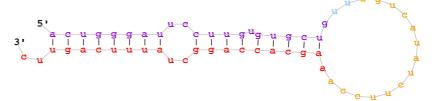
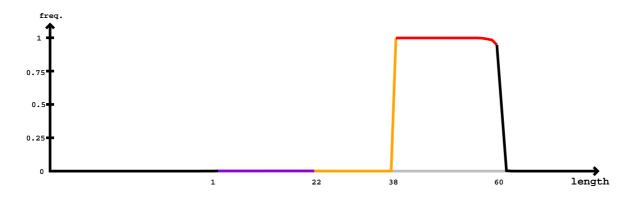
Provisional ID : NMRB01002279.1\_Notospermus\_geniculatus\_strain\_Ushimado\_scaffold2279,\_whole\_genome\_shotgun\_sequence\_37122

88862.4 Score total Score for star read(s) 3.9 88854 Score for read counts 1.5 Score for mfe Score for randfold 0 Score for cons. seed 3 Total read count 174295 174095 Mature read count Loop read count 0 Star read count 200



aagcaccaggcuauuucaguucucugguugggagaauuccac



| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugcuguu <mark>ugucauaucuuccaaagcaccaggcuauuucaguuc</mark> ucugguugggagaauuccac | exp   | •  |        |
|---|-------|----|--------|
| ((((((((.(((((((((((((((((((  | reads | mm | sample |
| .uggacugggauuccuugugugcu  | 7     | 0  | Mm3    |
| .uggacugggauuccuugugugcuU   | 1     | 1  | Mm3    |
| acugggauuccuugugug  | 3     | 0  | Mm.3   |
| acugggauuccuuguguguguu  | 2     | 0  | Mm.3   |
| acugggauuccuuguguguguu  | 8     | 0  | Mm.3   |
| acugggauuccuuguguguguguuu   | 8     | 0  | Mm.3   |
| acugggauuccuuguguguguug   | 3     | 0  | Mm3    |
| acugggauuccuuguguguguuguc   | 2     | 0  | Mm.3   |
| uguguguuguuauaucuucca   | 1     | 0  | Mm.3   |
| ugucauaucuuccaaagcaccaggcu  | 1     | 0  | Mm3    |
| ucauaucuuccaaagcaccaggc   | 2     | 0  | Mm3    |
| ucauaucuuccaaagcaccaggcu  | 4     | 0  | Mm.3   |
| ucauaucuuccaaagcaccaggcuauuucaguuc  | 1     | 0  | Mm3    |
| ucauaucuuccaaagcaccaggcuauuucaguucu   | 1     | 0  | Mm.3   |
| aaagcaccaggcuauuucaguu  | 2     | 0  | Mm3    |
| aaagcaccaggcuauuucaguuc   | 4     | 0  | Mm.3   |
| Caagcaccaggcuauuucaguuc   | 2     | 1  | Mm.3   |
| aagcaccaggcuauuuca  | 22    | 0  | Mm.3   |
| aagcaccaggcuauuucag   | 16    | 0  | Mm3    |
| .aagcaccaggcuauuucaA  | 1     | 1  | Mm3    |
| .aagcaccaggcuauuucagu   | 82    | 0  | Mm3    |
| .aagcaccaggUuauuucagu   | 1     | 1  | Mm3    |
| .aagcaccaggcuauuuAaguu  | 1     | 1  | Mm.3   |
| .aagcacUaggcuauuucaguu  | 1     | 1  | Mm.3   |
| .aagcaccaggcuauuucaguA  | 1     | 1  | Mm.3   |
| .aagcGccaggcuauuucaguu  | 1     | 1  | Mm3    |
| .aagcaccaggcuauuuUaguu  | 1     | 1  | Mm.3   |
|   | 1     | 1  | Mm3    |
| .aagcaccaggcuauuucaguu  | 354   | 0  | Mm3    |
| .aagcaccaggcuauuucUguu  | 4     | 1  | Mm3    |
| .aagcaccaggcuaAuucaguuc   | 1     | 1  | Mm3    |
| aagcaccaggcuauuucaguAc  | 2     | 1  | Mm3    |
| Hagaaggaggayyyygagyyg   | 3     | 1  | Mm 2   |

| Star Mature   |      |        |      |
|---|------|--------|------|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugcuguuugucauaucuuccaaagcaccaggcuauuucaguucucugguugggagaauucca |      |        |      |
| aagcaccaggcuauuucaguCc  | 2    | 1      | Mm3  |
| aagcaccaggcuGuuucaguucaagcaccaggcuGuuucaguuc  | 1    | 1      | Mm3  |
| aagcaNcaggcuauuucaguucaagcaNcaggcuauuucaguuc  | 1    | 1      | Mm3  |
| aagcaUcaggcuauuucaguuc  | 2    | 1      | Mm3  |
| aagcaccaggcuauuucUguuc  | 14   | 1      | Mm3  |
| aagcaccaggcuauuucaUuuc  | 2    | 1      | Mm3  |
| aagcaccaggcuauuuGaguuc  | 4    | 1      | Mm3  |
| aagcaAcaggcuauuucaguuc  | 1    | 1      | Mm3  |
| aagcaccaUgcuauuucaguuc  | 2    | 1      | Mm3  |
| aagcaccaggcuauuCcaguuc  | 1    | 1      | Mm3  |
| aaAcaccaggcuauuucaguuc  | 3    | 1      | Mm3  |
| aagcaccaggcuauuucagGuc  | 1    | 1      | Mm3  |
| aagcaccaggcuUuuucaguuc  | 2    | 1      | Mm3  |
| aagcaccaggcuauuucaguuc  | 5522 | 0      | Mm3  |
| Gagcaccaggcuauuucaguuc  | 1    | 1      | Mm3  |
| aagcaccaggcuauuuUaguuc  | 20   | 1      | Mm3  |
| aagcaccCggcuauuucaguuc  | 1    | 1      | Mm3  |
| aGgcaccaggcuauuucaguuc  | 1    | 1      | Mm3  |
| aagcaccaggAuauuucaguuc  | 6    | 1      | Mm3  |
| aagcaccaggcuauuucaguuU  | 36   | 1      | Mm3  |
| aagcaccUggcuauuucaguucaagcaccUggcuauuucaguuc  | 2    | 1      | Mm3  |
|   |      | 1      | Mm3  |
| aagcaccaggcuauuucaguuA  | 10   |        |      |
| aagcaccaggcuauuucGguuc  | 20   | 1      | Mm3  |
| aagcacUaggcuauuucaguuc  | 4    | 1      | Mm3  |
| aagcaccaggGuauuucaguuc  | 8    | 1      | Mm.3 |
| aagcaccGggcuauuucaguuc  | 1    | 1      | Mm3  |
| aaUcaccaggcuauuucaguuc  | 2    | 1      | Mm3  |
| aagcaccaggUuauuucaguuc  | 4    | 1      | Mm3  |
| aagcaccagAcuauuucaguucaagcaccagAcuauuucaguuc  | 2    | 1      | Mm3  |
| aCgcaccaggcuauuucaguuca   | 2    | 1      | Mm3  |
|   | 6    | 1      | Mm3  |
| aagcaccaggcuauuucCguuc  | 17   | 1      | Mm3  |
| aagcaccaggcuauuuAaguuc  | 25   | 1      | Mm3  |
| aagcaccaggcuauuucaguuUuaagcaccaggcuauuucaguuUu  | 2    | 1      | Mm3  |
| aagcaccaggcuauuuUaguucuaagcaccaggcuauuuUaguucu  | 1    | 1      | Mm3  |
| aagUaccaggcuauuucaguucuaagUaccaggcuauuucaguucu  | 1    | 1      | Mm3  |
| aagcaccaggcuauuuAaguucuaagcaccaggcuauuuAaguucu  | 1    | 1      | Mm3  |
| aagcaccaggcuauuuGaguucuaagcaccaggcuauuuGaguucu  | 1    | 1      | Mm3  |
| aagcaccaggGuauuucaguucuaagcaccaggGuauuucaguucu  | 1    | 1      | Mm3  |
| aagcaccaggcuauuucaguucA   | 237  | 1      | Mm3  |
| aagcaccaggcuauuucaguuku   | 1    | 1      | Mm3  |
| aaCcaccaggcuauuucaguucu   | 1    | 1      | Mm3  |
| aagcaNcaggguauuucaguucu   | 1    | 1      | Mm3  |
| aagcaccaggcuauuucaguucu   | 444  | 0      | Mm3  |
| aagcaccaggcuauuucaguucG   | 1    | 1      | Mm3  |
| aagcaccaggcuauuucGguucu   | 2    | 1      | Mm3  |
| aagcacUaggcuauuucaguucu   | 1    | 1      | Mm3  |
| aagcaccaggcuauuucCguucu   | 1    | 1      | Mm3  |
| aagcaccaggcuauuucUguucu   | 1    | 1      | Mm3  |
| aagcaccaggcuauuucaguucC   | 5    | 1      | Mm3  |
| aagcaccaggcuauuucaguucuA  | 2    | 1      | Mm3  |
| aagcaccaggcuauuucaguucuU  | 23   | 1      | Mm3  |
| aagcaccaggcuauuucaguucuUu   | 5    | 1      | Mm3  |
| agcaccaggcuauuucaguu  | 1    | 0      | Mm3  |
| agcaccaggcuauuucaguuc   | 5    | 0      | Mm3  |
| agcaccaggcuauuucaguucu  | 1    | 0      | Mm3  |
| gcaccaggcuauuucaguuc  | 1    | 0      | Mm3  |
| 9-00-0039-00-00-00-00-00-00-00-00-00-00-00-00-00  | -    | ŭ      |      |
| agcugcugaaccuauccagugg  | 1    | 0      | Fm3  |
|   | 1    | 1      | Fm3  |
| uggacugggUuuccuugugugcuuggacugggauuccuugugugcu  | 30   | 0      | Fm3  |
|   |      | 1      | Fm3  |
| acugggauuccuugugAgcug   | 1    |        |      |
| acugggauuccuugugugcug   | 98   | 0<br>1 | Fm3  |
