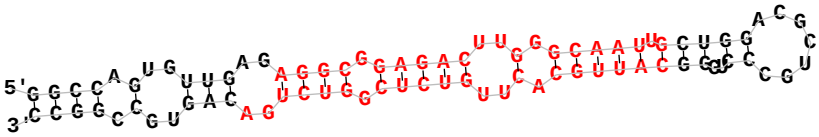
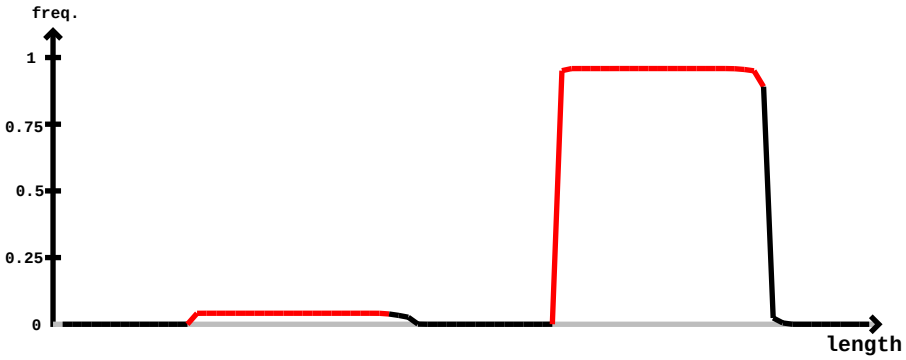
miRBase precursor	: hsa-mir-25
Total read count	: 49709
hsa-miR-25-3p read count	: 47652
hsa-miR-25-5p read count	: 2054
remaining reads	: 47655





hsa-miR-25-5p

hsa-miR-25-3p

```
5'- ggccaguguugagaggcggagacuugggcaauugcuggacgcugcccugggcauugcacuugucucggucugacagugccggcc  -3'    exp
    ((((.(..(((..((((.((((((..(.((((((.(((((.......)).)).)))))))).)..)))))..))))..))).))))    reads      mm         sample
    ............Caggcggagacuugggcaauug.....................................................    2          1          hsa
    ............Caggcggagacuugggcaauugcu....................................................    2          1          hsa
    ............aggcggagacuugggcaa.........................................................    4          0          hsa
    ............aggcggagacuugggcaau........................................................    8          0          hsa
    ............aggcggagacuugggUaauu.......................................................    1          1          hsa
    ............aggcggagacuugUgcaauu.......................................................    1          1          hsa
    ............aggcggagacuAgggcaauu.......................................................    1          1          hsa
    ............aggcggagacuuUggcaauu.......................................................    2          1          hsa
    ............aggcggGgacuugggcaauu.......................................................    1          1          hsa
    ............aggcggagacuugggcaauA.......................................................    2          1          hsa
    ............aggcggaUacuugggcaauu.......................................................    1          1          hsa
    ............aggcggCgacuugggcaauu.......................................................    1          1          hsa
    ............aggcggagacuuggUcaauu.......................................................    1          1          hsa
    ............aggcggagacuugggcaauu.......................................................    118        0          hsa
    ............aggcggagacuugggcaCuu.......................................................    1          1          hsa
    ............agAcggagacuugggcaauu.......................................................    1          1          hsa
    ............aggcggagCcuugggcaauug.....................................................    2          1          hsa
    ............aggcggagacuugggcaauuA.....................................................    1          1          hsa
    ............aggcggagacuuUggcaauug.....................................................    1          1          hsa
    ............aUgcggagacuugggcaauug.....................................................    1          1          hsa
    ............aggcgCagacuugggcaauug.....................................................    1          1          hsa
    ............agCcggagacuugggcaauug.....................................................    2          1          hsa
    ............aggcggaAacuugggcaauug.....................................................    1          1          hsa
    ............aggcggagacuugggcGauug.....................................................    1          1          hsa
    ............aggcggagacuuggCcaauug.....................................................    1          1          hsa
    ............aggcggagacuuggAcaauug.....................................................    1          1          hsa
    ............aggcggagaGuugggcaauug.....................................................    1          1          hsa
    ............aggcggagacuugggcaauuU.....................................................    3          1          hsa
    ............agUcggagacuugggcaauug.....................................................    2          1          hsa
    ............aggcggagacuugggcaauug.....................................................    234        0          hsa
    ............aggcggagacuugggGaauug.....................................................    1          1          hsa
    ............aggcggagacuCgggcaauug.....................................................    1          1          hsa
    ............aggcggagacuugggcCauug.....................................................    2          1          hsa
    ............aggcggUgacuugggcaauug.....................................................    1          1          hsa
```

hsa-miR-25-5p

hsa-miR-25-3p

ggccaguguugagaggcggagacuugggcaauugcuggacgcugcccugggcauugcacuugucucggucugacagugccggcc

