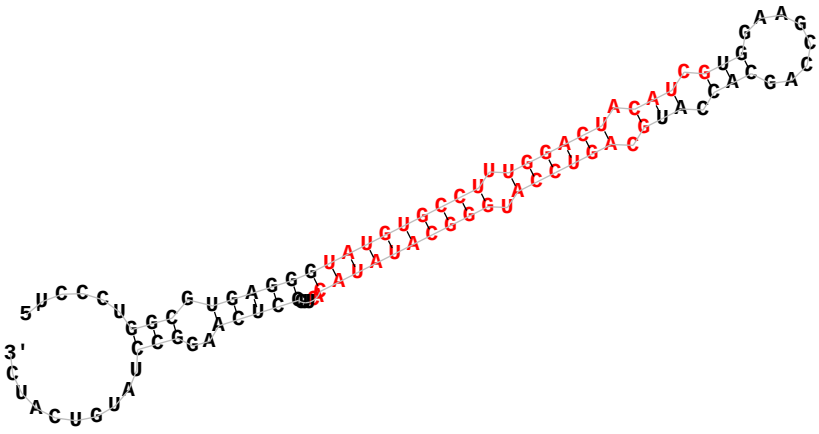
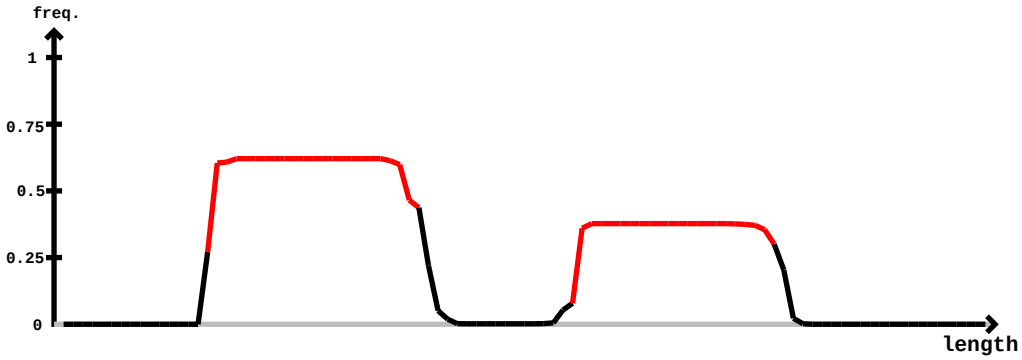
miRBase precursor : hsa-mir-455
Total read count : 1691
hsa-miR-455-5p read count : 1050
hsa-miR-455-3p read count : 632
remaining reads : 641