| acugggauuccuuguguUcug   | 2    |        | Fm3  |
| acugggauuccuugugCgcug   | 1    | 1      | Fm3  |
| acugggauuccuugugugcugu  | 9    | 0      | Fm3  |
| acugggauuccuugugugcuguu   | 9    | 0      | Fm3  |
| acugggauuccuugugugcuguuu  | 1    | 0      | Fm3  |
| acugggauuccuugugugcuguuug   | 4    | 0      | Fm3  |
| aaagcaccaggcuauuucag  | 2    | 0      | Fm3  |

| Star Mature  |        |        |            |
|--|--------|--------|------------|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugcuguuugucauaucuuccaaagcaccaggcuauuucaguucucugguugggagaauuccac |        |        |            |
| aaagcaccaggcuauuucaguuc  | 1      | 0      | Fm3        |
| aagcaccaggcuauuucU   | 2      | 1      | Fm3        |
| .aagcaccaggcuauuuca  | 30     | 0      | Fm3        |
| .aagcaccaggAuauuucag   | 1      | 1      | Fm3        |
| aagcaccGggcuauuucag  | 1      | 1      | Fm3        |
| .aagcaccaggcuauuucGg   | 3      | 1      | Fm3        |
| .aagcacAaggcuauuucag   | 1      | 1      | Fm3        |
| aagcaccaggcuauuuUag  | 3      | 1      | Fm3        |
| aagcaccaggcuauuucUg  | 1      | 1      | Fm3        |
| aagcaccaggcuauuuAag  | 4      | 1      | Fm3        |
| aagcaccaggcuauuucag  | 678    | 0      | Fm3        |
| aagcaccaggcuauuucaA  | 3      | 1      | Fm3        |
| aagcaccaggcuauuucUgu   | 1      | 1      | Fm3        |
| aagcaccaggcuauuucGgu   | 1      | 1<br>0 | Fm3        |
| aagcaccaggcuauuucagu   | 141    | 1      | Fm3<br>Fm3 |
| aagcaccaggcuauuucagA   | 1<br>1 | 1      | Fm3        |
| aagcaccaggcuaCuucagu   | 1      | 1      | Fm3        |
| aagcaccaggcuauuucGguu  | 401    | 0      | Fm3        |
| aagcaccaggcuauuucaguu  |        | 1      | Fm3        |
| .aagcaccaggAuauuucaguu   | 1<br>2 | 1      | Fm3        |
| aagcaccaggcuauuucoguuaagcaccaggcuauuucoguu   | 1      | 1      | Fm3        |
| aagcaccaggcuauuucaguA  | 2      | 1      | Fm3        |
| aagcaccaggcuauuucCguu  | 1      | 1      | Fm3        |
| aagcaccaggcuauuuAaguu  | 1      | 1      | Fm3        |
|  | 1      | 1      | Fm3        |
| aagcaccaggcuauuuUaguu  | 4      | 1      | Fm3        |
| aagcaccaggcuauuuGaguu  | 2      | 1      | Fm3        |
| aagcUccaggcuauuucaguuc   | 1      | 1      | Fm3        |
| aaUcaccaggcuauuucaguuc   | 2      | 1      | Fm3        |
|  | 1      | 1      | Fm3        |
| aagcaUcaggcuauuucaguuc   | 2      | 1      | Fm3        |
| aagcaccaUgcuauuucaguuc   | 1      | 1      | Fm3        |
| aagcaccaggcuauuuUaguuc   | 6      | 1      | Fm3        |
| aagcaccaggGuauuucaguuc   | 5      | 1      | Fm3        |
|  | 2      | 1      | Fm3        |
| .aagcaccaggcuauuuAaguuc  | 8      | 1      | Fm3        |
| .aagcaccaggcuauuucUguuc  | 6      | 1      | Fm3        |
| .aagcaccaggcuauuCcaguuc  | 1      | 1      | Fm3        |
| .aagcaccaggcuauuucCguuc  | 4      | 1      | Fm3        |
| .aagcaccaggcuauuucaguuA  | 7      | 1      | Fm3        |
| .aagcaccaggcuauCucaguuc  | 3      | 1      | Fm3        |
| .aagcaccaggAuauuucaguuc  | 5      | 1      | Fm3        |
| .aagcaccaggcuaAuucaguuc  | 1      | 1      | Fm3        |
| .Nagcaccaggcuauuucaguuc  | 1      | 1      | Fm3        |
| .aagcaccaggcuauuucGguuc  | 6      | 1      | Fm3        |
| .aagGaccaggcuauuucaguuc  | 1      | 1      | Fm3        |
| aagcaccaggcuauuucaguuU   | 20     | 1      | Fm3        |
| .aGgcaccaggcuauuucaguuc  | 1      | 1      | Fm3        |
| aagcaccaggUuauuucaguuc   | 7      | 1      | Fm3        |
| .aagcaccaggcuauuucaguuc  | 2549   | 0      | Fm3        |
| .aagcaccaggcuauuuGaguuc  | 3      | 1      | Fm3        |
| .aagcaccaggcuUuuucaguuc  | 1      | 1      | Fm3        |
| .aagcacUagguauuucaguuc   | 1      | 1      | Fm3        |
| .aagcaccaggcuauuucaguAc  | 2      | 1      | Fm3        |
| .aagcaccaggcuauuucaguuG  | 1      | 1      | Fm3        |
| .aagcaccaggcuauuucaguucC   | 7      | 1      | Fm3        |
| .aagcaccaggcuauuucaguucA   | 119    | 1      | Fm3        |
| .aagcaccaggcuauuucaguuUu   | 1      | 1      | Fm3        |
| .aagcaccaggcuauCucaguucu   | 1      | 1      | Fm3        |
| aagcaccaggcuauuucaguucu  | 167    | 0      | Fm3        |
| aaAcaccaggcuauuucaguucu  | 1      | 1      | Fm3        |
| aagcaccaggcuauuucaguucuA   | 1      | 1      | Fm3        |
| aagcaccaggcuauuucaguucuU   | 1      | 1      | Fm3        |
| agcaccaggcuauuucaguu   | 1      | 0      | Fm3        |
| agcaccaggcuauuucaguuc  | 8      | 0      | Fm3        |
| agcaccaggcuauuucaguucu   | 1      | 0      | Fm3        |
|  | 1      | -      |            |
| uggacugggaAuccuugugugcu  | 1      | 1      | Mm1        |
| uggacugggauuccuugugcu  | 12     | 0      | Mm1        |

| Star Mature   |     |   |     |
|---|-----|---|-----|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugug |     |   |     |
| uggacugggauuccuugGgugcu                               | 1   | 1 | Mm1 |
| uggacugggauuccuugCgugcu                               | 1   | 1 | Mm1 |
| uggacugggauuccuugugugcuU                              | 6   | 1 | Mm1 |
| acugggauuccuuguguCcuguuu                              | 1   | 1 | Mm1 |
| acugggauuccuugugukcuguuu                              | 1   | 1 | Mm1 |
|   |     |   |     |
| acugggauuccuugugugcuguuu.                             | 15  | 0 | Mm1 |
| acugggauuccuugugugcuguuug.                            | 10  | 0 | Mm1 |
| acugggauuccuugugugugcuguuugucauaucuucc                | 1   | 0 | Mm1 |
| ucauaucuuccaaagcaUcaggcu                              | 1   | 1 | Mm1 |
| ucauaucuuccaaagcaccaggcu                              | 4   | 0 | Mm1 |
| uccaaagcaccaggcuauuucaguucuc                          | 5   | 0 | Mm1 |
| aaagcaccaggcuauuucaguuc                               | 10  | 0 | Mm1 |
| .aagcaccaggcuCuuuca                                   | 1   | 1 | Mm1 |
| .aagcaccaggcuauuuca.                                  | 69  | 0 | Mm1 |
| aagcaccaggcuauuucU                                    | 6   | 1 | Mm1 |
|   |     |   |     |
| .aagcaccaggcuauuucag.                                 | 32  | 0 | Mm1 |
| .aagcCccaggcuauuucag.                                 | 1   | 1 | Mm1 |
| .aagcaccaggcuauuucaU                                  | 1   | 1 | Mm1 |
| aagcaccaggcuauuucUgu                                  | 1   | 1 | Mm1 |
