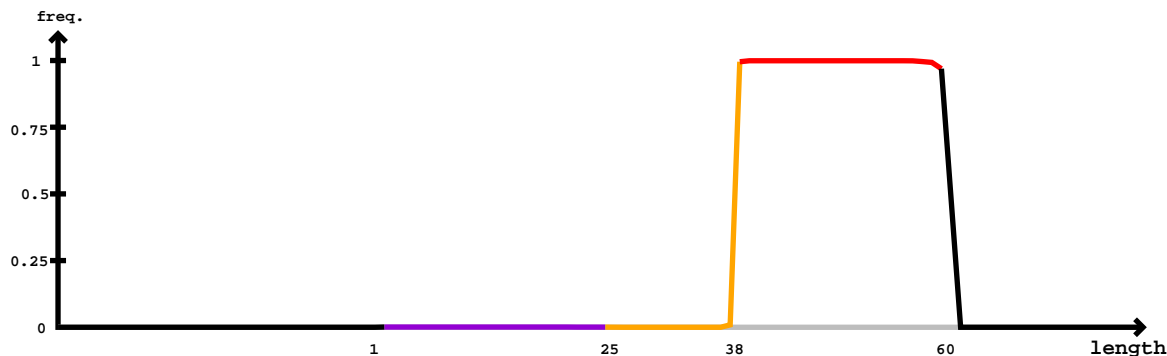
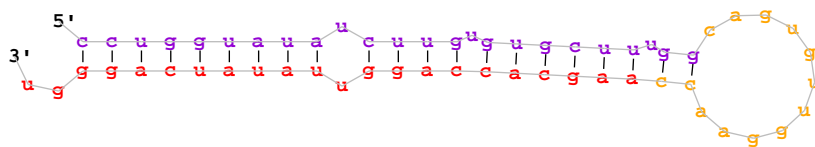


Provisional ID : NMRB01001254.1\_Notospermus\_geniculatus\_strain\_Ushimado\_scaffold1254,\_whole\_genome\_shotgun\_sequence\_26722  
Score total : 30550.9  
Score for star read(s) : 3.9  
Score for read counts : 30542.7  
Score for mfe : 1.3  
Score for randfold : 0  
Score for cons. seed : 3  
Total read count : 59920  
Mature read count : 59868  
Loop read count : 0  
Star read count : 52



Star

Mature

| 5' -   | obs  | reads | mm  | sample |
|--|------|-------|-----|--------|
| cguuauaaucgagcguuauugccuuacuugaacccugguauauucugugucuuuggcaguguuggaaccaggcaccagguuauauacagggugcuugcaucgcauguacaaa | -3'  |       |     |        |
| cguuauaaucgagcguuauugccuuacuugaacccugguauauucugugucuuuggcaguguuggaaccaggcaccagguuauauacagggugcuugcaucgcauguacaaa | exp  |       |     |        |
| .....((((.....))))((((((((((((((((((((.....))          |      |       |     |        |
| .....aagcaccagguuauauca.....   | 8    | 0     | Mm1 |        |
| .....aagcaccagguuauauacag.....   | 1    | 0     | Mm1 |        |
| .....aagcaccagguuauauacaggg.....   | 4    | 0     | Mm1 |        |
| .....aagcaccGgguuauauacagggg.....  | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauauUagggg.....   | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauaucGggg.....  | 2    | 1     | Mm1 |        |
| .....aagcaccagguuauauacagggg.....  | 140  | 0     | Mm1 |        |
| .....aagcaccagguuauaucGgggu.....   | 2    | 1     | Mm1 |        |
| .....aagcaccagguuauauacaggggu.....   | 1242 | 0     | Mm1 |        |
| .....Gagcaccagguuauauacaggggu.....   | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauauUaggggu.....  | 4    | 1     | Mm1 |        |
| .....aagcacUagguuauauacaggggu.....   | 1    | 1     | Mm1 |        |
| .....Nagcaccagguuauauacaggggu.....   | 1    | 1     | Mm1 |        |
| .....aagcaccaggAuauauacaggggu.....   | 4    | 1     | Mm1 |        |
| .....Uagcaccagguuauauacaggggu.....   | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauauAaggggu.....  | 5    | 1     | Mm1 |        |
| .....aagcaccaggGuauauacaggggu.....   | 2    | 1     | Mm1 |        |
| .....aaUcaccagguuauauacaggggu.....   | 2    | 1     | Mm1 |        |
| .....aagcaccagguuauauacaggggG.....   | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauauacUgggu.....  | 4    | 1     | Mm1 |        |
| .....aagcaccagguuauauGaggggu.....  | 3    | 1     | Mm1 |        |
| .....aagcaccagguuauaucCgggu.....   | 6    | 1     | Mm1 |        |
| .....aagAaccagguuauauacaggggu.....   | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauGucaggggu.....  | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauauacaggggC.....   | 74   | 1     | Mm1 |        |
| .....aagcGccagguuauauacaggggu.....   | 1    | 1     | Mm1 |        |
| .....aagcaccagguuauauacagggguU.....  | 13   | 1     | Mm1 |        |
| .....aagcaccagguuauauacagggguA.....  | 35   | 1     | Mm1 |        |
| .....agcaccagguuauauacaggggu.....  | 5    | 0     | Mm1 |        |
| .....cuuauugccuuacuugaac.....  | 1    | 0     | Mm2 |        |
| .....ccugguauauucugugucuu.....   | 2    | 0     | Mm2 |        |
| .....ccugguauauucugugucuuu.....  | 2    | 0     | Mm2 |        |

