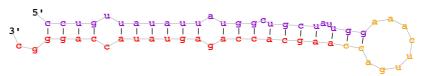
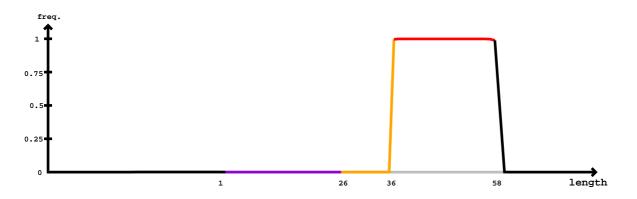
Provisional ID: NMRB01002279.1\_Notospermus\_geniculatus\_strain\_Ushimado\_scaffold2279,\_whole\_genome\_shotgun\_sequence\_37102

62177.5 Score total Score for star read(s) 3.9 62169.2 Score for read counts Score for mfe 1.4 Score for randfold 0 Score for cons. seed 3 Total read count 121954 121926 Mature read count Loop read count 0 Star read count 28





| Star | Mature |
|------|--------|
| olai | Mature |

| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauugg <mark>aaacuugaccaagcaccagaguauaccagggc</mark> agcacugggacacccacagc | exp   | •  |        |
|---|-------|----|--------|
| (((((((((((((((((((())))))  | reads | mm | sample |
| ugugcauccuaucuagug.   | 1     | 0  | Mm2    |
| ugugcauccuaucuagugG   | 3     | 1  | Mm2    |
| ugugcauccuaucuagugu   | 7     | 0  | Mm2    |
| gugcauccuaucuagugugugcauccuaucuagugu  | 1     | 0  | Mm2    |
| .ccuguuauauuauggcugcuauugg  | 7     | 0  | Mm2    |
| .ccuguuauauuauggcugcuauugga   | 3     | 0  | Mm2    |
| cuguuauauuauggcugcuauugga   | 1     | 0  | Mm2    |
| gaUcaageaccagaguauaccagggc  | 1     | 1  | Mm2    |
| caagcaccagaguauaccagg   | 1     | 0  | Mm2    |
| caagcacAagaguauaccagggc   | 1     | 1  | Mm2    |
| caagcaccagaguauaccagggc   | 26    | 0  | Mm2    |
| aageaccagaguauaccag   | 4     | 0  | Mm2    |
| aageaccagaguauaccagg  | 48    | 0  | Mm2    |
| aagcaccagUguauaccaggg   | 1     | 1  | Mm2    |
| aagcaccagaguauacUaggg   | 1     | 1  | Mm2    |
|   | 1     | 1  | Mm2    |
| aagcaccagaguauaccaggC   | 6     | 1  | Mm2    |
| aagcaccagaguauaccaUgg   | 1     | 1  | Mm2    |
| aageaccagaguauaccCggg   | 2     | 1  | Mm2    |
| aagcaccagaguauacAaggg   | 2     | 1  | Mm2    |
| aagcaccagaguauaccaggg   | 246   | 0  | Mm2    |
| aagcaccagaguaGaccagggc  | 4     | 1  | Mm2    |
| aageUccagaguauaccagggc  | 12    | 1  | Mm2    |
| aagcacNagaguauaccagggcaagcacNagaguauaccagggc  | 8     | 1  | Mm2    |
| aagcacAagaguauaccagggcaagcacAagaguauaccagggc  | 1     | 1  | Mm2    |
| aagcaccagaguauaccaggCc  | 3     | 1  | Mm2    |
| aagcaccagaguauacGagggc  | 105   | 1  | Mm2    |
| aagcaccagaguauaccaggUc  | 18    | 1  | Mm2    |
| aageaccagaAuauaccagggc  | 111   | 1  | Mm2    |
| aagcaccagaguauacUagggc  | 237   | 1  | Mm2    |
| aagcaccaAaguauaccagggc  | 9     | 1  | Mm2    |
| aagcaccagagGauaccagggc  | 4     | 1  | Mm2    |
| .aUgcaccagaguauaccagggc   | 4     | 1  | Mm2    |
|   |       |    |        |

| Star Mature   |                           |   |     |
|---|---------------------------|---|-----|
| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauuggaaacuugaccaagcaccagaguauacc | agggcagcacugggacacccacagc |   |     |
| aagcaccagagCauacc   | agggc 7                   | 1 | Mm2 |
| aagcaccUgaguauacc   | agggc 5                   | 1 | Mm2 |
| aagcaccagaguauaGc   | agggc 1                   | 1 | Mm2 |
| aagcaccagaguGuacc   | agggc 6                   | 1 | Mm2 |
| aagcaccagaguauaUc   |                           | 1 | Mm2 |
| aagcaccagaUuauacc   |                           | 1 | Mm2 |
|   |                           | 1 | Mm2 |
|   |                           | 1 | Mm2 |
|   |                           |   |     |
| aagcaUcagaguauacc   |                           | 1 | Mm2 |
| aagcaccCgaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   | agggU 103                 | 1 | Mm2 |
| aagcacGagaguauacc   | agggc 6                   | 1 | Mm2 |
| aagcaccagaguauacc   | Ugggc 222                 | 1 | Mm2 |
| aagcaccagaguauaAc   | agggc 3                   | 1 | Mm2 |