| aagcaccaggcuauuuGagu                                  | 2   | 1 | Mm1 |
| aagcaccaggcuauuuAagu                                  | 2   | 1 | Mm1 |
| .aagcaccaggcuauuucagu                                 | 154 | 0 | Mm1 |
| .Nagcaccaggcuauuucaguu.                               | 1   | 1 | Mm1 |
| .aagcaccaggcuauuuUaguu.                               | 3   | 1 | Mm1 |
| aagAaccaggcuauuucaguu                                 | 1   | 1 | Mm1 |
| .aagcaccaggcuauuuAaguu.                               | 3   | 1 | Mm1 |
|   |     |   |     |
| aagcaccaggGuauuucaguu                                 | 1   | 1 | Mm1 |
| .aagcaccaggcuauuucaguA                                | 7   | 1 | Mm1 |
| .aagcaccaggcuauuucaguu                                | 722 | 0 | Mm1 |
| aagcaccaggUuauuucaguu                                 | 2   | 1 | Mm1 |
| .aagcaccaggcuauuucUguu                                | 2   | 1 | Mm1 |
| aagcaccaggcuauuucCguu                                 | 7   | 1 | Mm1 |
|   | 2   | 1 | Mm1 |
| .aagcaccaggcuauuucaguG.                               | 1   | 1 | Mm1 |
| .aagcaccaggcuaAuucaguu.                               | 1   | 1 | Mm1 |
| aagcaccaggcuaCuucaguu                                 | 1   | 1 | Mm1 |
| aagcaccaggcuauuuGaguu                                 | 1   | 1 | Mm1 |
|   | 1   | 1 | Mm1 |
| aagcaccaggAuauuucaguu                                 |     |   |     |
| .aagcaccaggcuauuucUguuc                               | 27  | 1 | Mm1 |
| .aaCcaccaggcuauuucaguuc.                              | 1   | 1 | Mm1 |
| .Nagcaccaggcuauuucaguuc                               | 9   | 1 | Mm1 |
| .aagAaccaggcuauuucaguuc                               | 2   | 1 | Mm1 |
| aagcaccUggcuauuucaguuc                                | 1   | 1 | Mm1 |
| .aagcaccaggcuaCuucaguuc                               | 1   | 1 | Mm1 |
| aagcaccaggcuauAucaguuc                                | 1   | 1 | Mm1 |
| .aagcaccagCcuauuucaguuc                               | 1   | 1 | Mm1 |
| .aagcaccGggcuauuucaguuc                               | 2   | 1 | Mm1 |
| aagcaccaggcuaGuucaguuc                                | 1   | 1 | Mm1 |
| aagcaccaggcuauuuGaguuc                                | 15  | 1 | Mm1 |
|   |     | 1 |     |
| aagcaccaggcuaAuucaguuc                                | 3   |   | Mm1 |
| .aaUcaccaggcuauuucaguuc                               | 3   | 1 | Mm1 |
| .aagcacUaggcuauuucaguuc.                              | 2   | 1 | Mm1 |
| aagcaccaggcuauuucaguuG                                | 1   | 1 | Mm1 |
| aagcaccaggcuauuCcaguuc                                | 1   | 1 | Mm1 |
| .aagcaccaggcuauuuAaguuc                               | 29  | 1 | Mm1 |
| aagcaccaggcuauCucaguuc                                | 2   | 1 | Mm1 |
| .aagcaccaggcGauuucaguuc                               | 1   | 1 | Mm1 |
| .aagcaccaggUuauuucaguuc                               | 5   | 1 | Mm1 |
| aagcaccaggAuauuucaguuc                                | 9   | 1 | Mm1 |
| aagcaccaggcuauuucCguucaagcaccaggcuauuucCguuc          | 20  | 1 | Mm1 |
|   |     | 1 | Mm1 |
| aagcCccaggcuauuucaguuc                                | 1   |   |     |
| aagcaccaggcuauGucaguuc                                | 1   | 1 | Mm1 |
|   | 1   | 1 | Mm1 |
| aaAcaccaggcuauuucaguuc                                | 1   | 1 | Mm1 |
| .aagcaccaggcuauuucGguuc                               | 19  | 1 | Mm1 |
| aagcaccaggcCauuucaguuc                                | 1   | 1 | Mm1 |
| .aagcaccaggcuauuucaUuuc                               | 2   | 1 | Mm1 |
| .aGgcaccaggcuauuucaguuc                               | 2   | 1 | Mm1 |
| aagcaccaggcuauuuUaguuc                                | 20  | 1 | Mm1 |
| .aagcaccaggGuauuucaguuc                               | 6   | 1 | Mm1 |
|   |     |   |     |

| DCa1 Macute   |      |     |      |
|---|------|-----|------|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugug |      | _   |      |
| .aagcaccaggcuauuucaguAc.                              | 2    | 1   | Mm1  |
| .aagcacAaggcuauuucaguuc.                              | 1    | 1   | Mm1  |
| aagcaccaggcuauuucaguuc                                | 7960 | 0   | Mm1  |
| .aUgcaccaggcuauuucaguuc                               | 2    | 1   | Mm1  |
|   | 7    | 1   | Mm1  |
| .aagcaccaggcuauuucaguuU                               | 19   | 1   | Mm1  |
| .aagcGccaggcuauuucaguuc                               | 2    | 1   | Mm1  |
| aagGaccaggcuauuucaguuc                                | 2    | 1   | Mm1  |
| aagcaNcaggcuauuucaguuc                                | 2    | 1   | Mm1  |
|   | 2    | 1   | Mm1  |
| aagcaccagUcuauuucaguuc                                |      |     |      |
| .aagcaccaggcuauuucGguucu.                             | 1    | 1   | Mm1  |
|   | 1    | 1   | Mm1  |
| aagcaccaggAuauuucaguucu                               | 1    | 1   | Mm1  |
| .aagcaccaggUuauuucaguucu                              | 1    | 1   | Mm1  |
| aagcaccaggcuauuuGaguucu                               | 2    | 1   | Mm1  |
| .aagcaccaggcuauuucUguucu                              | 1    | 1   | Mm1  |
| .aagcaccaggcuauuuUaguucu.                             | 1    | 1   | Mm1  |
| aGgcaccaggcuauuucaguucu                               | 1    | 1   | Mm1  |
| aagcaccaggcuauuucaguucu                               | 394  | 0   | Mm1  |
|   |      | 1   | Mm1  |
| aagcaccaggcuauuucaguucC                               | 34   |     |      |
| .Nagcaccaggcuauuucaguucu.                             | 1    | 1   | Mm1  |
| aagcaccaggcuauuucaguucG                               | 10   | 1   | Mm1  |
| aagcaccaggcuauuucaguucA                               | 455  | 1   | Mm1  |
| .aagcaccaggcuauuuAaguucu                              | 1    | 1   | Mm1  |
| aagcaccaggcuauuucaguucuU                              | 9    | 1   | Mm1  |
| .aagcaccaggcuauuucaguucAc                             | 2    | 1   | Mm1  |
| .aagcaccaggcuauuucaguucuUu                            | 1    | 1   | Mm1  |
| agcaccaggcuauuucaguu.                                 | 7    | 0   | Mm1  |
| agcaccaggcuauuucaguuc                                 | 11   | 0   | Mm1  |
|   |      | · · |      |
