```
miRBase precursor
                              : bta-mir-20a
                              : 1716
     Total read count
     hsa-miR-20a-5p read count: 33
                                                         5'GUAGCACUUAUACUCCAUCAUCUAU
     hsa-miR-20a-3p read count: 0
     mmu-miR-20a-5p read count 33
     rno-miR-20a-5p read count: 33
     gga-miR-20a-5p read count: 33
     dre-miR-20a-5p read count: 33
     ssc-miR-20a-5p read count: 33
     ssc-miR-20a-3p read count: 0
     ggo-miR-20a read count : 33
     lca-miR-20 read count
                              : 33
     age-miR-20 read count
                              : 33
     ppa-miR-20 read count
                              : 33
     ppy-miR-20a read count
                              : 33
     ptr-miR-20a read count
                              : 33
     mml-miR-20a-5p read count 33
     mml-miR-20a-3p read count 0
     sla-miR-20 read count
                              : 33
  fred.miR-20 read count
                              : 33
     nne-miR-20 read count
      fru-miR-20 read count
                              : 33
                              : 33
     tni-miR-20 read count
o.75 Sta-miR-10a read count : 33
xtr-miR-20a-5p read count : 33
 o.5 mdo-miR-20a-5p read count 33
     oan-miR-20a-5p read count: 33
: 33
                             : 33
   o Igu-miR-20a-5p read count · 33
     aca-miR-20a-5p read count: 33
                                                                         length
     ola-miR-20a read count
                              : 33
     cgr-miR-20a-maxl zount
                              . 33
     ccr-miR-20a-5prezul count: 33
     ssa-miR-20a-5percent count: 33
     efu-miR-20areack count
     cpi-miR-20a-5prezul count: 33
     cpi-miR-20a-20percard count: 0
     ami-miR-20a-5p read count: 33
                                                 cpi-miR-20a-3p
     ami-miR-20amp read count: 0
     cli-miR-20a-5preadacount: 33
     pbv-miR-20a-fip read-count: 33
     chi-miR-20a-5percent count: 33
     chi-miR-20a-3p read count: 0
                                                 pal-miR-20a-3p
     tch-miR-20a-5p read count: 33
                                                 chi-miR-20a-3p
     oha-miR-20a-sip read count: 33
     cja-miR-20a-read-county : 33
     pal-miR-20a-5p read count: 33
                                                 ocu-miR-20a-3p
     pal-miR-20a-3 percand count: 0
     abu-miR-20a read count : 33
                                                 oan-miR-20a-2-3p
     mze-miRa20antoack count
                              : 33
     nbr-miR-20a-read 200 unt
                             : 33
     oni-miR-2fareack count
     pny-miR-20a read count
                             . 33
                                                 cpo-miR-20a-3p
     gmo-miR-20a-5p-read sount 33
     xla-miR-20a-5pread count: 33
     cpo-miR-20a-5p read count: 33
                                                 ssc-miR-20a-3p
     cpo-miR 2002 read count: 0
     dno-miR-202-squnt: 33
     dno-miR 20amp read count: 0
     ocu-miR @Oansiperead-count: 33
     ocu-miR 20a apread count: 0
     mmr-miR-120-mend2count
                             : 33
     nle-miR-20aroack count
                              : 33
     remaining deads R-20a-5p
                              : 0
            chi-miR-20a-5p
             ccr-miR-20a-5p
             age-miR-20
             mne-miR-20
             pal-miR-20a-5p
             gga-miR-20a-5p
             mmu-miR-20a-5p
             aca-miR-20a-5p
             efu-miR-20
             mml-miR-20a-5p
             gmo-miR-20a-5p
             oan-miR-20a-5p
```