| aagcaccagaguauacc   | agggc 73220               | 0 | Mm2 |
| aagcaccagaguauacc   | Ngggc1                    | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
|   |                           | 1 | Mm2 |
|   |                           | 1 | Mm2 |
| aaCcaccagaguauacc   |                           |   |     |
| aagcaccagaguCuacc   |                           | 1 | Mm2 |
| aagcacUagaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
| aagcaccagUguauacc   | agggc 15                  | 1 | Mm2 |
| aagcaccagaguauacc   | Cgggc 206                 | 1 | Mm2 |
| aagcaccagaguauacc   | aCggc 5                   | 1 | Mm2 |
| aagcaccagagAauacc   | agggc 8                   | 1 | Mm2 |
| aagGaccagaguauacc   | agggc 2                   | 1 | Mm2 |
|   | agggc9                    | 1 | Mm2 |
| aagcaNcagaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
|   |                           | 1 | Mm2 |
| aagcaccagaguUuacc   |                           |   |     |
| aCgcaccagaguauacc   |                           | 1 | Mm2 |
| aGgcaccagaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacA   |                           | 1 | Mm2 |
| aagcaccaUaguauacc   | agggc 43                  | 1 | Mm2 |
| aagcaccagaguauacc   | agAgc 7                   | 1 | Mm2 |
| aaNcaccagaguauacc   | agggc 1                   | 1 | Mm2 |
| aagcaccagaguauGcc   | agggc 3                   | 1 | Mm2 |
| aagcaccagaguauacc   | agggG 14                  | 1 | Mm2 |
| aagcGccagaguauacc   | agggc 10                  | 1 | Mm2 |
| aagcaAcagaguauacc   | agggc 4                   | 1 | Mm2 |
| aaAcaccagaguauacc   | agggc 25                  | 1 | Mm2 |
| aagcaccagaguaCacc   |                           | 1 | Mm2 |
| aagAaccagaguauacc   |                           | 1 | Mm2 |
|   |                           | 1 |     |
| aagcaccagaguaAacc   |                           |   | Mm2 |
| aaUcaccagaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
|   |                           | 1 | Mm2 |
| aagcaccagaCuauacc   | agggc 79                  | 1 | Mm2 |
| aagcaccagaguauacc   | agUgc 14                  | 1 | Mm2 |
| aagcaccagaguauacc   | agCgc 3                   | 1 | Mm2 |
| aagcaccagCguauacc   | agggc 4                   | 1 | Mm2 |
| aagcaccagaguauUcc   | agggc 8                   | 1 | Mm2 |
| aagcaccagGguauacc   | agggc                     | 1 | Mm2 |
| aagcaccGgaguauacc   |                           | 1 | Mm2 |
| aagcCccagaguauacc   | ***                       | 1 | Mm2 |
|   |                           | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
|   |                           |   |     |
| aagcaccagaCuauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacA   |                           | 1 | Mm2 |
| aagcaccagaAuauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   | agggca 124                | 0 | Mm2 |
| aagcaccagaguauacc   | agggcC 8                  | 1 | Mm2 |
| aagcaccagaguauacc   | Ggggca 3                  | 1 | Mm2 |
| aagcaccagaguauacc   | agggcG 9                  | 1 | Mm2 |
| aagcaccagaguauacc   | Ugggca 1                  | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
| aagcaccagaguauacc   |                           | 1 | Mm2 |
|   |                           | _ |     |

| Star Mature  |                        |        |            |
|--|------------------------|--------|------------|
| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauuggaaacuugaccaagcaccagaguauaccagg | gcagcacugggacacccacagc |        |            |
| aagcaccagaguauaccagg   | gcaU 20                | 1      | Mm2        |
