miRBase precursor : bta-mir-99a
Total read count : 74100
hsa-miR-99a-5p read count : 1482
hsa-miR-99a-3p read count : 0
mmu-miR-99a-5p read count : 1482
rno-miR-99a-5p read count : 1482
gga-miR-99a-5p read count : 1482
gga-miR-99a-3p read count : 0
dre-miR-99 read count : 1482
mml-miR-99a-5p read count : 1482
mml-miR-99a-3p read count : 0
ptr-miR-99a read count : 1482
ggo-miR-99a read count : 1482
ppy-miR-99a read count : 1482
lla-miR-99a read count : 1482
mne-miR-99a read count : 1482
ppa-miR-99a read count : 1482
bta-miR-99a-5p read count : 1482
bta-miR-99a-3p read count : 0
xtr-miR-99 read count : 1482
pan-miR-99-5p read count : 1482
cfa-miR-99a read count : 1482
eca-miR-99a read count : 1482
ssc-miR-99a-5p read count : 1482
ssc-miR-99a-3p read count : 0
tgu-miR-99-5p read count : 1482
tgu-miR-99-3p read count : 0
aca-miR-99a-5p read count : 1482
aca-miR-99a-3p read count : 0
cgr-miR-99a-5p read count : 1482
cgr-miR-99a-3p read count : 0
ccr-miR-99 read count : 1482
ipu-miR-99 read count : 1482
oar-miR-99a read count : 1482
ssa-miR-99-5p read count : 1482
efu-miR-99a read count : 1482
cpi-miR-99a-5p read count : 1482
cpi-miR-99a-3p read count : 0
ami-miR-99a-5p read count : 1482
ami-miR-99a-3p read count : 0
cli-miR-99-5p read count : 1482
cli-miR-99-3p read count : 0
pbv-miR-99a-5p read count : 1482
chi-miR-99a-5p read count : 1482
chi-miR-99a-3p read count : 0
tch-miR-99a-5p read count : 1482
oha-miR-99a-5p read count : 1482
cja-miR-99 read count : 1482
pal-miR-99a-5p read count : 1482
pal-miR-99a-3p read count : 0
abu-miR-99b read count : 1482
mze-miR-99b read count : 1482
nbr-miR-99b read count : 1482
oni-miR-99b read count : 1482
pny-miR-99b read count : 1482
gmo-miR-99-5p read count : 1482
xla-miR-99-5p read count : 1482
cpo-miR-99a-5p read count : 1482
cpo-miR-99a-3p read count : 0
dno-miR-99a-5p read count : 1482
dno-miR-99a-3p read count : 0
ocu-miR-99a-5p read count : 1482
ocu-miR-99a-3p read count : 0
mmr-miR-99a read count : 1482
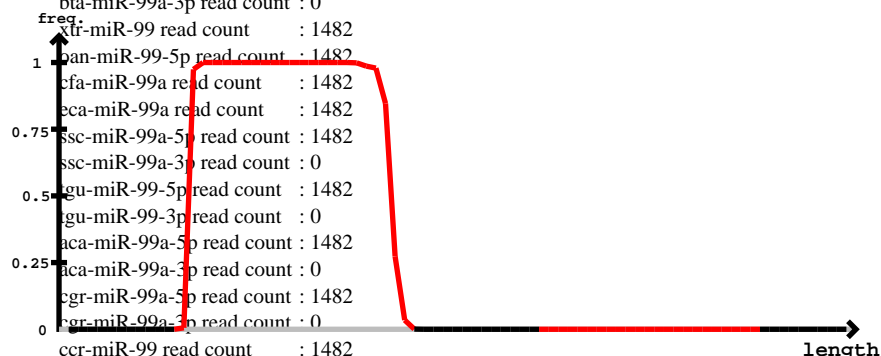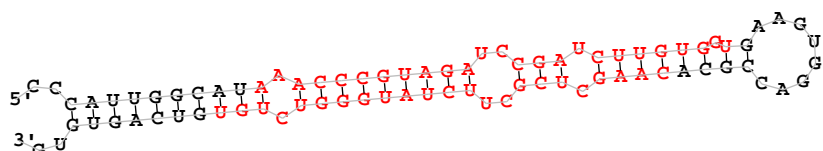nle-miR-99a read count : 1482
sbo-miR-99a read count : 1482
pha-miR-99a read count : 1482
oga-miR-99a read count : 1482
remaining reads : 0