.....aggcggagacuugAgcaauug.....	1	1	hsa
.....aggcggagacuugggcaaCugc.....	1	1	hsa
.....aggcggagacuugggcaauugc.....	295	0	hsa
.....aggcggagacuugggcaauCgc.....	1	1	hsa
.....aggcggagacuugggUaauugc.....	1	1	hsa
.....aggcggagacuugggcaauuAc.....	3	1	hsa
.....aggcgUagacuugggcaauugc.....	1	1	hsa
.....aggcggagacuugUgcaauugc.....	3	1	hsa
.....aggcggagacuugggcaaAugc.....	1	1	hsa
.....aggcggagacGugggcaauugc.....	1	1	hsa
.....aggcggagacuugggcGauugc.....	2	1	hsa
.....aggcggaUacuugggcaauugc.....	3	1	hsa
.....aUgcggagacuugggcaauugc.....	1	1	hsa
.....aggcggagacuugggcaauuCc.....	1	1	hsa
.....aggcUgagacuugggcaauugc.....	2	1	hsa
.....aggcggagaAuugggcaauugc.....	1	1	hsa
.....aCgcggagacuugggcaauugc.....	1	1	hsa
.....aggcggagacuugggcaCuugc.....	2	1	hsa
.....aggcggagacuugggcCauugc.....	2	1	hsa
.....agAcggagacuugggcaauugc.....	1	1	hsa
.....aggcggUgacuugggcaauugc.....	1	1	hsa
.....aggcggagacuugggcaauugU.....	2	1	hsa
.....aggcggagacAugggcaauugc.....	1	1	hsa
.....aggcggagacuuUggcaauugc.....	2	1	hsa
.....aggcggCgacuugggcaauugc.....	2	1	hsa
.....aggcggagacuugggcaauuUc.....	5	1	hsa
.....aggcggGgacuugggcaauugc.....	1	1	hsa
.....aggcAgagacuugggcaauugc.....	2	1	hsa
.....aggcggagacCugggcaauugcu.....	2	1	hsa
.....aggcggagCcuugggcaauugcu.....	3	1	hsa
.....aggcggagacuuAggcaauugcu.....	2	1	hsa
.....aggcCgagacuugggcaauugcu.....	1	1	hsa
.....aggcggagacuugggcaauugcu.....	1140	0	hsa
.....aggcggagacGugggcaauugcu.....	3	1	hsa
.....aggcggagacuugggcaaGugcu.....	1	1	hsa
.....aggcAgagacuugggcaauugcu.....	2	1	hsa
.....aggAggagacuugggcaauugcu.....	2	1	hsa
.....Cggcggagacuugggcaauugcu.....	1	1	hsa
.....aggcggagacuuUggcaauugcu.....	2	1	hsa
.....aggcggagacuugggcaauugUu.....	7	1	hsa
.....aggcggagaUuugggcaauugcu.....	1	1	hsa
.....aggcggagacAugggcaauugcu.....	1	1	hsa
.....aggGggagacuugggcaauugcu.....	1	1	hsa
.....aggcggaUacuugggcaauugcu.....	5	1	hsa
.....aggcggagacuugggcaaCugcu.....	1	1	hsa
.....aggcggagacuugggcUauugcu.....	2	1	hsa
.....aggcggagacuugggcaauGgcu.....	2	1	hsa
.....aggcggCgacuugggcaauugcu.....	7	1	hsa
.....aggcggagacuugggcaUuugcu.....	1	1	hsa
.....aggcggagacuugUgcaauugcu.....	15	1	hsa
.....aggcggagacuugggcCauugcu.....	4	1	hsa
.....Uggcggagacuugggcaauugcu.....	1	1	hsa
.....aggcggagacuugCgcaauugcu.....	2	1	hsa
.....aCgcggagacuugggcaauugcu.....	1	1	hsa
.....aggcggagacuGgggcaauugcu.....	1	1	hsa
.....aAgcggagacuugggcaauugcu.....	1	1	hsa
.....aggcggagacuCgggcaauugcu.....	3	1	hsa
.....aggcggUgacuugggcaauugcu.....	1	1	hsa
.....aggcggagacuugggcaauugcA.....	6	1	hsa
.....aggcggagacuugggcaauCgcu.....	1	1	hsa
.....aggcUgagacuugggcaauugcu.....	4	1	hsa
.....aggcggagacuugAgcaauugcu.....	1	1	hsa
.....agAcggagacuugggcaauugcu.....	1	1	hsa
.....aggcggagacuugggcaauuUcu.....	9	1	hsa
.....aggcgUagacuugggcaauugcu.....	5	1	hsa
.....aggcggagaGuugggcaauugcu.....	2	1	hsa
.....Gggcggagacuugggcaauugcu.....	3	1	hsa
.....agCcggagacuugggcaauugcu.....	1	1	hsa
.....aggcggaAacuugggcaauugcu.....	1	1	hsa