| aagcaccagaguauaccagg   | gcaA 6                 | 1      | Mm2        |
| aagcaccagaguauaccagg   | gcUg6                  | 1      | Mm2        |
| aagcaccagaguauaccagg   | gcCg 1                 | 1      | Mm2        |
| agcaccagaguauaccaAg  | gc 1                   | 1      | Mm2        |
| agcaccagaguauaccaCg  | gc 1                   | 1      | Mm2        |
| agcaccagCguauaccagg  | gc 2                   | 1      | Mm2        |
| agcaccagaguauacUagg  |                        | 1      | Mm2        |
| agcaccaAaguauaccagg  |                        | 1      | Mm2        |
| agcaccagagAauaccagg  |                        | 1      | Mm2        |
| agcaccagaguauaccagg  |                        | 0      | Mm2        |
|  |                        | 1      | Mm2        |
| agcaccagaguauaccCgg  |                        |        |            |
| agcaccagaguauaAcagg  |                        | 1      | Mm2        |
| agcaccagaguauaccagg  |                        | 0      | Mm2        |
| gcaccagaguauaccagg   |                        | 0      | Mm2        |
| accagaguauaccagg   | gc 3                   | 0      | Mm2        |
|  |                        |        |            |
| ugugcauccuaucuagAgu  | 1                      | 1      | Mm1        |
| ugugcauccuaucuagugu  |                        | 0      | Mm1        |
| gcuguuauauuauggcugcuauugg  | 9                      | 0      | Mm1        |
| aagcaccagaguauaccagg   |                        | 0      | Mm1        |
| aagcaccagaAuauaccagg   | 1                      | 1      | Mm1        |
| aagcaccagaguauaccGgg   | rg 2                   | 1      | Mm1        |
| aagcaccagaguauaccagg   |                        | 0      | Mm1        |
| aagcaccagaguauacGagg   | ıg 3                   | 1      | Mm1        |
| aagcaccagaguauaccCgg   |                        | 1      | Mm1        |
| aagcaccagaguauacUagg   |                        | 1      | Mm1        |
| aagcaccagaguauCccagg   |                        | 1      | Mm1        |
| aagcaccagaguauaccUgg   |                        | 1      | Mm1        |
|  |                        | 1      | Mm1        |
| aagcaccGgaguauaccagg   |                        | 1      |            |
| aagcaccagaguauaccGgg   |                        |        | Mm1        |
| aagAaccagaguauaccagg   |                        | 1      | Mm1        |
| aaCcaccagaguauaccagg   |                        | 1      | Mm1        |
| aagcaccagaguauaccaUg   |                        | 1      | Mm1        |
| aagcaccagaguauacGagg   |                        | 1      | Mm1        |
| aagcaccagaguauaccagA   | gc 1                   | 1      | Mm1        |
| aaUcaccagaguauaccagg   | gc 2                   | 1      | Mm1        |
| aagcaccagaguauacUagg   | gc 14                  | 1      | Mm1        |
| aagcGccagaguauaccagg   | gc1                    | 1      | Mm1        |
| aagcaccagagCauaccagg   | gc 1                   | 1      | Mm1        |
| aagcaccagaUuauaccagg   | gc 5                   | 1      | Mm1        |
| aagUaccagaguauaccagg   | gc 1                   | 1      | Mm1        |
| aGgcaccagaguauaccagg   | gc 1                   | 1      | Mm1        |
| aagcaccagaguauaccagg   |                        | 1      | Mm1        |
| aagcaccagaAuauaccagg   |                        | 1      | Mm1        |
|  |                        | 1      | Mm1        |
| aagcaccagaguauaccCgg   |                        | 1      | Mm1        |
| .aagcaccagaguauaccagg  |                        | 0      | Mm1        |