|   | 1    | •   | 35 0 |
| uggacugggauuccuugugugc                                | 1    | 0   | Mm2  |
| uggacugggauuccuugugugcu.                              | 4    | 0   | Mm2  |
| uggacugggauuccuugugugcG                               | 1    | 1   | Mm2  |
| acugggauuccuugugugcug                                 | 3    | 0   | Mm2  |
| .acugggauuccuugugugcuguu                              | 5    | 0   | Mm2  |
| acugggauuccuugugukcuguuu                              | 1    | 1   | Mm2  |
| acugggauuccuugugugcuguuu                              | 1    | 0   | Mm2  |
| .acugggauuccuugugugcuguuug.                           | 3    | 0   | Mm2  |
| acugggauuccuugugugcuguuugA                            | 2    | 1   | Mm2  |
| acugggauuccuugugugcuguuugucau                         | 1    | 0   | Mm2  |
|   | 1    | 0   | Mm2  |
| acugggauuccuugugugugcuguuugucauaucuucca               |      |     |      |
| cuugugugcuguuugucauaucuucca                           | 1    | 0   | Mm2  |
| ucauaucuuccaaagcaccaggc                               | 4    | 0   | Mm2  |
| ucauaucuuccaaagcaccaggcu                              | 6    | 0   | Mm2  |
| ucauaucuuccaaagcaccaggcuauuucaguucu                   | 1    | 0   | Mm2  |
| ucauaucuuccaaagcaccaggcuauuucGguucu                   | 1    | 1   | Mm2  |
| aaagcaccaggcuauuuc                                    | 1    | 0   | Mm2  |
| aaagcaccaggcuauuucagu                                 | 1    | 0   | Mm2  |
| aaagcaccaggcuauuucaguu                                | 2    | 0   | Mm2  |
| aaagcaccaggcuauuucaguuc                               | 50   | 0   | Mm2  |
| aaagcaccagAcuauuucaguuc                               | 1    | 1   | Mm2  |
| aaagcaccaggcuauuucaguuU                               | 2    | 1   | Mm2  |
|   |      |     |      |
|   | 12   | 1   | Mm2  |
| aaagcaccaggcuauuucaguucu.                             | 10   | 0   | Mm2  |
| aagcaccaggcuauuucG                                    | 1    | 1   | Mm2  |
| aagcaccaggcuauuuUa                                    | 2    | 1   | Mm2  |
| aagcaccaggcuauuucU                                    | 2    | 1   | Mm2  |
| aagcaccaggcuauuuca                                    | 47   | 0   | Mm2  |
| aagcaccaggcuauuucaU                                   | 1    | 1   | Mm2  |
| aagcaccaggcuauuuAag                                   | 1    | 1   | Mm2  |
| aagcaccaggcuauuucag                                   | 104  | 0   | Mm2  |
|   | 4    | 1   | Mm2  |
|   |      |     |      |
| aagcacUaggcuauuucag                                   | 1    | 1   | Mm2  |
| aagcaccaggcuauuucagA                                  | 1    | 1   | Mm2  |
| aagcaccaggcuauuucCgu                                  | 4    | 1   | Mm2  |
| aagcaccaggcuauuucagu                                  | 196  | 0   | Mm2  |
| aagcaAcaggcuauuucagu                                  | 1    | 1   | Mm2  |
| aagcaccaggcuauuucaguu                                 | 1398 | 0   | Mm2  |
| aagcaccaggcuauuCcaguu                                 | 1    | 1   | Mm2  |
| aGgcaccaggcuauuucaguu                                 | 1    | 1   | Mm2  |
|   |      |     |      |

| Star Mature   |       |   |     |
|---|-------|---|-----|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugug |       |   |     |
| .aagcaccaggcuauuucGguu                                | 3     | 1 | Mm2 |
| .aagcaccaggcuauuuAaguu                                | 6     | 1 | Mm2 |
| aagcaccaggGuauuucaguu                                 | 1     | 1 | Mm2 |
| .aagcaccaggcuauCucaguu                                | 1     | 1 | Mm2 |
| .aagcaccaggAuauuucaguu.                               | 2     | 1 | Mm2 |
| .aagcaccaggcuauuucaguA.                               | 10    | 1 | Mm2 |
| aagcaccaggcuauuuUaguu                                 | 3     | 1 | Mm2 |
| aagcaccaggcuauuucaguC                                 | 1     | 1 | Mm2 |
| aagUaccaggcuauuucaguu                                 | 1     | 1 | Mm2 |
| aagcaUcaggcuauuucaguu                                 | 2     | 1 | Mm2 |
|   | 8     | 1 | Mm2 |
| aagcaccaggcuauuucUguu                                 |       | 1 |     |
| aagcacUaggcuauuucaguu                                 | 1     |   | Mm2 |
| .aagcaccaggcuauuuGaguu                                | 3     | 1 | Mm2 |
| .aagcaccaggcuauuucCguu                                | 5     | 1 | Mm2 |
| .aagcUccaggcuauuucaguu                                | 1     | 1 | Mm2 |
| aagcaccaggcuauuucaguG.                                | 1     | 1 | Mm2 |
| aaCcaccaggcuauuucaguu                                 | 1     | 1 | Mm2 |
| aagcaccaggcuauuucagCu                                 | 1     | 1 | Mm2 |
| aagcaccaggcuauuAcaguuc                                | 7     | 1 | Mm2 |
| aagcaccaCgcuauuucaguuc                                | 1     | 1 | Mm2 |
|   | 9     | 1 | Mm2 |
| .Nagcaccaggcuauuucaguuc                               | 22    | 1 | Mm2 |
| aagcaccaggAuauuucaguuc                                | 94    | 1 | Mm2 |
| .aagcacAaggcuauuucaguuc                               | 4     | 1 | Mm2 |
| .aagcaccaggcuauGucaguuc                               | 1     | 1 | Mm2 |
| .aagcaccaggcuaCuucaguuc                               | 7     | 1 | Mm2 |
| .aagcaGcaggcuauuucaguuc                               | 2     | 1 | Mm2 |
| aagcaccaggcAauuucaguuc                                | 2     | 1 | Mm2 |
| aagcaccaggGuauuucaguuc                                | 38    | 1 | Mm2 |
| aagcUccaggcuauuucaguuc                                | 2     | 1 | Mm2 |
| aagcacNaggcuauuucaguuc                                | 8     | 1 | Mm2 |
|   | 4     | 1 | Mm2 |
| aagcaccaAgcuauuucaguuc                                | 2     | 1 | Mm2 |
| aCgcaccaggcuauuucaguuc                                | 3     | 1 | Mm2 |
| aagcaccaggcuauCucaguuc                                |       |   |     |
| aagcaccaggcuauuucaguAc                                | 4     | 1 | Mm2 |
| aagcaccaggcuauuCcaguuc                                | 9     | 1 | Mm2 |
| .aagcaccaggcuauuucagCuc                               | 6     | 1 | Mm2 |
| .aagcaccaggcuauuuucaguuG                              | 1     | 1 | Mm2 |
