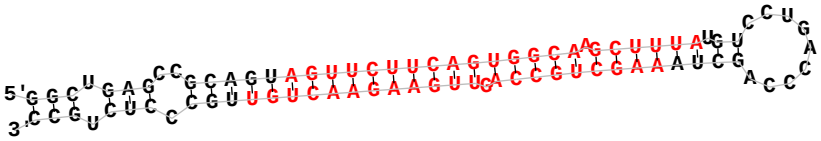
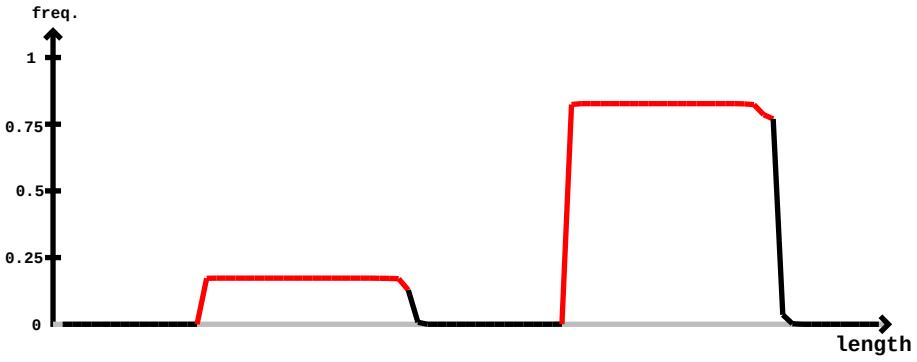
miRBase precursor	: hsa-mir-22
Total read count	: 13710
hsa-miR-22-3p read count	: 11340
hsa-miR-22-5p read count	: 2370
remaining reads	: 11340





hsa-miR-22-3p

hsa-miR-22-5p

```
5'- ggcugagccgcaguaguucuucaguggcaagcuuuauguccugacccagcuaaagcugccaguugaagaacuguugcccucugcc  -3'    exp
    (((.(((..((((((((((((((((((((.((((((.((.........)))))))))))))).)))))))))))))))).))).)))   reads      mm         sample
    .............uaguucuucaguggcaagcuuua.....................................................   1          0          hsa
    .............aguucuucaguggcaagc...........................................................   5          0          hsa
    .............aguucuucaguggcaaUc...........................................................   1          1          hsa
    .............aguucuucaguggcaaUcu..........................................................   1          1          hsa
    .............aguucuucaguggcaagcu..........................................................   6          0          hsa
    .............aguuGuucaguggcaagcuu.........................................................   1          1          hsa
    .............Gguucuucaguggcaagcuu.........................................................   1          1          hsa
    .............aguucuucaguggcaagcuu.........................................................   15         0          hsa
    .............aguCcuucaguggcaagcuu.........................................................   1          1          hsa
    .............aguucuucaguggcaCgcuuu........................................................   4          1          hsa
    .............aguucuucaguggcaaAcuuu........................................................   1          1          hsa
    .............aguucuucaguggcaagcuuu........................................................   519        0          hsa
    .............aguucuucaguggcaagcuGu........................................................   1          1          hsa
    .............aguucuucaguUgcaagcuuu........................................................   5          1          hsa
    .............aguucuucaguggcaagGuuu........................................................   1          1          hsa
    .............aguucuucUguggcaagcuuu........................................................   1          1          hsa
    .............aguucuuUaguggcaagcuuu........................................................   1          1          hsa
    .............Gguucuucaguggcaagcuuu........................................................   1          1          hsa
    .............aUuucuucaguggcaagcuuu........................................................   4          1          hsa
    .............aguucuucagAggcaagcuuu........................................................   1          1          hsa
    .............Cguucuucaguggcaagcuuu........................................................   1          1          hsa
    .............aguucuucaguggcaagcuuC........................................................   1          1          hsa
    .............aguucCucaguggcaagcuuu........................................................   1          1          hsa
    .............aguucuucaguggcaagcuuA........................................................   7          1          hsa
    .............aguucuucagGggcaagcuuu........................................................   2          1          hsa
    .............aguucuucaguggcaagcAuu........................................................   2          1          hsa
    .............aguucuucaUuggcaagcuuu........................................................   2          1          hsa
    .............aguucuucaguggcaagcuuG........................................................   1          1          hsa
    .............agCucuucaguggcaagcuuu........................................................   2          1          hsa
    .............aguucuucaguggUaagcuuu........................................................   4          1          hsa
    .............aguucAucaguggcaagcuuu........................................................   1          1          hsa
    .............aguucuucaguggcCagcuuu........................................................   1          1          hsa
    .............aguucuucaguggcaaUcuuu........................................................   4          1          hsa
    .............aguucuucaguggcaaCcuuu........................................................   2          1          hsa
```

