```
miRBase precursor
                               : bta-mir-7-1
                               : 15436
    Total read count
    dme-miR-7-5p read count
                                                             Signad Gaancanaangeegarena<mark>anaanahaacaacaa
Signad Gaancan</mark>aangeegarenaa<mark>anaacaacaa</mark>
3igcaccac
    hsa-miR-7-5p read count : 227
    rno-miR-7a-5p read count : 227
    mmu-miR-7a-5p read count: 227
    gga-miR-7 read count
                              : 227
    dps-miR-7 read count
    dre-miR-7a read count
                               . 227
    ame-miR-7 read count
                               : 227
    aga-miR-7 read count
                               : 227
    ssc-miR-7 read count
                               : 227
    ggo-miR-7 read count
                               : 227
    ppy-miR-7 read count
                               : 227
    sla-miR-7 read count
                               : 227
    lla-miR-7 read count
                               : 227
    mne-miR-7 read count
                               : 227
    ppa-miR-7 read count
                               : 227
    ptr-miR-7 read count
                               : 227
     ru-miR-7 read count
                               : 227
     ni-miR-7 read count
     ktr-miR-7 read count
                               : 227
                              : 227
    bmo-miR-7-5p read count
     ta-miR-7 read count
                               : 227
                               : 227
    mdo-miR-7 read count
0.5 pan-miR-7-5p read court
                               : 227
     odi-miR-7 read count
                               : 227
    cin-miR-7-5p read cour
                               : 227
    csa-miR-7 read count
                               : 227
     mml-miR-7 read count
                               . 227
   cfa-miR-7 read count
                                . 227
                               : 227
                                                                                                           length
    dan-miR-7 read count
    der-miR-7 read count
                               : 227
    dgr-miR-7 read count sko-m22-77-5r
    dmo-miR-7 read count aga-in 222-77
    dpe-miR-7 read count 11a-m22-77
    dse-miR-7 read count aca-mi22-77-5p
    dsi-miR-7 read count dps-m22-77
    dvi-miR-7-5p read courtmo-in 22-77-5p
    dwi-miR-7 read count bf1-m22-77
    dya-miR-7 read count mdo-m22-77
    bfl-miR-7 read count rno-in22-7/a-5p
    lgi-miR-7 read count fru-m22-77
    sko-miR-7-5p read countma-in 22-7/a-5p
    spu-miR-7 read count dre-m22-77a
    dpu-miR-7 read count gga-m22-77
    isc-miR-7 read count api-m22-77
    eca-miR-7 read count eca-m22-77
    aae-miR-7 read count nlo-m22-77
    cqu-miR-7 read count tur-m22-77-5p
    tgu-miR-7-5p read counthi-m22-77-5p
    api-miR-7 read count dya-m22-77
    nvi-miR-7 read count dwi-mัวอี-77
    nlo-miR-7 read count odi-m22-77
    cgr-miR-7a read count dpe-m22-77
    pma-miR-7a-5p read count-in 22-7/a-5p
    aca-miR-7-5p read countine-in 222-77
    tur-miR-7-5p read country-in 22-77
    mse-miR-7 read count xtr-in22-77
    hme-miR-7 read count cin-m22-77-5p
    ccr-miR-7a read count bta-m22-77
    ipu-miR-7a read count dmo-m22-77
    pmi-miR-7-5p read countin-m22-77
    lva-miR-7-5p read countibe-m22-77-5p
    bbe-miR-7-5p read countin -in 222-77
    ssa-miR-7a-5p read counta-in 22-77-5p
    efu-miR-7a read count mse-in 222-77
    chi-miR-7-5p read countvi-m22-7-5p
    tch-miR-7-5p read countme-in 22-77-5p
    oha-miR-7-5p read countsa-m22-77
                          lva-m0R-7-5p
    remaining reads
                           ggo-miR-7
                           tni-miR-7
                           nvi-miR-7
                           ptr-miR-7
                           dsi-miR-7
                           cqu-miR-7
```

ssc-miR-7 oan-miR-7-5p ppa-miR-7

```
sko-miR-7-5p
                   aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                   aca-miR-7-5p
                   dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                   pma-miR-7a-5p
                   dre-miR-7a
                   gga-miR-7
                   api-miR-7
                   eca-miR-7
                   nlo-miR-7
                   tur-miR-7-5p
                   chi-miR-7-5p
                   dya-miR-7
                   dwi-miR-7
                   odi-miR-7
                   ssa-miR-7a-5p
                   ame-miR-7
                   ppy-miR-7
                   xtr-miR-7
                   cin-miR-7-5p
                   bta-miR-7
                   dmo-miR-7
                   dan-miR-7
                   bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                   mse-miR-7
                   dvi-miR-7-5p
                   dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                   tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                   dsi-miR-7
                   cqu-miR-7
                   ssc-miR-7
                   oan-miR-7-5p
                   ppa-miR-7
                   der-miR-7
                   cgr-miR-7a
                   dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                   ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                   dse-miR-7
                   aae-miR-7
                   sla-miR-7
                   spu-miR-7
                   oha-miR-7-5p
                   hme-miR-7
                   pmi-miR-7-5p
                   lgi-miR-7
                   tgu-miR-7-5p
```

