-490-5p

uggaggccuugcugguuuggaaaguucauuguucgacaccauggaucuccaggugggucaaguuuagagaugcaccaaccuggaggacuccaugcuguugagcuguucacaagcagcggacacuucca

| | | |
|---|---|---|
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| .....caaccuggaggacuccaugUugu..... | 2 | 1 |
| .....caaccuggaggacuccaugcugG..... | 4 | 1 |
| .....Uaaccuggaggacuccaugcugu..... | 1 | 1 |
| .....caaccuggagCacuccaugcugu..... | 3 | 1 |
| .....caaccuggaggacuccauUcugu..... | 3 | 1 |
| .....caaccuggaggacuAcaugcugu..... | 1 | 1 |
| .....caaccuggaggacucAaugcugu..... | 1 | 1 |
| .....caaccuggaggacuccGugcugu..... | 2 | 1 |
| .....caaccuggaggacuUcaugcugu..... | 2 | 1 |
| .....caaccuggaggacuccauAcugu..... | 1 | 1 |
| .....caaccuggaggacCccaugcugu..... | 3 | 1 |
| .....caaccuggaggacuUaugcugu..... | 1 | 1 |
| .....cCaccuggaggacuccaugcugu..... | 2 | 1 |
| .....caaccuggaggacuccauCcugu..... | 2 | 1 |
| .....caaccuggaggacuccaugcuUu..... | 7 | 1 |
| .....caaccuAgaggacuccaugcugu..... | 1 | 1 |
| .....caacUuggaggacuccaugcugu..... | 2 | 1 |
| .....caaccuggaggacuccUugcugu..... | 1 | 1 |
| .....caaccuggaggGcuccaugcugu..... | 1 | 1 |
| .....cGaccuggaggacuccaugcugu..... | 3 | 1 |
| .....caaccugUaggacuccaugcugu..... | 4 | 1 |
| .....caaccuggaggacuccaugcCgu..... | 2 | 1 |
| .....caaccuggaUgacuccaugcugu..... | 6 | 1 |
| .....caaccuggaggacuccaugcuguG..... | 2 | 1 |
| .....caaccuggaggacuccaugcugGu..... | 1 | 1 |
| .....caaccuggagUacuccaugcuguu..... | 1 | 1 |
| .....caaccuggaggacuccaugcuguC..... | 1 | 1 |
| .....caaccuggaggacuccaugcuguA..... | 32 | 1 |
| .....caaccuggaggacuccaugcugAu..... | 10 | 1 |
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| .....caaccuggaggacuccaugcugCu..... | 1 | 1 |
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| .....caaccuggaggacuccaugcuguuU..... | 3 | 1 |
| .....caaccuggaggacuccaugcuguuA..... | 2 | 1 |
| .....caaccuggaggacuccaugcuguAg..... | 4 | 1 |
| .....caaccuggaggacuccaugcuguug..... | 2 | 0 |
| .....caaccuggaggacuccaugcuguuAa..... | 1 | 1 |
| .....aaccuggaggacuccaugcug..... | 1 | 0 |
| .....aaccuggaggacuccaugcugu..... | 3 | 0 |
| .....aaccuggaggacuccaugcugA..... | 1 | 1 |