| aagcaccagaguauaccags   |                        | 1      | Mm1        |
| aaqCaccagaguauaccaga   |                        |        |            |
|  | •                      | 1<br>1 | Mm1<br>Mm1 |
| aagcaccaUaguauaccagg   |                        |        |            |
| aagcacAagaguauaccagg   |                        | 1      | Mm1        |
| aagcaccaAaguauaccagg   |                        | 1      | Mm1        |
| aagcaccagaCuauaccagg   |                        | 1      | Mm1        |
|  | gc 4                   | 1      | Mm1        |
| aagcaccagaguauaccUgg   | gc 10                  | 1      | Mm1        |
| aagcacUagaguauaccagg   | gc 1                   | 1      | Mm1        |
|  | gc 2                   | 1      | Mm1        |
| aagcaccagaguauaccagg   | gcU 18                 | 1      | Mm1        |
| aagcaccagaguauacUagg   | gca 1                  | 1      | Mm1        |
| aagcaccagaguauaccagg   | gAa 8                  | 1      | Mm1        |
| aagcaccagaguauaccagg   | gca 74                 | 0      | Mm1        |
| aagcaccagaguauaccagg   | gcaA 2                 | 1      | Mm1        |
| 5 3.5  |                        |        |            |
| ugugcauceuaucuagugG  | 2                      | 1      | Fm1        |
| ugugcauccuaucuagCgu  |                        | 1      | Fm1        |
| ugugcauccuaucuagugu  |                        | 0      | Fm1        |
| ugGgcauccuagugu  |                        | 1      | Fm1        |
| gugcauccuaucuagugugugcauccuaucuagugu   |                        | 0      | Fm1        |
| ccuguuauauuaggcug  |                        | 0      | Fm1        |
|  |                        | •      | rmı        |

| Star Mature  |         |   |     |
|--|---------|---|-----|
| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauuggaaacuugaccaagcaccagaguauaccagggcagcacugggacacccacagc |         |   |     |
| .ccuguuauauuauggcugcuauugg   | 2       | 0 | Fm1 |
| caagcaccagaguauaccagggc  | 1       | 0 | Fm1 |
| aagcaccagaguauaccagg   | 15      | 0 | Fm1 |
| aagcaccagaguauaccGggg  | 1       | 1 | Fm1 |
| aagcaccagaguauaccaggU  | 2       | 1 | Fm1 |
| aagcaccagaguauacAaggg  | 1       | 1 | Fm1 |
| aagcaccagaguauaccaggg  | 126     | 0 | Fm1 |
| aagcaccagaguauaccUggg  | 1       | 1 | Fm1 |
| aagcaccagaguGuaccagggcaagcaccagaguGuaccagggc   | 2       | 1 | Fm1 |
| aagcaccagaguauaccaUggcaagcaccagaguauaccaUggc   | 5       | 1 | Fm1 |
| aagcaccagaguaCaccagggcaagcaccagaguaCaccagggc   | 1       | 1 | Fm1 |
| aagcaccagaguauaccGgggc   | 59      | 1 | Fm1 |
| aagAaccagaguauaccagggc   | 4       | 1 | Fm1 |
| aaAcaccagaguauaccagggc   | 5       | 1 | Fm1 |
|  | 1       | 1 | Fm1 |
| aagcaccaUaguauaccagggc   | 11      | 1 | Fm1 |
| aagcacNagaguauaccagggc   | 1       | 1 | Fm1 |
| aCgcaccagaguauaccagggc   | 3       | 1 | Fm1 |
| aagcaccagaguauaccaggCc   | 2       | 1 | Fm1 |
| aagcGccagaguauaccagggc   | 1       | 1 | Fm1 |
| aagcUccagaguauaccagggc   | 3       | 1 | Fm1 |
| aagcaccagaguauUccagggc   | 1       | 1 | Fm1 |
| aagcaccagaUuauaccagggc   | 7       | 1 | Fm1 |
| aagcaccagaguauacUagggc   | 38      | 1 | Fm1 |
| aagcaccagaguauaccagAgc   | 2       | 1 | Fm1 |
| aagcaccagGguauaccagggc   | 5       | 1 | Fm1 |
| aagcaccagUguauaccagggc   | 6       | 1 | Fm1 |
| aagcaccagaguauaUcagggc   | 12      | 1 | Fm1 |
| aagcaccGgaguauaccagggc   | 5       | 1 | Fm1 |
| aagcaccagaguauaccagggA   | 4       | 1 | Fm1 |
| aagcaccagaguauacGagggc   | 11      | 1 | Fm1 |
| aagcaccagaguauacAagggc   | 67      | 1 | Fm1 |
| aagcaccagaguauaccagggU   | 28      | 1 | Fm1 |
| aUgcaccagaguauaccagggc   | 1       | 1 | Fm1 |
