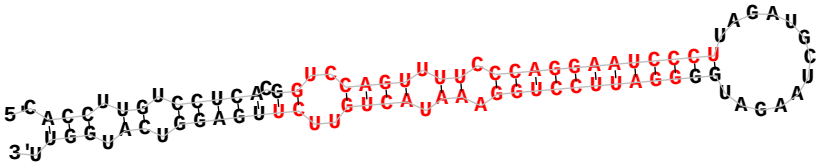
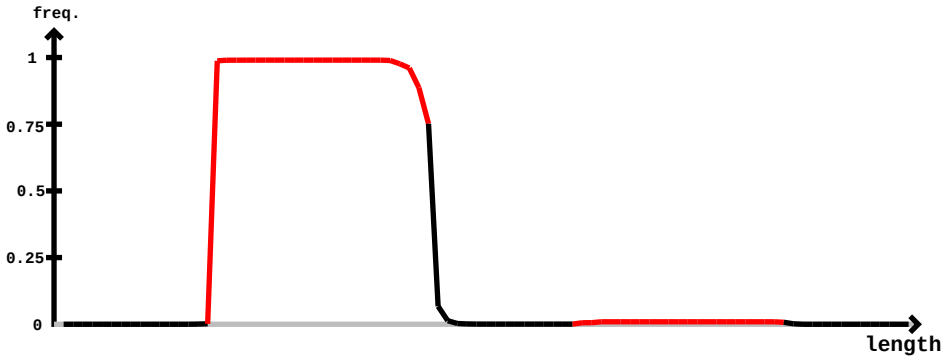
miRBase precursor : hsa-mir-145
Total read count : 6657
hsa-miR-145-5p read count : 6592
hsa-miR-145-3p read count : 62
remaining reads : 65





hsa-miR-145-5p

hsa-miR-145-3p

```
5'- caccuuguccucacgguccaguuuucccaggaaucccuuagaugcuaagaugggguccuggaaauacuguucugaggucaugguu  -3'    exp
    .(((.((.((((((.((..((((.((.(((((((((((.....)))))))))))).)).)))).)).)))))))).)).)))).   reads      mm         sample
    .............cgguccaguuuucccaggaaucc.....................................................   1          0          hsa
    .............cUguccaguuuucccaggaaucc.....................................................   3          1          hsa
    .............gguccaguuuucccaggaau........................................................   1          0          hsa
    .............gguccaguuuucccaggaauc.......................................................   1          0          hsa
    .............gguccaguuuucccaggaaucc......................................................   1          0          hsa
    .............Cguccaguuuucccaggaaucccu....................................................   3          1          hsa
    .............gguccaguuuucccaggaaucccu....................................................   1          0          hsa
    .............Cguccaguuuucccaggaaucccuu...................................................   1          1          hsa
    .............guccaguuuucccaggaa..........................................................   9          0          hsa
    .............guccaguuuucccaggaau.........................................................   77         0          hsa
    .............guUcaguuuucccaggaau.........................................................   1          1          hsa
    .............guccaguuuucccaggaaA.........................................................   2          1          hsa
    .............guccaguuuGcccaggaau.........................................................   1          1          hsa
    .............guccaguuuucccaggaauG........................................................   1          1          hsa
    .............guccaguuuucccagUaauc........................................................   1          1          hsa
    .............guccaguuuCccccaggaauc.......................................................   1          1          hsa
    .............guccagAuuucccaggaauc........................................................   1          1          hsa
    .............guccaguuuucccaggaauA........................................................   7          1          hsa
    .............guccaguuuucccaggaCuc........................................................   1          1          hsa
    .............guccCguuuucccaggaauc........................................................   1          1          hsa
    .............gCccaguuuucccaggaauc........................................................   1          1          hsa
    .............guccaguuuucccaggaauc........................................................   92         0          hsa
    .............guccaguuuucccagAaaucc.......................................................   1          1          hsa
    .............guccagGuuucccaggaaucc.......................................................   1          1          hsa
    .............guccaguuuucccaUgaaucc.......................................................   9          1          hsa
    .............guccagCuuucccaggaaucc.......................................................   1          1          hsa
    .............guccaguuuCccccaggaaucc......................................................   1          1          hsa
    .............guccagAuuucccaggaaucc.......................................................   3          1          hsa
    .............guccaguuuucccaggCaucc.......................................................   2          1          hsa
    .............gAccaguuuucccaggaaucc.......................................................   1          1          hsa
    .............guccaguuuucccaggaaucA.......................................................   32         1          hsa
    .............guccaguuuucccUggaaucc.......................................................   1          1          hsa
    .............guUcaguuuucccaggaaucc.......................................................   1          1          hsa
    .............guccaguuCucccaggaaucc.......................................................   1          1          hsa
```

hsa-miR-145-5p

hsa-miR-145-3p

caccuuguccucacgguccaguuuucccaggaaucccuuagaugcuaagauggggauuccuggaaauacuguucuugaggucaugguu