## Star

## Mature

|  |  |   |     |
|--|--|---|-----|
| cguaauaaucgagcuuaaugccuacuugaacccugguaauaucuugugucuuuggcaguguuggaacc | aagcaccagguaauaucagggugcuugcaucgcauguacaaa |   |     |
| .....ccugguaauaucuugugucuuug.....                                    | 1  | 0 | Mm2 |
| .....ccugguaauaucuugugucuuugg.....                                   | 14   | 0 | Mm2 |
| .....Uucuugugucuuuggca.....  | 1  | 1 | Mm2 |
| .....Ucaagcaccagguaauaucaggg.....                                    | 2  | 1 | Mm2 |
| .....caagcaccagguaauauAaggg.....                                     | 1  | 1 | Mm2 |
| .....caagcaccagguaauaucaggg.....                                     | 6  | 0 | Mm2 |
| .....caagcaccagAuuaauaucaggg.....                                    | 1  | 1 | Mm2 |
| .....caagcacAagguuauaucaggg.....                                     | 1  | 1 | Mm2 |
| .....caagcaccagguaauaucaggg.....                                     | 6  | 0 | Mm2 |
| .....caagcaccagguaauaucagggC.....                                    | 1  | 1 | Mm2 |
| .....aagcaccagguaauauca.....   | 2  | 0 | Mm2 |
| .....aagcaccagguaauaucaA.....  | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucag.....  | 7  | 0 | Mm2 |
| .....aagcaccagguaauaucGg.....  | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucUgg.....                                       | 1  | 1 | Mm2 |
| .....aagcaccGgguaauaucag.....  | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucag.....  | 14   | 0 | Mm2 |
| .....aagcaccagguaauauAaggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucagA.....                                       | 1  | 1 | Mm2 |
| .....aagcaccagguaGuaucaggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucUggg.....                                      | 2  | 1 | Mm2 |
| .....aagcaccagguaauauUaggg.....                                      | 3  | 1 | Mm2 |
| .....aagcaccaggAuauaucaggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucCggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagguaauaCcaggg.....                                      | 1  | 1 | Mm2 |
| .....aaAcaccagguaauaucaggg.....                                      | 2  | 1 | Mm2 |
| .....aagcaccagguaauaucGgg.....                                       | 2  | 1 | Mm2 |
| .....aagcaccagguaauaucaggu.....                                      | 1  | 1 | Mm2 |
| .....aagcaccGgguaauaucaggg.....                                      | 4  | 1 | Mm2 |
| .....aagcaccagguaauauGaggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucaggg.....                                      | 348  | 0 | Mm2 |
| .....aagcaccagguaAaucaggg.....                                       | 2  | 1 | Mm2 |
| .....aagcacAagguuauaucaggg.....                                      | 1  | 1 | Mm2 |
| .....aaAcaccagguaauaucaggg.....                                      | 6  | 1 | Mm2 |
| .....aagcaccagguaGaucaggg.....                                       | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucagggC.....                                     | 302  | 1 | Mm2 |
| .....aagcaccaUguuauaucaggg.....                                      | 2  | 1 | Mm2 |
| .....aagcaccagguaauaucaAggu.....                                     | 1  | 1 | Mm2 |
| .....aagAaccagguaauaucaggg.....                                      | 5  | 1 | Mm2 |
| .....aagcaccagguaUaucaggg.....                                       | 4  | 1 | Mm2 |
| .....aagcaccagguaauAacaggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucUgggu.....                                     | 75   | 1 | Mm2 |
| .....aagcaccagguaauaucagAgu.....                                     | 2  | 1 | Mm2 |
| .....aagcaccagguaauauUaggg.....                                      | 52   | 1 | Mm2 |
| .....aagcaccagguaauaCcaggg.....                                      | 3  | 1 | Mm2 |
| .....aagcaccagguaGuaucaggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagguaCaucaggg.....                                       | 2  | 1 | Mm2 |
| .....aagcaccagguaCauaucaggg.....                                     | 4  | 1 | Mm2 |
| .....aagcaccagguaGauaucaggg.....                                     | 2  | 1 | Mm2 |
| .....Uagcaccagguaauaucaggg.....                                      | 16   | 1 | Mm2 |
| .....aagcaccagguaauaucagUgu.....                                     | 1  | 1 | Mm2 |
| .....aagcCccagguaauaucaggg.....                                      | 2  | 1 | Mm2 |
| .....aagcaccGgguaauaucaggg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccagAuuaauaucaggg.....                                     | 2  | 1 | Mm2 |
| .....aagcaccagguaauauGaggg.....                                      | 23   | 1 | Mm2 |
| .....aGgcaccagguaauaucaggg.....                                      | 7  | 1 | Mm2 |
| .....aagcaccaggAuauaucaggg.....                                      | 43   | 1 | Mm2 |
| .....aagcaccagguaauaucaggaAu.....                                    | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucGggg.....                                      | 78   | 1 | Mm2 |
| .....aagcaccGgguaauaucaggg.....                                      | 76   | 1 | Mm2 |
| .....aagcaccagguaauaucaggg.....                                      | 20898                                      | 0 | Mm2 |
| .....aagcaccagUuuauaucaggg.....                                      | 1  | 1 | Mm2 |
| .....Gagcaccagguaauaucaggg.....                                      | 2  | 1 | Mm2 |
| .....aagcaUcagguaauaucaggg.....                                      | 2  | 1 | Mm2 |
| .....aagcaccagguaauaucagCgu.....                                     | 1  | 1 | Mm2 |
| .....aagcaccagguaauaucaUgg.....                                      | 1  | 1 | Mm2 |
| .....aagcaccUgguaauaucaggg.....                                      | 4  | 1 | Mm2 |
| .....aagcGccagguaauaucaggg.....                                      | 2  | 1 | Mm2 |
| .....aagcaccagguaauUcaggg.....                                       | 3  | 1 | Mm2 |
| .....Nagcaccagguaauaucaggg.....                                      | 18   | 1 | Mm2 |