                                                       cgr-miR-99a-3p
            gga-miR-99a-5p
cccauuggcauaaacccguagauccgaucuuguggugaaguggaccgcachigmiR98aeupugggucugugucagugug
                cfa-miR-99a
                cli-miR-99-5p
                xla-miR-99-5p
                oni-miR-99b
                ami-miR-99a-5p
                                                       dno-miR-99a-3p
                nbr-miR-99b
                xtr-miR-99
                mmu-miR-99a-5p
                cpo-miR-99a-5p
                ssc-miR-99a-5p
                ptr-miR-99a
                ocu-miR-99a-5p
                oan-miR-99-5p
            efu-miR-99a
                                                       pal-miR-99a-3p
                sbo-miR-99a
                gmo-miR-99-5p
                                                       aca-miR-99a-3p
                tch-miR-99a-5p
                mml-miR-99a-5p
                                                       cli-miR-99-3p
                oar-miR-99a
                tgu-miR-99-5p
                dno-miR-99a-5p
                dre-miR-99
                                                       gga-miR-99a-3p
                pny-miR-99b
                                                       ssc-miR-99a-3p
                eca-miR-99a
                oha-miR-99a-5p
                pha-miR-99a
                ccr-miR-99
                                                       cpo-miR-99a-3p
                                                       hsa-miR-99a-3p
                                                        mml-miR-99a-3p
                                                       ami-miR-99a-3p
                ggo-miR-99a
                                                       tgu-miR-99-3p
                chi-miR-99a-5p
                pbv-miR-99a-5p
                mze-miR-99b
                                                       bta-miR-99a-3p
                aca-miR-99a-5p
                lla-miR-99a
                cja-miR-99
                pal-miR-99a-5p
                cgr-miR-99a-5p
                mne-miR-99a
                bta-miR-99a-5p
                abu-miR-99b
                ppa-miR-99a
                mmr-miR-99a
                ipu-miR-99a
                rno-miR-99a-5p
                nle-miR-99a
                ssa-miR-99-5p
                                                       ocu-miR-99a-3p
                ppy-miR-99a
                                                       cpi-miR-99a-3p
                hsa-miR-99a-5p
                cpi-miR-99a-5p
                oga-miR-99a

............aacccguagauccgaucuugu...   34   0   F03
............aacccguagauccgaAcuugu...   109   1   F03
............aacccguagauccgaucuugC...   2   1   F03
............aacccguagauccgaucuugug...   4   0   F03
............aacccguagauccgaAcuugug...   107   1   F03

```
............aacccguagauccgaucuugugU...............................................    2          1        F03
............aacccguagauccgaucuugugA...............................................    8          1        F03
............aacccguagauccgaAcuugugg...............................................    3          1        F03
............acccguagauccgaAcuug...................................................    1          1        F03
............acccguagauccgaAcuugu..................................................    2          1        F03
```

cgr-miR-99a-3p

gga-miR-99a-5p

cccauuggcauaaacccguagauccgaucuuguggugaaguggaccgcachsa-miR-99a-5pugggucugugucagugug