| aagcaccagaguauaccagCgc   | 1       | 1 | Fm1 |
| aagcCccagaguauaccagggcaagcCccagaguauaccagggc   | 1       | 1 | Fm1 |
| aagcaccagCguauaccagggc   | 2       | 1 | Fm1 |
| aagcaccagaguauaccCgggc   | 46      | 1 | Fm1 |
| aagcaccagaguauaccUgggcaagcaccagaguauaccUgggc   | 23      | 1 | Fm1 |
| aaCcaccagaguauaccagggc   | 3       | 1 | Fm1 |
| aagcacAagaguauaccagggc   | 2       | 1 | Fm1 |
| aagUaccagaguauaccagggc   | 4       | 1 | Fm1 |
| aagcaccagaguaAaccagggc   | 1       | 1 | Fm1 |
| aagcacUagaguauaccagggc   | 2       | 1 | Fm1 |
| aagGaccagaguauaccagggcaagGaccagaguauaccagggc   | 1       | 1 | Fm1 |
| Uagcaccagaguauaccagggc   | 10      | 1 | Fm1 |
| aagcaccagaguauaccaggUcaagcaccagaguauaccaggUc   | 6       | 1 | Fm1 |
| aagcaccagaguauaccagUgcaagcaccagaguauaccagUgc   | 2       | 1 | Fm1 |
| aggaccagaguauaccaggggc   | 5       | 1 | Fm1 |
| aagcaccagaCuauaccagggcaagcaccagaCuauaccagggc   | 11      | 1 | Fm1 |
| aagcaccCgaguauaccagggcaagcaccCgaguauaccagggc   | 1       | 1 | Fm1 |
| aagcaccagaguaGaccagggcaagcaccagaguaGaccagggc   | 2       | 1 | Fm1 |
| aagcaNcagaguauaccagggcaagcaNcagaguauaccagggc   | 2       | 1 | Fm1 |
|  | 4       | 1 | Fm1 |
|  | 3       | 1 | Fm1 |
| aagcaccagaguauaccagggGaagcaccagagAauaccagggcaagcaccagagAauaccagggc   | 2       | 1 | Fm1 |
|  | 15552   | 0 | Fm1 |
| aagcaccagaguauaccagggc   |         | 1 | Fm1 |
|  | 11<br>2 |   |     |
| aaUcaccagaguauaccagggcaaUcaccagaguauaccagggc   |         | 1 | Fm1 |
| aagcaccagagCauaccagggcaagcaccagagCauaccagggc   | 1       | 1 | Fm1 |
| aagcaccagaAuauaccagggc   | 30      | 1 | Fm1 |
| aagcaccagaguauaccagggca  | 93      | 0 | Fm1 |
| aagcaccagaguauaccagggAa  | 4       | 1 | Fm1 |
| aagcaccagaguauaccagggcU  | 237     | 1 | Fm1 |
| aagcaccagaguauaccagggcG  | 16      | 1 | Fm1 |
| aagcaccagaguauaccUgggca  | 1       | 1 | Fm1 |
| aagcaccagaguauaccCgggca  | 1       | 1 | Fm1 |
| aagcaccagaguauaccagggcC  | 1       | 1 | Fm1 |
| aagcaccagaguauaccagggcaA   | 1       | 1 | Fm1 |
| aagcaccagaguauaccagggcaU   | 29      | 1 | Fm1 |

| Star Mature  |      |   |       |
|--|------|---|-------|
| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauuggaaacuugaccaagcaccagaguauaccagggcagcacugggacacccacagc |      |   |       |
| .agcaccagaguauaccagggc.  | 18   | 0 | Fm1   |
| .agcaccagagCauaccagggc.  | 1    | 1 | Fm1   |
| .agcaccagagAauaccagggc.  | 1    | 1 | Fm1   |
| 5.5  |      |   |       |
| caagcaccagaguauaccagggc  | 4    | 0 | Fm2   |
|  |      |   |       |
| caagcaccagaguauaccCgggc  | 1    | 1 | Fm2   |
| aagcaccagaguauaccagg.  | 4    | 0 | Fm2   |
| aagcaccagaguauacUaggg.   | 1    | 1 | Fm2   |
| aagcaccagaguauaccaggg.   | 32   | 0 | Fm2   |
| aagcaccagaguauaccaggU  | 6    | 1 | Fm2   |
| aagcaccagaguauaccagUg  | 1    | 1 | Fm2   |
| aagcaccagaguauaccUggg  | 1    | 1 | Fm2   |
| aagcaccagaguauacUagggc.  | 20   | 1 | Fm2   |
| aagcaAcagaguauaccagggc.  | 1    | 1 | Fm2   |
| aagcUccagaguauaccagggc   | 1    | 1 | Fm2   |
|  | 3    | 1 | Fm2   |
|  | 2    | 1 | Fm2   |
| Uagcaccagaguauaccagggc   |      | 1 |       |
| aagcaccagGguauaccagggc   | 2    |   | Fm2   |
| aagcaccagaguauaccaAggc.  | 1    | 1 | Fm2   |
| aagcacGagaguauaccagggc.  | 1    | 1 | Fm2   |
| aagcaccagaguauacAagggcaagcaccagaguauacAagggc   | 28   | 1 | Fm2   |
| aagcaccagaguauaccaCggcaagcaccagaguauaccaCggc   | 1    | 1 | Fm2   |
| aagcaccagaguauaccagAgcaagcaccagaguauaccagAgc   | 1    | 1 | Fm2   |
| aagcaccUgaguauaccagggc   | 2    | 1 | Fm2   |
| aagcaccagaguauaGcagggc   | 1    | 1 | Fm2   |
| aagcaccagaguauaccagggA.  | 6    | 1 | Fm2   |
| aagcaccagaguauacGagggc   | 9    | 1 | Fm2   |