.....guccaguuuucccaggaaucU.....	1	1	hsa
.....guAcaguuuucccaggaaucc.....	1	1	hsa
.....guccaguuuucUcaggaaucc.....	2	1	hsa
.....guccaguuuuccUaggaaucc.....	1	1	hsa
.....guccaguuuucccaggaCucc.....	1	1	hsa
.....gGccaguuuucccaggaaucc.....	1	1	hsa
.....guccaguGuucccaggaaucc.....	2	1	hsa
.....guccaguuuucccaggaaucc.....	415	0	hsa
.....guccaguuuucccGggaaucc.....	1	1	hsa
.....guccaguuuuUccaggaaucc.....	1	1	hsa
.....guccaguuuucccCggaaucc.....	1	1	hsa
.....guccaguuuucccaAgaaucc.....	1	1	hsa
.....guccaguuuucccaggaaCcc.....	1	1	hsa
.....guccaguuuucccaggaGucc.....	1	1	hsa
.....guccCguuuucccaggaaucc.....	3	1	hsa
.....gGccaguuuucccaggaauccc.....	1	1	hsa
.....guAcaguuuucccaggaauccc.....	1	1	hsa
.....guccaguuuGcccaggaauccc.....	1	1	hsa
.....guccaguuCucccaggaauccc.....	2	1	hsa
.....guccaguuuucccaUgaauccc.....	11	1	hsa
.....guccaguuuuccAaggaauccc.....	1	1	hsa
.....guccaguuuucccUggaauccc.....	1	1	hsa
.....guccaguuuucccaggaaAccc.....	1	1	hsa
.....guUcaguuuucccaggaauccc.....	2	1	hsa
.....guccaguuuucccaggaauccc.....	789	0	hsa
.....guccagCuuucccaggaauccc.....	2	1	hsa
.....guccaguCuucccaggaauccc.....	2	1	hsa
.....guccaUuuuucccaggaauccc.....	3	1	hsa
.....guccaguuuucccaggaCuccc.....	4	1	hsa
.....guccaguuuucAcaggaauccc.....	4	1	hsa
.....guccaguuuucccaggUauccc.....	1	1	hsa
.....guccaguuuuUccaggaauccc.....	3	1	hsa
.....guccaguuuucccagUaauccc.....	3	1	hsa
.....guccaguuuucccaggaauGcc.....	1	1	hsa
.....guccaguuuucccaggaaucUc.....	2	1	hsa
.....guccaguuuucccaggaUuccc.....	1	1	hsa
.....guccaguuuucccaggaGuccc.....	1	1	hsa
.....gCccaguuuucccaggaauccc.....	1	1	hsa
.....guccagAuuucccaggaauccc.....	1	1	hsa
.....guccaguuuucccaggGauccc.....	1	1	hsa
.....guccaguuuucccagAaauccc.....	5	1	hsa
.....guccaguuuucccaggaauccU.....	5	1	hsa
.....guccaguuuucccCggaauccc.....	3	1	hsa
.....Cuccaguuuucccaggaauccc.....	2	1	hsa
.....guccCguuuucccaggaauccc.....	7	1	hsa
.....guccaguuuucccaggaauUcc.....	1	1	hsa
.....guccaguuuucccaggCauccc.....	3	1	hsa
.....guccaguuuuccUaggaauccc.....	1	1	hsa
.....guccaguuuucUcaggaauccc.....	3	1	hsa
.....guccaguuuucccaggaauccA.....	10	1	hsa
.....guccaguuuucccaggaaCccc.....	2	1	hsa
.....guccaguuuucccGggaauccc.....	1	1	hsa
.....guccGguuuucccaggaauccc.....	1	1	hsa
.....gucUaguuuucccaggaauccc.....	4	1	hsa
.....guccaguuuucccaAgaauccc.....	1	1	hsa
.....Auccaguuuucccaggaauccc.....	3	1	hsa
.....gAccaguuuucccaggaauccc.....	2	1	hsa
.....guccaguuuAcccaggaauccc.....	2	1	hsa
.....guccaguAuucccaggaauccc.....	1	1	hsa
.....guccaguuuucccaggaaGccc.....	2	1	hsa
.....guccaguuuuccUaggaaucccu.....	26	1	hsa
.....guccaguuuucccaUgaaucccu.....	34	1	hsa
.....guccaguuuucccaggUaucccu.....	6	1	hsa
.....guccaguuuucccagCaaucccu.....	3	1	hsa
.....guccaguuuucccaggaaucccC.....	28	1	hsa
.....guccaguuuucccagUaaucccu.....	18	1	hsa
.....guccaguGuucccaggaaucccu.....	1	1	hsa
.....guccaguuuucccagAaaucccu.....	13	1	hsa
.....guccaguuuucccaggaauccAu.....	5	1	hsa

hsa-miR-145-5p

hsa-miR-145-3p

caccuuguccucacgguccaguuuucccaggaaucccuuagaugcuaagauggggauuccuggaaauacuguucuugaggucaugguu