uggaagacuagugauuuguu	1	0	F03
uggaagCcuagugauuuguug	1	1	F03
uggaagacuagugauuuuguug	1	0	F03

cfa-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                   odi-miR-7
                    ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                    dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                    dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
                   sla-miR-7
                   spu-miR-7
                    oha-miR-7-5p
```

hme-miR-7
pmi-miR-7-5p
lgi-miR-7
tgu-miR-7-5p
cfa-miR-7
mne-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                    odi-miR-7
                    ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                    dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                    dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
```

sla-miR-7 spu-miR-7 oha-miR-7-5p hme-miR-7 pmi-miR-7-5p lgi-miR-7 tgu-miR-7-5p cfa-miR-7 mne-miR-7

```
sko-miR-7-5p
                   aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                   aca-miR-7-5p
                   dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                   pma-miR-7a-5p
                   dre-miR-7a
                   gga-miR-7
                   api-miR-7
                   eca-miR-7
                   nlo-miR-7
                   tur-miR-7-5p
                   chi-miR-7-5p
                   dya-miR-7
                   dwi-miR-7
                   odi-miR-7
                   ssa-miR-7a-5p
                   ame-miR-7
                   ppy-miR-7
                   xtr-miR-7
                   cin-miR-7-5p
                   bta-miR-7
                   dmo-miR-7
                   dan-miR-7
                   bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                   mse-miR-7
                   dvi-miR-7-5p
                   dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                   tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                   dsi-miR-7
                   cqu-miR-7
                   ssc-miR-7
                   oan-miR-7-5p
                   ppa-miR-7
                   der-miR-7
                   cgr-miR-7a
                   dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                   ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                   dse-miR-7
                   aae-miR-7
                   sla-miR-7
                   spu-miR-7
                   oha-miR-7-5p
                   hme-miR-7
                   pmi-miR-7-5p
                   lgi-miR-7
                   tgu-miR-7-5p
```

cfa-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                   odi-miR-7
                   ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                   dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                   dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
                   sla-miR-7
```

spu-miR-7
oha-miR-7-5p
hme-miR-7
pmi-miR-7-5p
lgi-miR-7
tgu-miR-7-5p
cfa-miR-7
mne-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                   odi-miR-7
                    ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                   dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                    dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
                   sla-miR-7
                   spu-miR-7
                    oha-miR-7-5p
```

hme-miR-7
pmi-miR-7-5p
lgi-miR-7
tgu-miR-7-5p
cfa-miR-7
mne-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                   odi-miR-7
                   ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                   dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                   dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                   oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
                   sla-miR-7
```

spu-miR-7
oha-miR-7-5p
hme-miR-7
pmi-miR-7-5p
lgi-miR-7
tgu-miR-7-5p
cfa-miR-7
mne-miR-7

uggaagacuagugauuuuguugCu

1

0

47

F02 F02

F02

ssc-miR-7 oan-miR-7-5p ppa-miR-7 der-miR-7 cgr-miR-7a dpu-miR-7 isc-miR-7 dgr-miR-7 mmu-miR-7a-5p ccr-miR-7a ipu-miR-7a efu-miR-7a tch-miR-7-5p dse-miR-7 aae-miR-7 sla-miR-7 spu-miR-7 oha-miR-7-5p hme-miR-7 pmi-miR-7-5p lgi-miR-7 tgu-miR-7-5p cfa-miR-7 mne-miR-7

```
sko-miR-7-5p
                   aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                   aca-miR-7-5p
                   dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                   pma-miR-7a-5p
                   dre-miR-7a
                   gga-miR-7
                   api-miR-7
                   eca-miR-7
                   nlo-miR-7
                   tur-miR-7-5p
                   chi-miR-7-5p
                   dya-miR-7
                   dwi-miR-7
                   odi-miR-7
                   ssa-miR-7a-5p
                   ame-miR-7
                   ppy-miR-7
                   xtr-miR-7
                   cin-miR-7-5p
                   bta-miR-7
                   dmo-miR-7
                   dan-miR-7
                   bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                   mse-miR-7
                   dvi-miR-7-5p
                   dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                   tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                   dsi-miR-7
                   cqu-miR-7
                   ssc-miR-7
                   oan-miR-7-5p
                   ppa-miR-7
                   der-miR-7
                   cgr-miR-7a
                   dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                   ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                   dse-miR-7
                   aae-miR-7
                   sla-miR-7
                   spu-miR-7
                   oha-miR-7-5p
                   hme-miR-7
                   pmi-miR-7-5p
                   lgi-miR-7
```

tgu-miR-7-5p cfa-miR-7 mne-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                   odi-miR-7
                    ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                   dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                    dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
                   sla-miR-7
                   spu-miR-7
```