|  | 1    | 1 | Fm2   |
|  | 2    | 1 |       |
| aagcaNcagaguauaccagggc   |      |   | Fm2   |
| aagcaccagaguauaccagUgc.  | 3    | 1 | Fm2   |
| aagcacUagaguauaccagggc.  | 1    | 1 | Fm2   |
| aagcaccaUaguauaccagggcaagcaccaUaguauaccagggc   | 14   | 1 | Fm2   |
| aagcaccagaguauaAcagggcaagcaccagaguauaAcagggc   | 1    | 1 | Fm2   |
| aagcaccagaguauaccaUggc   | 1    | 1 | Fm2   |
| aagcaUcagaguauaccagggc   | 2    | 1 | Fm2   |
| aagcCccagaguauaccagggc   | 1    | 1 | Fm2   |
| aagcaccGgaguauaccagggc.  | 1    | 1 | Fm2   |
| aagcaccagaUuauaccagggc.  | 6    | 1 | Fm2   |
| aagcaccagaguauaccUgggc   | 22   | 1 | Fm2   |
| aagcaccagaguauaccagggU   | 14   | 1 | Fm2   |
|  |      |   |       |
| aagcaccagaguauacc0gggc.  | 24   | 1 | Fm2   |
| aagcaccagaguauaccagCgc.  | 1    | 1 | Fm2   |
| aagcaccagaguauacNagggc   | 1    | 1 | Fm2   |
| aUgcaccagaguauaccagggcaUgcaccagaguauaccagggc   | 3    | 1 | Fm2   |
| aagcGccagaguauaccagggc   | 1    | 1 | Fm2   |
| aagcaccagaAuauaccagggc   | 12   | 1 | Fm2   |
| aagcaccahaguauaccagggc   | 1    | 1 | Fm2   |
| aagcaccagaguauaccagggc.  | 6204 | 0 | Fm2   |
| aagcaccagaguauaccaggAc.  | 2    | 1 | Fm2   |
| aagcaccagaguauaccagggd.  | 2    | 1 | Fm2   |
| aagcaccagaguauaUcagggc.  | 1    | 1 | Fm2   |
| aagcaccagaCuauaccagggc   | 5    | 1 | Fm2   |
|  |      |   |       |
| aagcaccagaguaCaccagggc   | 8    | 1 | Fm2   |
| aagcacAagaguauaccagggc   | 1    | 1 | Fm2   |
| aaAcaccagaguauaccagggcaaAcaccagaguauaccagggc   | 2    | 1 | Fm2   |
| aaUcaccagaguauaccagggc   | 1    | 1 | Fm2   |
| aagcaccagaguauaccCgggcaagcaccagaguauaccCgggc   | 17   | 1 | Fm2   |
| aagcaccagaguauacUagggca  | 1    | 1 | Fm2   |
| aagcaccagaguauaccagggcU  | 24   | 1 | Fm2   |
| aagcaccagaguauaccagggca.   | 61   | 0 | Fm2   |
| aagcaccagaguauaccagggcaU   | 11   | 1 | Fm2   |
| agcaccagagCauaccagggc  | 1    | 1 | Fm2   |
| agcaccagaguauaccagggcagcaccagaguauaccagggc   | 15   | 0 | Fm2   |
| agcaccayaguauaccayggc  |      | v | FIIIZ |
|  | 4    | 0 | 36 3  |
| ugugcauccuaucuagugu  | 4    | 0 | Mm3   |
| gugcauccuaucuagugu   | 2    | 0 | Mm3   |
| ccuguuauauuauggcugcuauugg  | 2    | 0 | Mm.3  |
| ccuguuauauuauggcugcuauugga   | 1    | 0 | Mm3   |
| .cuguuauauuauggcugcuauugg  | 1    | 0 | Mm3   |
| caagcaccagaguauaccaggU   | 1    | 1 | Mm3   |

| Star Mature   |      |   |      |
|---|------|---|------|
| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauuggaaacuugaccaagcaccagaguauaccagggcagcaccugggacacccacagc |      |   |      |
| caagcaccagaguauaccaggg  | 1    | 0 | Mm3  |
| caagcaccagaguauaccagggc   | 2    | 0 | Mm3  |
| caagcaccagaguauaccagggcag.  | 1    | 0 | Mm3  |
| aagcaccagaguauaccag   | 1    | 0 | Mm3  |
|   |      |   |      |
| .aagcaccagaguauaccagg.  | 18   | 0 | Mm3  |
| aagcaccagaguauaccaggg.  | 128  | 0 | Mm3  |
| aagcaccagaguauaccaggC   | 1    | 1 | Mm3  |
| aagcaccagaguauaccaggA   | 1    | 1 | Mm3  |
| aagcaccagaguauaccaggU   | 3    | 1 | Mm3  |
| aagcaccagaCuauaccaggg   | 1    | 1 | Mm3  |
| .aagAaccagaguauaccaggg.   | 1    | 1 | Mm3  |
| aagcaccagaguauaccaggCc  | 2    | 1 | Mm3  |
| aagcacNagaguauaccagggc  | 3    | 1 | Mm3  |
|   |      |   |      |
| .aagcaccagaguauacUagggc.  | 21   | 1 | Mm3  |
| .aagcaccagaguuaccagggU.   | 17   | 1 | Mm3  |
| aagcaccagaguauaUcagggc  | 1    | 1 | Mm3  |
| aagcaccagaguauaccaggUc  | 5    | 1 | Mm3  |
| aagcaccagaCuauaccagggc  | 6    | 1 | Mm3  |
| aagcaccagCguauaccagggc  | 1    | 1 | Mm3  |
|   | 1    | 1 | Mm3  |
| .aagcaccagaguauaccUgggc   | 24   | 1 | Mm3  |
| aagcaccagaguauaccagggc  | 8173 | 0 | Mm3  |
|   | 2    | 1 | Mm3  |