## Star

## Mature

|   |      |   |     |
|---|------|---|-----|
| cguaauaauaucgagcuuaaugccuuaacuugaacccugguaauaucuugugcuuuggcaguguuggaaccaagcaccaggguauauaucagggugcuugcaucgcauguacaaa |      |   |     |
| .....aagcaccaggGuauauaucaggg.....   | 22   | 1 | Mm2 |
| .....aagcaccaggguauauaucagggA.....  | 10   | 1 | Mm2 |
| .....aaUcaccaggguauauaucaggg.....   | 4    | 1 | Mm2 |
| .....aagcaGcaggguauauaucaggg.....   | 1    | 1 | Mm2 |
| .....aagcaccaggCuauauaucaggg.....   | 23   | 1 | Mm2 |
| .....aagcaccaggguauauaucagggCu.....   | 6    | 1 | Mm2 |
| .....aUgcaccaggguauauaucaggg.....   | 1    | 1 | Mm2 |
| .....aagcaccaggguauauaucCggg.....   | 80   | 1 | Mm2 |
| .....aagcaccaggguauauAaggg.....   | 82   | 1 | Mm2 |
| .....aagcaccaggguauauaucagggG.....  | 330  | 1 | Mm2 |
| .....aaCcaccaggguauauaucaggg.....   | 1    | 1 | Mm2 |
| .....aagcacGaggguauauaucaggg.....   | 1    | 1 | Mm2 |
| .....aagcaccagCuauauaucaggg.....  | 1    | 1 | Mm2 |
| .....aCgcaccaggguauauaucaggg.....   | 2    | 1 | Mm2 |
| .....aagcaNcaggguauauaucaggg.....   | 4    | 1 | Mm2 |
| .....aagcacNaggguauauaucaggg.....   | 2    | 1 | Mm2 |
| .....aagGaccaggguauauaucaggg.....   | 1    | 1 | Mm2 |
| .....aagcacUaggguauauaucaggg.....   | 12   | 1 | Mm2 |
| .....aagcaccaggguauGucaggg.....   | 3    | 1 | Mm2 |
| .....aagcaccaggguauauaucagggug.....   | 1    | 0 | Mm2 |
| .....aagcaccaggguauauaucagggA.....  | 178  | 1 | Mm2 |
| .....aagcaccaggguauauaucagggU.....  | 569  | 1 | Mm2 |
| .....agcaccaggguauauaucaggg.....  | 1    | 0 | Mm2 |
| .....agcaccaggguauauaucagggG.....   | 2    | 1 | Mm2 |
| .....agcaccCGuauauaucaggg.....  | 1    | 1 | Mm2 |
| .....agcaccaggAuaauaucaggg.....   | 1    | 1 | Mm2 |
| .....agcaccaggguauauaucCggg.....  | 1    | 1 | Mm2 |
| .....agcaccaggguauauaucaggg.....  | 67   | 0 | Mm2 |
| .....agcaccaggguauauaucagggC.....   | 1    | 1 | Mm2 |
| .....agcaccaggguauauaucagggC.....   | 1    | 1 | Mm2 |
| .....agcaccaggguauauaucagggU.....   | 1    | 1 | Mm2 |
| .....gcaccaggguauauaucaggg.....   | 1    | 0 | Mm2 |
| .....ccugguaauaucuugugugcu.....   | 5    | 0 | Fm1 |
| .....aagcaccaggguauaua.....   | 2    | 0 | Fm1 |
| .....aagcaccaggguauauaU.....  | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaag.....   | 2    | 0 | Fm1 |
| .....aagcGccaggguauauaag.....   | 1    | 1 | Fm1 |
| .....aagcaccCGguauauaag.....  | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaag.....   | 5    | 0 | Fm1 |
| .....aagcaccaggAuaauaucaggg.....  | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaCggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauauAaggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaucaggg.....   | 121  | 0 | Fm1 |
| .....aGcaccaggguauauaucaggg.....  | 4    | 1 | Fm1 |
| .....aaAcaccaggguauauaucaggg.....   | 3    | 1 | Fm1 |
| .....aaCcaccaggguauauaucaggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauauUaggg.....   | 22   | 1 | Fm1 |
| .....aagcaccaggguauauaucaggg.....   | 9116 | 0 | Fm1 |
| .....aagcaccCGguauauaucaggg.....  | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaucaggu.....   | 2    | 1 | Fm1 |
| .....aagcacAaggguauauaucaggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauGucaggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauauGaggg.....   | 10   | 1 | Fm1 |
| .....aagcaccaggguauUucaggg.....   | 2    | 1 | Fm1 |
| .....aaUcaccaggguauauaucaggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauauAaggg.....   | 39   | 1 | Fm1 |
| .....aagcaccaggguauaAcaggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguaAaucaggg.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaUgg.....  | 3    | 1 | Fm1 |
| .....aagcaccaggguauauaucagggG.....  | 175  | 1 | Fm1 |
| .....aagcaccaggGuauauaucaggg.....   | 7    | 1 | Fm1 |
| .....aagcaccaggguauauaucagguCu.....   | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaucaggu.....   | 2    | 1 | Fm1 |
| .....aagcaccaggguauauaucUggg.....   | 37   | 1 | Fm1 |
| .....Uagcaccaggguauauaucaggg.....   | 7    | 1 | Fm1 |
| .....aNgcaccaggguauauaucaggg.....   | 1    | 1 | Fm1 |
| .....Nagcaccaggguauauaucaggg.....   | 2    | 1 | Fm1 |
| .....aagcaGcaggguauauaucaggg.....   | 1    | 1 | Fm1 |
| .....aagcUccaggguauauaucaggg.....   | 2    | 1 | Fm1 |