hsa-miR-22-3p

hsa-miR-22-5p

ggcugagccgcaguaguucuucaguggcaagcuuuauguccugacccagcuaaagcugccaguugaagaacuguugcccucugcc

.....aguucuucaguCgcaagcuuu.....	2	1	hsa
.....aguucuuGaguggcaagcuuu.....	1	1	hsa
.....aguucuucaguggcaagcuCu.....	1	1	hsa
.....aguucuucGguggcaagcuuu.....	1	1	hsa
.....aguucuucaCuggcaagcuuu.....	2	1	hsa
.....aguucuucagugAcaagcuuu.....	1	1	hsa
.....aguucuucaAuggcaagcuuu.....	2	1	hsa
.....aguucuucagugUcaagcuuu.....	1	1	hsa
.....aguuGuucaguggcaagcuuu.....	1	1	hsa
.....aguucuucaguggcaagcuAu.....	1	1	hsa
.....aguucuuUaguggcaagcuuua.....	3	1	hsa
.....aguucuucGguggcaagcuuua.....	1	1	hsa
.....aguucuucagugUcaagcuuua.....	4	1	hsa
.....aUuucuucaguggcaagcuuua.....	3	1	hsa
.....aguucuucagGggcaagcuuua.....	1	1	hsa
.....Gguucuucaguggcaagcuuua.....	1	1	hsa
.....aguucuucaguggcaaCcuuua.....	2	1	hsa
.....aguucuucaguggAaagcuuua.....	2	1	hsa
.....aguucuucaguggcaagGuuua.....	1	1	hsa
.....aguucuAcaguggcaagcuuua.....	3	1	hsa
.....aguucuucaCuggcaagcuuua.....	2	1	hsa
.....aguucuucaguggcaagcCuua.....	2	1	hsa
.....Cguucuucaguggcaagcuuua.....	4	1	hsa
.....aguucuucaguggcaagcuuua.....	1473	0	hsa
.....aguucuucaguggcaagcuuuC.....	7	1	hsa
.....aguucuucaguggcaagcGuua.....	1	1	hsa
.....aguucuucaguggcaCgcuuua.....	7	1	hsa
.....aguucuucaguggcaaAcuuua.....	3	1	hsa
.....agCucuucaguggcaagcuuua.....	3	1	hsa
.....aguucuucaguggcaagcuAua.....	16	1	hsa
.....aguucuucaguggcaagcuuuG.....	2	1	hsa
.....aCuucuucaguggcaagcuuua.....	3	1	hsa
.....aguucuucaUuggcaagcuuua.....	10	1	hsa
.....aguucuucaguggcaaUcuuua.....	12	1	hsa
.....aguucuucaguUgcaagcuuua.....	11	1	hsa
.....aguucuucaguggcaagcuuAa.....	1	1	hsa
.....aguuUuucaguggcaagcuuua.....	2	1	hsa
.....aguucuucaguggcaGgcuuua.....	1	1	hsa
.....aguucuucaguggcaagcuuuU.....	29	1	hsa
.....aguucuucaguAgcaagcuuua.....	5	1	hsa
.....aguucuucaguggcGagcuuua.....	2	1	hsa
.....aAuucuucaguggcaagcuuua.....	2	1	hsa
.....aguucuucaguggcaagcAuua.....	1	1	hsa
.....aguucuucaAuggcaagcuuua.....	2	1	hsa
.....aguucuucagCggcaagcuuua.....	1	1	hsa
.....aguucuucCguggcaagcuuua.....	5	1	hsa
.....aguucuucaguggUaagcuuua.....	5	1	hsa
.....aguucuuAaguggcaagcuuua.....	1	1	hsa
.....aguucuucaguggcCagcuuua.....	1	1	hsa
.....agAucuucaguggcaagcuuua.....	2	1	hsa
.....aguucCucaguggcaagcuuua.....	1	1	hsa
.....aguucuucaguAcaagcuuua.....	1	1	hsa
.....aguucuucaguCgcaagcuuua.....	4	1	hsa
.....aguucuuGaguggcaagcuuua.....	1	1	hsa
.....aguucuuUaguggcaagcuuuau.....	1	1	hsa
.....aguucuucaguggcaagcuuuaA.....	64	1	hsa
.....aguucuucaguggcaagcuuuCu.....	1	1	hsa
.....aguucuucaguggcGagcuuuau.....	1	1	hsa
.....aguucuucaguggcaagcuuuau.....	36	0	hsa
.....guucuucaguggcaagcuuu.....	1	0	hsa
.....guucuucaguggcaagcuuua.....	7	0	hsa
.....Aaaagcugccaguugaagaacugu.....	2	1	hsa
.....Caagcugccaguugaagaacugu.....	2	1	hsa
.....aaagcugccaguugaagaacugu.....	1	0	hsa
.....aagcugccaguugaagaa.....	12	0	hsa
.....aagcugcUaguugaagaa.....	1	1	hsa
.....aaCcugccaguugaagaac.....	1	1	hsa
.....aagcugccaguuAaagaac.....	1	1	hsa
.....aagcugccaguugaagaac.....	34	0	hsa

