```
miRBase precursor
                              : bta-mir-7-2
                              : 15912
     Total read count
                                                          dme-miR-7-5p read count : 234
     hsa-miR-7-5p read count : 234
     hsa-miR-7-1-3p read count: 0
     rno-miR-7a-5p read count : 234
     rno-miR-7a-1-3p read count: 0
     mmu-miR-7a-5p read count: 234
     mmu-miR-7a-1-3p read count
     gga-miR-7 read count
     dps-miR-7 read count
                              : 234
     dre-miR-7a read count
                              : 234
     ame-miR-7 read count
                              : 234
     aga-miR-7 read count
                              : 234
     ssc-miR-7 read count
                              : 234
     ggo-miR-7 read count
                              234
     ppy-miR-7 read count
                              : 234
     sla-miR-7 read count
                              : 234
     lla-miR-7 read count
                              : 234
      nne-miR-7 read count
                              : 234
     pa-miR-7 read count
                               234
     ptr-miR-7 read count
                              234
     fru-miR-7 read count
                              : 234
0.75 mi-miR-7 read count
                              : 234
     xtr-miR-7 read count
                              234
 0.5 pmo-miR-7-5p read count : 234
     bta-miR-7 read count
                              : 234
     mdo-miR-7 read count
                              : 234
0.25 can-miR-7-5p read count
                              : 234
     odi-miR-7 read count
                              234
  o cin-miR-7-5p read cou
                              · 234
     csa-miR-7 read count
                                                                                                                 length
                              : 234
     mml-miR-7 read count
                              : 234
                            sko22248-7-5p
     cfa-miR-7 read count
     dan-miR-7 read count
                            aga 2004k-7
     der-miR-7 read count
                            11a 2m24k-7
     dgr-miR-7 read count
                            aca 20048-7-5p
     dmo-miR-7 read count
                            dps 20048-7
                            bmb 2m24-7-5p
     dpe-miR-7 read count
     dse-miR-7 read count
                            bf1264k-7
                            mdo 2m24k-7
     dsi-miR-7 read count
     dvi-miR-7-5p read count rno 2004R-7a-5p
                              : 234
     dwi-miR-7 read count
                                                                      rno-miR-7a-1-3p
     dya-miR-7 read count
                            fru234k-7
     bfl-miR-7 read count
                            pma 2m24 - 7a - 5p
     lgi-miR-7 read count
                            dre 20048-7a
     sko-miR-7-5p read count gga 284k-7
     spu-miR-7 read count
                            api 234k-7
     dpu-miR-7 read count
                            eca 2734k-7
                            n16234k-7
     isc-miR-7 read count
     eca-miR-7 read count
                              : 234
                                                                        chi-miR-7-3p
     aae-miR-7 read count
                            tur 2014 - 7-5p
                            chi 264k-7-5p
     cqu-miR-7 read count
     tgu-miR-7-5p read count
                            : 234
                                                                       aja-miR-7
     tgu-miR-7-1-3p read countya Omir-7
     api-miR-7 read count
                            dwi-2m24k-7
     nvi-miR-7 read count
                            odi 224-7
                            dpe 2004k-7
     nlo-miR-7 read count
     cgr-miR-7a read count ssa 2004k-7a-5p
     pma-miR-7a-5p read countme 2004k-7
     aca-miR-7-5p read count ppy 2024-7
     tur-miR-7-5p read count xtr 2014-7
     sha-miR-7 read count
                                                                         mu-miR-7a-1-3p
                            cin2m24-7-5p
     mse-miR-7 read count
                            bta 27348-7
     hme-miR-7 read count
                            dmo 2mi4e - 7
     ccr-miR-7a read count
     aja-miR-7 read count
                            dan QmiR-7
     ipu-miR-7a read count bbe 2014k-7-5p
     pmi-miR-7-5p read count : 234
                                                                       sha-miR-7
     lva-miR-7-5p read count : 234
                                                                       tgu-miR-7-1-3p
     bbe-miR-7-5p read count mm1 2324-7
     ssa-miR-7a-5p read counthsa 2014-7-5p
     efu-miR-7b read count mse 2004k-7
     chi-miR-7-5p read count dvi 2024-7-5p
     chi-miR-7-3p read count dme OmiR-7-5p
     tch-miR-7-5p read count csa 2014-7
     oha-miR-7-5p read count 1va 2224-7-5p
                            ggoQmiR-7
     remaining reads
```

