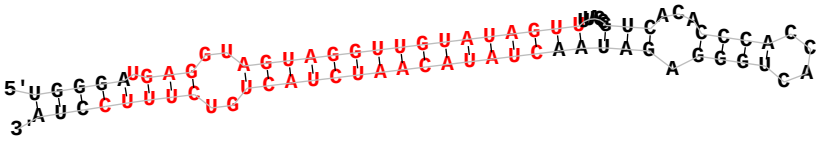
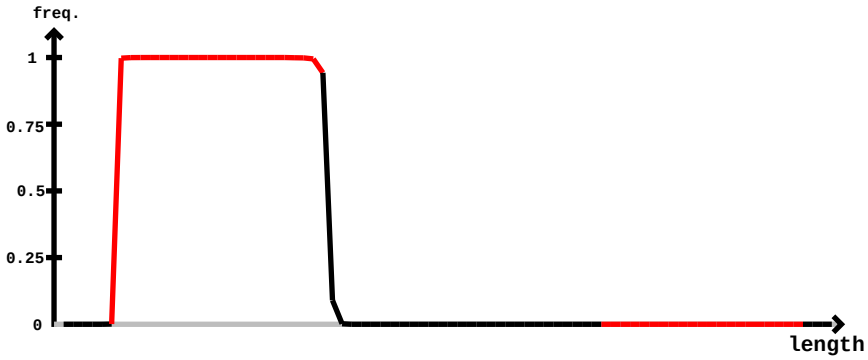
miRBase precursor	: hsa-let-7a-1
Total read count	: 1555166
hsa-let-7a-5p read count	: 1555136
hsa-let-7a-3p read count	: 27
remaining reads	: 30





hsa-let-7a-5p

hsa-let-7a-3p

```
5'- ugggaugagguaguagguuguauaguuuuagggucacacccaccacugggagauaacuauacaaucuacugucuuuccua  -3'    exp
    ((((((.(((..(((((((((((((((((...(((.....))).((....)).....)))))))))))))))))..))))))))   reads      mm         sample
    .ggAaugagguaguagguuguauag.....................................................   1          1          hsa
    .ggAaugagguaguagguuguauaguu...................................................   1          1          hsa
    ..gAaugagguaguagguuguauaguu...................................................   1          1          hsa
    ...gGugagguaguagguuguau.......................................................   1          1          hsa
    ...gUugagguaguagguuguaua......................................................   7          1          hsa
    ...Aaugagguaguagguuguauag.....................................................   1          1          hsa
    ...Aaugagguaguagguuguauagu....................................................   2          1          hsa
    ...Uaugagguaguagguuguauagu....................................................   3          1          hsa
    ...Uaugagguaguagguuguauaguu...................................................   1          1          hsa
    ...Aaugagguaguagguuguauaguu...................................................   40         1          hsa
    ...gaugagguaguagguuguauGguu...................................................   1          1          hsa
    ...gGugagguaguagguuguauaguu...................................................   1          1          hsa
    ...Aaugagguaguagguuguauaguuu..................................................   1          1          hsa
    ....Gugagguaguagguuguau.......................................................   5          1          hsa
    ....Cugagguaguagguuguauag.....................................................   1          1          hsa
    ....augagguaguagguuguauag.....................................................   1          0          hsa
    ....augagguaguagAuuguauag.....................................................   1          1          hsa
    ....Uugagguaguagguuguauag.....................................................   11         1          hsa
    ....Gugagguaguagguuguauag.....................................................   22         1          hsa
    ....Gugagguaguagguuguauagu....................................................   179        1          hsa
    ....augagguaguagAuuguauagu....................................................   31         1          hsa
    ....Cugagguaguagguuguauagu....................................................   18         1          hsa
    ....augagguaguagguuguauaUu....................................................   1          1          hsa
    ....augagguaguagguuguauagu....................................................   3          0          hsa
    ....Uugagguaguagguuguauagu....................................................   75         1          hsa
    ....augagguagGagguuguauaguu...................................................   1          1          hsa
    ....Cugagguaguagguuguauaguu...................................................   444        1          hsa
    ....Uugagguaguagguuguauaguu...................................................   44         1          hsa
    ....augagguaguagguuguauaguu...................................................   11         0          hsa
    ....augagguaguagAuuguauaguu...................................................   229        1          hsa
    ....Gugagguaguagguuguauaguu...................................................   166        1          hsa
    ....Gugagguaguagguuguauaguuu..................................................   7          1          hsa
    ....augagguaguagAuuguauaguuu..................................................   10         1          hsa
    ....augagguaguagguuguauaguuA..................................................   1          1          hsa
```