## Star

## Mature

cguaauaaucgagcuuaaugccuuaacuugaacccugguaauaucuugugucuuuggcaguguuggaaccgaagcaccaggguauauaucaggguugcuugcaucgcauguacaaa

|                                     |      |   |     |
|-------------------------------------|------|---|-----|
| .....aagUaccaggguauauaucagggu.....  | 2    | 1 | Fm1 |
| .....aagcaccaggguauauaucagAgu.....  | 1    | 1 | Fm1 |
| .....aagcaccaggguuGuaucagggu.....   | 2    | 1 | Fm1 |
| .....aagcaccaggguauauaucaggguC..... | 115  | 1 | Fm1 |
| .....Gagcaccaggguauauaucagggu.....  | 4    | 1 | Fm1 |
| .....aagcaccGggguauauaucagggu.....  | 59   | 1 | Fm1 |
| .....aagcaccaggguuauaUCagggu.....   | 27   | 1 | Fm1 |
| .....aagcacUaggguauauaucagggu.....  | 6    | 1 | Fm1 |
| .....aagcaccaggguauauaucaggguA..... | 5    | 1 | Fm1 |
| .....aagcaccaggguauaCcagggu.....    | 1    | 1 | Fm1 |
| .....aagcaccaggguauauaCaAggu.....   | 3    | 1 | Fm1 |
| .....aagcaccagUuuauaucagggu.....    | 1    | 1 | Fm1 |
| .....aagcaccaggAuauaucagggu.....    | 13   | 1 | Fm1 |
| .....aagcaccaggguauauaucaggAu.....  | 2    | 1 | Fm1 |
| .....aagcaNcaggguauauaucagggu.....  | 2    | 1 | Fm1 |
| .....aagcaccaggguuauaUCagggu.....   | 37   | 1 | Fm1 |
| .....aagcaccaggCuauaucagggu.....    | 10   | 1 | Fm1 |
| .....aagcaccUggguauauaucagggu.....  | 2    | 1 | Fm1 |
| .....aagcaccaggguauaUCaggguA.....   | 97   | 1 | Fm1 |
| .....aagcaccaggguauaUCaggguU.....   | 589  | 1 | Fm1 |
| .....agcaccaggguauaUCagggu.....     | 2    | 0 | Fm1 |
| .....agcaccaggguAauaucagggu.....    | 1    | 1 | Fm1 |
| .....agcaccaggguauaUCagggu.....     | 28   | 0 | Fm1 |
| .....agcaccaggguauaUCaggguU.....    | 1    | 1 | Fm1 |
| .....aagcaccaggguuAaucagg.....      | 1    | 1 | Fm2 |
| .....aagcaccaggguauauaucagg.....    | 20   | 0 | Fm2 |
| .....aagcaccaggguauauaucaggg.....   | 48   | 0 | Fm2 |
| .....aagcaccGggguauauaucagggu.....  | 10   | 1 | Fm2 |
| .....aagcaccaggguuauaUCagggu.....   | 7    | 1 | Fm2 |
| .....aagcaccaggguuauaUCaggguG.....  | 47   | 1 | Fm2 |
| .....aagcaccaggguuauauGagggu.....   | 4    | 1 | Fm2 |
| .....aaUaccaggguauauaUCagggu.....   | 3    | 1 | Fm2 |
| .....aagcaccaggguuauauAagggu.....   | 8    | 1 | Fm2 |