tni-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      mdo-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
นฐฐลนฐนนฐฐนะนลฐนนะนฐนฐ<mark>พิฐิสุดพรู่สิะใสฐนฐลนนนนฐนนฐนนน</mark>นนลฐลนลละนฐลลนะ<mark>gacaacaaaนcacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                  sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      mdo-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
นฐฐลนฐนนฐฐนะนลฐนนะนฐนฐ<mark>พิฐิสุดพรู่สิะใสฐนฐลนนนนฐนนฐนนน</mark>นนลฐลนลละนฐลลนะ<mark>gacaacaaaนcacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                  sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

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sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
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                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
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                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
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                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
efu-miR-7b
mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
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                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
```

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
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                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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
efu-miR-7b
mne-miR-7

```
sko-miR-7-5p
                      aga-miR-7
uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag
                      aca-miR-7-5p
                      dps-miR-7
                      bmo-miR-7-5p
                      bfl-miR-7
                      rno-miR-7a-5p
                                                                rno-miR-7a-1-3p
                      fru-miR-7
                      pma-miR-7a-5p
                      dre-miR-7a
                      gga-miR-7
                      api-miR-7
                      eca-miR-7
                      nlo-miR-7
                                                                  chi-miR-7-3p
                      tur-miR-7-5p
                      chi-miR-7-5p
                                                                 aja-miR-7
                      dya-miR-7
                      dwi-miR-7
                      odi-miR-7
                      dpe-miR-7
                      ssa-miR-7a-5p
                      ame-miR-7
                      ppy-miR-7
                      xtr-miR-7
                                                                 mmu-miR-7a-1-3p
                      cin-miR-7-5p
                      bta-miR-7
                      dmo-miR-7
                      dan-miR-7
                      bbe-miR-7-5p
                                                                 sha-miR-7
                                                                 tgu-miR-7-1-3p
                      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
                                                                 hsa-miR-7-1-3p
                      dpu-miR-7
                      isc-miR-7
                      mmu-miR-7a-5p
                      dgr-miR-7
                      ccr-miR-7a
                      ipu-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 efu-miR-7b mne-miR-7 uggauguuggucuaguucugug<mark>k@gamgReU</mark>agugauuuuguuguuuuuagauaacugaaucg<mark>acaacaaaucacagucugccaua</mark>uggcacaggccaugccucuacag

```
aca-miR-7-5p
dps-miR-7
bmo-miR-7-5p
bfl-miR-7
rno-miR-7a-5p
                                        rno-miR-7a-1-3p
fru-miR-7
pma-miR-7a-5p
dre-miR-7a
gga-miR-7
api-miR-7
eca-miR-7
nlo-miR-7
                                          chi-miR-7-3p
tur-miR-7-5p
chi-miR-7-5p
                                         aja-miR-7
dya-miR-7
dwi-miR-7
odi-miR-7
dpe-miR-7
ssa-miR-7a-5p
ame-miR-7
ppy-miR-7
xtr-miR-7
                                         mmu-miR-7a-1-3p
cin-miR-7-5p
bta-miR-7
dmo-miR-7
dan-miR-7
bbe-miR-7-5p
                                         sha-miR-7
                                         tgu-miR-7-1-3p
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
                                         hsa-miR-7-1-3p
dpu-miR-7
isc-miR-7
mmu-miR-7a-5p
dgr-miR-7
ccr-miR-7a
ipu-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
efu-miR-7b
mne-miR-7
```