```
miRBase precursor
                              : bta-mir-17
     Total read count
                              : 431
     hsa-miR-17-5p read count : 8
                                                          hsa-miR-17-3p read count : 0
     mmu-miR-17-5p read count: 8
     rno-miR-17-5p read count : 8
     gga-miR-17-5p read count : 8
     gga-miR-17-3p read count : 0
     dre-miR-17a-5p read count: 8
     ggo-miR-17-5p read count: 8
     ggo-miR-17-3p read count : 0
     lca-miR-17-5p read count : 8
     lca-miR-17-3p read count : 0
     age-miR-17-5p read count : 8
     age-miR-17-3p read count : 0
     ppa-miR-17-5p read count : 8
     ppa-miR-17-3p read count : 0
     ppy-miR-17-5p read count: 8
  ppy-miR-17-3p read count : 0 freq. ...
      otr-miR-17-5p read count : 8
    btr-miR-17-3p read count · 0
     mml-miR-17-5p read count: 8
     mml-miR-17-3p read count : 0
o.75 sla-miR-17-5p read count : 8 sla-miR-17-3p read count : 0
 0.5 La-miR-17-5p read count : 8
     lla-miR-17-3p read count : 0
     mne-miR-17-5p read count:8
0.25 mne-miR-17-3p read count : 0
     fru-miR-17 read count
  o mi-miR-17 read count
     xtr-miR-17-5p read count : 8
                                                                                       length
     xtr-miR-17-3p read count : 0
     bta-miR-17-5p rend-corent7:8
     bta-miR-17-3p sead-cornt7-50
     mdo-miR-17-5p-read count: 8
     mdo-miR-17-3p read count: 0
                                                        chi-miR-17-3p
     oan-miR-17-5p ggadmanunt-58
     oan-miR-17-3p mead count : 0
     cfa-miR-17 read count
                                                        age-miR-17-3p
     cfa-miR-106a read count : 8
                                                        sla-miR-17-3p
     ssc-miR-17-5p read-cornt7-58
     ssc-miR-17-3p read count : 0
                                                         nml-miR-17-3p
     eca-miR-17 read craimtin-1058
     eca-miR-106a read-ocurat.7a: 8
     tgu-miR-17a-5p read count: 8
                                                        ocu-miR-17-3p
     tgu-miR-17a-3p read count: 0
                                                        pbv-miR-17-3p
     aca-miR-17-5p read count : 8
                                                         lca-miR-17-3p
     aca-miR-17-3p read-county-50
     ola-miR-17 readicountr-17a: 5p
     cgr-miR-17-5p read-county-58
     ccr-miR-17-5p read count : 8
                                                         dno-miR-17-3p
     oar-miR-17-5p mad cornt7-58
     ssa-miR-17-5p read-cornt7-58
     efu-miR-17 reach countr-17-50
     cpi-miR-17-5p read count : 8
                                                        oha-miR-17-3p
     cpi-miR-17-3p read-corent7-50
     ami-miR-17-5p ggachdount-58
     ami-miR-17-3p readmount: 0
     cli-miR-17-5p read count : 8
                                                          ami-miR-17-3p
     cli-miR-17-3p read count : 0
                                                        pal-miR-17-3p
     pbv-miR-17-5p read count: 8
                                                         ppy-miR-17-3p
     pbv-miR-17-3p read count : 0
                                                        gga-miR-17-3p
     chi-miR-17-5p read-county-58
     chi-miR-17-3p read count : 0
                                                        ssc-miR-17-3p
     tch-miR-17-5p mad-corent7:8
     oha-miR-17-5p cmachacount-58
     oha-miR-17-3p read count : 0
                                                         cpi-miR-17-3p
                            . 8
     cia-miR-17 read count
                                                        xla-miR-17-3p
     pal-miR-17-5p read count : 8
                                                        11a-miR-17-3p
     pal-miR-17-3p \frac{1}{100} decentr-50
     abu-miR-17 read count
                                                        cfa-miR-17
     mze-miR-17 read count
                              : 8
                                                        mdo-miR-17-3p
     nbr-miR-17 read count
                              : 8
                                                        tgu-miR-17a-3p
     oni-miR-17a read count-17-58
     pny-miR-17 read count
                                                        ppa-miR-17-3p
     gmo-miR-17-5p read count: 8