cfa-miR-99a

cli-miR-99-5p

xla-miR-99-5p

oni-miR-99b

ami-miR-99a-5p

dno-miR-99a-3p

nbr-miR-99b

xtr-miR-99

mmu-miR-99a-5p

cpo-miR-99a-5p

ssc-miR-99a-5p

ptr-miR-99a

ocu-miR-99a-5p

oan-miR-99-5p

efu-miR-99a

pal-miR-99a-3p

sbo-miR-99a

gmo-miR-99-5p

aca-miR-99a-3p

tch-miR-99a-5p

mml-miR-99a-5p

cli-miR-99-3p

oar-miR-99a

tgu-miR-99-5p

dno-miR-99a-5p

dre-miR-99

gga-miR-99a-3p

pny-miR-99b

ssc-miR-99a-3p

eca-miR-99a

oha-miR-99a-5p

pha-miR-99a

ccr-miR-99

cpo-miR-99a-3p

hsa-miR-99a-3p

mml-miR-99a-3p

ami-miR-99a-3p

ggo-miR-99a

tgu-miR-99-3p

chi-miR-99a-5p

pbv-miR-99a-5p

mze-miR-99b

bta-miR-99a-3p

aca-miR-99a-5p

lla-miR-99a

cja-miR-99

pal-miR-99a-5p

cgr-miR-99a-5p

mne-miR-99a

bta-miR-99a-5p

abu-miR-99b

ppa-miR-99a

mmr-miR-99a

ipu-miR-99a

rno-miR-99a-5p

nle-miR-99a

ssa-miR-99-5p

ocu-miR-99a-3p

ppy-miR-99a

cpi-miR-99a-3p

hsa-miR-99a-5p

cpi-miR-99a-5p

oga-miR-99a

```
...........aacccguagauccgaAcu.....................................    7       1       F02
...........aacccguagauccgaAcuu....................................    1       1       F02
...........aacccguagauccgaGcuug...................................    1       1       F02
...........aacccguagauccgaAcuug..aaguggaccgcac...ugggucugugucagugug   40      1       F02
...........aacccguagaucUgaucuuguu.................................    1       1       F02
```

```
...........aacccguagauccgaCcuugu...............................................    1       1       F02
...........aacccguagauccgaAcuugug..............................................    120     1       F02
...........aacccguagauccgaucuugug..............................................    2       0       F02
...........aacccguagauccgaucuuguggA............higmiRe90aeupugggucuguugucagugug    13      1       F02
...........aacccguagauccgaAcuuggg..............................................    3       1       F02
```

<pre>
                                              cgr-miR-99a-3p
           gga-miR-99a-5p
cccauuggcauaaacccguagauccgaucuuguggugaaguggaccgcahismiR99aeupugggucugugucagugug
               cfa-miR-99a
               cli-miR-99-5p
               xla-miR-99-5p
               oni-miR-99b
               ami-miR-99a-5p
                                              dno-miR-99a-3p
               nbr-miR-99b
               xtr-miR-99
               mmu-miR-99a-5p
               cpo-miR-99a-5p
               ssc-miR-99a-5p
               ptr-miR-99a
               ocu-miR-99a-5p
               oan-miR-99-5p
           efu-miR-99a
                                              pal-miR-99a-3p
               sbo-miR-99a
               gmo-miR-99-5p
                                              aca-miR-99a-3p
               tch-miR-99a-5p
               mml-miR-99a-5p
                                              cli-miR-99-3p
               oar-miR-99a
               tgu-miR-99-5p
               dno-miR-99a-5p
               dre-miR-99
                                              gga-miR-99a-3p
               pny-miR-99b
                                              ssc-miR-99a-3p
               eca-miR-99a
               oha-miR-99a-5p
               pha-miR-99a
               ccr-miR-99
                                              cpo-miR-99a-3p
                                              hsa-miR-99a-3p
                                               mml-miR-99a-3p
                                              ami-miR-99a-3p
               ggo-miR-99a
                                              tgu-miR-99-3p
               chi-miR-99a-5p
               pbv-miR-99a-5p
               mze-miR-99b
                                              bta-miR-99a-3p
               aca-miR-99a-5p
               lla-miR-99a
               cja-miR-99
               pal-miR-99a-5p
               cgr-miR-99a-5p
               mne-miR-99a
               bta-miR-99a-5p
               abu-miR-99b
               ppa-miR-99a
               mmr-miR-99a
               ipu-miR-99a
               rno-miR-99a-5p
               nle-miR-99a
               ssa-miR-99-5p
                                              ocu-miR-99a-3p
               ppy-miR-99a
                                              cpi-miR-99a-3p
               hsa-miR-99a-5p
               cpi-miR-99a-5p
               oga-miR-99a

............aacccguagauccgaucuugugU..   1   1   F02
............aacccguagauccgaucuugugC..   1   1   F02
............acccguagauccgaAcuug..   1   1   F02
............acccguagauccgaAcuugu...   13   1   F02
............acccguagauccgaAcuugug..   5   1   F02
</pre>

cgr-miR-99a-3p

gga-miR-99a-5p

cccauuggcau aaacccguagauccgaucuuguggu gaaguggaccgcac uagmiRegfaetup ugggucugu gucagugug