| .....aagcaccaggAuauaucagggu.....    | 5    | 1 | Fm2 |
| .....aagcaccaggguuauaUCagggu.....   | 1    | 1 | Fm2 |
| .....aagcaUcaggguuauaUCagggu.....   | 1    | 1 | Fm2 |
| .....aagcaccaggCuauaUCagggu.....    | 5    | 1 | Fm2 |
| .....aagcaccaggguuGuaucagggu.....   | 2    | 1 | Fm2 |
| .....aagcaccaggguuauaUCagggu.....   | 10   | 1 | Fm2 |
| .....GagcaccaggguuauaUCagggu.....   | 1    | 1 | Fm2 |
| .....aagcaccaggguuauaUCagggu.....   | 9    | 1 | Fm2 |
| .....aagcaccaggguuAaucagggu.....    | 2    | 1 | Fm2 |
| .....aagcaccaggguuauaUCagAgu.....   | 1    | 1 | Fm2 |
| .....aagcacUaggguuauaUCagggu.....   | 1    | 1 | Fm2 |
| .....UagcaccaggguuauaUCagggu.....   | 1    | 1 | Fm2 |
| .....aagcaccaggguuauaUCagUgu.....   | 2    | 1 | Fm2 |
| .....aagAaccaggguuauaUCagggu.....   | 1    | 1 | Fm2 |
| .....aagcaccaggguuauaUCagggu.....   | 2526 | 0 | Fm2 |
| .....aGgcaccaggguuauaUCagggu.....   | 9    | 1 | Fm2 |
| .....aagcaccaggGuauaUCagggu.....    | 2    | 1 | Fm2 |
| .....aagcaccaggguuauaUCaggAu.....   | 1    | 1 | Fm2 |
| .....aagcaccaggguuauaUCaggguA.....  | 1    | 1 | Fm2 |
| .....aagcaccaggguuauaUCaggguC.....  | 27   | 1 | Fm2 |
| .....aagcaccaggguuauauUagggu.....   | 6    | 1 | Fm2 |
| .....aagcaccaggguuauaUCaggguA.....  | 37   | 1 | Fm2 |
| .....aagcaccaggguuauaUCaggguug..... | 1    | 0 | Fm2 |
| .....aagcaccaggguuauaUCaggguU.....  | 126  | 1 | Fm2 |
| .....ccugguaauaucuugugugcu.....     | 1    | 0 | Mm3 |
| .....ccugguaauaucuugugugcuu.....    | 1    | 0 | Mm3 |
| .....ccugguaauaucuugugugcuuug.....  | 2    | 0 | Mm3 |
| .....ccugguaauaucuugugugcuuugg..... | 13   | 0 | Mm3 |
| .....caagcaccaggguuauaUCagggu.....  | 1    | 0 | Mm3 |
| .....caagcaccaggguuauaUCagggu.....  | 1    | 0 | Mm3 |
| .....aagcaccaggguuauaUCag.....      | 3    | 0 | Mm3 |
| .....aagcaccaggguuauaUCagg.....     | 41   | 0 | Mm3 |
| .....aagcaccaggguuauaUCagg.....     | 1    | 1 | Mm3 |
| .....aagcaccaggguuauaUCagggu.....   | 205  | 0 | Mm3 |
| .....aagcGccaggguuauaUCagggu.....   | 1    | 1 | Mm3 |

## Star

## Mature

cguaauaaucgagcuuaaugccuuacuugaacccugguaauaucuugugucuuuggcaguguuggaaccaagcaccaggguauauaaccaggguuugcuugcaucgcauguacaaa