hsa-miR-22-3p

hsa-miR-22-5p

ggcugagccgcaguaguucuucaguggcaagcuuuauguccugacccagcuaaagcugccaguugaagaacuguugcccucugcc

.....aagcugccaguugaagGac.....	1	1	hsa
.....aagcugccaguugaagaaA.....	2	1	hsa
.....aagcugccaCuugaagaac.....	1	1	hsa
.....aagcugcAaguugaagaacu.....	1	1	hsa
.....aCgcugccaguugaagaacu.....	3	1	hsa
.....aagcugccaguugaagaCcu.....	1	1	hsa
.....aagcugccaCuugaagaacu.....	2	1	hsa
.....aagcGgccaguugaagaacu.....	1	1	hsa
.....aagcugcGaguugaagaacu.....	1	1	hsa
.....aagcugccaguugaagaacu.....	442	0	hsa
.....aagcugccaguugaaUaacu.....	5	1	hsa
.....aagcugccaguugaagGacu.....	1	1	hsa
.....aagcugcUaguugaagaacu.....	2	1	hsa
.....aGgcugccaguugaagaacu.....	1	1	hsa
.....aagcugccaguugUagaacu.....	1	1	hsa
.....aagcugccaguugCagaacu.....	1	1	hsa
.....aagcugccaguugaagCacu.....	1	1	hsa
.....aagcugccaguuAaagaacu.....	2	1	hsa
.....aagcugccaguugaagaaAu.....	1	1	hsa
.....aagcAgccaguugaagaacu.....	1	1	hsa
.....aagcugccaguugaagaacA.....	15	1	hsa
.....aagcugccaAuugaagaacu.....	2	1	hsa
.....aagcugccaUuugaagaacu.....	4	1	hsa
.....aagcuUccaguugaagaacu.....	2	1	hsa
.....aagcugccaguugaCgaacu.....	1	1	hsa
.....aagcugccagGugaagaacu.....	1	1	hsa
.....aaUcugccaguugaagaacu.....	2	1	hsa
.....aagcugccaguugaaCaacu.....	1	1	hsa
.....aagcugccaguCgaagaacu.....	2	1	hsa
.....aagcugccagAugaagaacu.....	1	1	hsa
.....aagcugccaguuUaagaacu.....	3	1	hsa
.....Uagcugccaguugaagaacu.....	2	1	hsa
.....aagcugccaguugaagUacu.....	1	1	hsa
.....aagcuCccaguugaagaacu.....	1	1	hsa
.....Cagcugccaguugaagaacu.....	1	1	hsa
.....aagAugccaguugaagaacu.....	2	1	hsa
.....aagcugGcaguugaagaacu.....	2	1	hsa
.....aagcugccaguugaagaacuC.....	2	1	hsa
.....aagcuUccaguugaagaacug.....	1	1	hsa
.....aagcugccaguugaagaacuU.....	13	1	hsa
.....aagcugccaUuugaagaacug.....	4	1	hsa
.....aagcugccaguugaagUacug.....	1	1	hsa
.....aagcugccaCuugaagaacug.....	2	1	hsa
.....aagcugcUaguugaagaacug.....	2	1	hsa
.....aagUugccaguugaagaacug.....	1	1	hsa
.....aagcugccaguugaagaacug.....	175	0	hsa
.....aaAcugccaguugaagaacug.....	1	1	hsa
.....aagcugccagCugaagaacug.....	1	1	hsa
.....aagcAgccaguugaagaacug.....	1	1	hsa
.....Cagcugccaguugaagaacug.....	1	1	hsa
.....aagcugccaguugaaAaacug.....	1	1	hsa
.....aagcugccaguugaagaacuA.....	9	1	hsa
.....aagcugccaguGgaagaacug.....	1	1	hsa
.....aagcugccaguuUaagaacug.....	1	1	hsa
.....aCgcugccaguugaagaacug.....	2	1	hsa
.....aagcugccaguuCaagaacug.....	1	1	hsa
.....aagcugccaguugaagCacug.....	1	1	hsa
.....Gagcugccaguugaagaacugu.....	8	1	hsa
.....aagcuCccaguugaagaacugu.....	1	1	hsa
.....aagcugccaguugaagaacuAu.....	7	1	hsa
.....aagcugccaguugaagaacAgu.....	2	1	hsa
.....aagcugccaUuugaagaacugu.....	131	1	hsa
.....aagcugccaguugaagaacugG.....	4	1	hsa
.....aagcugccaguugaGgaacugu.....	6	1	hsa
.....aagcAgccaguugaagaacugu.....	6	1	hsa
.....aagcugccagGugaagaacugu.....	15	1	hsa
.....aagcugccaguugaagaGcugu.....	4	1	hsa
.....aagcugccaguuCaagaacugu.....	3	1	hsa
.....aagcugAcaguugaagaacugu.....	13	1	hsa

