miRBase precursor   : bta-mir-34c
Total read count   : 20876
mmu-miR-34c-5p read count 614
hsa-miR-34c-5p read count : 614
hsa-miR-34c-3p read count : 0
rno-miR-34c-5p read count : 614
gga-miR-34c-5p read count : 614
bta-miR-34c read count   : 614
oan-miR-34a-5p read count : 614
mml-miR-34c-5p read count 614
mml-miR-34c-3p read count 0
cfa-miR-34c read count   : 614
ptr-miR-34c read count   : 0
eca-miR-34c read count   : 614
ssc-miR-34c read count   : 614
tgu-miR-34b read count   : 614
ppy-miR-34c-5p read count : 614
ppy-miR-34c-3p read count : 0
aca-miR-34a-5p read count : 614
aca-miR-34c-5p read count : 614
cgr-miR-34c-5p read count : 614
cgr-miR-34c-3p read count : 0
ggo-miR-34c read count   : 614
ndo-miR-34c-5p read count 614
cpi-miR-34b-5p read count : 614
cpi-miR-34c-5p read count : 614
ami-miR-34b-5p read count: 614
ami-miR-34c-5p read count : 614
cli-miR-34c-5p read count : 614
chi-miR-34c-5p read count : 614
chi-miR-34c-3p read count : 0
tch-miR-34c-5p read count : 614
cja-miR-34c read count   : 614
pal-miR-34c-5p read count : 614
pal-miR-34c-3p read count : 0
xla-miR-34b-5p read count : 614
cpo-miR-34c-5p read count : 614
cpo-miR-34c-3p read count : 0
dno-miR-34c-5p read count 614
dno-miR-34c-3p read count : 0
ocu-miR-34c-5p read count 614
ocu-miR-34c-3p read count 0
ppa-miR-34c read count   : 614
mmr-miR-34c read count   : 614
nle-miR-34c read count   : 614
oga-miR-34c read count   : 614
remaining reads   : 0

```
5'- agucuaguuacuaggcaguguaguuagcugauugcuaauaauaccaaucacuaaccacacggccagguaaaaagauu  -3'      exp
    (((((..(((((.(((.((((.(((((.(((((((.((....)).))))))))))).)))).)))).)))))..)))))      reads      mm        sample
    ..........cuaggcaguguaguuagcugau..............................................      1           0          F03
```

```
..........cuaggcaguguaguuagcugaGu...........................................    1    1    F03
..........cuaggcaguguaguuagcugauu...........................................    3    0    F03
..........uaggcaguguaguuagcugauA............................................    1    1    F03
..........uaggcaguguaguuagcugauC............................................    1    1    F03
..........uaggcaguguaguuagcugauugU..........................................    1    1    F03
..........uaggcaguguaguuGgcgauugc...........................................    1    1    F03
...........aggcaguguaguuagcuga..............................................    1    0    F03
...........Gggcaguguaguuagcugau.............................................    1    1    F03
...........aggcaguguaguuagcugauC............................................    4    1    F03
...........aggcaguguaguuagcugauu............................................   40    0    F03
...........aggcagCguaguuagcugauu............................................    1    1    F03
...........aggcaguguaguuagcugGuu............................................    2    1    F03
...........aggcagAguaguuagcugauug...........................................    1    1    F03
...........aggcaguguaguuagcugauug...........................................   23    0    F03
............Gggcaguguaguuagcugauug..........................................    1    1    F03
...........aggcaguguaguuagAuugauug..........................................    1    1    F03
...........aggcaguguaguuagcugauuA...........................................    2    1    F03
...........aggcaguguaguuagcugauugA..........................................    4    1    F03
...........aggcaguguaguuaAcugauugc..........................................    1    1    F03
...........aggcagugAaguuagcugauugc..........................................    1    1    F03
...........aggcaguguaguuagcugauugc..........................................   98    0    F03
...........aggcagAguaguuagcugauugc..........................................    1    1    F03
...........aggcaguguaAuuagcugauugc..........................................    1    1    F03
...........aggcaguguaguuagcugauugU..........................................   17    1    F03
............Gggcaguguaguuagcugauugc.........................................    3    1    F03
agucuaguuacuaggcaguAuaguuagcugauugc....auaauaaccpanemiBa34cacacggccagguaaaaauu    1    1    F03
...........aggcaguguaguCagcugauugc..........................................    1    1    F03
```

```
                    mmr-miR-34c
                    aca-miR-34a-5p
agucuaguuacuaggcaguguaguuagcugauugcuaauaauaccpre-miR-34cacacggccagguaaaaagauu
                    ssc-miR-34c
                    cpi-miR-34b-5p
                    mdo-miR-34c-5p
                    cja-miR-34c
                    hsa-miR-34c-5p
                    ppy-miR-34c-5p
                    bta-miR-34c
                    oga-miR-34c
                    gga-miR-34c-5p
                    cfa-miR-34c
                    nle-miR-34c
                    xla-miR-34b-5p
                                        pal-miR-34c-3p
                    aca-miR-34c-5p
                    cli-miR-34c-5p
                    mml-miR-34c-5p
                    cgr-miR-34c-5p
                    cpo-miR-34c-5p
                    eca-miR-34c
                    cpi-miR-34c-5p