|                                      |      |   |     |
|--------------------------------------|------|---|-----|
| .....aagcaccaggCuaauaaccagggu.....   | 1    | 1 | Mm3 |
| .....aagcaccaggguauauaaccaggA.....   | 1    | 1 | Mm3 |
| .....aagcaccaggguauauaaccagggu.....  | 1    | 1 | Mm3 |
| .....aUgcaccaggguauauaaccagggu.....  | 1    | 1 | Mm3 |
| .....aagcaccaggguauauaaccagggu.....  | 18   | 1 | Mm3 |
| .....aagcacNaggguauauaaccagggu.....  | 1    | 1 | Mm3 |
| .....aagcaccaggguauauaaccagggu.....  | 15   | 1 | Mm3 |
| .....aagcaccaUguuauaaccagggu.....    | 1    | 1 | Mm3 |
| .....aagcaccaggguauauaaccagggu.....  | 14   | 1 | Mm3 |
| .....aCgcaccaggguauauaaccagggu.....  | 1    | 1 | Mm3 |
| .....aagcUccaggguauauaaccagggu.....  | 1    | 1 | Mm3 |
| .....aagcaccaggguauaUaccagggu.....   | 1    | 1 | Mm3 |
| .....aagcaccaggguCauaaccagggu.....   | 1    | 1 | Mm3 |
| .....Uagcaccaggguauaaccagggu.....    | 3    | 1 | Mm3 |
| .....aagcaccaggguauaUaccagggu.....   | 2    | 1 | Mm3 |
| .....aagcacGaggguauaaccagggu.....    | 1    | 1 | Mm3 |
| .....aagcaccaggguauaUaccagggu.....   | 4    | 1 | Mm3 |
| .....aagAaccaggguauaaccagggu.....    | 3    | 1 | Mm3 |
| .....aagcaccagUuuauaaccagggu.....    | 2    | 1 | Mm3 |
| .....aagcGccaggguauaaccagggu.....    | 1    | 1 | Mm3 |
| .....aagcaccaggguauaaccagggu.....    | 2    | 1 | Mm3 |
| .....aagcacUaggguauaaccagggu.....    | 2    | 1 | Mm3 |
| .....aagcaccUggguauaaccagggu.....    | 2    | 1 | Mm3 |
| .....aagcaccaggGuauaaccagggu.....    | 3    | 1 | Mm3 |
| .....aagcaccaggguauaUaccagggu.....   | 17   | 1 | Mm3 |
| .....aaUcaccaggguauaaccagggu.....    | 3    | 1 | Mm3 |
| .....aagcaccaggAuauaaccagggu.....    | 11   | 1 | Mm3 |
| .....aagcaccaggguauaaccaggguC.....   | 144  | 1 | Mm3 |
| .....aagcaccaggguauaaccaggguG.....   | 45   | 1 | Mm3 |
| .....aagcaccaggguuGuauaaccagggu..... | 3    | 1 | Mm3 |
| .....aagGaccaggguauaaccagggu.....    | 1    | 1 | Mm3 |
| .....aagcaccaggguCuaaccagggu.....    | 1    | 1 | Mm3 |
| .....aGgcaccaggguauaaccagggu.....    | 4    | 1 | Mm3 |
| .....aagcaccaggguauaaccaggCu.....    | 1    | 1 | Mm3 |
| .....aagcaccaggguauaaccaggguA.....   | 5    | 1 | Mm3 |
| .....aagcaccaggguauaaccagggu.....    | 16   | 1 | Mm3 |
| .....aagcaccaggguauaaccaggguC.....   | 23   | 1 | Mm3 |
| .....aagcaccagAuauaaccagggu.....     | 1    | 1 | Mm3 |
| .....Gagcaccaggguauaaccagggu.....    | 1    | 1 | Mm3 |
| .....aagcaUcaggguauaaccagggu.....    | 2    | 1 | Mm3 |
| .....aagcaccaggguauaaccaggUgu.....   | 3    | 1 | Mm3 |
| .....aagcaccaggCuaaccagggu.....      | 7    | 1 | Mm3 |
| .....aaAcaccaggguauaaccagggu.....    | 1    | 1 | Mm3 |
| .....aagcaccaggguauaaccaggUu.....    | 2    | 1 | Mm3 |
| .....aagcaccaggguauaAcagggu.....     | 1    | 1 | Mm3 |
| .....aagcaccaggguaaAaccagggu.....    | 1    | 1 | Mm3 |
| .....Nagcaccaggguauaaccagggu.....    | 1    | 1 | Mm3 |
| .....aagcaccaggguauaaccagggu.....    | 5061 | 0 | Mm3 |
| .....aagcaccaggguauaaccaggguA.....   | 54   | 1 | Mm3 |
| .....aagcaccaggguauaaccaggguU.....   | 157  | 1 | Mm3 |
| .....aagcaccaggguauaaccaggguUc.....  | 1    | 1 | Mm3 |
| .....agcaccaggGuauaaccagggu.....     | 1    | 1 | Mm3 |
| .....agcaccaggguauaaccaggguC.....    | 4    | 1 | Mm3 |
| .....agcaccaggguauaaccagggu.....     | 12   | 0 | Mm3 |
| .....agcaccaggguauaaccaggguA.....    | 1    | 1 | Mm3 |
| .....ccugguaauaucuugugugcu.....      | 6    | 0 | Fm3 |
| .....ccugguaauaucuugugugcuuug.....   | 1    | 0 | Fm3 |
| .....ccugguaauaucuugugugcuuuggA..... | 3    | 1 | Fm3 |
| .....caagcaccaggguauauca.....        | 1    | 0 | Fm3 |
| .....caagcaccaggguauaaccag.....      | 3    | 0 | Fm3 |
| .....caagcaccaggguauauaUagg.....     | 1    | 1 | Fm3 |
| .....caagcaccaggguauaaccagg.....     | 21   | 0 | Fm3 |
| .....caagcaccaggguauauGagggu.....    | 1    | 1 | Fm3 |
| .....caagcaccaggguauaaccagggu.....   | 34   | 0 | Fm3 |
| .....caagcaccaggguauauaUagggu.....   | 1    | 1 | Fm3 |
| .....caagcaccaggguauauGagggu.....    | 2    | 1 | Fm3 |
| .....caagcaccagAuauaaccagggu.....    | 1    | 1 | Fm3 |
| .....caagcaccaggguauaAcagggu.....    | 1    | 1 | Fm3 |
| .....caagcaccaggguauaCcagggu.....    | 1    | 1 | Fm3 |