hsa-miR-25-5p

hsa-miR-25-3p

ggccaguguugagaggcggagacuugggcaauugcuggacgcugcccugggcauugcacuugucucggucugacagugccggcc

.....agUcggagacuugggcaauugcu.....	1	1	hsa
.....aggcggagaAuugggcaauugcu.....	3	1	hsa
.....aggcggagacuuggUcaauugcu.....	8	1	hsa
.....aUgcggagacuugggcaauugcu.....	2	1	hsa
.....aggcggagacuugggcGauugcu.....	2	1	hsa
.....aggcggagacuugggcaauugcuU.....	14	1	hsa
.....aggcggagacuugggcaauugcug.....	2	0	hsa
.....aggcggagacuugggcaauugcuA.....	15	1	hsa
.....aggcCgagacuugggcaauugcug.....	1	1	hsa
.....aggcggagacuugggcaauugcugg.....	1	0	hsa
.....aggcggagacuugggcaauugcuggac.....	1	0	hsa
.....ggcggagacuugggcaauug.....	1	0	hsa
.....ggcggagacuugggcaauuU.....	1	1	hsa
.....ggcggagacuugggcaauugcu.....	8	0	hsa
.....gcggagacuugggcaauugcu.....	1	0	hsa
.....gcauugcacuugucucggucu.....	1	0	hsa
.....Acauugcacuugucucggucug.....	2	1	hsa
.....gcauugcacuugucucggucug.....	1	0	hsa
.....gcauugcacuugucucggucuga.....	6	0	hsa
.....Acauugcacuugucucggucuga.....	1	1	hsa
.....cauugcacuugucucggu.....	33	0	hsa
.....cauugcacuugucuUggu.....	1	1	hsa
.....cauugcacuugucucgUuc.....	1	1	hsa
.....Uauugcacuugucucgguc.....	1	1	hsa
.....cauuUcacuugucucgguc.....	1	1	hsa
.....cauugcacuugucucgCuc.....	2	1	hsa
.....cauugcCcuugucucgguc.....	2	1	hsa
.....cauugcacuugGcucgguc.....	1	1	hsa
.....cauugcacuugucucgguc.....	131	0	hsa
.....cauugcacuugAcucgguc.....	1	1	hsa
.....cauugcacuugucucUguc.....	1	1	hsa
.....cCuugcacuugucucgguc.....	1	1	hsa
.....cauugcacuugucuUgguc.....	1	1	hsa
.....cauugcacuuguUucgguc.....	1	1	hsa
.....cauugcacuugucGcggucu.....	1	1	hsa
.....cauugcacuugucucgUucu.....	2	1	hsa
.....cauugcacuugCcucggucu.....	1	1	hsa
.....cauugcacuGgucucggucu.....	1	1	hsa
.....cGuugcacuugucucggucu.....	1	1	hsa
.....cauugcacuugucucAgucu.....	1	1	hsa
.....cauugcacuugucuUggucu.....	1	1	hsa
.....cauugcGcuugucucggucu.....	1	1	hsa
.....cauugcacuugucucggucA.....	3	1	hsa
.....cauugcCcuugucucggucu.....	1	1	hsa
.....cauugcacuuguAucggucu.....	2	1	hsa
.....cCuugcacuugucucggucu.....	1	1	hsa
.....cauugcacuuUucucggucu.....	3	1	hsa
.....cauugcacuugucucggGcu.....	1	1	hsa
.....cauugcacuugucucggucu.....	219	0	hsa
.....cauuUcacuugucucggucu.....	3	1	hsa
.....cauugUacuugucucggucu.....	1	1	hsa
.....cauugcacuugucuGggucu.....	1	1	hsa
.....Uauugcacuugucucggucu.....	3	1	hsa
.....cauugcacuugCcucggucug.....	2	1	hsa
.....cauugcacuugucuAggucug.....	2	1	hsa
.....cauugcacuugucucggGcug.....	3	1	hsa
.....cauugcacuugucucgguUug.....	1	1	hsa
.....cauugcacuugucucgUucug.....	17	1	hsa
.....cauugcacuuUucucggucug.....	24	1	hsa
.....cauuCcacuugucucggucug.....	1	1	hsa
.....Uauugcacuugucucggucug.....	3	1	hsa
.....caAugcacuugucucggucug.....	1	1	hsa
.....cauugcacuugucucgguGug.....	1	1	hsa
.....cauugGacuugucucggucug.....	2	1	hsa
.....cauGgcacuugucucggucug.....	4	1	hsa
.....cauugcacuugucucggucuC.....	1	1	hsa
.....cUuugcacuugucucggucug.....	2	1	hsa
.....cauugcacuuAucucggucug.....	2	1	hsa
.....cauugcacuugucucAgucug.....	4	1	hsa