| .aagcaccagAcuauuucaguuc                               | 4     | 1 | Mm2 |
| .aagcaccaggcuCuuucaguuc                               | 2     | 1 | Mm2 |
| .aagcaAcaggcuauuucaguuc                               | 2     | 1 | Mm2 |
| aagcaceGggcuauuucaguuc                                | 8     | 1 | Mm2 |
| aagcaccUggcuauuucaguuc                                | 14    | 1 | Mm2 |
|   | 3     | 1 | Mm2 |
| aagcGccaggcuauuucaguuc                                | 3     | 1 | Mm2 |
| aagcaccaggcuaAuucaguuc                                | 14    | 1 | Mm2 |
| .aagcaccaggcuauuucaguGc                               | 2     | 1 | Mm2 |
| aagcaccagUcuauuucaguucaagcaccagUcuauuucaguuc          | 3     | 1 | Mm2 |
| .aagcacGaggcuauuucaguuc                               | 4     | 1 | Mm2 |
| aagcaccaggcuauuucaAuuc                                | 4     | 1 | Mm2 |
| aagcaccaggcuauuucUguucaagcaccaggcuauuucUguuc          | 138   | 1 | Mm2 |
| .aagcaccaggcCauuucaguuc                               | 4     | 1 | Mm2 |
| .aagcaccaggcuauuucagAuc                               | 3     | 1 | Mm2 |
| .aagcaccaggcuauuucagGuc                               | 2     | 1 | Mm2 |
| .aagcaccagCcuauuucaguuc                               | 2     | 1 | Mm2 |
| .aagcaccaggcuUuuucaguuc                               | 8     | 1 | Mm2 |
| aagcaccaggcuauuucaguuc                                | 43690 | 0 | Mm2 |
| aagcaccaggcuauuucaguuU                                | 203   | 1 | Mm2 |
|   | 2     | 1 | Mm2 |
|   | 3     | 1 | Mm2 |
| aagcacCaggcGauuucaguuc                                | 12    | 1 | Mm2 |
| .aagcacvaggcuauuucaguuc                               | 7     | 1 | Mm2 |
|   | 12    | 1 | Mm2 |
| aagcaCcacgcuaGuucaguuc                                | 4     | 1 | Mm2 |
| aagcaccaggcuaGuucaguuc                                | 2     | 1 | Mm2 |
| aagcCccaggcuauuucaguuc                                |       |   |     |
| aaAcaccaggcuauuucaguuc                                | 16    | 1 | Mm2 |
| aGgcaccaggcuauuucaguuc                                | 7     | 1 | Mm2 |
| aagcaccaggcuauuuAaguuc                                | 191   | 1 | Mm2 |
| aagcaccaUgcuauuucaguuc                                | 8     | 1 | Mm2 |
| aagcaNcaggcuauuucaguuc                                | 11    | 1 | Mm2 |

| Star Mature  |      |   |     |
|--|------|---|-----|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugcuguuugucauaucuuccaaagcaccaggcuauuucaguucucugguugggagaauuccac |      |   |     |
| aagcaccaggUuauuucaguuc   | 30   | 1 | Mm2 |
| aagcaccaggcuauuucCguuc   | 133  | 1 | Mm2 |
| aagcaccCggcuauuucaguuc   | 4    | 1 | Mm2 |
| aagcaccaggcuauuuGaguuc   | 60   | 1 | Mm2 |
|  | 15   | 1 | Mm2 |
| aagAaccaggcuauuucaguuc   | 5    | 1 | Mm2 |
| aaUcaccaggcuauuucaguuc   | 17   | 1 | Mm2 |
| aagcaccaggcuauuucGguuc   | 129  | 1 | Mm2 |
| aagcaccaggcuauuucaguCc   | 8    | 1 | Mm2 |
| aagcaccaggcuauuucaguuA   | 14   | 1 | Mm2 |
| aagcaccaggcuauuucaUuuc   | 6    | 1 | Mm2 |
| aaCcaccaggcuauuucaguuc   | 3    | 1 | Mm2 |
| aagcaccaggcuauuuUaguuc   | 114  | 1 | Mm2 |
| aagUaccaggcuauuucaguuc   | 4    | 1 | Mm2 |
| aagcaccaggcuGuuucaguuc   | 5    | 1 | Mm2 |
| aaCcaccaggcuauuucaguucu  | 1    | 1 | Mm2 |
| aagcaccaggcuauuucCguucu  | 7    | 1 | Mm2 |
| aagcaccaggcuauuuccguuku  | 1    | 1 | Mm2 |
|  | 1    | 1 | Mm2 |
| aagcaccaggcuauCucaguucu  |      |   |     |
| aagcaccaggUuauuucaguucu  | 5    | 1 | Mm2 |
| aagcaccGggcuauuucaguucu  | 1    | 1 | Mm2 |
| aagcaccaggcuauuucaguucA  | 1549 | 1 | Mm2 |
| aagcaccaggcuauucGguucu.  | 7    | 1 | Mm2 |
| aagcaccaggcuaCuucaguucu.   | 1    | 1 | Mm2 |
| aagcaccaggcuauuucaguucu.   | 2107 | 0 | Mm2 |
| aagcaccaUgcuauuucaguucu.   | 1    | 1 | Mm2 |
| aagcaccaggcuauuCcaguucu.   | 1    | 1 | Mm2 |
| aagcaccaggcuauuucaguucG  | 15   | 1 | Mm2 |
| .aagcaccaggcuauuucUguucu   | 8    | 1 | Mm2 |
| aagcaNcaggcuauuucaguucu  | 1    | 1 | Mm2 |
| .aagcaccaggcuauuucaguucC   | 93   | 1 | Mm2 |
| .aagcaccagUcuauuucaguucu   | 1    | 1 | Mm2 |
| .aagcaccaggcuauuuAaguucu   | 5    | 1 | Mm2 |
| .aagcaccaggGuauuucaguucu   | 2    | 1 | Mm2 |
| aagcaccaggAuauuucaguucuaagcaccaggAuauuucaguucu   | 3    | 1 | Mm2 |
| .aagcaccaggcuauuuUaguucu   | 11   | 1 | Mm2 |
| aagcaccaggcuauuucaguuUu  | 10   | 1 | Mm2 |
| aagcGccaggcuauuucaguucuaagcGccaggcuauuucaguucu   | 1    | 1 | Mm2 |
| .aGgcaccaggcuauuucaguucu   | 1    | 1 | Mm2 |
| .aagcaccaggcuauuucaguucuA  | 3    | 1 | Mm2 |
| .aagcaccaggcuauuucaguucuU  | 76   | 1 | Mm2 |
| aagcaccaggcuauuucaguucAcaagcaccaggcuauuucaguucAc   | 1    | 1 | Mm2 |
| .aagcaccaggcuauuucaguucuUu   | 16   | 1 | Mm2 |
| agcaccaggcuauuucagu  | 1    | 0 | Mm2 |
| agcaccaggcuauuucaguuc  | 16   | 0 | Mm2 |
| agcaccaggcuauuucaguucu   | 2    | 0 | Mm2 |
|  |      |   |     |
| aaagcaccaggcuauuucaguu   | 7    | 0 | Fm2 |
| aaagcaccaggcuauuuGaguu   | 1    | 1 | Fm2 |
| aaagcaccaggcuauuucaguuc  | 33   | 0 | Fm2 |
|  | 7    | 1 | Fm2 |
| .aagcaccaggcuauuuca  | 18   | 0 | Fm2 |
| aagcaccaggcuauuuGag  | 1    | 1 | Fm2 |
| aagcaccaggcuauuucag  | 33   | 0 | Fm2 |
| aagcaccaggGuauuucag  | 1    | 1 | Fm2 |
| aagcaccaggcuauuuAag  | 1    | 1 | Fm2 |
| aagcaccaggcuauuuAagu   | 1    | 1 | Fm2 |
| aagcaccaggcuauuucagu   | 155  | 0 | Fm2 |
| aagcaccaggcuauuucCgu   | 1    | 1 | Fm2 |
| aagcaccaggcuauuucGgu   | 1    | 1 | Fm2 |
| aagcaccagUcuauuucagu   | 1    | 1 | Fm2 |
| Nagcaccaggcuauuucagu   | 1    | 1 | Fm2 |
| aagcaccaggcuauuucUgu   | 1    | 1 | Fm2 |
| aagcaccaggcuauuucUguu  | 3    | 1 | Fm2 |
| aagcaccaggcuauuucaguu  | 680  | 0 | Fm2 |
| aagcaccaggAuauuucaguu  | 1    | 1 | Fm2 |
|  | 1    | 1 | Fm2 |
| aagcaccaggcuauuuGaguu  | 1    | 1 | Fm2 |
| aagcaccaggcuauuucGguu  | 1    | 1 | Fm2 |
| aGgcaccaggcuauuucaguu  | 1    | 1 | Fm2 |

| Star Mature  |       |   |     |
|--|-------|---|-----|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugcuguuugucauaucuuccaaagcaccaggcuauuucaguucucugguugggagaauuccac |       |   |     |
| aagcaccaggcuauuuUaguu  | 3     | 1 | Fm2 |
| aagcaccaggGuauuucaguu  | 1     | 1 | Fm2 |
| aagcaccagCcuauuucaguu  | 1     | 1 | Fm2 |
|  |       |   |     |
| .aagcaccaggcuauuucCguu   | 1     | 1 | Fm2 |
| aagcaccaggcuauuuAaguu  | 3     | 1 | Fm2 |
| aagcacGaggcuauuucaguuc   | 2     | 1 | Fm2 |