..............gGccaguuuucccaggaaucccu.....	4	1	hsa
..............guccaUuuuucccaggaaucccu.....	11	1	hsa
..............guccaguuuGcccaggaaucccu.....	6	1	hsa
..............guccaguuuucccaggGaucccu.....	7	1	hsa
..............guccagCuuucccaggaaucccu.....	6	1	hsa
..............guGcaguuuucccaggaaucccu.....	2	1	hsa
..............guccCguuuucccaggaaucccu.....	44	1	hsa
..............Cuccaguuuucccaggaaucccu.....	2	1	hsa
..............guccaguuuuccGaggaaucccu.....	1	1	hsa
..............guccagAuuucccaggaaucccu.....	9	1	hsa
..............guccaguuuucccaggaaucccA.....	67	1	hsa
..............guccaguuuucccaggCaucccu.....	11	1	hsa
..............guccaguuuucccUggaaucccu.....	3	1	hsa
..............guccaguuuucccaggaaucUcu.....	19	1	hsa
..............guccaguuuucAcaggaaucccu.....	7	1	hsa
..............guccaguuuucccaAgaaucccu.....	4	1	hsa
..............guccaguuuuAccaggaaucccu.....	1	1	hsa
..............guccaguuuuUccaggaaucccu.....	12	1	hsa
..............gCccaguuuucccaggaaucccu.....	6	1	hsa
..............guccaguuuucccaggaauAccu.....	1	1	hsa
..............guccaguuuucccaggaauccGu.....	1	1	hsa
..............guAcaguuuucccaggaaucccu.....	11	1	hsa
..............guccaguuuucccaggaaGcccu.....	3	1	hsa
..............guccaguuuucccaggaaucGcu.....	2	1	hsa
..............guccaguuuucccaggaUucccu.....	1	1	hsa
..............guccaguuuucccaggaaucAcu.....	5	1	hsa
..............gucUaguuuucccaggaaucccu.....	7	1	hsa
..............guccaguuuucccaggaauUccu.....	9	1	hsa
..............gAccaguuuucccaggaaucccu.....	11	1	hsa
..............guccagGuuucccaggaaucccu.....	6	1	hsa
..............guccaguuuucccaggaCucccu.....	9	1	hsa
..............guccaguCuucccaggaaucccu.....	6	1	hsa
..............Auccaguuuucccaggaaucccu.....	5	1	hsa
..............guccaguuuucccaggaGucccu.....	2	1	hsa
..............guUcaguuuucccaggaaucccu.....	10	1	hsa
..............guccaguuuucccaggaauGccu.....	1	1	hsa
..............guccaguuuucccCggaaucccu.....	8	1	hsa
..............guccUguuuucccaggaaucccu.....	3	1	hsa
..............guccaguuuucUcaggaaucccu.....	6	1	hsa
..............Uuccaguuuucccaggaaucccu.....	5	1	hsa
..............guccaguuuAcccaggaaucccu.....	6	1	hsa
..............guccaguuuuccGggaaucccu.....	2	1	hsa
..............guccaguuuucccaggaaucccu.....	4014	0	hsa
..............gucGaguuuucccaggaaucccu.....	2	1	hsa
..............guccaguuGucccaggaaucccu.....	1	1	hsa
..............guccGguuuucccaggaaucccu.....	4	1	hsa
..............guccaguuuucccaggaaAcccu.....	2	1	hsa
..............guccaguuuucccaCgaaucccu.....	4	1	hsa
..............guccaguuuucccaggaauccUu.....	3	1	hsa
..............guccaguuuuccAaggaaucccu.....	4	1	hsa
..............gucAaguuuucccaggaaucccu.....	4	1	hsa
..............guccaguAuucccaggaaucccu.....	2	1	hsa
..............guccaCuuuucccaggaaucccu.....	3	1	hsa
..............guccaguuuCcccaggaaucccu.....	14	1	hsa
..............guccaguuuucccaggaaCcccu.....	4	1	hsa
..............guccaguuuucccaggaaucccG.....	1	1	hsa
..............guccaguuuucccaggaauGccuu.....	1	1	hsa
..............guccaguuuucccaggaaucccAu.....	17	1	hsa
..............guccaguuuGcccaggaaucccuu.....	1	1	hsa
..............guccaguuuCcccaggaaucccuu.....	2	1	hsa
..............guccaguuuucccaUgaaucccuu.....	4	1	hsa
..............guccaguuuucccaggaaucccuC.....	1	1	hsa
..............Uuccaguuuucccaggaaucccuu.....	1	1	hsa
..............guccaguuuuccUaggaaucccuu.....	4	1	hsa
..............guccaguuuuUccaggaaucccuu.....	2	1	hsa
..............guccaguuuucccaggaaucccCu.....	1	1	hsa
..............guccaguuuucccaggaaucUcuu.....	1	1	hsa
..............gucAaguuuucccaggaaucccuu.....	2	1	hsa
..............guccaguuuucccaggaaucccuu.....	227	0	hsa