| aagcaccUgaguauaccagggc  |      |   |      |
| .aGgcaccagaguauaccagggc   | 1    | 1 | Mm3  |
| .Uagcaccagaguauaccagggc.  | 8    | 1 | Mm3  |
| aagcaccagaUuauaccagggc  | 7    | 1 | Mm3  |
| aagcaccCgaguauaccagggc  | 1    | 1 | Mm3  |
| aagcacUagaguauaccagggc  | 2    | 1 | Mm3  |
| .Nagcaccagaguauaccagggc   | 5    | 1 | Mm3  |
| aagcaccagaguauGccagggc  | 1    | 1 | Mm3  |
|   | 1    | 1 | Mm3  |
| aagcaccagaguauaccCgggc  | 26   | 1 | Mm3  |
| .aagcaccagaguauaGcagggc   | 1    | 1 | Mm3  |
| .aagcaccagaguauacGagggc   | 15   | 1 | Mm3  |
| .aagcaccagaguauUccagggc   | 2    | 1 | Mm3  |
| aagcaccagaguauaccagggG  | 1    | 1 | Mm3  |
| aagcaccagaguGuaccagggc  | 1    | 1 | Mm3  |
| aagcaccagaguauaccaggAc  | 1    | 1 | Mm3  |
| aaUcaccagaguauaccagggc  | 3    | 1 | Mm3  |
|   | 1    | 1 | Mm3  |
|   | 1    | 1 | Mm3  |
| aagcaccagaguaAaccagggc  |      |   |      |
| aagcaccagaguauaccGgggc  | 26   | 1 | Mm3  |
| .aagcaccagaguauaccagAgc.  | 2    | 1 | Mm3  |
| aagcaccaUaguauaccagggc.   | 16   | 1 | Mm3  |
| aagcaccagaguaCaccagggc  | 1    | 1 | Mm3  |
| aCgcaccagaguauaccagggc  | 1    | 1 | Mm3  |
| .aagcaccagaguauaccagggA   | 2    | 1 | Mm3  |
| .aagcaccagaguauacAagggc   | 27   | 1 | Mm3  |
| aagcaccagaguauaccagUgc  | 2    | 1 | Mm3  |
| .aaAcaccagaguauaccagggc   | 1    | 1 | Mm3  |
| aagcaUcagaguauaccagggc  | 2    | 1 | Mm3  |
| aagcacGagaguauaccagggc  | 1    | 1 | Mm3  |
| aagcaccagaAuauaccagggc  | 16   | 1 | Mm3  |
| aagcaccagaguauaccaUggcaagcaccagaguauaccaUggc  | 1    | 1 | Mm3  |
|   | 2    | 1 |      |
| aagcaccagUguauaccagggc  |      |   | Mm3  |
| aagcaccagaguaGaccagggc  | 3    | 1 | Mm3  |
| .aUgcaccagaguauaccagggc.  | 3    | 1 | Mm3  |
| aagcaccagaguauaccagCgca.  | 1    | 1 | Mm3  |
| aagcaccagaguauaccagggAa   | 1    | 1 | Mm3  |
| aagcaccagaguauaccagggcG   | 2    | 1 | Mm3  |
| aagcaccagaguauaccagggcC   | 1    | 1 | Mm3  |
| aagcaccagaguauaccagggcU   | 96   | 1 | Mm3  |
| aagcaccagaguauaccagggca   | 25   | 0 | Mm3  |
| aagcaccaCaguauaccagggcag  | 1    | 1 | Mm3  |
| aagcaccagaguauaccagggcaU  | 4    | 1 | Mm3  |
| aagcaccagaguauaccagggcUg  | 5    | 1 | Mm3  |
| aagcaccagaguauaccagggcag  | 1    | 0 | Mm3  |
| aagcaccagaguauaccagggcaA  | 3    | 1 | Mm3  |
| aagcaccagaguauaccagggcagU   | 1    | 1 | Mm3  |
| agcaccagagCauaccagggc   | 1    | 1 | Mm.3 |
|   |      |   |      |

| Star Mature  |      |   |       |
|--|------|---|-------|
| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauuggaaacuugaccaagcaccagaguauaccagggcagcacugggacacccacagc |      |   |       |
| agcaccagaguauaccagggc  | 23   | 0 | Mm3   |
| gcaccagaguauaccaggg  | 1    | 0 | Mm3   |
| gcaccagaguauaccagggc   | 3    | 0 | Mm3   |
| caccagaguauaccagggca   | 1    | 0 | Mm3   |
| accagaguauaccagggc   | 2    | 0 | Mm3   |
| accayayududcayyyc  | 2    | U | Pallo |
|  |      | _ |       |
| ugugcauccuaucuagugu  | 40   | 0 | Fm3   |
| ugugcauccuaucuagAgu.   | 1    | 1 | Fm3   |
| ugugcauccuaucuaguCu  | 1    | 1 | Fm3   |
| gugcauccuaucuagugu   | 16   | 0 | Fm3   |
| aagcaccagaguauacca   | 3    | 0 | Fm3   |
| aagcaccagaguauaccag  | 13   | 0 | Fm3   |
| aagcaccagaguauaccUg  | 1    | 1 | Fm3   |
|  | 1    | 1 | Fm3   |
| .aagcaccagaAuauaccagg.   | 1    | 1 | Fm3   |
| .aagcaccagaguauaccagg.   | 75   | 0 | Fm3   |
| aagcaccagaguauaccaggg  | 225  | 0 | Fm3   |
| aagcaccagaguauaccUggg  | 1    | 1 | Fm3   |
| aagcaccagaguauaAcaggg  | 1    | 1 | Fm3   |
|  | 1    | 1 | Fm3   |
| aagcaccagaguauacUaggg  |      |   |       |
| aagcaccagaAuauaccaggg  | 1    | 1 | Fm3   |
| .aagcaccagaguauacAaggg   | 1    | 1 | Fm3   |