hsa-let-7a-5p

hsa-let-7a-3p

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....Uugagguaguagguuguauaguuu..... 5 1 hsa
....Cugagguaguagguuguauaguuu..... 15 1 hsa
.....ugagguaguUgguuguau..... 2 1 hsa
.....ugagCuaguagguuguau..... 1 1 hsa
.....ugagguaguagAuuguau..... 414 1 hsa
.....uAagguaguagguuguau..... 1 1 hsa
.....ugagguaCuagguuguau..... 1 1 hsa
.....ugagguaUuagguuguau..... 1 1 hsa
.....ugagguaguagguGguau..... 1 1 hsa
.....ugagguaguagguuguaA..... 16 1 hsa
.....uUagguaguagguuguau..... 1 1 hsa
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.....ugagguaguagguuguau..... 505 0 hsa
.....ugagguaguagguuCuau..... 1 1 hsa
.....ugagguaguCgguuguau..... 3 1 hsa
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.....ugGgguaguagguuguau..... 1 1 hsa
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.....ugagguagGagguuguau..... 104 1 hsa
.....ugaCguaguagguuguaua..... 1 1 hsa
.....Cgagguaguagguuguaua..... 1 1 hsa
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.....uCagguaguagguuguaua..... 1 1 hsa
.....ugagguaguagguuguauC..... 7 1 hsa
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.....ugagUuaguagguuguaua..... 1 1 hsa
.....ugagguGguagguuguaua..... 1 1 hsa
.....ugagguaguagguugCaua..... 3 1 hsa
.....ugagguaguaAguuguaua..... 1 1 hsa
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hsa-let-7a-5p

hsa-let-7a-3p

uggagaugagguaguagguuguauaguuuuagggucacacccaccacugggagauaacuauacaacuacugucuuuccua

.....ugagguaguagguuguaCag..... 5 1 hsa
.....ugagguaguagguuguGuag..... 8 1 hsa
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.....ugaCguaguagguuguauag..... 2 1 hsa
.....ugaggCaguagguuguauag..... 4 1 hsa
.....ugagguaguagguuguauGg..... 49 1 hsa
.....ugGgguaguagguuguauag..... 6 1 hsa
.....ugagguaguagCuuguauag..... 4 1 hsa
.....ugagguaguaggCuguauag..... 2 1 hsa
.....ugagguaguaUguuguauag..... 7 1 hsa
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.....ugagguaguagguuguauCg..... 7 1 hsa
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.....ugagguaguagguugCauag..... 3 1 hsa
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.....ugagguaCuagguuguauagu..... 19 1 hsa

hsa-let-7a-5p

hsa-let-7a-3p

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.....ugUgguaguagguuguauagu..... 25 1 hsa

.....ugagguaguagguuUuauagu..... 195 1 hsa

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.....ugagguaguagguAguauagu..... 10 1 hsa

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.....ugagguaCuagguuguauaguu..... 229 1 hsa

.....ugagguagCagguuguauaguu..... 640 1 hsa

.....ugagAuaguagguuguauaguu..... 273 1 hsa

.....ugagguaguagguuCuauaguu..... 327 1 hsa

.....ugagguaguagguuguaCaguu..... 670 1 hsa

hsa-let-7a-5p

hsa-let-7a-3p

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hsa-let-7a-5p

hsa-let-7a-3p

uggagaugagguaguagguuguauaguuuuagggucacacccaccacugggagauaacuauacaacuacugucuuuccua

.....ugagUuaguaggguuguauaguuu..... 46 1 hsa
.....ugagCuaguaggguuguauaguuu..... 13 1 hsa
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.....ugagguaguaggguuguauaguuuG..... 16 1 hsa
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.....ugagguaguaggguugCauaguuuu..... 2 1 hsa
.....ugagguaguagUuuguauaguuuu..... 2 1 hsa
.....ugagguaguaggguuguauaguuuA..... 306 1 hsa
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.....ugagguaguaggguuguauaguuGu..... 114 1 hsa
.....ugGgguaguaggguuguauaguuuu..... 1 1 hsa
.....ugagguaguaggguuguauaguuuC..... 40 1 hsa
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.....ugagguaguaggguuguauaguuuAa..... 15 1 hsa
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.....ugagguagGaggguuguauaguuuua..... 7 1 hsa
.....ugagguaguaggguuguauaguuuGa..... 2 1 hsa
.....ugagguaguaggguuguauaguuGua..... 4 1 hsa