| aagcaccaggcuauuucCguuc   | 72    | 1 | Fm2 |
| .aagcaccaggcuGuuucaguuc  | 3     | 1 | Fm2 |
|  | 23857 | 0 | Fm2 |
| .aagcaccaggcuauuucaguuc  |       |   |     |
| aagcaccCggcuauuucaguuc.  | 1     | 1 | Fm2 |
| aagcaccaggcuauuAcaguuc   | 3     | 1 | Fm2 |
| aagcacAaggcuauuucaguuc   | 5     | 1 | Fm2 |
| aagAaccaggcuauuucaguuc   | 6     | 1 | Fm2 |
| aagcaccaggcuaGuucaguuc   | 2     | 1 | Fm2 |
|  |       | 1 |     |
| . Uagcaccaggcuauuucaguuc   | 11    |   | Fm2 |
| aagcaccaggcuauuucaguuU   | 103   | 1 | Fm2 |
| aaCcaccaggcuauuucaguuc   | 3     | 1 | Fm2 |
| aageCccaggcuauuucaguucaageCccaggcuauuucaguuc   | 3     | 1 | Fm2 |
| .aagcaccaggcuauuucagAuc  | 1     | 1 | Fm2 |
| aagcaNcaggcuauuucaguuc   | 6     | 1 | Fm2 |
|  |       |   |     |
| aCgcaccaggcuauuucaguuc.  | 5     | 1 | Fm2 |
| aagcaccaggcuaCuucaguuc   | 8     | 1 | Fm2 |
| aagcaccaggUuauuucaguuc   | 21    | 1 | Fm2 |
| aagcaccaggcuauuuUaguuc   | 58    | 1 | Fm2 |
| .aagcaccUggcuauuucaguuc  | 5     | 1 | Fm2 |
|  |       |   |     |
| aNgcaccaggcuauuucaguuc   | 1     | 1 | Fm2 |
| aagcGccaggcuauuucaguuc.  | 6     | 1 | Fm2 |
| aagcaccaggcuauuuGaguuc   | 29    | 1 | Fm2 |
| aagcaccaggcuauuuAaguuc   | 110   | 1 | Fm2 |
| aagcaccagCcuauuucaguuc   | 2     | 1 | Fm2 |
| aagcaAcaggcuauuucaguuc   | 1     | 1 | Fm2 |
|  |       |   |     |
| .aGgcaccaggcuauuucaguuc.   | 4     | 1 | Fm2 |
| aaUcaccaggcuauuucaguuc   | 8     | 1 | Fm2 |
| aagcaccaggcuauuucaguCc   | 1     | 1 | Fm2 |
| aagGaccaggcuauuucaguuc   | 1     | 1 | Fm2 |
| .aagcaccGggcuauuucaguuc  | 3     | 1 | Fm2 |
| aagcacUaggcuauuucaguuc   | 4     | 1 | Fm2 |
|  |       |   |     |
| .aagcaccaggcuauAucaguuc.   | 2     | 1 | Fm2 |
| aagcacNaggcuauuucaguuc   | 2     | 1 | Fm2 |
| aaAcaccaggcuauuucaguuc   | 8     | 1 | Fm2 |
| aagcaccagUcuauuucaguuc   | 4     | 1 | Fm2 |
| Cagcaccaggcuauuucaguuc   | 2     | 1 | Fm2 |
| aagcaccaggcuauuucaUuuc   | 5     | 1 | Fm2 |
|  |       |   |     |
| .aagcaccagAcuauuuucaguuc   | 3     | 1 | Fm2 |
| aagcaccaggcuauuGcaguuc   | 1     | 1 | Fm2 |
| aagcaUcaggcuauuucaguuc   | 6     | 1 | Fm2 |
| .aUgcaccaggcuauuucaguuc  | 1     | 1 | Fm2 |
| aagUaccaggcuauuucaguuc   | 1     | 1 | Fm2 |
|  | 6     | 1 | Fm2 |
| aagcaccaggcuUuuucaguuc   |       |   |     |
| aagcaccaggcuauuCcaguuc   | 7     | 1 | Fm2 |
| .aagcUccaggcuauuucaguuc  | 5     | 1 | Fm2 |
| aagcaGcaggcuauuucaguuc   | 1     | 1 | Fm2 |
| .aaNcaccaggcuauuucaguuc  | 1     | 1 | Fm2 |
| aagcaccaAgcuauuucaguuc.  | 1     | 1 | Fm2 |
| aagcaccaggcCauuucaguuc   | 2     | 1 | Fm2 |
|  |       |   |     |
| aagcaccaUgcuauuucaguuc   | 10    | 1 | Fm2 |
| Gagcaccaggcuauuucaguuc   | 2     | 1 | Fm2 |
| .Nagcaccaggcuauuucaguuc  | 12    | 1 | Fm2 |
| .aagcaccaggcAauuucaguuc  | 2     | 1 | Fm2 |
| aagcaccaggcuauuucaguuA   | 25    | 1 | Fm2 |
|  | 1     |   |     |
| aagcaccaggcuCuuucaguuc   |       | 1 | Fm2 |
| .aagcaccaggcuauuucGguuc  | 94    | 1 | Fm2 |
| .aagcaccaggcuauuucUguuc  | 74    | 1 | Fm2 |
| .aagcaccaggAuauuucaguuc  | 44    | 1 | Fm2 |
| .aagcaccaggGuauuucaguuc  | 28    | 1 | Fm2 |
| aagcaccaggcuaAuucaguuc   | 9     | 1 | Fm2 |
|  |       |   |     |
| aagcaccaggcuauuucCguucu  | 6     | 1 | Fm2 |
| aagcaccaggcuauuucGguucu  | 4     | 1 | Fm2 |
| .aagcaccaggcuauuucaguucG   | 9     | 1 | Fm2 |
| .aagcaccaggcuauuucaguucC   | 116   | 1 | Fm2 |
|  |       |   |     |

| star Mature  |      |   |       |
|--|------|---|-------|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugcuguuugucauaucuuccaaagcaccaggcuauuucaguucucugguugggagaauuccac |      |   |       |
| aagcaAcaggcuauuucaguucu  | 1    | 1 | Fm2   |
| aagcaccaggcuauuucUguucu.   | 5    | 1 | Fm2   |
| aagcaccaggcuaAuucaguucu  | 1    | 1 | Fm2   |
|  |      |   |       |
| .aagcaccaggcuGuuucaguucu.  | 1    | 1 | Fm2   |
| aagcaccaggUuauuucaguucu  | 1    | 1 | Fm2   |
| aagcaUcaggcuauuucaguucu  | 1    | 1 | Fm2   |
| aagcaccaggcuauuuAaguucu  | 9    | 1 | Fm2   |
| .aagcaccaggcuauuucaguucA.  | 1347 | 1 | Fm2   |
|  | 5    | 1 | Fm2   |
| .aagcaccaggGuauuucaguucu.  |      |   |       |
|  | 2    | 1 | Fm2   |
| aagcaccaggcuauuucaUuucuaagcaccaggcuauuucaUuucu   | 1    | 1 | Fm2   |
| aaUcaccaggcuauuucaguucu  | 2    | 1 | Fm2   |
| .aagcaccaggcuauuuUaguucu   | 2    | 1 | Fm2   |
| aagcaccaggcuauuucaguucu  | 2071 | 0 | Fm2   |
|  |      | 1 |       |
| .aagcaccaUgcuauuucaguucu.  | 1    |   | Fm2   |
| aagcaccaggAuauuucaguucu  | 6    | 1 | Fm2   |
| aagcaccaggcuauuuGaguucuaagcaccaggcuauuuGaguucu   | 2    | 1 | Fm2   |
| aagcaccaggcuauuucaguucuU   | 118  | 1 | Fm2   |
| .aagcaccaggcuauuucaguucuUu   | 22   | 1 | Fm2   |
| agcaccaggcuauuucaguuc  | 8    | 0 | Fm2   |
| - ageaceagge aaauacagaac   | Ü    | Ü | 11112 |
|  |      |   |       |
| uggacugggauuccuugugugcu  | 1    | 0 | Fm1   |
| acugggauuccuugugugcug  | 3    | 0 | Fm1   |
| acugggauuccuugugugcGg  | 1    | 1 | Fm1   |
| acugggauuccuuguguguguuu.   | 3    | 0 | Fm1   |
| cuugugugcuguuugucauaucuucca  | 4    | 0 | Fm1   |
|  |      |   |       |
| ucauaucuuccaaagcaccaggcu   | 1    | 0 | Fm1   |
| aaagcaccaggcuauunAaguaaagcaccaggcuauunAagu   | 1    | 1 | Fm1   |
| aaagcaccaggcuauuucagu  | 1    | 0 | Fm1   |
| aaagcacGaggcuauuucaguu   | 1    | 1 | Fm1   |
| aaagcaccaggcuauuucaguu.  | 19   | 0 | Fm1   |
|  | 4    | 1 | Fm1   |
| Caagcaccaggcuauuucaguu   |      |   |       |
| aaagcaccaggcuauuucaguG.  | 1    | 1 | Fm1   |
| aaagcaccaggcuauuucaguucaaagcaccaggcuauuucaguuc   | 67   | 0 | Fm1   |
| Caagcaccaggcuauuucaguuc  | 18   | 1 | Fm1   |
| aaagcaccaggcuauuuAaguuc  | 1    | 1 | Fm1   |
| Caagcaccaggcuauuucaguucu   | 5    | 1 | Fm1   |
|  | 104  | 0 | Fm1   |
| aagcaccaggcuauuuca   |      |   |       |
| aagcaccaggcuauuuAa.  | 2    | 1 | Fm1   |
| aagcaccaggcuauuucag  | 137  | 0 | Fm1   |
| aagcaccaggcuauuucaU  | 2    | 1 | Fm1   |
| .aagcaccaggcuauuucUg.  | 1    | 1 | Fm1   |
| .aagcaccaggcuauuucaA.  | 1    | 1 | Fm1   |
|  |      |   |       |
| .aagcaccaggcuauuuUag.  | 1    | 1 | Fm1   |
| aGgcaccaggcuauuucag  | 1    | 1 | Fm1   |
|  | 1    | 1 | Fm1   |
| aagcaccaggcuauuuAagu   | 1    | 1 | Fm1   |
|  | 1    | 1 | Fm1   |
| aagcaccaggcuauuucUgu   | 1    | 1 | Fm1   |
| aUgcaccaggcuauuucagu.  |      |   |       |
| · · · · · · · · · · · · · · · · · · ·  | 1    | 1 | Fm1   |