                    rno-miR-34c-5p
                    ppa-miR-34c
                                        cgr-miR-34c-3p
                    dno-miR-34c-5p
                    ami-miR-34c-5p
                                        chi-miR-34c-3p
                    pal-miR-34c-5p
                                        mml-miR-34c-3p
                    ami-miR-34b-5p
                    chi-miR-34c-5p
                                        hsa-miR-34c-3p
                    ocu-miR-34c-5p
                                        dno-miR-34c-3p
                                        ppy-miR-34c-3p
                    tgu-miR-34b
                                        ocu-miR-34c-3p
                    tch-miR-34c-5p
                                        cpo-miR-34c-3p
                    mmu-miR-34c-5p
                    ggo-miR-34c
                    oan-miR-34a-5p
```

```
...........aggcaguguaguuagcugauugcu..........................................    5     0     F03
...........aggcaguguaguuagcugauugcA..........................................    8     1     F03
...........aggcaguguaguuagcugauugcG.........................................     1     1     F03
...........aggcaguguaguuagcugauuGUu..........................................    2     1     F03

..........cuaggcaguguaguuagcugauu...........................................    1     0     F02
..........uaggcaguguaguuagcugauu............................................    1     0     F02
..........uaggcaguguaguuagcugauuGU..........................................    1     1     F02
..........uaggcaguguaguuagcugauuGUu.........................................    1     1     F02
..........aggcaguguaguuagcuga...............................................    2     0     F02
..........aggcaguguaguuagcugau..............................................    1     0     F02
..........aggAaguguaguuagcugauu.............................................    1     1     F02
..........aggcaguguaguuagcugauu.............................................   39     0     F02
..........aggcaguguagCuagcugauu.............................................    1     1     F02
..........aggcagugAaguuagcugauu.............................................    1     1     F02
..........aggcaguguaguuagcugauC.............................................    3     1     F02
..........aggcaguguaguuagcugauug............................................   10     0     F02
..........aggcaguguaguuagcugauuA............................................    1     1     F02
..........aggcaguguaAuuagcugauugc...........................................    1     1     F02
..........aggcaguguaguuagcugauugA...........................................    5     1     F02
..........aggcaguguaguuagcugauugU...........................................   13     1     F02
..........aggcaguguaguCagcugauugc...........................................    1     1     F02
..........aggcaguguaguuagcugGuugc...........................................    1     1     F02
..........aggcaguguaguuagcGguugc............................................    1     1     F02
..........aggcaguguaguAagcugauugc...........................................    1     1     F02
agucuaguuacuaggcagugAaguuagcugauugc....uaauaauaccpre-miR-34cacacggccagguaaaaagauu    2     1     F02
..........aggcaguguaguuagcugauugc...........................................   92     0     F02
```

```
                        mmr-miR-34c
                        aca-miR-34a-5p
agucuaguuacuaggcaguguaguuagcugauugcuaauaauaccaueucRadcacacggccagguaaaaagauu
                        ssc-miR-34c
                        cpi-miR-34b-5p
                        mdo-miR-34c-5p
                        cja-miR-34c
                        hsa-miR-34c-5p
                        ppy-miR-34c-5p
                        bta-miR-34c
                        oga-miR-34c
                        gga-miR-34c-5p
                        cfa-miR-34c
                        nle-miR-34c
                        xla-miR-34b-5p
                                                pal-miR-34c-3p
                        aca-miR-34c-5p
                        cli-miR-34c-5p
                        mml-miR-34c-5p
                        cgr-miR-34c-5p
                        cpo-miR-34c-5p
                        eca-miR-34c
                        cpi-miR-34c-5p
                        rno-miR-34c-5p
                        ppa-miR-34c
                                                cgr-miR-34c-3p
                        dno-miR-34c-5p
                        ami-miR-34c-5p
                                                chi-miR-34c-3p
                        pal-miR-34c-5p
                                                mml-miR-34c-3p
                        ami-miR-34b-5p
                        chi-miR-34c-5p
                                                hsa-miR-34c-3p
                        ocu-miR-34c-5p
                                                dno-miR-34c-3p
                                                ppy-miR-34c-3p
                        tgu-miR-34b
                                                ocu-miR-34c-3p
                        tch-miR-34c-5p