hsa-miR-25-5p

hsa-miR-25-3p

ggccaguguugagaggcggagacuugggcaauugcuggacgcugcccugggcauugcacuugucucggucugacagugccggcc

.....cauugcaUuugucucggucug.....	6	1	hsa
.....caCugcacuugucucggucug.....	1	1	hsa
.....cauugcacuuguUucggucug.....	4	1	hsa
.....cauugcacuugAcucggucug.....	2	1	hsa
.....cauugcacuugGcucggucug.....	2	1	hsa
.....cauugcacuugucucggAcug.....	2	1	hsa
.....cauugAacuugucucggucug.....	2	1	hsa
.....cauugcacuugucucggucuU.....	24	1	hsa
.....cauugcacuugucCcggucug.....	1	1	hsa
.....cauCgcacuugucucggucug.....	1	1	hsa
.....cCuugcacuugucucggucug.....	18	1	hsa
.....cauugcCcuugucucggucug.....	12	1	hsa
.....cauugUacuugucucggucug.....	7	1	hsa
.....cauugcacuugucucggucug.....	2670	0	hsa
.....cauuUcacuugucucggucug.....	14	1	hsa
.....cauugcacuugucucUgucug.....	15	1	hsa
.....cauugcGcuugucucggucug.....	2	1	hsa
.....cauugcacuuCucucggucug.....	2	1	hsa
.....cauugcacuugucucggucuA.....	3	1	hsa
.....cauugcacuGgucucggucug.....	1	1	hsa
.....cauugcacuugucucggucGg.....	2	1	hsa
.....cauugcacuugucuGggucug.....	6	1	hsa
.....cauugcacuugucucgAucug.....	2	1	hsa
.....cauugcacuCgucucggucug.....	17	1	hsa
.....cauugcaAuugucucggucug.....	3	1	hsa
.....cauugcacuugucucggucCg.....	2	1	hsa
.....cauugcacuugucuUggucug.....	11	1	hsa
.....cauugcacuugucucggCcug.....	3	1	hsa
.....cauAgcacuugucucggucug.....	1	1	hsa
.....cGuugcacuugucucggucug.....	2	1	hsa
.....cauugcaGuugucucggucug.....	4	1	hsa
.....cauugcacuugucucggucAg.....	1	1	hsa
.....cauugcacuugucGcggucug.....	3	1	hsa
.....caGugcacuugucucggucug.....	1	1	hsa
.....cauugcacuugucucgguAug.....	2	1	hsa
.....cauugcacuAgucucggucug.....	8	1	hsa
.....cauugcacuugucucCgucug.....	2	1	hsa
.....cauugcacuugucucggCcuga.....	58	1	hsa
.....cauugcacuuguGucggucuga.....	10	1	hsa
.....Uauugcacuugucucggucuga.....	55	1	hsa
.....cauugcacuugucucgguAuga.....	35	1	hsa
.....cauugcacuugucucggucuUa.....	268	1	hsa
.....cauugcacuugucCcggucuga.....	35	1	hsa
.....caGugcacuugucucggucuga.....	2	1	hsa
.....cauugcacuugucucgguUuga.....	54	1	hsa
.....cauugcCcuugucucggucuga.....	183	1	hsa
.....cauugcacuugAcucggucuga.....	32	1	hsa
.....cauugcacuugucucggucugU.....	1181	1	hsa
.....cauugcacuCgucucggucuga.....	74	1	hsa
.....cauugcacuugucucggucugC.....	66	1	hsa
.....cauugcacuugucucggucugG.....	22	1	hsa
.....cauugcacuugucuUggucuga.....	97	1	hsa
.....cauugcaGuugucucggucuga.....	21	1	hsa
.....cauugcacuuguAucggucuga.....	5	1	hsa
.....cauugcacuuguUucggucuga.....	39	1	hsa
.....cauugcacuGgucucggucuga.....	53	1	hsa
.....cauugcaAuugucucggucuga.....	12	1	hsa
.....cauugcacGugucucggucuga.....	5	1	hsa
.....Gauugcacuugucucggucuga.....	8	1	hsa
.....cauugcacuugucucggGcuga.....	73	1	hsa
.....cauAgcacuugucucggucuga.....	43	1	hsa
.....cauugcacuugucucggucCga.....	19	1	hsa
.....cauugcacuugucucggucuCa.....	18	1	hsa
.....cauugcacuugucucggucuga.....	37932	0	hsa
.....cUuugcacuugucucggucuga.....	14	1	hsa
.....cauugcacuugucucggucuAa.....	112	1	hsa
.....Aauugcacuugucucggucuga.....	6	1	hsa
.....cCuugcacuugucucggucuga.....	257	1	hsa
.....cauugcacuugucGcggucuga.....	12	1	hsa