cfa-miR-99a

cli-miR-99-5p

xla-miR-99-5p

oni-miR-99b

ami-miR-99a-5p

dno-miR-99a-3p

nbr-miR-99b

xtr-miR-99

mmu-miR-99a-5p

cpo-miR-99a-5p

ssc-miR-99a-5p

ptr-miR-99a

ocu-miR-99a-5p

oan-miR-99-5p

efu-miR-99a

pal-miR-99a-3p

sbo-miR-99a

gmo-miR-99-5p

aca-miR-99a-3p

tch-miR-99a-5p

mml-miR-99a-5p

cli-miR-99-3p

oar-miR-99a

tgu-miR-99-5p

dno-miR-99a-5p

dre-miR-99

gga-miR-99a-3p

pny-miR-99b

ssc-miR-99a-3p

eca-miR-99a

oha-miR-99a-5p

pha-miR-99a

ccr-miR-99

cpo-miR-99a-3p

hsa-miR-99a-3p

mml-miR-99a-3p

ami-miR-99a-3p

ggo-miR-99a

tgu-miR-99-3p

chi-miR-99a-5p

pbv-miR-99a-5p

mze-miR-99b

bta-miR-99a-3p

aca-miR-99a-5p

lla-miR-99a

cja-miR-99

pal-miR-99a-5p

cgr-miR-99a-5p

mne-miR-99a

bta-miR-99a-5p

abu-miR-99b

ppa-miR-99a

mmr-miR-99a

ipu-miR-99a

rno-miR-99a-5p

nle-miR-99a

ssa-miR-99-5p

ocu-miR-99a-3p

ppy-miR-99a

cpi-miR-99a-3p

hsa-miR-99a-5p

cpi-miR-99a-5p

oga-miR-99a

```
...........aaacccguagauccgaucuugu....................................................   2        0        F01
...........aacccguagauccgaAcu........................................................   6        1        F01
...........aacccguagauccgaAcuu.......................................................   3        1        F01
...........aacccguagauccgaGcuug......................................................   1        1        F01
```

                                                    cgr-miR-99a-3p
            gga-miR-99a-5p
cccauuggcauaaacccguagauccgaucuuguggugaaguggaccgcachigmiRe99ae6puggggucugugucagugug
            cfa-miR-99a
            cli-miR-99-5p
            xla-miR-99-5p
            oni-miR-99b
            ami-miR-99a-5p
                                                    dno-miR-99a-3p
            nbr-miR-99b
            xtr-miR-99
            mmu-miR-99a-5p
            cpo-miR-99a-5p
            ssc-miR-99a-5p
            ptr-miR-99a
            ocu-miR-99a-5p
            oan-miR-99-5p
        efu-miR-99a
                                                    pal-miR-99a-3p
            sbo-miR-99a
            gmo-miR-99-5p
                                                    aca-miR-99a-3p
            tch-miR-99a-5p
            mml-miR-99a-5p
                                                    cli-miR-99-3p
            oar-miR-99a
            tgu-miR-99-5p
            dno-miR-99a-5p
            dre-miR-99
                                                    gga-miR-99a-3p
            pny-miR-99b
                                                    ssc-miR-99a-3p
            eca-miR-99a
            oha-miR-99a-5p
            pha-miR-99a
            ccr-miR-99
                                                    cpo-miR-99a-3p
                                                    hsa-miR-99a-3p
                                                     mml-miR-99a-3p
                                                    ami-miR-99a-3p
            ggo-miR-99a
                                                    tgu-miR-99-3p
            chi-miR-99a-5p
            pbv-miR-99a-5p
            mze-miR-99b
                                                    bta-miR-99a-3p
            aca-miR-99a-5p
            lla-miR-99a
            cja-miR-99
            pal-miR-99a-5p
            cgr-miR-99a-5p
            mne-miR-99a
            bta-miR-99a-5p
            abu-miR-99b
            ppa-miR-99a
            mmr-miR-99a
            ipu-miR-99a
            rno-miR-99a-5p
            nle-miR-99a
            ssa-miR-99-5p
                                                    ocu-miR-99a-3p
            ppy-miR-99a
                                                    cpi-miR-99a-3p
            hsa-miR-99a-5p
            cpi-miR-99a-5p
            oga-miR-99a

...........aacccguagauccgaAcuug..   62   1   F01
...........aacccguagauccgaucuugC...   4   1   F01
...........aacccguagauccgaAcuugu...   334   1   F01
...........aacccguagauccgaucuugu.....aaguggaccgcachigmiRe99ae6puggggucugugucagugug   21   0   F01
...........aacccguagauccgaGcuugu...   5   1   F01