## Star

## Mature

cguaauaaucgagcuuaaugccuacuugaacccugguaauaucuugugcuuuggcaguguuggaaccacagcaccaggguuaauaucaggguugcuugcaucgcauguacaaa

|                                      |       |   |     |
|--------------------------------------|-------|---|-----|
| .....caagcacUagguuaauaucagggu.....   | 1     | 1 | Fm3 |
| .....caagcaccaggguuaauUagggu.....    | 3     | 1 | Fm3 |
| .....caagcaccaggguuaauGcagggu.....   | 1     | 1 | Fm3 |
| .....caagcaccaggguuaaucaUgggu.....   | 1     | 1 | Fm3 |
| .....caagcaccaggguuaauaucagggu.....  | 423   | 0 | Fm3 |
| .....caagcaccaggguuaauaucaggguC..... | 14    | 1 | Fm3 |
| .....caagcaccagCuuaauaucagggu.....   | 2     | 1 | Fm3 |
| .....Uaagcaccaggguuaauaucagggu.....  | 1     | 1 | Fm3 |
| .....caagcaccagUuuauaucagggu.....    | 1     | 1 | Fm3 |
| .....caagcaccaggguuaauaucaggguU..... | 6     | 1 | Fm3 |
| .....aagcaccaggguuaauAa.....         | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauca.....         | 4     | 0 | Fm3 |
| .....aagcaccaggguuaauAag.....        | 2     | 1 | Fm3 |
| .....aagcaccaggguuaauaucag.....      | 136   | 0 | Fm3 |
| .....aagcaccaggAuauaucag.....        | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucagU.....     | 3     | 1 | Fm3 |
| .....aagcaccaggguuaauGagg.....       | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucagg.....     | 80    | 0 | Fm3 |
| .....aagcaccaggguuaCaucagg.....      | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauAagg.....       | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauUaggg.....      | 3     | 1 | Fm3 |
| .....Nagcaccaggguuaauaucaggg.....    | 1     | 1 | Fm3 |
| .....aagcaccaggCuauaucaggg.....      | 2     | 1 | Fm3 |
| .....Uagcaccaggguuaauaucaggg.....    | 2     | 1 | Fm3 |
| .....aagcaccaggguuaauaucUggg.....    | 1     | 1 | Fm3 |
| .....aagcaccagCuuaauaucaggg.....     | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucaggU.....    | 2     | 1 | Fm3 |
| .....aagcaccGggguuaauaucaggg.....    | 1     | 1 | Fm3 |
| .....aagcaccaggguuaaCcaggg.....      | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucCggg.....    | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucaggg.....    | 455   | 0 | Fm3 |
| .....aagcaccaggAuauaucaggg.....      | 2     | 1 | Fm3 |
| .....aagcaccaggguuaauGaggg.....      | 1     | 1 | Fm3 |
| .....aagAaccaggguuaauaucagggu.....   | 4     | 1 | Fm3 |
| .....aagcaccAguuaauaucagggu.....     | 1     | 1 | Fm3 |
| .....aagcaUcaggguuaauaucagggu.....   | 8     | 1 | Fm3 |
| .....aagcaccaggguuaauaucagggA.....   | 8     | 1 | Fm3 |
| .....aagcaccGggguuaauaucagggu.....   | 9     | 1 | Fm3 |
| .....Nagcaccaggguuaauaucagggu.....   | 12    | 1 | Fm3 |
| .....aCgcaccaggguuaauaucagggu.....   | 2     | 1 | Fm3 |
| .....aagcaccaggguuaauUagggu.....     | 32    | 1 | Fm3 |
| .....aagcaccaggguuaauaucagAgu.....   | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucagCgu.....   | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucagggu.....   | 13074 | 0 | Fm3 |
| .....aagcaccaggguuaUGcagggu.....     | 5     | 1 | Fm3 |
| .....aagcaccaggguuaAaucagggu.....    | 1     | 1 | Fm3 |
| .....aagcaccaggguuaauaucUgggu.....   | 43    | 1 | Fm3 |
| .....aagcaccaggguuaauaucaggAu.....   | 2     | 1 | Fm3 |
| .....aagcaccaggGuauaucagggu.....     | 18    | 1 | Fm3 |
| .....aaCcaccaggguuaauaucagggu.....   | 1     | 1 | Fm3 |
| .....aagcCcaccaggguuaauaucagggu..... | 1     | 1 | Fm3 |
| .....aaAcaccaggguuaauaucagggu.....   | 2     | 1 | Fm3 |
| .....aagcaccaggguuCuaucagggu.....    | 1     | 1 | Fm3 |
| .....aagcaccUguuaauaucagggu.....     | 3     | 1 | Fm3 |
| .....aGgcaccaggguuaauaucagggu.....   | 4     | 1 | Fm3 |
| .....aagcGccaggguuaauaucagggu.....   | 3     | 1 | Fm3 |
| .....aagcaccaggguuaauAacagggu.....   | 1     | 1 | Fm3 |
| .....Gagcaccaggguuaauaucagggu.....   | 2     | 1 | Fm3 |
| .....aagcaccaggguuGuauaucagggu.....  | 1     | 1 | Fm3 |
| .....aagcaccUggguuaauaucagggu.....   | 4     | 1 | Fm3 |
| .....aagcaccaggguuaauaucGgggu.....   | 43    | 1 | Fm3 |
| .....aagcaccaggAuauaucagggu.....     | 26    | 1 | Fm3 |
| .....aaUcaccaggguuaauaucagggu.....   | 1     | 1 | Fm3 |
| .....Uagcaccaggguuaauaucagggu.....   | 9     | 1 | Fm3 |
| .....aagcaccaggguuaauaucCgggu.....   | 48    | 1 | Fm3 |
| .....aagcaccaggguuauCucagggu.....    | 1     | 1 | Fm3 |
| .....aagcaccaggCuauaucagggu.....     | 13    | 1 | Fm3 |
| .....aagcacUaggguuaauaucagggu.....   | 6     | 1 | Fm3 |
| .....aagcaccaggguuaauGagggu.....     | 21    | 1 | Fm3 |
| .....aagcaccaggguuaCaucagggu.....    | 2     | 1 | Fm3 |