| aagcaccagaguauaccUgggc   | 31   | 1 | Fm3   |
| aagcaccagagCauaccagggc   | 5    | 1 | Fm3   |
| aagcaccagaguaGaccagggcaagcaccagaguaGaccagggc   | 1    | 1 | Fm3   |
| aagcaccagaguauaccagggAaagcaccagaguauaccagggA   | 14   | 1 | Fm3   |
| aagcacAagaguauaccagggcaagcacAagaguauaccagggc   | 1    | 1 | Fm3   |
|  | 4    | 1 | Fm3   |
| .aagcaccagaCuauaccagggc  | 7    | 1 | Fm3   |
|  | 2    | 1 | Fm3   |
| aagcaccagaguauacAagggc   | 43   | 1 | Fm3   |
| aagcaUcagaguauaccagggc   | 2    | 1 | Fm3   |
| aagcaccagaguGuaccagggcaagcaccagaguGuaccagggc   | 8    | 1 | Fm3   |
|  |      | 1 | Fm3   |
| aagcaccagaguauaccaCggc   | 1    |   |       |
| aagcaccagaguauaccaAggc   | 2    | 1 | Fm3   |
| .aagcaccagaguauacUagggc  | 34   | 1 | Fm3   |
| aagcaccagaguaAaccagggc   | 1    | 1 | Fm3   |
| .aagcaccagaguauaccagTgc  | 4    | 1 | Fm3   |
|  | 7    | 1 | Fm3   |
| aagcaccagGguauaccagggcaagcaccagGguauaccagggc   | 2    | 1 | Fm3   |
| aagcacGagaguauaccagggcaagcacGagaguauaccagggc   | 2    | 1 | Fm3   |
| aagcaccagaguauaccaUggcaagcaccagaguauaccaUggc   | 4    | 1 | Fm3   |
| aagcaccagaguauaAcagggcaagcaccagaguauaAcagggc   | 4    | 1 | Fm3   |
| aagcaccagaguauaccaggCc   | 1    | 1 | Fm3   |
| .aagcaccagaguUuaccagggc  | 1    | 1 | Fm3   |
| aagcGccagaguauaccagggc.  | 1    | 1 | Fm3   |
| aagcaccagaguauaUcagggc   | 8    | 1 | Fm3   |
| aagcaccagaguauaccagggc   | 8949 | 0 | Fm3   |
| aaUcaccagaguauaccagggc   | 2    | 1 | Fm3   |
| aagcaccagaguauaccagggU   | 22   | 1 | Fm3   |
|  | 1    | 1 | Fm3   |
| aagcaccUgaguauaccaggggc  |      |   |       |
|  | 1    | 1 | Fm3   |
| aagcaccagaguauaccGgggc   | 33   | 1 | Fm3   |
| .aagcaccagUguauaccagggc.   | 3    | 1 | Fm3   |
| aagcaccagaUuauaccagggc   | 8    | 1 | Fm3   |
| aagcaccGgaguauaccagggcaagcaccGgaguauaccagggc   | 2    | 1 | Fm3   |
| aaAcaccagaguauaccagggc   | 5    | 1 | Fm3   |
| aagcaccagaguauaccaggAcaagcaccagaguauaccaggAc   | 3    | 1 | Fm3   |
| aagcaccaUaguauaccagggcaagcaccaUaguauaccagggc   | 33   | 1 | Fm3   |
| aagcaccagaguauaccaggUc   | 2    | 1 | Fm3   |
| aagcaccagaguauacGagggc   | 13   | 1 | Fm3   |
| aagcacNagaguauaccagggc   | 2    | 1 | Fm3   |
| aUgcaccagaguauaccagggc   | 2    | 1 | Fm3   |
| aagcaccagaguauaccCgggcaagcaccagaguauaccCgggc   | 25   | 1 | Fm3   |
| aageUccagaguauaccagggcaageUccagaguauaccagggc   | 2    | 1 | Fm3   |
| aagcaccagagkauaccagggcaagcaccagagkauaccagggc   | 1    | 1 | Fm3   |
|  |      | 1 | Fm3   |
| aagAaccagaguauaccagggc   | 1    |   |       |
| aagcaccagaAuauaccagggc   | 12   | 1 | Fm3   |
| aagcaNcagaguauaccagggc   | 1    | 1 | Fm3   |
| aCgcaccagaguauaccagggc   | 2    | 1 | Fm3   |

| auaccuggaaucaaguugugcauccuaucuaguguccuguuauauuauggcugcuauuggaaaccuugaccaagcaccagaguauaccagggcagcacugggacacccacagcuggaaaccugggaaaccugggacacccacagcuggaaaccuggaaaccuggaaaccuggaaaccuggaaaccugggaaaccuggaaacaccuggaaaccuggaaacaccuggaaacaccuggaaaccuggaaacaccuggaaacaccuggaaacaccuggaaacaccuggaaacaccuggaaacaccuggaaacaccuggaaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaacaccuggaaccuggaaccuggaacaccuggaaccuggaacaccuggaacaccuggaaccuggaaccuggaaccuggaaccuggaac |    |   |     |
|--|----|---|-----|
| aagcaccaAaguauaccagggc   | 3  | 1 | Fm3 |
| aagcaccagaguauaccagggAa  | 20 | 1 | Fm3 |
| aagcaccagaguauaccagggcU  | 32 | 1 | Fm3 |
| aagcaccaUaguauaccagggca  | 8  | 1 | Fm3 |
| aagcaccagaguauaccagggca  | 35 | 0 | Fm3 |
| aagcaccagaguauaccagggcaU   | 6  | 1 | Fm3 |
| aagcaccagaguauaccagggcaA   | 1  | 1 | Fm3 |
| agcaccagagCauaccagggc  | 1  | 1 | Fm3 |
| ahcaccagaguauaccagggc  | 1  | 1 | Fm3 |
| agcaccagaguauaccagggc  | 52 | 0 | Fm3 |
| accagaguauaccagggc   | 2  | 0 | Fm3 |