hsa-miR-455-5p

hsa-miR-455-3p

```
5'- ucccuggcgugaggguaugugccuuuggacuacaucguggaagccagcaccaugcaguccaugggcauauacacuugccucaaggccuaugucauc  -3'   exp
    .....(((.(((((((((((((((.((((((.(((.(((........))).))).)))))).)))))))))))).....)))))..)))........   reads      mm         sample
    ..............guaugugccuuuggacuac.....................................................................   11         0          hsa
    ..............guaugugccCuuggacuaca.....................................................................   1          1          hsa
    ..............guaugugccuuugUacuaca.....................................................................   1          1          hsa
    ..............guaugugccuuuggacuaca.....................................................................   17         0          hsa
    ..............guaugugccuuuggGcuaca.....................................................................   1          1          hsa
    ..............guaugugccuuuggacuacaC.....................................................................   1          1          hsa
    ..............guaugugccuuuggacuaUau.....................................................................   1          1          hsa
    ..............guaugugccuuuggacuacau.....................................................................   193        0          hsa
    ..............guaugugccuuuggacGacau.....................................................................   1          1          hsa
    ..............guauguUccuuuggacuacau.....................................................................   2          1          hsa
    ..............guaugugccuuuUgacuacau.....................................................................   2          1          hsa
    ..............guaugugccuuuggacuacCu.....................................................................   1          1          hsa
    ..............guaugugccuuugUacuacau.....................................................................   2          1          hsa
    ..............gAaugugccuuuggacuacau.....................................................................   1          1          hsa
    ..............guaugGgccuuuggacuacau.....................................................................   1          1          hsa
    ..............gCaugugccuuuggacuacau.....................................................................   2          1          hsa
    ..............guaGgugccuuuggacuacau.....................................................................   1          1          hsa
    ..............guaugugcUuuuggacuacau.....................................................................   1          1          hsa
    ..............guauUugccuuuggacuacau.....................................................................   2          1          hsa
    ..............guaugCgccuuuggacuacau.....................................................................   3          1          hsa
    ..............Uuaugugccuuuggacuacau.....................................................................   2          1          hsa
    ..............guaugugccuuuggacuacauA....................................................................   9          1          hsa
    ..............guaugugccuuuggacuacauc....................................................................   7          0          hsa
    ..............guaugugccuuuggacuacauU....................................................................   11         1          hsa
    ..............guaugugccuuuggacuacaucU...................................................................   1          1          hsa
    ..............guaugGgccuuuggacuacaucg...................................................................   1          1          hsa
    ..............guaugugccuuuggacuacaucA...................................................................   1          1          hsa
    ..............guaugugccuuuggacuacaucg...................................................................   24         0          hsa
    ..............guaugugccuuugUacuacaucg...................................................................   2          1          hsa
    ..............gAaugugccuuuggacuacaucgu..................................................................   1          1          hsa
    ..............guaugugccuuuggGcuacaucgu..................................................................   1          1          hsa
    ..............guGugugccuuuggacuacaucgu..................................................................   1          1          hsa
    ..............guaugugccuuuggacuacaucgA..................................................................   1          1          hsa
    ..............guaugugccuuuggacuacaucgG..................................................................   1          1          hsa
```

hsa-miR-455-5p

hsa-miR-455-3p

ucccuggcgugaggguaugugccuuuggacuacaucguggaagccagcaccaugcaguccaugggcauauacacuugccucaaggccuaugucauc