hsa-miR-25-5p

hsa-miR-25-3p

ggccaguguugagaggcggagacuugggcaauugcuggacgcugcccugggcauugcacuugucucggucugacagugccggcc

.....cauugcacuugucAcggucuga.....	21	1	hsa
.....cauugcacuugucucggucGga.....	16	1	hsa
.....cauuAcacuugucucggucuga.....	46	1	hsa
.....cauugcacuugucuGggucuga.....	33	1	hsa
.....cauugcacuugucuCgucuga.....	13	1	hsa
.....cauugcacuugucucAgucuga.....	39	1	hsa
.....cauugcacuugucucgUucuga.....	303	1	hsa
.....cauugcUcuugucucggucuga.....	31	1	hsa
.....cauugcacuuUucucggucuga.....	278	1	hsa
.....cauugcGcuugucucggucuga.....	47	1	hsa
.....cGuugcacuugucucggucuga.....	30	1	hsa
.....cauugcacuugucucggucAga.....	7	1	hsa
.....caCugcacuugucucggucuga.....	34	1	hsa
.....cauugGacuugucucggucuga.....	7	1	hsa
.....cauugcacuugucucgCucuga.....	20	1	hsa
.....cauGgcacuugucucggucuga.....	33	1	hsa
.....cauugcaUuugucucggucuga.....	145	1	hsa
.....cauugcacuuCucucggucuga.....	16	1	hsa
.....cauuCcacuugucucggucuga.....	37	1	hsa
.....cauugcacuugucucggAcuga.....	15	1	hsa
.....cauCgcacuugucucggucuga.....	49	1	hsa
.....cauugcacuugCcucggucuga.....	42	1	hsa
.....caAugcacuugucucggucuga.....	17	1	hsa
.....cauugcacuugucucgguGuga.....	36	1	hsa
.....cauugcacuugucuAggucuga.....	26	1	hsa
.....cauugcacuuAucucggucuga.....	18	1	hsa
.....cauugAacuugucucggucuga.....	8	1	hsa
.....cauugcacAugucucggucuga.....	11	1	hsa
.....cauugcacuugucucUgucuga.....	192	1	hsa
.....cauugcacuugGcucggucuga.....	39	1	hsa
.....cauugUacuugucucggucuga.....	85	1	hsa
.....cauugcacuAgucucggucuga.....	77	1	hsa
.....cauugcacuugucucgAucuga.....	32	1	hsa
.....cauugcacCugucucggucuga.....	14	1	hsa
.....cauuUcacuugucucggucuga.....	110	1	hsa
.....cauugcacuugucucggucuUac.....	1	1	hsa
.....cauugcacuugucucggucugaU.....	344	1	hsa
.....cauugcacuugucucggucugaG.....	12	1	hsa
.....cauugcacuugucucggucugac.....	19	0	hsa
.....cauugcacuugucucUgucugac.....	1	1	hsa
.....cauugcacuugucucggucugUc.....	1	1	hsa
.....cauugcacuugucucggucugaA.....	541	1	hsa
.....cauugcacuCgucucggucugaca.....	1	1	hsa
.....cauugcacuugucucggucugaca.....	8	0	hsa
.....cauugcacuugucucggucugaUa.....	9	1	hsa