hsa-let-7a-5p

hsa-let-7a-3p

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.....ugagguaguagguuguauaguuAua.....	4	1	hsa
.....ugagguaguagAuuguauaguuuua.....	3	1	hsa
.....ugagguaguagguuguauaguuuuU.....	4	1	hsa
.....ugagguaguagguuguauaguuuua.....	8	0	hsa
.....ugCgguaguagguuguauaguuuuag.....	1	1	hsa
.....ugagguaguagguuguauaguuuuagU.....	1	1	hsa
.....ugagguaguagAuuguauaguuuuagg.....	1	1	hsa
......gagguaguagAuuguaua.....	1	1	hsa
......gagguaUuagguuguauag.....	1	1	hsa
......gagguagGagguuguauag.....	1	1	hsa
......gagguaguagguuguauag.....	9	0	hsa
......gagguaguagguugCauag.....	3	1	hsa
......Uagguaguagguuguauag.....	1	1	hsa
......gagguaguagAuuguauag.....	9	1	hsa
......gagguaguagguugCauagu.....	9	1	hsa
......gagUuaguagguuguauagu.....	1	1	hsa
......gagguaguagguuguCuagu.....	1	1	hsa
......Uagguaguagguuguauagu.....	7	1	hsa
......gagguaguagguuguauaUu.....	1	1	hsa
......gagguaAuagguuguauagu.....	1	1	hsa
......gagguaguagguuguauagu.....	72	0	hsa
......gagguaguaUguuguauagu.....	1	1	hsa
......gagguaguagAuuguauagu.....	81	1	hsa
......gCgguaguagguuguauagu.....	1	1	hsa
......gagguagGagguuguauagu.....	11	1	hsa
......gagguaguagAuuguauaguu.....	1470	1	hsa
......gagguaguagguuguauaUuu.....	6	1	hsa
......gagguaguagguuguauGguu.....	37	1	hsa
......gagguaUuagguuguauaguu.....	4	1	hsa
......gagguaguagguuAuauaguu.....	1	1	hsa
......gagguaguaggCuguauaguu.....	1	1	hsa
......gGgguaguagguuguauaguu.....	1	1	hsa
......gagguagGagguuguauaguu.....	103	1	hsa
......gagguaguagguugAauaguu.....	1	1	hsa
......gagguaguagguuguauagCu.....	4	1	hsa
......gagguaguagguugGauaguu.....	1	1	hsa
......gagguaguagguuguauaguu.....	729	0	hsa
......gagguaguaUguuguauaguu.....	2	1	hsa
......gCgguaguagguuguauaguu.....	3	1	hsa
......gUgguaguagguuguauaguu.....	1	1	hsa
......gagguaguagguuguauaguA.....	1	1	hsa
......Aagguaguagguuguauaguu.....	1	1	hsa
......gagguaguagUuuguauaguu.....	3	1	hsa
......gagguaguagguuCuauaguu.....	1	1	hsa
......gagCuaguagguuguauaguu.....	1	1	hsa
......gagguaCuagguuguauaguu.....	2	1	hsa
......Uagguaguagguuguauaguu.....	67	1	hsa
......gagguaguagguuguCuaguu.....	3	1	hsa
......gagguaguagguuguUuaguu.....	2	1	hsa
......gagguagCagguuguauaguu.....	3	1	hsa
......gaCguaguagguuguauaguu.....	1	1	hsa
......gaggGaguagguuguauaguu.....	5	1	hsa
......gagguaguagguuguauaguG.....	1	1	hsa
......gagguaguagCuuguauaguu.....	4	1	hsa
......gagguaguagguugCauaguu.....	223	1	hsa
......gagguaguagguuUuauaguu.....	4	1	hsa
......gaggAaguagguuguauaguu.....	5	1	hsa
......gagguaguagUuuguauaguuu.....	1	1	hsa
......gagguaguagguuguauaguuG.....	5	1	hsa
......gagguaguaAguuguauaguuu.....	1	1	hsa
......gagguaguagguuguauGguuu.....	2	1	hsa
......gagguaguagguuguauaguuu.....	112	0	hsa
......gagguaguagguuguauaAuuu.....	1	1	hsa
......gagguaguaggCuguauaguuu.....	1	1	hsa
......gagguaguagguuguauaUuuu.....	1	1	hsa
......gagguagCagguuguauaguuu.....	1	1	hsa
......gagguaguaUguuguauaguuu.....	1	1	hsa
......gagguaguagguuguauaguuA.....	100	1	hsa
......gagguaguaggAuguauaguuu.....	1	1	hsa