.....Auaugugccuuuggacuacaucgu.....	1	1	hsa
.....guCugugccuuuggacuacaucgu.....	1	1	hsa
.....guaugugccuuuggacuacaucUu.....	1	1	hsa
.....guaugugccuuuggacuacaucgu.....	117	0	hsa
.....guauUugccuuuggacuacaucgu.....	1	1	hsa
.....gGaugugccuuuggacuacaucgu.....	1	1	hsa
.....guauguUccuuuggacuacaucgu.....	1	1	hsa
.....guaugugccuuugUacuacaucgu.....	1	1	hsa
.....guaugugccuuuggacuacaucguU.....	1	1	hsa
.....guaugugccuuuggacuacaucgug.....	15	0	hsa
.....guauUugccuuuggacuacaucgug.....	1	1	hsa
.....guaugugccuuuggacuacaucgugg.....	1	0	hsa
.....guaugugccuuuggacuacaucgugU.....	8	1	hsa
.....uaugugccuuuggacuac.....	2	0	hsa
.....uaugugcGuuuggacuaca.....	1	1	hsa
.....uaugugccuuuggacuaca.....	4	0	hsa
.....uaugugccuuuggacuacau.....	12	0	hsa
.....uaugugccuuuggacuacauA.....	2	1	hsa
.....uaugugcUuuuggacuacauc.....	1	1	hsa
.....uaugugccuuuggacuacauU.....	1	1	hsa
.....uauguCccuuuggacuacauc.....	1	1	hsa
.....uaugugccuuuggacuacauc.....	15	0	hsa
.....uaugugccuuuggacuUcauc.....	1	1	hsa
.....uaugugccuuuggUcuacaucg.....	2	1	hsa
.....uaCgugccuuuggacuacaucg.....	1	1	hsa
.....uaugugAcuuuggacuacaucg.....	1	1	hsa
.....uaugugccuuCggacuacaucg.....	1	1	hsa
.....uaugugccuuuggaUuacaucg.....	2	1	hsa
.....uaugugccuuuCgacuacaucg.....	2	1	hsa
.....uaugugccuuugUacuacaucg.....	2	1	hsa
.....uaugAgccuuuggacuacaucg.....	1	1	hsa
.....uauguAccuuuggacuacaucg.....	1	1	hsa
.....uCugugccuuuggacuacaucg.....	1	1	hsa
.....uaugugccuuuggacuacaucA.....	3	1	hsa
.....uaugugccuuuggaGuacaucg.....	1	1	hsa
.....uaugugccuuuggGcuacaucg.....	1	1	hsa
.....uaugugccuuuggacuacCucg.....	3	1	hsa
.....uaugugccuuuUgacuacaucg.....	1	1	hsa
.....uaugugccuuuggacuacaucg.....	305	0	hsa
.....uaugugccAuuggacuacaucg.....	1	1	hsa
.....uaugugccuuAggacuacaucg.....	1	1	hsa
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.....uauUugccuuuggacuacaucg.....	1	1	hsa
.....uaugugccuuuggacuacaucU.....	1	1	hsa
.....uauguUccuuuggacuacaucg.....	2	1	hsa
.....uauUugccuuuggacuacaucgu.....	1	1	hsa
.....uaugugccuuuggacuacaucAu.....	1	1	hsa
.....uCugugccuuuggacuacaucgu.....	2	1	hsa
.....Caugugccuuuggacuacaucgu.....	1	1	hsa
.....uaugugccuuuggacuacaucgA.....	3	1	hsa
.....uaugugccuuuggacuacaucgu.....	140	0	hsa
.....uaugugccuuuggacuUcaucgu.....	1	1	hsa
.....uaugugccuuuggacuaUaucgu.....	1	1	hsa
.....uaugugccuuugUacuacaucgu.....	2	1	hsa
.....uaugugccuuuUgacuacaucgu.....	1	1	hsa
.....uaugugccuuuggaUuacaucgu.....	1	1	hsa
.....uaugugccuuuggacuacaucgug.....	18	0	hsa
.....uaugugccuuuggacuacaucguA.....	1	1	hsa
.....uauguUccuuuggacuacaucgug.....	1	1	hsa
.....uaugugccuuuggacuacaucguU.....	4	1	hsa
.....uaugugccuuuggacuacaucgugA.....	1	1	hsa
.....uaugugccuuuggacuacaucgugU.....	10	1	hsa
.....Uugugccuuuggacuacaucg.....	1	1	hsa
.....augugccuuuggacuacaucg.....	3	0	hsa
.....Cugugccuuuggacuacaucgug.....	1	1	hsa
.....augugccuuuggacuacaucgugU.....	1	1	hsa
.....ugugccuuuggacuacaucgu.....	2	0	hsa
.....ugugccuuuggacuacaucgug.....	10	0	hsa
.....ugugccuuuUgacuacaucgug.....	2	1	hsa

hsa-miR-455-5p

hsa-miR-455-3p

ucccuggcgugaggguaugugccuuuggacuacaucguggaagccagcaccaugcaguccaugggcauauacacuugccucaaggccuaugucauc