hsa-miR-22-3p

hsa-miR-22-5p

ggcugagccgcaguaguucuucaguggcaagcuuuauguccugacccagcuaaagcugccaguugaagaacuguugcccucugcc

.....aagcugGcaguugaagaacugu.....	3	1	hsa
.....aagUugccaguugaagaacugu.....	7	1	hsa
.....aagcugcAaguugaagaacugu.....	2	1	hsa
.....aaAcugccaguugaagaacugu.....	8	1	hsa
.....aUgcugccaguugaagaacugu.....	7	1	hsa
.....aagcugcGaguugaagaacugu.....	3	1	hsa
.....aagGugccaguugaagaacugu.....	4	1	hsa
.....aagcugccaguugaUgaacugu.....	5	1	hsa
.....aagcugUcaguugaagaacugu.....	11	1	hsa
.....aagcugccaguugaCgaacugu.....	12	1	hsa
.....aagcugccUguugaagaacugu.....	7	1	hsa
.....aagcCgccaguugaagaacugu.....	5	1	hsa
.....aagcugccaguugaaUaacugu.....	50	1	hsa
.....aagcuAccaguugaagaacugu.....	4	1	hsa
.....aagcugcUaguugaagaacugu.....	18	1	hsa
.....aagcugccaguugaagaacuCu.....	16	1	hsa
.....aagcugccaguugaagCacugu.....	32	1	hsa
.....aagcugccaguugaaAaacugu.....	24	1	hsa
.....Cagcugccaguugaagaacugu.....	11	1	hsa
.....aagcugccaguugGagaacugu.....	7	1	hsa
.....aagcugccaguugaaCaacugu.....	3	1	hsa
.....aagcugccaguugaagaacCgu.....	5	1	hsa
.....aagcugccaCuugaagaacugu.....	45	1	hsa
.....aagcugccaguugUagaacugu.....	10	1	hsa
.....aaCcugccaguugaagaacugu.....	13	1	hsa
.....aagcugccagAugaagaacugu.....	3	1	hsa
.....aagcugccaguuUaagaacugu.....	19	1	hsa
.....aagcugccaguugaagGacugu.....	13	1	hsa
.....aagcugccaguugCagaacugu.....	8	1	hsa
.....aagcugccaguugaagaCcugu.....	15	1	hsa
.....aagcugccCguugaagaacugu.....	10	1	hsa
.....aGgcugccaguugaagaacugu.....	15	1	hsa
.....Uagcugccaguugaagaacugu.....	10	1	hsa
.....aagcugccaguGgaagaacugu.....	2	1	hsa
.....aagcugccaguCgaagaacugu.....	11	1	hsa
.....aagcugccaguAgaagaacugu.....	5	1	hsa
.....aagcugccaAuugaagaacugu.....	14	1	hsa
.....aagcuUccaguugaagaacugu.....	11	1	hsa
.....aagcugccaguugaagaaUugu.....	12	1	hsa
.....aCgcugccaguugaagaacugu.....	58	1	hsa
.....aagcugccaguugaagUacugu.....	7	1	hsa
.....aagcugccaguugaagaacugA.....	31	1	hsa
.....aagcugccagCugaagaacugu.....	8	1	hsa
.....aagcugccaguugaagaacugu.....	9020	0	hsa
.....aagcugccaguugaagaacGgu.....	5	1	hsa