oha-miR-7-5p hme-miR-7 pmi-miR-7-5p lgi-miR-7 tgu-miR-7-5p cfa-miR-7 mne-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                   odi-miR-7
                    ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                    dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                    dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
                   sla-miR-7
                   spu-miR-7
                    oha-miR-7-5p
                    hme-miR-7
                    pmi-miR-7-5p
```

lgi-miR-7 tgu-miR-7-5p cfa-miR-7 mne-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                    odi-miR-7
                    ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                    dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                    dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
```

dse-miR-7
aae-miR-7
sla-miR-7
spu-miR-7
oha-miR-7-5p
hme-miR-7
pmi-miR-7-5p
1gi-miR-7
tgu-miR-7
mne-miR-7

```
sko-miR-7-5p
                    aga-miR-7
guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca
                    aca-miR-7-5p
                    dps-miR-7
                   bmo-miR-7-5p
                   bfl-miR-7
                   mdo-miR-7
                   rno-miR-7a-5p
                   fru-miR-7
                    pma-miR-7a-5p
                    dre-miR-7a
                    gga-miR-7
                    api-miR-7
                    eca-miR-7
                   nlo-miR-7
                    tur-miR-7-5p
                    chi-miR-7-5p
                   dya-miR-7
                    dwi-miR-7
                    odi-miR-7
                    ssa-miR-7a-5p
                    ame-miR-7
                   ppy-miR-7
                    xtr-miR-7
                    cin-miR-7-5p
                   bta-miR-7
                    dmo-miR-7
                    dan-miR-7
                    bbe-miR-7-5p
                   mml-miR-7
                   hsa-miR-7-5p
                    mse-miR-7
                   dvi-miR-7-5p
                    dme-miR-7-5p
                   csa-miR-7
                   lva-miR-7-5p
                   ggo-miR-7
                    tni-miR-7
                   nvi-miR-7
                   ptr-miR-7
                    dsi-miR-7
                   cqu-miR-7
                    ssc-miR-7
                    oan-miR-7-5p
                   ppa-miR-7
                    der-miR-7
                    cgr-miR-7a
                    dpu-miR-7
                   isc-miR-7
                   dgr-miR-7
                   mmu-miR-7a-5p
                    ccr-miR-7a
                   ipu-miR-7a
                   efu-miR-7a
                   tch-miR-7-5p
                    dse-miR-7
                    aae-miR-7
                   sla-miR-7
                   spu-miR-7
```

oha-miR-7-5p hme-miR-7 pmi-miR-7-5p lgi-miR-7 tgu-miR-7-5p cfa-miR-7 mne-miR-7

guggagcagccagccccaucuggamgaelagugauuuuguuguugucuccugcgcucaacaacaagucccagucugccgcauggugcuggccaccgca

aca-miR-7-5p

dps-miR-7

bmo-miR-7-5p

bfl-miR-7

mdo-miR-7

rno-miR-7a-5p

fru-miR-7

pma-miR-7a-5p

dre-miR-7a

gga-miR-7

api-miR-7

eca-miR-7

nlo-miR-7

tur-miR-7-5p

chi-miR-7-5p

dya-miR-7

dwi-miR-7

odi-miR-7

ssa-miR-7a-5p

ame-miR-7

ppy-miR-7

xtr-miR-7

cin-miR-7-5p

bta-miR-7

dmo-miR-7

dan-miR-7

bbe-miR-7-5p

mml-miR-7

hsa-miR-7-5p

mse-miR-7

dvi-miR-7-5p

dme-miR-7-5p

csa-miR-7

lva-miR-7-5p

ggo-miR-7 tni-miR-7

nvi-miR-7

ptr-miR-7

dsi-miR-7

cqu-miR-7

ssc-miR-7

oan-miR-7-5p

ppa-miR-7 der-miR-7

cgr-miR-7a

dpu-miR-7

isc-miR-7

dgr-miR-7

mmu-miR-7a-5p

ccr-miR-7a ipu-miR-7a

efu-miR-7a

tch-miR-7-5p

dse-miR-7

aae-miR-7

sla-miR-7

spu-miR-7

oha-miR-7-5p

hme-miR-7

pmi-miR-7-5p

lgi-miR-7

tgu-miR-7-5p cfa-miR-7

mne-miR-7