.....ugugccuuuggacuacaucgugA.....	2	1	hsa
.....ugugccuuuggacuacaucgugU.....	5	1	hsa
.....ugugccuuuggacuacaucgugAa.....	1	1	hsa
.....cguggaagccagcaccau.....	3	0	hsa
.....ccaugcaguccaugggcauauacac.....	1	0	hsa
.....caugcaguccaugggcauaua.....	1	0	hsa
.....caugcaguccaugggcauauaca.....	2	0	hsa
.....caugcaguccaugggcauauacac.....	2	0	hsa
.....augcaguccaugggcaua.....	2	0	hsa
.....augcaguccaugggcauaA.....	1	1	hsa
.....augcaguccaugggcauaua.....	3	0	hsa
.....Cugcaguccaugggcauauac.....	1	1	hsa
.....augcaguccaugggcauauac.....	14	0	hsa
.....augcaguccaugggcauauaca.....	20	0	hsa
.....Cugcaguccaugggcauauaca.....	1	1	hsa
.....augcaguccaugggcauauUca.....	1	1	hsa
.....augcaguccaugggcauauacaA.....	1	1	hsa
.....augcaguccauAggcauauacac.....	1	1	hsa
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.....augcaguccaugggcauauacac.....	27	0	hsa
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.....augcaguccaugggcauauacacA.....	1	1	hsa
.....aAgcaguccaugggcauauacacu.....	1	1	hsa
.....augcaguccaugggcauauacacC.....	1	1	hsa
.....augcaguccaugggcauauacacu.....	1	0	hsa
.....ugcaguccaugggcauau.....	2	0	hsa
.....ugcaguccaugggcauaua.....	1	0	hsa
.....ugcaguccaugggcauauac.....	2	0	hsa
.....ugcaguccaugggcauauaU.....	1	1	hsa
.....ugcaguccaugggcauauaca.....	11	0	hsa
.....ugcGguccaugggcauauacac.....	1	1	hsa
.....ugcaguccaugggcauGuacac.....	1	1	hsa
.....ugcaguccaugggcauauacac.....	14	0	hsa
.....uCcaguccaugggcauauacac.....	1	1	hsa
.....ugcaguccaugggcauauacacu.....	3	0	hsa
.....ugcaguccaugggcauauacacC.....	1	1	hsa
.....ugcaguccaugggcauauacacA.....	5	1	hsa
.....gcaguccauAggcauaua.....	1	1	hsa
.....gcaguccaugggcauauac.....	8	0	hsa
.....gcaguccaugggcauauaU.....	1	1	hsa
.....gcaguccaugggcauauacU.....	1	1	hsa
.....gcaguccaugggcauauaUa.....	1	1	hsa
.....gcaCuccaugggcauauaca.....	1	1	hsa
.....gcaguccaugggcauauaca.....	48	0	hsa
.....gcaguccauggUcauauaca.....	1	1	hsa
.....gcCguccaugggcauauaca.....	1	1	hsa
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.....gcaguccaugCgcauauaca.....	1	1	hsa
.....gcGguccaugggcauauaca.....	1	1	hsa
.....gcagGccaugggcauauacac.....	1	1	hsa
.....gcaguccauAggcauauacac.....	1	1	hsa
.....gcaguccaugUgcauauacac.....	1	1	hsa
.....gcaguccaugggcauauacaU.....	3	1	hsa
.....gcaguccaugggcauauacac.....	98	0	hsa
.....gcGguccaugggcauauacac.....	1	1	hsa
.....gcaguccauggUcauauacac.....	1	1	hsa
.....gcagucUaugggcauauacac.....	1	1	hsa
.....gcaguccaCgggcauauacac.....	1	1	hsa
.....gcaguccaugggcauauacaA.....	1	1	hsa
.....gcaguccaAgggcauauacacu.....	1	1	hsa
.....gcaguccaugggcauauCcacu.....	1	1	hsa
.....gcaguccaugUgcauauacacu.....	1	1	hsa
.....gcaguccaCgggcauauacacu.....	1	1	hsa
.....gcaguccaugggcauauacacA.....	19	1	hsa
.....gcaguccaugggcauauacacG.....	3	1	hsa

hsa-miR-455-5p

hsa-miR-455-3p

ucccuggcgugaggguaugugccuuuggacuacaucguggaagccagcaccaugcaguccaugggcauauacacuugccucaaggccuaugucauc

.....gcaguccaugggcauauacaUu.....	2	1	hsa
.....gcaguccaugggcauauacacC.....	165	1	hsa
.....gcaguccaugggUauauacacu.....	1	1	hsa
.....gcaguccaugggcauauacacu.....	98	0	hsa
.....gcCguccaugggcauauacacu.....	1	1	hsa
.....gcaguccaugggcauauacacCu.....	2	1	hsa
.....gcaguccaugggcauauacacuA.....	1	1	hsa
.....gcagGccaugggcauauacacuu.....	1	1	hsa
.....gcaguccaugggcauauacacuG.....	1	1	hsa
.....gcaguccaugUgcauauacacuu.....	1	1	hsa
.....gcaguccaugggcauauacacuu.....	3	0	hsa
.....gcaguccaugggcauauacacuuU.....	1	1	hsa
.....caguccaugggcauauacaUu.....	1	1	hsa
.....caguccaugggcauauacacAu.....	3	1	hsa
.....caguccaugggcauauacaUuu.....	2	1	hsa
.....caguccaugggcauauacacuu.....	19	0	hsa
.....caguccaugggcauauacacCu.....	2	1	hsa
.....caguccaugggcauauacacuuA.....	1	1	hsa
.....caguccaugggcauauacacuuU.....	1	1	hsa