hsa-miR-145-5p

hsa-miR-3p

caccuuguccucacgguccaguuuucccaggaaucccuuagaugcuaagauggggauuccuggaaauacuguucugaggucaugguu

.....gucGaguuuucccaggaaucccuu.....	1	1	hsa
.....guccaguCuucccaggaaucccuu.....	1	1	hsa
.....guccaguuuucccaggaaucccuG.....	10	1	hsa
.....guccaguuuucccaggaaucccGu.....	1	1	hsa
.....guccCguuuucccaggaaucccuu.....	1	1	hsa
.....guccaguuuucccaggaaucccuA.....	72	1	hsa
.....guAcaguuuucccaggaaucccuu.....	1	1	hsa
.....guccaguuuucccaggaauUccuu.....	1	1	hsa
.....guccagAuuucccaggaaucccuu.....	1	1	hsa
.....guccaguuuucccaCgaaucccuu.....	3	1	hsa
.....gGccaguuuucccaggaaucccuu.....	1	1	hsa
.....guccaguuuucccaggaCucccuu.....	1	1	hsa
.....guccaguuuucccaggaaucccuua.....	8	0	hsa
.....guccaguuuucccaggaaucccuGa.....	1	1	hsa
.....guccaguuuucccaggaaucccuAa.....	40	1	hsa
.....guUcaguuuucccaggaaucccuua.....	1	1	hsa
.....guccaguuuucccaggaaucccuuG.....	1	1	hsa
.....guccaguuuucccaggaaucUcuua.....	1	1	hsa
.....guccaguuuuUccaggaaucccuua.....	1	1	hsa
.....guccaguuuucccaggaaucccAua.....	1	1	hsa
.....guccaguuuucccaggaaucccuuU.....	15	1	hsa
.....guccaguuuucccaggaaucccuuaA.....	6	1	hsa
.....guccaguuuucccaggaaucccuuaU.....	2	1	hsa
.....guccaguuuucccaggaaucccuAag.....	3	1	hsa
.....guccaguuuucccaggaaucccuuCga.....	1	1	hsa
.....guccaguuuucccaggaaucccuuGga.....	2	1	hsa
.....guccaguuuucccaggaaucccuuaCa.....	1	1	hsa
.....guccaguuuucccaggaaucccuuCgau.....	1	1	hsa
.....uccaguuuucccaggaaucc.....	1	0	hsa
.....uccaguuuuccUaggaaucccu.....	1	1	hsa
.....uccaguuuucccaggaaucccu.....	11	0	hsa
.....uccaguuuucccCggaaucccu.....	1	1	hsa
.....uccaguuuucccaggaaucccuuU.....	1	1	hsa
.....caguuuucccaggaaucccu.....	1	0	hsa
.....aguuuucccaggaaucccu.....	1	0	hsa
.....cuuaAaugcuaagaugggg.....	1	1	hsa
.....cuuagaugcuaagaugggg.....	2	0	hsa
.....ggCuuccuggaaauacuguu.....	1	1	hsa
.....ggauuccuggaaauacuguuc.....	6	0	hsa
.....ggauuccuggaaaCacuguuc.....	1	1	hsa
.....Ugauuccuggaaauacuguuc.....	1	1	hsa
.....ggauuccuggaaauacuguuA.....	1	1	hsa
.....ggauuccuggaaauacuguucu.....	22	0	hsa
.....ggauuccGggaaauacuguucu.....	1	1	hsa
.....ggauuccuggaaauacuguucuA.....	1	1	hsa
.....gauuccuggaaauacuguucu.....	3	0	hsa
.....auuccuggaaauacuguuc.....	2	0	hsa
.....auuccuUgaaauacuguucu.....	1	1	hsa
.....auuccuggaaauacuguucu.....	11	0	hsa
.....auuccuggaaauacuguucuG.....	2	1	hsa
.....auuccuggaaauacuguucuA.....	5	1	hsa
.....auuccuggaaauacuguucuu.....	4	0	hsa