                                                        efu-miR-17
```

xla-miR-17-5p mad-sount7-58 xla-miR-17-3p mad-sount7-59 xla-miR-17-2-3p-read-sount59 cno-miR-17-5p mad-sount5-58

```
chi-miR-17-3p
ggo-miR-17-5p
nbr-miR-17
                                    age-miR-17-3p
                                    sla-miR-17-3p
rno-miR-17-5p
                                    mml-miR-17-3p
cfa-miR-106a
oni-miR-17a
                                    ocu-miR-17-3p
                                    pbv-miR-17-3p
                                    lca-miR-17-3p
ocu-miR-17-5p
dre-miR-17a-5p
ssa-miR-17-5p
                                    dno-miR-17-3p
mml-miR-17-5p
aca-miR-17-5p
hsa-miR-17-5p
                                    oha-miR-17-3p
pal-miR-17-5p
gga-miR-17-5p
pny-miR-17
                                     ami-miR-17-3p
                                    pal-miR-17-3p
                                    ppy-miR-17-3p
                                    gga-miR-17-3p
mmu-miR-17-5p
                                    ssc-miR-17-3p
fru-miR-17
chi-miR-17-5p
                                     cpi-miR-17-3p
                                   xla-miR-17-3p
                                   lla-miR-17-3p
ppy-miR-17-5p
                                    cfa-miR-17
                                    mdo-miR-17-3p
                                    tgu-miR-17a-3p
ppa-miR-17-5p
                                    ppa-miR-17-3p
                                    efu-miR-17
lca-miR-17-5p
oan-miR-17-5p
cgr-miR-17-5p
gmo-miR-17-5p
                                    ptr-miR-17-3p
cli-miR-17-5p
                                    bta-miR-17-3p
oar-miR-17-5p
mmr-miR-17
bta-miR-17-5p
ola-miR-17
oha-miR-17-5p
abu-miR-17
mne-miR-17-5p
cpi-miR-17-5p
sla-miR-17-5p
cpo-miR-17-5p
dno-miR-17-5p
ssc-miR-17-5p
pbv-miR-17-5p
ami-miR-17-5p
eca-miR-17
                                    hsa-miR-17-3p
lla-miR-17-5p
                                    oan-miR-17-3p
nle-miR-17
                                    ggo-miR-17-3p
tgu-miR-17a-5p
ccr-miR-17-5p
                                    xtr-miR-17-3p
mze-miR-17
                                    cpo-miR-17-3p
                                    mne-miR-17-3p
                                    xla-miR-17-2-3p
                                    cli-miR-17-3p
mdo-miR-17-5p
eca-miR-106a
```

```
chi-miR-17-3p
ggo-miR-17-5p
nbr-miR-17
                                    age-miR-17-3p
                                    sla-miR-17-3p
rno-miR-17-5p
                                    mml-miR-17-3p
cfa-miR-106a
oni-miR-17a
                                    ocu-miR-17-3p
                                    pbv-miR-17-3p
                                    lca-miR-17-3p
ocu-miR-17-5p
dre-miR-17a-5p
ssa-miR-17-5p
                                    dno-miR-17-3p
mml-miR-17-5p
aca-miR-17-5p
hsa-miR-17-5p
                                    oha-miR-17-3p
pal-miR-17-5p
gga-miR-17-5p
pny-miR-17
                                     ami-miR-17-3p
                                    pal-miR-17-3p
                                    ppy-miR-17-3p
                                    gga-miR-17-3p
mmu-miR-17-5p
                                    ssc-miR-17-3p
fru-miR-17
chi-miR-17-5p
                                     cpi-miR-17-3p
                                   xla-miR-17-3p
                                   lla-miR-17-3p
ppy-miR-17-5p
                                    cfa-miR-17
                                    mdo-miR-17-3p
                                    tgu-miR-17a-3p
ppa-miR-17-5p
                                    ppa-miR-17-3p
                                    efu-miR-17
lca-miR-17-5p
oan-miR-17-5p
cgr-miR-17-5p
gmo-miR-17-5p
                                    ptr-miR-17-3p
cli-miR-17-5p
                                    bta-miR-17-3p
oar-miR-17-5p
mmr-miR-17
bta-miR-17-5p
ola-miR-17
oha-miR-17-5p
abu-miR-17
mne-miR-17-5p
cpi-miR-17-5p
sla-miR-17-5p
cpo-miR-17-5p
dno-miR-17-5p
ssc-miR-17-5p
pbv-miR-17-5p
ami-miR-17-5p
eca-miR-17
                                    hsa-miR-17-3p
lla-miR-17-5p
                                    oan-miR-17-3p
nle-miR-17
                                    ggo-miR-17-3p
tgu-miR-17a-5p
ccr-miR-17-5p
                                    xtr-miR-17-3p
mze-miR-17
                                    cpo-miR-17-3p