oha-miR-20a-5p cja-miR-20a

```
tni-miR-20
     nbr-miR-20a
guagcactgaagmige20au5gugcagguaguguuuaguuaucuacugcauuaugagcacuuaaaguacugc
     eca-miR-20a
     bta-miR-20a
     pbv-miR-20a-5p
                                 cpi-miR-20a-3p
     oni-miR-20
     ssc-miR-20a-5p
     ocu-miR-20a-5p
     ppa-miR-20
                                 pal-miR-20a-3p
                                 chi-miR-20a-3p
     lla-miR-20
     hsa-miR-20a-5p
                                 ocu-miR-20a-3p
     cgr-miR-20a
                                 oan-miR-20a-2-3p
     abu-miR-20a
     mmr-miR-20
     cfa-miR-20a
                                 cpo-miR-20a-3p
     xla-miR-20a-5p
     rno-miR-20a-5p
                                 ssc-miR-20a-3p
     nle-miR-20
     ami-miR-20a-5p
     fru-miR-20
     cpi-miR-20a-5p
     pny-miR-20a
     cli-miR-20a-5p
     ola-miR-20a
     tch-miR-20a-5p
     chi-miR-20a-5p
     ccr-miR-20a-5p
     age-miR-20
     mne-miR-20
     pal-miR-20a-5p
     gga-miR-20a-5p
     mmu-miR-20a-5p
     aca-miR-20a-5p
     efu-miR-20
     mml-miR-20a-5p
     gmo-miR-20a-5p
     oan-miR-20a-5p
     oha-miR-20a-5p
     cja-miR-20a
                                 ami-miR-20a-3p
                                 mml-miR-20a-3p
     xtr-miR-20a-5p
                                 hsa-miR-20a-3p
     ptr-miR-20a
     ssa-miR-20a-5p
     ppy-miR-20a
     sla-miR-20
     ggo-miR-20a
     dno-miR-20a-5p
                                 dno-miR-20a-3p
     cpo-miR-20a-5p
     mze-miR-20a
     lca-miR-20
     dre-miR-20a-5p
     mdo-miR-20a-5p
.....uaaagugcuuauagugcagguag.....
                                                                           F03
                                                         1
                                                                           F03
0
.....uaaagugcuuauagugcagguagA.....
                                                                  1
                                                                           F03
.....uaaagugcuuauagugcagguag......9
                                                                           F02
                                                                           F02
1
                                                                           F02
.....uaaagugcuuauagugcagguagA.....
                                                                  1
```

F01

```
nbr-miR-20a
guagcactgaagmige20au5gugcagguaguguuuaguuaucuacugcauuaugagcacuuaaaguacugc
      eca-miR-20a
      bta-miR-20a
      pbv-miR-20a-5p
                                         cpi-miR-20a-3p
      oni-miR-20
      ssc-miR-20a-5p
      ocu-miR-20a-5p
      ppa-miR-20
                                          pal-miR-20a-3p
                                          chi-miR-20a-3p
      lla-miR-20
      hsa-miR-20a-5p
                                         ocu-miR-20a-3p
      cgr-miR-20a
                                          oan-miR-20a-2-3p
      abu-miR-20a
      mmr-miR-20
      cfa-miR-20a
                                         cpo-miR-20a-3p
      xla-miR-20a-5p
      rno-miR-20a-5p
                                          ssc-miR-20a-3p
      nle-miR-20
      ami-miR-20a-5p
      fru-miR-20
      cpi-miR-20a-5p
      pny-miR-20a
      cli-miR-20a-5p
      ola-miR-20a
      tch-miR-20a-5p
      chi-miR-20a-5p
      ccr-miR-20a-5p
      age-miR-20
      mne-miR-20
      pal-miR-20a-5p
      gga-miR-20a-5p
      mmu-miR-20a-5p
      aca-miR-20a-5p
      efu-miR-20
      mml-miR-20a-5p
      gmo-miR-20a-5p
      oan-miR-20a-5p
      oha-miR-20a-5p
      cja-miR-20a
                                          ami-miR-20a-3p
                                          mml-miR-20a-3p
      xtr-miR-20a-5p
                                         hsa-miR-20a-3p
      ptr-miR-20a
      ssa-miR-20a-5p
      ppy-miR-20a
      sla-miR-20
      ggo-miR-20a
      dno-miR-20a-5p
                                         dno-miR-20a-3p
      cpo-miR-20a-5p
      mze-miR-20a
      lca-miR-20
      dre-miR-20a-5p
      mdo-miR-20a-5p
```

tni-miR-20