hsa-let-7a-5p

hsa-let-7a-3p

uggugaugagguaguagguuguauaguuuuagggucacacccaccacugggagauaacuauacaacuacugucuuuccua

......gCgguaguagguuguauaguuu	5	1	hsa
......gagguaguagguugCauaguuu	18	1	hsa
......Uagguaguagguuguauaguuu	2	1	hsa
......gagguaguagguuUuauaguuu	2	1	hsa
......gagguaguagguuguauaguuC	2	1	hsa
......gagguaUuagguuguauaguuu	2	1	hsa
......gagguagGagguuguauaguuu	14	1	hsa
......gagAuaguagguuguauaguuu	1	1	hsa
......gagguaguagAuuguauaguuu	54	1	hsa
......gagguaguagguuguauaguuAu	7	1	hsa
......gagguagGagguuguauaguuuu	1	1	hsa
......gagguaguagguuguauaguuuu	2	0	hsa
......gagguaguagAuuguauaguuuu	1	1	hsa
......gagguaguagguuguauaguuuA	1	1	hsa
......gagguaguagguugCauaguuuu	2	1	hsa
......gagguaguagguuguauaguuuG	1	1	hsa
......gagguaguagguuguauaguuAua	1	1	hsa
.......agguaguagAuuguauagu	5	1	hsa
.......agguagGagguuguauagu	3	1	hsa
.......Ugguaguagguuguauagu	1	1	hsa
.......agguaguagguuguauagu	9	0	hsa
.......agguagAagguuguauaguu	1	1	hsa
.......agguaguagguuguauUguu	1	1	hsa
.......agguaguagguuguauaguu	107	0	hsa
.......agguaguagguGguauaguu	2	1	hsa
.......agguaguagguuguauaguA	1	1	hsa
.......agguaguagCuuguauaguu	2	1	hsa
.......agguaguagguuguauGguu	1	1	hsa
.......Ugguaguagguuguauaguu	28	1	hsa
.......agguaguUgguuguauaguu	1	1	hsa
.......agguagGagguuguauaguu	18	1	hsa
.......Ggguaguagguuguauaguu	1	1	hsa
.......agguaguagguugCauaguu	17	1	hsa
.......agguaguagguuguCuaguu	1	1	hsa
.......agguaguagAuuguauaguu	131	1	hsa
.......agguaguaUguuguauaguu	2	1	hsa
.......agguaguagguugCauaguuu	2	1	hsa
.......Ugguaguagguuguauaguuu	3	1	hsa
.......agguaguagguCguauaguuu	1	1	hsa
.......aggGaguagguuguauaguuu	1	1	hsa
.......agUuaguagguuguauaguuu	1	1	hsa
.......agguaguagguuguauaguuu	14	0	hsa
.......agguaguagguuguauaguuA	8	1	hsa
.......agguagGagguuguauaguuu	1	1	hsa
.......agguaguagAuuguauaguuu	2	1	hsa
.......agguaguagguuguauaguuuu	1	0	hsa
.......agguaguagguuguauaguuuG	3	1	hsa
.......agguaguagguuguauaguuuA	2	1	hsa
.......agguaguagAuuguauaguuuu	2	1	hsa
........Uguaguagguuguauagu	3	1	hsa
........gguaguagAuuguauagu	1	1	hsa
........Uguaguagguuguauaguu	14	1	hsa
........gguaguagguugCauaguu	3	1	hsa
........gguagGagguuguauaguu	2	1	hsa
........gguaguagguuguauaguu	9	0	hsa
........gguaguagguuguauGguu	2	1	hsa
........gguaguagAuuguauaguu	4	1	hsa
........Aguaguagguuguauaguu	1	1	hsa
........Uguaguagguuguauaguuu	1	1	hsa
........gguaguagguuguauaguuA	4	1	hsa
........gguaguagguuguauaguuuG	1	1	hsa
........gguaguagguuguauaguuuGa	5	1	hsa
.........guaguagAuuguauaguu	2	1	hsa
.........guagGagguuguauaguu	1	1	hsa
.........guaguagguuguauaguu	9	0	hsa
.........guaguagguuguauGguuu	1	1	hsa
.........guagGagguuguauaguuu	1	1	hsa
.........guaguagguuguauaguuuG	1	1	hsa
.........guaguagguuguauaguuuGag	1	1	hsa

hsa-let-7a-5p

hsa-let-7a-3p

uggagugagguaguagguuguauaguuuuagggucacacccaccacugggagauaacuauacaacuacugucuuuccua

.....cuauacaaucuacugucuu.....	1	0	hsa
.....cuauacaGucuacugucuuuc...	2	1	hsa
.....cuauacaaucuacugucuuuc...	1	0	hsa
.....cuauacaaucuacugucuuucA..	2	1	hsa
.....cuauacaaucuacugucuuucU..	15	1	hsa
.....cuauacaaucuacugucuuucc..	3	0	hsa
.....uauacaaucuacugucuuuc...	1	0	hsa
.....uauacaaucuacugucuuuccu.	1	0	hsa
.....auacaaucuacugucuuuccu.	1	0	hsa