<pre>
                                              cgr-miR-99a-3p
          gga-miR-99a-5p
cccauuggcauaaacccguagauccgaucuuguggugaaguggaccgcachsa-miR-99aupugggucugugucagugug
             cfa-miR-99a
             cli-miR-99-5p
             xla-miR-99-5p
             oni-miR-99b
             ami-miR-99a-5p
                                              dno-miR-99a-3p
             nbr-miR-99b
             xtr-miR-99
             mmu-miR-99a-5p
             cpo-miR-99a-5p
             ssc-miR-99a-5p
             ptr-miR-99a
             ocu-miR-99a-5p
             oan-miR-99-5p
          efu-miR-99a
                                              pal-miR-99a-3p
             sbo-miR-99a
             gmo-miR-99-5p
                                              aca-miR-99a-3p
             tch-miR-99a-5p
             mml-miR-99a-5p
                                              cli-miR-99-3p
             oar-miR-99a
             tgu-miR-99-5p
             dno-miR-99a-5p
             dre-miR-99
                                              gga-miR-99a-3p
             pny-miR-99b
                                              ssc-miR-99a-3p
             eca-miR-99a
             oha-miR-99a-5p
             pha-miR-99a
             ccr-miR-99
                                              cpo-miR-99a-3p
                                              hsa-miR-99a-3p
                                               mml-miR-99a-3p
                                              ami-miR-99a-3p
             ggo-miR-99a
                                              tgu-miR-99-3p
             chi-miR-99a-5p
             pbv-miR-99a-5p
             mze-miR-99b
                                              bta-miR-99a-3p
             aca-miR-99a-5p
             lla-miR-99a
             cja-miR-99
             pal-miR-99a-5p
             cgr-miR-99a-5p
             mne-miR-99a
             bta-miR-99a-5p
             abu-miR-99b
             ppa-miR-99a
             mmr-miR-99a
             ipu-miR-99a
             rno-miR-99a-5p
             nle-miR-99a
             ssa-miR-99-5p
                                              ocu-miR-99a-3p
             ppy-miR-99a
                                              cpi-miR-99a-3p
             hsa-miR-99a-5p
             cpi-miR-99a-5p
             oga-miR-99a

...........aacccguagauccgaucuugG..   1   1   F01
...........aacccgAagauccgaucuugu..   1   1   F01
...........aacccguagauccgaAcuugug...   111   1   F01
...........aacccguagaucUgaucuugug...................gaaguggaccgcachsa-miR-99aupugggucugu   1   1   F01
...........aacccguagauccgaAcuuggg...   7   1   F01
</pre>

```
...........aacccguagauccgaucuugugU............................................  1        1       F01
...........aacccguagauccgaucuugugA............................................  11       1       F01
...........aacccguagauccgaucuuguggA...........................................  1        1       F01
...........acccguagauccgaAcuug................................................  1        1       F01
...........acccguagauccgaAcuugu...............................................  11       1       F01
```

cgr-miR-99a-3p

gga-miR-99a-5p

cccauuggcauaaacccguagauccgaucuuguggugaaguggaccgcachigmiRe99neupugggucugugucagugug

cfa-miR-99a

cli-miR-99-5p

xla-miR-99-5p

oni-miR-99b

ami-miR-99a-5p

dno-miR-99a-3p

nbr-miR-99b

xtr-miR-99

mmu-miR-99a-5p

cpo-miR-99a-5p

ssc-miR-99a-5p

ptr-miR-99a

ocu-miR-99a-5p

oan-miR-99-5p

efu-miR-99a

pal-miR-99a-3p

sbo-miR-99a

gmo-miR-99-5p

aca-miR-99a-3p

tch-miR-99a-5p

mml-miR-99a-5p

cli-miR-99-3p

oar-miR-99a

tgu-miR-99-5p

dno-miR-99a-5p

dre-miR-99

gga-miR-99a-3p

pny-miR-99b

ssc-miR-99a-3p

eca-miR-99a

oha-miR-99a-5p

pha-miR-99a

ccr-miR-99

cpo-miR-99a-3p

hsa-miR-99a-3p

mml-miR-99a-3p

ami-miR-99a-3p

ggo-miR-99a

tgu-miR-99-3p

chi-miR-99a-5p

pbv-miR-99a-5p

mze-miR-99b

bta-miR-99a-3p

aca-miR-99a-5p

lla-miR-99a

cja-miR-99

pal-miR-99a-5p

cgr-miR-99a-5p

mne-miR-99a

bta-miR-99a-5p

abu-miR-99b

ppa-miR-99a

mmr-miR-99a

ipu-miR-99a

rno-miR-99a-5p

nle-miR-99a

ssa-miR-99-5p

ocu-miR-99a-3p

ppy-miR-99a

cpi-miR-99a-3p

hsa-miR-99a-5p

cpi-miR-99a-5p

oga-miR-99a

............acccguagauccgaAcuugug...   1   1   F01