```
miRBase precursor
                                                                 : bta-mir-196a-2
           Total read count
                                                                 : 33
           hsa-miR-196a-5p read count 1
                                                                                                                               5 a q c u q dau q u q q c u u a q q u a q u u u c a u q q q q u c c g u c a a a c g g c u c a u g a g u c c g u c a a a g a c a a c g g c u c a u g a g u c c g u c a a a g a c a a c g g c u c a a g a c u a c a u u g a g u c c g u c a a a g a c a a c g g c u c a a a g a c u a c a u u g a g u c c g u c a a a g a c a a c g g c u c a a a g a c u a c a u u g a g u c c g u c a a a g a c a a c g g c u c a a a g a c a a c g g c u c a a a g a c a a c g g c u c a a a g a c a a c g g c u c a a c g g c u c a a c g u c a a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g c u c a a c g g u c c g u c a a c g g u c c g g u c a a c g g u c c g g u c a a c g g c u c a a c g g u c c g u c a a c g g u c c g u c a a c g u c c g u c a a c g u c c g u c a a c g u c c g u c a a c g u c c g u c a a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c c g u c a c g u c c g u c a c g u c c g u c a c g u c c g u c a 
           hsa-miR-196a-3p read count 0
           mmu-miR-196a-5p read count
           mmu-miR-196a-2-3p read co0nt
           rno-miR-196a-5p read count 1
           rno-miR-196a-3p read count 0
           gga-miR-196-5p read count: 1
           dre-miR-196a-5p read count 1
           ssc-miR-196a read count : 1
           mml-miR-196a-5p read countl
           ggo-miR-196 read count : 1
           ppy-miR-196 read count : 1
           ptr-miR-196a read count : 1
           ppy-miR-196-2 read count : 1
           lla-miR-196 read count
           age-miR-196 read count : 1
           ppa-miR-196 read count : 1
             ru-miR-196a read count : 1
           ni-miR-196a read count
            xtr-miR-196a read count : 1
           oan-miR-196a-5p tead count 1
0.75 mml-miR-196a-3p read count cfa-miR-196a read count : 1
  0.5 ota-miR-196a read count : 1
           eca-miR-196a read count : 1
pma-miR-196a-5p read count1

<sup>0·25</sup> aca-miR-196a read count : 1
           ola-miR-196a rea
      o cgr-miR-196a-5p read count 1
           cgr-miR-196a-3p read count: 0
                                                                                                                                                                                               length
           tgu-miR-196 read count : 1
           ccr-miR-196a read countr-19da
           ipu-miR-196a read gounte-19d
           ssa-miR-196a-5p read-corunt9da
           efu-miR-196 read muntir-19da
           chi-miR-196a read countr-19da
           tch-miR-196a-5p read cornts d
           oha-miR-196b-5ppgachaaunsd
           remaining reads ola-miR-196a
                                              ccr-miR-196a
                                                                                                                                  nu-miR-196a-2-3p
                                              age-miR-196
                                              ssa-miR-196a-5p
                                              fru-miR-196a
                                              rno-miR-196a-5p
                                                                                                                                  mml-miR-196a-3p
                                              chi-miR-196a
                                              ipu-miR-196a
                                              tch-miR-196a-5p
                                              ssc-miR-196a
                                              dre-miR-196a-5p
                                              gga-miR-196-5p
                                              oan-miR-196a-5p
                                              bta-miR-196a
                                                                                                                                hsa-miR-196a-3p
                                              mml-miR-196a-5p
                                                                                                                               rno-miR-196a-3p
                                              aca-miR-196a
                                              oha-miR-196b-5p
                                              efu-miR-196
                                              cfa-miR-196a
                                               mmu-miR-196a-5p
                                              ppy-miR-196-2
                                              cgr-miR-196a-5p
                                              11a-miR-196
                                              pma-miR-196a-5p
                                                                                                                              cgr-miR-196a-3p
                                              hsa-miR-196a-5p
                                              ggo-miR-196
     5'- agcugaucuguggcuuagguaguuucauguugugggauugaguuuugaacucggcaacaagaaacugccugaguuacaucaguc
                                                                                                                                                                                                                             exp
```

sample F02

.....uagguaguuucauguugg.....

```
tgu-miR-196
agcugaucuguggcuaaggmägumaGauguuguugggauugaguuuugaacucggcaacaagaaacugccugaguuacaucaguc
              ptr-miR-196a
              tni-miR-196a
             ppa-miR-196
             ppy-miR-196
              ola-miR-196a
              ccr-miR-196a
                                                 mmu-miR-196a-2-3p
              age-miR-196
              ssa-miR-196a-5p
              fru-miR-196a
              rno-miR-196a-5p
                                                   mml-miR-196a-3p
              chi-miR-196a
              ipu-miR-196a
              tch-miR-196a-5p
              ssc-miR-196a
              dre-miR-196a-5p
              gga-miR-196-5p
              oan-miR-196a-5p
              bta-miR-196a
                                                  hsa-miR-196a-3p
              mml-miR-196a-5p
                                                 rno-miR-196a-3p
              aca-miR-196a
              oha-miR-196b-5p
              efu-miR-196
              cfa-miR-196a
              mmu-miR-196a-5p
              ppy-miR-196-2
              cgr-miR-196a-5p
              lla-miR-196
              pma-miR-196a-5p
                                                 cgr-miR-196a-3p
```

xtr-miR-196a

hsa-miR-196a-5p ggo-miR-196