## Star

## Mature

|   |                          |     |   |     |
|---|--------------------------|-----|---|-----|
| cguuauaauucgagcuuaaugccuuacuugaacccugguauauucuuugugucuuuggcaguguuggaacc | aagcaccagAuuaauaucagggg  | 3   | 1 | Fm3 |
| .....   | aagcaccagguuauaucagUgu   | 5   | 1 | Fm3 |
| .....   | aagcaccagguuUuauaucagggg | 1   | 1 | Fm3 |
| .....   | aagcaccagguuauUucagggg   | 1   | 1 | Fm3 |
| .....   | aagcaccagguuauaucaUggg   | 6   | 1 | Fm3 |
| .....   | aagcaccagguuauuuAagggg   | 74  | 1 | Fm3 |
| .....   | aagcaccagguuauaucaAaggg  | 1   | 1 | Fm3 |
| .....   | aagcacNagguuauaucagggg   | 1   | 1 | Fm3 |
| .....   | aUgcaccagguuauaucagggg   | 1   | 1 | Fm3 |
| .....   | aagcacAagguuauaucagggg   | 5   | 1 | Fm3 |
| .....   | aagcaccagguuauaucaggUu   | 1   | 1 | Fm3 |
| .....   | aagcaccagguuauaucagggC   | 101 | 1 | Fm3 |
| .....   | aagcaccagguuauaucaggguU  | 382 | 1 | Fm3 |
| .....   | aagcaccagguuauaucaggguA  | 85  | 1 | Fm3 |
| .....   | agcaccagguuaAaucaggg     | 1   | 1 | Fm3 |
| .....   | agcaccagguuauaucaggg     | 1   | 0 | Fm3 |
| .....   | agcaccCgguuauaucagggg    | 1   | 1 | Fm3 |
| .....   | agcaccagguAauaucagggg    | 1   | 1 | Fm3 |
| .....   | agcaccagguuauaGcagggg    | 1   | 1 | Fm3 |
| .....   | agcaccagguuauaucaggggC   | 2   | 1 | Fm3 |
| .....   | agcaccaggCuauaucagggg    | 1   | 1 | Fm3 |
| .....   | agcaccaggGuauaucagggg    | 1   | 1 | Fm3 |
| .....   | agcaccaggAuauaucagggg    | 1   | 1 | Fm3 |
| .....   | agcaccagguuauaucaggUu    | 1   | 1 | Fm3 |
| .....   | agcaccagguuauaucagggg    | 72  | 0 | Fm3 |
| .....   | agcaccagguuauaAagggg     | 1   | 1 | Fm3 |
| .....   | agcaccagguuauaucaggggU   | 6   | 1 | Fm3 |