```
miRBase precursor
                              : bta-mir-19a
     Total read count
                              : 62
     hsa-miR-19a-5p read count: 0
                                                          5 gcaguccadaacguauugcacadaacguuugaacguuugaacguuugaacguuugaacguuugaacguuugaacguuugaacguuugaacguuugaacguuugaacguu
     hsa-miR-19a-3p read count: 2
     mmu-miR-19a-5p read count 0
     mmu-miR-19a-3p read count 2
     rno-miR-19a-3p read count: 2
     gga-miR-19a-5p read count: 0
     gga-miR-19a-3p read count: 2
     dre-miR-19a-3p read count: 2
     ssc-miR-19a read count
     ggo-miR-19a read count : 2
     lca-miR-19a read count
                              : 2
                            : 2
     age-miR-19a read count
     ppa-miR-19a read count
                             : 2
     ppy-miR-19a read count : 2
     ptr-miR-19a read count
     mml-miR-19a-5p read count 0
     mml-miR-19a-3p read count 2
  freq.
sla-miR-19a read count
    La-miR-19a read count
                             : 2
     mne-miR-19a read count : 2
fru-miR-19a read count ni-miR-19a read count
                            : 2
                              : 2
     xtr-miR-19a read count
                             . 2
 0.5 mdo-miR-19a-5p read count 0
     mdo-miR-19a-3p read count 2
ota-miR-19a read count : 2
o-25 oan-miR-19a-5p read count : 0
     pan-miR-19a-3p read count: 2
  ofa-miR-19a read count
     eca-miR-19a read count
                            : 2
                                                                                     length
     tgu-miR-19a-5p read count: 0
     aca-miR-19a-5p read count: 0
                                                       chi-miR-19a
     aca-miR-19a-3p read count: 2
                                                       sla-miR-19a
     ola-miR-19a read count
                                                       tch-miR-19a-3p
     cgr-miR-19a read countiga-52
     ipu-miR-19a read count19a-50
     ssa-miR-19a-5p read count: 0
                                                       ppa-miR-19a
     ssa-miR-19a-3p read count: 2
                                                       ggo-miR-19a
     chi-miR-19a reacheonint-19a: 2p
     tch-miR-19a-3p read count: 2
                                                       lca-miR-19a
     oha-miR-19a-5p read count: 0
                                                       ssa-miR-19a-3p
     oha-miR-19a-3mareadrequent-52
     remaining reads
                                                       eca-miR-19a
                                                       age-miR-19a
                   mdo-miR-19a-5p
                                                       mml-miR-19a-3p
                                                       oan-miR-19a-3p
                                                       lla-miR-19a
                                                       oha-miR-19a-3p
                                                       cfa-miR-19a
                                                       mne-miR-19a
                                                       tni-miR-19a
                                                       cgr-miR-19a
                                                       ssc-miR-19a
                   ssa-miR-19a-5p
                                                       fru-miR-19a
                                                       aca-miR-19a-3p
                                                       mmu-miR-19a-3p
                                                       mdo-miR-19a-3p
                                                       hsa-miR-19a-3p
                   hsa-miR-19a-5p
                                                       ptr-miR-19a
                  tgu-miR-19a-5p
                                                       xtr-miR-19a
                                                       bta-miR-19a
                  oan-miR-19a-5p
                                                       ola-miR-19a
                                                       ppy-miR-19a
                                                       gga-miR-19a-3p
                   ipu-miR-19a
                   mml-miR-19a-5p
                                                       rno-miR-19a-3p
                                                       dre-miR-19a-3p
  5'- gcaguccucuguuaguuuugcauaguugcacaaaaaagaagaauguaguugugcaaaaucuaugcaaaacugaugguggccugc
      sample
```

.....ugugcaaaucuaugUaaaacu.....

F02

chi-miR-19a sla-miR-19a

gcaguccucuguuaguuuugcauaguugcacuacaagaagaauguagutghgmakattbaattgcaaaacugaugguggccugc

aca-miR-19a-5p oha-miR-19a-5p

> ppa-miR-19a ggo-miR-19a

gga-miR-19a-5p

lca-miR-19a ssa-miR-19a-3p

mmu-miR-19a-5p

eca-miR-19a age-miR-19a

mdo-miR-19a-5p

mml-miR-19a-3p oan-miR-19a-3p lla-miR-19a oha-miR-19a-3p cfa-miR-19a mne-miR-19a tni-miR-19a cgr-miR-19a

ssa-miR-19a-5p

fru-miR-19a aca-miR-19a-3p mmu-miR-19a-3p mdo-miR-19a-3p hsa-miR-19a-3p

ssc-miR-19a

hsa-miR-19a-5p

ptr-miR-19a

tgu-miR-19a-5p

xtr-miR-19a bta-miR-19a

oan-miR-19a-5p

ola-miR-19a ppy-miR-19a gga-miR-19a-3p

ipu-miR-19a

mml-miR-19a-5p

rno-miR-19a-3p dre-miR-19a-3p

.....ugugcaaaucuaugcaaaacugU...... 1 1

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