.....aagcugccaguugaagaacuUu.....	103	1	hsa
.....aagAugccaguugaagaacugu.....	2	1	hsa
.....aaUcugccaguugaagaacugu.....	26	1	hsa
.....aagcugccaguuAaagaacugu.....	29	1	hsa
.....aagcGgccaguugaagaacugu.....	10	1	hsa
.....aagcugccGguugaagaacugu.....	1	1	hsa
.....aagcugccaguugaagaaAugu.....	16	1	hsa
.....aagcugccaguugaagaaGugu.....	8	1	hsa
.....aagcugccaguugaagaacugC.....	40	1	hsa
.....aagcuAccaguugaagaacuguu.....	1	1	hsa
.....aagcugccaCuugaagaacuguu.....	1	1	hsa
.....aagcugccaguugaagaacAguu.....	1	1	hsa
.....aagcugccaAuugaagaacuguu.....	2	1	hsa
.....aagcugccaguugaagaacuguC.....	1	1	hsa
.....aGgcugccaguugaagaacuguu.....	1	1	hsa
.....aagcugccagAugaagaacuguu.....	1	1	hsa
.....aagcugccaguugaagaacuCuu.....	1	1	hsa
.....aagcugccaguugaagaacuguG.....	1	1	hsa
.....aagcugccaguuAaagaacuguu.....	2	1	hsa
.....aagcGgccaguugaagaacuguu.....	1	1	hsa
.....aagcugccaUuugaagaacuguu.....	1	1	hsa
.....aagcugccaguugaagaaGuguu.....	1	1	hsa
.....aagcugccaguugaagaacugCu.....	1	1	hsa
.....aagcugccaguugaagaCcuguu.....	1	1	hsa

hsa-miR-22-3p

hsa-miR-22-5p

ggcugagccgcaguaguucuucaguggcaagcuuuauguccugacccagcuaaagcugccaguugaagaacuguugcccucugcc

.....aagcugccaguugaagaacuguA.....	219	1	hsa
.....aagcugccaguugaagaacuguu.....	217	0	hsa
.....aagcugcUaguugaagaacuguu.....	1	1	hsa
.....aagcugccaguugaagaacuUuu.....	3	1	hsa
.....aagcugccaguugaagaacuguuU.....	11	1	hsa
.....aagcugccaguugaagaacuguuA.....	9	1	hsa
.....aagcugccaguugaagaacuguAg.....	6	1	hsa
.....aagcugccaguugaagaacuguuC.....	1	1	hsa
.....agcugccaguugaagaacA.....	1	1	hsa
.....agcugccaguugaagaacu.....	1	0	hsa
.....agcugccaguugaagaacugu.....	29	0	hsa
.....agcugccaguGgaagaacugu.....	1	1	hsa
.....agcugccaguugaagaacuAu.....	1	1	hsa
.....agcugccaguugaaUaacugu.....	2	1	hsa
.....agcugccCguugaagaacugu.....	1	1	hsa
.....agcugccaguugaagaacugC.....	1	1	hsa
.....aCcugccaguugaagaacugu.....	1	1	hsa
.....agcugccagCugaagaacugu.....	1	1	hsa
.....agcugccaguugaagaacuguu.....	1	0	hsa
.....agcugccaguugaagaacuguuU.....	1	1	hsa
.....gcugccaguugaagaacuguA.....	1	1	hsa
.....gcugccaguugaagaacuguuU.....	1	1	hsa