                                    mne-miR-17-3p
                                    xla-miR-17-2-3p
                                    cli-miR-17-3p
mdo-miR-17-5p
eca-miR-106a
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chi-miR-17-3p
ggo-miR-17-5p
nbr-miR-17
                                    age-miR-17-3p
                                    sla-miR-17-3p
rno-miR-17-5p
                                    mml-miR-17-3p
cfa-miR-106a
oni-miR-17a
                                    ocu-miR-17-3p
                                    pbv-miR-17-3p
                                    lca-miR-17-3p
ocu-miR-17-5p
dre-miR-17a-5p
ssa-miR-17-5p
                                    dno-miR-17-3p
mml-miR-17-5p
aca-miR-17-5p
hsa-miR-17-5p
                                    oha-miR-17-3p
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gga-miR-17-5p
pny-miR-17
                                     ami-miR-17-3p
                                    pal-miR-17-3p
                                    ppy-miR-17-3p
                                    gga-miR-17-3p
mmu-miR-17-5p
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                                     cpi-miR-17-3p
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                                   lla-miR-17-3p
ppy-miR-17-5p
                                    cfa-miR-17
                                    mdo-miR-17-3p
                                    tgu-miR-17a-3p
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                                    ppa-miR-17-3p
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cgr-miR-17-5p
gmo-miR-17-5p
                                    ptr-miR-17-3p
cli-miR-17-5p
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ola-miR-17
oha-miR-17-5p
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cpo-miR-17-5p
dno-miR-17-5p
ssc-miR-17-5p
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lla-miR-17-5p
                                    oan-miR-17-3p
nle-miR-17
                                    ggo-miR-17-3p
tgu-miR-17a-5p
ccr-miR-17-5p
                                    xtr-miR-17-3p
mze-miR-17
                                    cpo-miR-17-3p
                                    mne-miR-17-3p
                                    xla-miR-17-2-3p
                                    cli-miR-17-3p
mdo-miR-17-5p
eca-miR-106a
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chi-miR-17-3p
ggo-miR-17-5p
nbr-miR-17
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rno-miR-17-5p
                                    mml-miR-17-3p
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                                    ocu-miR-17-3p
                                    pbv-miR-17-3p
                                    lca-miR-17-3p
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ssa-miR-17-5p
                                    dno-miR-17-3p
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                                    oha-miR-17-3p
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gga-miR-17-5p
pny-miR-17
                                     ami-miR-17-3p
                                    pal-miR-17-3p
                                    ppy-miR-17-3p
                                    gga-miR-17-3p
mmu-miR-17-5p
                                    ssc-miR-17-3p
fru-miR-17
chi-miR-17-5p
                                     cpi-miR-17-3p
                                   xla-miR-17-3p
                                   lla-miR-17-3p
ppy-miR-17-5p
                                    cfa-miR-17
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                                    tgu-miR-17a-3p
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                                    ppa-miR-17-3p
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                                    oan-miR-17-3p
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tgu-miR-17a-5p
ccr-miR-17-5p
                                    xtr-miR-17-3p
mze-miR-17
                                    cpo-miR-17-3p
                                    mne-miR-17-3p
                                    xla-miR-17-2-3p
                                    cli-miR-17-3p
mdo-miR-17-5p
eca-miR-106a
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