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  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
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  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
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   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
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   dmo-miR-9a
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   mne-miR-9
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   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
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ssa-miR-9a-4-3p

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   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
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   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
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   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
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   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
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   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
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  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
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ssa-miR-9a-4-3p

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  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
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  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
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ssa-miR-9a-4-3p

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  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
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   mze-miR-9
  lva-miR-9-5p
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ssa-miR-9a-4-3p

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  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
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  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
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   xtr-miR-9a-5p
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   bma-miR-9-5p
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                                        mmu-miR-9-3p
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   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
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                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
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   mze-miR-9
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ssa-miR-9a-4-3p

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  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
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  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
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   dgr-miR-9a
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  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
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                                       pal-miR-9-3p
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                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
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   dan-miR-9a
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ssa-miR-9a-4-3p

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  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
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  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
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  lmi-miR-9a-5p
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   cpo-miR-9-5p
   tcf-miR-9a-5p
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   gmo-miR-9-5p
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   dan-miR-9a
  cja-miR-9
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ssa-miR-9a-4-3p

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   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
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  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
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  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
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   abu-miR-9-5p
   aca-miR-9-5p
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                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
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   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
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   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
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ssa-miR-9a-4-3p

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  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
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  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
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   bma-miR-9-5p
   cgr-miR-9
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                                        mmu-miR-9-3p
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   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p

```
ggaagcgaguuguua<mark>dsвышģigusaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua</mark>aaaacuccuuca
                                         cpi-miR-9-3p
                                         ssa-miR-9a-8-3p
  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p

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ggaagcgaguuguua<mark>dsвышģigusaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua</mark>aaaacuccuuca
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                                         ssa-miR-9a-8-3p
  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p

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ggaagcgaguuguua<mark>dsвышģigusaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua</mark>aaaacuccuuca
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                                         ssa-miR-9a-8-3p
  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p

```
ggaagcgaguuguua<mark>dsвышģigusaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua</mark>aaaacuccuuca
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                                         ssa-miR-9a-8-3p
  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p

```
ggaagcgaguuguua<mark>dsвышģigusaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua</mark>aaaacuccuuca
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                                         ssa-miR-9a-8-3p
  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p

```
ggaagcgaguuguua<mark>dsвышģigusaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua</mark>aaaacuccuuca
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                                         ssa-miR-9a-8-3p
  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
                                        ssa-miR-9a-2-3p
                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
   cfa-miR-9
                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p

```
ggaagcgaguuguua<mark>dsвышģigusaucuagcuguaugaguguauuggucuucauaaagcuagauaaccgaaagua</mark>aaaacuccuuca
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                                         ssa-miR-9a-8-3p
  ssa-miR-9a-5p
  mdo-miR-9a-5p
   age-miR-9
  lla-miR-9
  pca-miR-9-5p
  dqu-miR-9-5p
  ptr-miR-9
   efu-miR-9-5p
   pmi-miR-9-5p
  dsi-miR-9a
   dwi-miR-9a
   oan-miR-9-5p
                                        ocu-miR-9-3p
  xtr-miR-9-5p
   ppc-miR-9
   spu-miR-9-5p
  ppy-miR-9
                                       gga-miR-9-4-3p
  bta-miR-9-5p
   ccr-miR-9-3p
   dgr-miR-9a
                                        pma-miR-9a-3p
  lmi-miR-9a-5p
                                       hsa-miR-9-3p
   cpo-miR-9-5p
   tcf-miR-9a-5p
                                       chi-miR-9-3p
   der-miR-9a
   xtr-miR-9a-5p
                                       pal-miR-9-3p
   dps-miR-9a
   abu-miR-9-5p
   aca-miR-9-5p
   dmo-miR-9a
                                       mdo-miR-9a-3p
                                        xtr-miR-9a-3p
                                        ssa-miR-9a-5-3p
   ngi-miR-9a
                                       tgu-miR-9-3p
   mne-miR-9
                                        mml-miR-9-3p
                                        efu-miR-9-3p
   bma-miR-9-5p
   cgr-miR-9
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                                        mmu-miR-9-3p
   sha-miR-9
   api-miR-9a
   dya-miR-9a
   ipu-miR-9
  hco-miR-9
                                        bta-miR-9-3p
                                        aca-miR-9-1-3p
  hpo-miR-9-5p
  ola-miR-9a-5p
   gmo-miR-9-5p
  pbv-miR-9-5p
   dme-miR-9a-5p
  ggo-miR-9
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                                       cli-miR-9-3p
   dpe-miR-9a
   ssc-miR-9
                                       rno-miR-9a-3p
  dre-miR-9-5p
   dan-miR-9a
  cja-miR-9
  mle-miR-9-5p
  nbr-miR-9
   aga-miR-9a
   bfl-miR-9-5p
  bbe-miR-9-5p
   mze-miR-9
  lva-miR-9-5p
```

ssa-miR-9a-4-3p