                                                cpo-miR-34c-3p
                        mmu-miR-34c-5p
                        ggo-miR-34c
                        oan-miR-34a-5p


..........Gggcaguguaguuagcugauugc.......................................        1       1       F02
..........aggcaguguagCuagcugauugc.......................................        1       1       F02
..........aggcaguguaguuagcugauugcG......................................        1       1       F02
..........aggcaguguaguuagcugauugcA......................................        4       1       F02
..........aggcagugAaguuagcugauugcu......................................        1       1       F02
..........aggcaguguaguuagcugauugcuaU....................................        1       1       F02

........cuaggcaguguaguuagcugauu.........................................        3       0       F01
........cuaggcagAguaguuagcugauu.........................................        1       1       F01
........uaggcaguguaguuagcuga............................................        1       0       F01
........uaggcaguguaguuagcugauu..........................................        1       0       F01
..........Caggcaguguaguuagcugauugc......................................        1       1       F01
........uaggcaguguaguuagcugauugU........................................        2       1       F01
..........aggcaguguaguuagcugau.........................................         4       0       F01
..........aggcaguguaguuagAugauu.........................................        1       1       F01
..........aggcaguguaguuagcugauu.........................................        17      0       F01
..........aggcaguguaguuagcugauC.........................................        1       1       F01
..........aggcaguguaguuagUugauu.........................................        1       1       F01
..........Gggcaguguaguuagcugauu.........................................        1       1       F01
..........aggcaguguaguuagcugauug........................................        15      0       F01
..........aCgcaguguaguuagcugauug........................................        1       1       F01
..........agCcaguguaguuagcugauugc.......................................        1       1       F01
..........aggcaguguaguuagcuUauugc.......................................        1       1       F01
..........aggcaguguaguuagcugauuA........................................        4       1       F01
..........aggcGguguaguuagcugauugc.......................................        1       1       F01
agucuaguuacuaggcaguguaguuagcugauugc......aueucBaddcacacggccagguaaaaagauu        107     0       F01
..........Gggcaguguaguuagcugauugc.......................................        5       1       F01
```

```
                        mmr-miR-34c
                        aca-miR-34a-5p
agucuaguuacuaggcaguguaguuagcugauugcuaauaauacccpre-miR-34cacacggccagguaaaaagauu
                        ssc-miR-34c
                        cpi-miR-34b-5p
                        mdo-miR-34c-5p
                        cja-miR-34c
                        hsa-miR-34c-5p
                        ppy-miR-34c-5p
                        bta-miR-34c
                        oga-miR-34c
                        gga-miR-34c-5p
                        cfa-miR-34c
                        nle-miR-34c
                        xla-miR-34b-5p
                                            pal-miR-34c-3p
                        aca-miR-34c-5p
                        cli-miR-34c-5p
                        mml-miR-34c-5p
                        cgr-miR-34c-5p
                        cpo-miR-34c-5p
                        eca-miR-34c
                        cpi-miR-34c-5p
                        rno-miR-34c-5p
                        ppa-miR-34c
                                            cgr-miR-34c-3p
                        dno-miR-34c-5p
                        ami-miR-34c-5p
                                            chi-miR-34c-3p
                        pal-miR-34c-5p
                                            mml-miR-34c-3p
                        ami-miR-34b-5p
                        chi-miR-34c-5p
                                            hsa-miR-34c-3p
                        ocu-miR-34c-5p
                                            dno-miR-34c-3p
                                            ppy-miR-34c-3p
                        tgu-miR-34b
                                            ocu-miR-34c-3p
                        tch-miR-34c-5p
                                            cpo-miR-34c-3p
                        mmu-miR-34c-5p
                        ggo-miR-34c
                        oan-miR-34a-5p


...........aggcaguguaguuagcugauuUc...........................................  1     1    F01
...........aggcaguguaguuagcugauugU...........................................  17    1    F01
...........aggcagugAaguuagcugauugc...........................................  1     1    F01
...........aggcaguguaguuagcugauugcu..........................................  2     0    F01
...........aggcaguguaguuagcugauugcA..........................................  5     1    F01
```