.....cauugcacuugucucggucugacG.....	1	1	hsa
.....cauugcacuugucucggucugaAa.....	224	1	hsa
.....cauugcacuugucucggucugacaA.....	1	1	hsa
.....cauugcacuugucucggucugacUg.....	1	1	hsa
.....auugcacuugucucggucu.....	1	0	hsa
.....auugcacuugucucgUucug.....	2	1	hsa
.....auugcacuuUucucggucug.....	1	1	hsa
.....auugcacuugucuUggucug.....	1	1	hsa
.....auugcacuugucucggucug.....	19	0	hsa
.....auugcacuugucuGggucug.....	1	1	hsa
.....auugcacuugucucggucugU.....	11	1	hsa
.....aCugcacuugucucggucuga.....	1	1	hsa
.....auugcacuugucCcggucuga.....	1	1	hsa
.....Uuugcacuugucucggucuga.....	1	1	hsa
.....auugcacuugucuCgucuga.....	1	1	hsa
.....auugcaAuugucucggucuga.....	1	1	hsa
.....auugcacuugucucgUucuga.....	1	1	hsa
.....auugcacuugucucUgucuga.....	2	1	hsa
.....auugcacuuUucucggucuga.....	1	1	hsa
.....auugUacuugucucggucuga.....	1	1	hsa
.....auugcacGugucucggucuga.....	1	1	hsa
.....aGugcacuugucucggucuga.....	1	1	hsa
.....auugcacuugucuUggucuga.....	1	1	hsa
.....auugcacuugucucAgucuga.....	1	1	hsa

hsa-miR-25-5p

hsa-miR-25-3p

ggccaguguugagaggcggagacuugggcaauugcuggacgcugcccugggcauugcacuugucucggucugacagugccggcc

.....auugcacuugucucggucuUa.....	4	1	hsa
.....auugcacuuAucucggucuga.....	1	1	hsa
.....auugcaUuugucucggucuga.....	2	1	hsa
.....auugcacuuCucucggucuga.....	3	1	hsa
.....Cuugcacuugucucggucuga.....	2	1	hsa
.....auugcacuugucucggCcuga.....	1	1	hsa
.....auugcacuugucGcggucuga.....	1	1	hsa
.....auuUcacuugucucggucuga.....	1	1	hsa
.....auugcacuuguAucggucuga.....	1	1	hsa
.....auugcacuAgucucggucuga.....	1	1	hsa
.....auugcacuugucucggucuga.....	308	0	hsa
.....auuCcacuugucucggucuga.....	1	1	hsa
.....auugcCcuugucucggucuga.....	1	1	hsa
.....auugcacuugucucggucugac.....	6	0	hsa
.....auugcacuugucucggucugaU.....	1	1	hsa
.....auugcacuugucucggucugaA.....	3	1	hsa
.....auugcacuugucucggucugaAa.....	1	1	hsa
.....uugcacuugucucggucuga.....	1	0	hsa
.....Cugcacuugucucggucuga.....	1	1	hsa
.....uugcacuugucucggucugaUa.....	1	1	hsa
.....uugcacuugucucggucugaca.....	1	0	hsa
.....ugcacuugucucggucuga.....	1	0	hsa
.....gcacuugucucggucuga.....	2	0	hsa
.....acuugucucggucugacaUugc.....	2	1	hsa