| aagcaccaggcuauuucagu   | 503  | 0 | Fm1   |
| aagcaccaggGuauuucagu   | 1    | 1 | Fm1   |
| aagcaccaggcuauuucCgu   | 1    | 1 | Fm1   |
| aagcaccaggcuauuucaUu   | 6    | 1 | Fm1   |
| aagcaccaggcuauuucagA   | 6    | 1 | Fm1   |
|  |      |   |       |
| aagcaccaggcuauuucagC   | 1    | 1 | Fm1   |
| aagcaccaggcuauuucGgu   | 2    | 1 | Fm1   |
| .aagcaccaggcuauuuGagu  | 1    | 1 | Fm1   |
| .aagcaccaggcuauuuUagu  | 2    | 1 | Fm1   |
| aagUaccaggcuauuucaguu  | 1    | 1 | Fm1   |
| aagcaccGggcuauuucaguu  | 1    | 1 | Fm1   |
|  |      |   |       |
| aagcaccaggcuauuucagCu  | 1    | 1 | Fm1   |
| aagcaccaggAuauuucaguu  | 7    | 1 | Fm1   |
| aagcaccaggcuauuucaguA  | 17   | 1 | Fm1   |
| .aagcaccaggcuauuuUaguu   | 6    | 1 | Fm1   |
| aaUcaccaggcuauuucaguu  | 1    | 1 | Fm1   |
| aagcaccaggcuauuucaguG  | 3    | 1 | Fm1   |
|  |      |   |       |
| aagcaccaggcuauuucUguu  | 4    | 1 | Fm1   |
| aagcaccaggcuauuucGguu  | 9    | 1 | Fm1   |
| _  | 1    | 1 | Fm1   |
| aagcaccaggcuauuucaguC  | -    |   |       |

| Star Mature   |           |        |            |
|---|-----------|--------|------------|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugug |           |        |            |
| aGgcaccaggcuauuucaguu                                 | 1         | 1      | Fm1        |
| aagcaccaggGuauuucaguu                                 | 2         | 1      | Fm1        |
| aagcGccaggcuauuucaguu                                 | 2         | 1      | Fm1        |
| aagcaccaggcuauuuAaguu                                 | 10        | 1      | Fm1        |
| aagcaccaggcAauuucaguu                                 | 1         | 1      | Fm1        |
| aaCcaccaggcuauuucaguu                                 | 2         | 1      | Fm1        |
| aagcaccaggcuauuucaguu                                 | 2501      | 0      | Fm1        |
| aagcaccaggcuauuucCguu                                 | 10        | 1      | Fm1        |
| .aagcaccaAgcuauuucaguu                                | 1         | 1      | Fm1        |
| aagcaccaggcuauuAcaguu                                 | 1         | 1      | Fm1        |
| aagcaccaggUuauuucaguu                                 | 5         | 1      | Fm1        |
| .aagcaccaggcuaAuucaguu                                | 1         | 1      | Fm1        |
| aagcaccaggcuauuCcaguu                                 | 2         | 1      | Fm1        |
| .aagcaccaggcuauuuGaguu                                | 5         | 1      | Fm1        |
| aagcUccaggcuauuucaguu                                 | 1         | 1      | Fm1        |
| .aNgcaccaggcuauuucaguu                                | 1         | 1      | Fm1        |
| .aagcacGaggcuauuucaguu.                               | 1         | 1      | Fm1        |
| .aagcaccaggcCauuucaguu                                | 1         | 1      | Fm1        |
| .aagcacUaggcuauuucaguu                                | 1         | 1      | Fm1        |
| .aagcaccaggcuauCucaguuc                               | 8         | 1      | Fm1        |
| .aagcacAaggcuauuucaguuc                               | 4         | 1      | Fm1        |
| aaNcaccaggcuauuucaguuc                                | 1         | 1      | Fm1        |
| .aagcaccaggcuauuucaguuG                               | 6         | 1      | Fm1        |
| .aagcaccaAgcuauuucaguuc                               | 4         | 1      | Fm1        |
| aagcaccaqUcuauuucaguuc                                | 10        | 1      | Fm1        |
| aagcaccCggcuauuucaguuc                                | 5         | 1      | Fm1        |
| aagcacGaggcuauuucaguuc                                | 6         | 1      | Fm1        |
| aagcaccGggcuauuucaguuc                                | 14        | 1      | Fm1        |
| aagcaccaggcuauuuUaguuc                                | 137       | 1      | Fm1        |
| aagcaccagAcuauuucaguuc                                | 7         | 1      | Fm1        |
|   | 26        | 1      | Fm1        |
| aagcaccaggGuauuucaguuc                                | 69        | 1      | Fm1        |
| aagcaccaggAuauuucaguuc                                | 125       | 1      | Fm1        |
|   | 3         | 1      | Fm1        |
| aagcGccaggcuauuucaguuc                                | 8         | 1      | Fm1        |
| aaUcaccaggcuauuucaguuc                                | 12        | 1      | Fm1        |
| aagcaccaggcuauGucaguuc                                | 3         | 1      | Fm1        |
| aGgcaccaggcuauuucaguuc                                | 15        | 1      | Fm1        |
| aagcaccaggcuaGuucaguuc                                | 6         | 1      | Fm1        |
| aagcaccaggcuauuucagCuc                                | 5         | 1      | Fm1        |
| aagcaccaggcCauuucaguuc                                | 6         | 1      | Fm1        |
| aagcaccaggccauuucaguuc                                | 9         | 1      | Fm1        |
| aagcaccaggcuauuucaguuc                                | 59669     | 0      | Fm1        |
|   | 7         | 1      | Fm1        |
| aagcaccaggcuaAuucaguuc                                | 23        | 1      | Fm1        |
|   | 3         | 1      | Fm1        |
|   |           | 1      | Fm1        |
| aagcaccaggcAauuucaguuc                                | 1<br>5    | 1      | Fm1        |
| aagcCccaggcuauuucaguuc                                | 7         | 1      | Fm1        |
| aaAcaccaggcuauuucaguuc                                | 184       | 1      | Fm1        |
| aagcaccaggcuauuucUguuc                                |           | 1      |            |
| aagcaccaggcuauuCcaguuc                                | 12<br>415 | 1      | Fm1<br>Fm1 |
|   | 5         |        |            |
| aagAaccaggcuauuucaguuc                                |           | 1<br>1 | Fm1        |
| aagcaccaggcuauuucaguAc                                | 2         | 1      | Fm1        |
| aagcaccUggcuauuucaguuc                                | 18        |        | Fm1        |
| aagcaccaggcuauuuGaguuc                                | 75        | 1      | Fm1        |
| aagcacUagguuauuucaguuc                                | 22        | 1      | Fm1        |
| aagcaccaggcuauuucGguuc                                | 172       | 1      | Fm1        |
| aagcaccagCcuauuucaguuc                                | 3         | 1      | Fm1        |
| aagcaccaggcuauuuAaguuc                                | 224       | 1      | Fm1        |
| aagcaccaggcuauuAcaguuc                                | 5         | 1      | Fm1        |
| Uagcaccaggcuauuucaguuc                                | 34        | 1      | Fm1        |
| aagGaccaggcuauuucaguuc                                | 1         | 1      | Fm1        |
| aagcaccaggUuauuucaguuc                                | 54        | 1      | Fm1        |
| aagcaNcaggcuauuucaguuc                                | 11        | 1      | Fm1        |
| aagcaccaggcuauuucaAuuc                                | 3         | 1      | Fm1        |
| aagcaccaggcuaCuucaguuc                                | 10        | 1      | Fm1        |
| aagcaccaggcuauuucaguuA                                | 46        | 1      | Fm1        |
| aagcaccaggcuauuucCguuc                                | 174       | 1      | Fm1        |
| aagcaccaggcGauuucaguuc                                | 2         | 1      | Fm1        |

| Star Mature   | <b>)</b>                        |      |   |     |
|---|---------------------------------|------|---|-----|
| agccagaacggagcugcugaaccuauccaguggacugggauuccuugugugcuguuugucauaucuuccaaagcaccaggc | uauuucaguucucugguugggagaauuccac |      |   |     |
| aagcaGcaggc   | uauuucaguuc                     | 3    | 1 | Fm1 |
| aaCcaccaggc   | uauuucaguuc                     | 11   | 1 | Fm1 |
|   | uauuucaguuc                     | 13   | 1 | Fm1 |
|   | uauuucagAuc                     | 4    | 1 | Fm1 |
|   | uauuucaguuc                     | 5    | 1 | Fm1 |
|   |                                 | 5    | 1 | Fm1 |
|   | uauuucaguuc                     | 5    |   |     |
|   | uauAucaguuc                     |      | 1 | Fm1 |
| aagcaccaggc   | uUuuucaguuc                     | 4    | 1 | Fm1 |
| aagcaccaggc   | uCuuucaguuc                     | 3    | 1 | Fm1 |
| aagcaccaggc   | uauuucaguCc                     | 11   | 1 | Fm1 |
| aagcaccaggc   | uauuucaCuuc                     | 4    | 1 | Fm1 |
| aagUaccaggc   | uauuucaguuc                     | 2    | 1 | Fm1 |
| aagcaAcaggc   | uauuucaguuc                     | 9    | 1 | Fm1 |
| aCgcaccaggc   | uauuucaguuc                     | 2    | 1 | Fm1 |
| aagcaccaUgc   | uauuucaguuc                     | 11   | 1 | Fm1 |
|   | uGuuucaguuc                     | 2    | 1 | Fm1 |
|   | uauuucagGuc                     | 3    | 1 | Fm1 |
|   | uauuucaguuc                     | 3    | 1 | Fm1 |
|   |                                 |      |   |     |
|   | uauuucaguucA                    | 1764 | 1 | Fm1 |
|   | uauuuGaguucu                    | 2    | 1 | Fm1 |
| aagcaccaUgc   | uauuucaguucu                    | 1    | 1 | Fm1 |
| aagcaccaggc   | uauuucaguucC                    | 173  | 1 | Fm1 |
| aagcaccaggG   | uauuucaguucu                    | 4    | 1 | Fm1 |
| aagcaccaggc   | uauuucGguucu                    | 11   | 1 | Fm1 |
| aagGaccaggc   | uauuucaguucu                    | 3    | 1 | Fm1 |
| aagcaccaggc   | uauuucagCucu                    | 4    | 1 | Fm1 |
| aagcUccaggc   | uauuucaguucu                    | 1    | 1 | Fm1 |
| aCgcaccaggc   | uauuucaguucu                    | 1    | 1 | Fm1 |
|   | uauuucUguucu                    | 13   | 1 | Fm1 |
|   | uauuucaguCcu                    | 2    | 1 | Fm1 |
|   |                                 | 49   | 1 | Fm1 |
|   | uauuucaguuUu                    |      |   |     |
|   | uauuucaguucu                    | 4584 | 0 | Fm1 |
|   | uauuucaguucG                    | 19   | 1 | Fm1 |
| aagcaccaggc   | uauuucaUuucu                    | 1    | 1 | Fm1 |
| aagcaccaggA   | uauuucaguucu                    | 10   | 1 | Fm1 |
| aagAaccaggc   | uauuucaguucu                    | 1    | 1 | Fm1 |
| Nagcaccaggc   | uauuucaguucu                    | 3    | 1 | Fm1 |
| aagcaccaggU   | uauuucaguucu                    | 9    | 1 | Fm1 |
| aagcaccaggc   | uauuuUaguucu                    | 9    | 1 | Fm1 |
|   | uauuucaguucu                    | 2    | 1 | Fm1 |
| aagcaccagUc   | uauuucaguucu                    | 1    | 1 | Fm1 |
|   | uauuucaguuGu                    | 6    | 1 | Fm1 |
| aagcaUcaggo   |                                 | 2    | 1 | Fm1 |
|   |                                 | 1    | 1 | Fm1 |
| aaAcaccaggo   |                                 |      |   |     |
| aagcaccaggc   |                                 | 2    | 1 | Fm1 |
| aagcaccaggc   | •                               | 12   | 1 | Fm1 |
| Uagcaccaggc   | uauuucaguucu                    | 1    | 1 | Fm1 |
| aagcaccaggc   | uauuucaAuucu                    | 1    | 1 | Fm1 |
| aagcaccUggc   | uauuucaguucu                    | 1    | 1 | Fm1 |
| aaUcaccaggc   | uauuucaguucu                    | 2    | 1 | Fm1 |
| aagcaccaggc   | uauGucaguucu                    | 1    | 1 | Fm1 |
| aagcaccaggc   | uauuuAaguucu                    | 17   | 1 | Fm1 |
| aagcaccaggc   | uauuucCguucu                    | 16   | 1 | Fm1 |
| aagcacAaggc   | uauuucaguucu                    | 1    | 1 | Fm1 |
| aagcaccaggo   |                                 | 1    | 1 | Fm1 |
| aagcaccaggc   |                                 | 2    | 1 | Fm1 |
| aageaccagge   | -                               | 18   | 1 | Fm1 |
|   |                                 |      |   |     |
| aagcaccaggo   |                                 | 2    | 1 | Fm1 |
| aagcaccaggc   |                                 | 1    | 0 | Fm1 |
| aagcaccaggc   |                                 | 239  | 1 | Fm1 |
| aagcaccaggc   | uauuucaguucuUu                  | 24   | 1 | Fm1 |
| agcaccaggc  | nauuucaguuc                     | 20   | 0 | Fm1 |
| agcaccaggc  | uauuucagAuc                     | 1    | 1 | Fm1 |
| agcaccaggc  | uauuucaguucu                    | 1    | 0 | Fm1 |
| caccaggc  | uauuucaguucucu                  | 3    | 0 | Fm1 |
|   |                                 |      |   |     |