

Table S4 The identified sex-linked loci information of *E. multiocellata*

| Locus | Seq |
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| 1821010 | TAAC TTTTTTTTTTTTTTGGGGGGGGGGGGAGGGAGGCAATCAAATGAAATCCCACAAGCTGTCATTCAGCAAACACTGACAACTACTATATTA TGGTATGTATAGGAAGGCTGGGGAACTTATGGCCTTTTGGTTACTGTTGGATTCCAATNNNNNNNNNNNGTCAGGGATGATGGGAGTTGAGG GGTTGCAAGAAGGCAGCAATTCCCATTTCCACCTGCATTCAATGCAATCAGTGCTGTTTCCATTCTGCTGCAGTTTGGGTTCTGCCAAACAC TATGTTATTTGTCTCATTGTCTGTGAATTA |
| 2280877 | TAAC TCCGAGCCAGTTGGAGTCAGTTGGGAACAACGTCAAGGGGTGACCGTTAGAAATTTGAATTGGAGGGAGGAGTATAAAAAGGGAG AAGTACCAGTGTGAAAGAGTTAGAGTTCTGGGAGAGAGTGTGTGGGTGGTAATTGNNNNNNNNNNNTTTTGGTCTTGGGTGAGGCTGGCTA GGTTGGGAGATAGGAGAGTGATAGGCTTTACTGTTTTAGTTCCTACTTTATCTTAGTCCCTTTATGATCCAACCCTATTCATTTCATTCCCCTA TCTGTTATCTTTTTATTATTCTTA |
| 2605241 | TAAGATCAGAATACAGTGTA AAAATTTGACCCTTTGGTCCACATACTGTATGTTGCCAATGTTCCACCTGCATATTATAACCTTTTTTTCTTCTTT TTTGCCCATTTTCATCATA CATGGTTTTGCTTCTTCTTGAATTTCAAGATTNNNNNNNNNNNATTTCAACAAATGCCGAGACACTGGAACCTCCAG TAATGAACTCAATCCGTTCCAGGGGGGCTACCCACCTAGAAGCAGGCGTATTTCAAGCCTAGTACAAAACATTGCTTGGTCTCCGTTTTCC TCCCTAACAAAAATGTAAAAAAGCTAAGAAATACAAATATGTACATATATTGATGCAGAAGATTTTA |
| 2610570 | TAATTATATTGTAAACCTCATCCCAGAATGGTCTTATTTTTATGCACGTCCACCACATGTGCCATACTGTCCCTACATCCAACCTTGCACCTCCA ACAGACATTACTACATCCTTTATACATTTTTGCCAATTTGTGTGGTACCANNNNNNNNNNNCCATTTTATATACATTTTCTTTTAGATCATAGTTG GGTGTA AACTTCAGTCCTTTATTCATAAAGTCTGCCACTCTTCTAACATAATTTTTTGCCCATATCCTGGGCCCACCTGATCATTGCCTCTTT TACATACTCGTCTTTAGTTTTCCCATTTCTAAAAGGTGGTTATATATTTTTTTA |
| 2619237 | TAATGTATGCTGCAATAAATCATTTTTGATAAAAGCAAGCTGGCTGCAAAGTGCGGTTCTTGCAAGAGACACCCTCTAATTGACTCATAACAAC GGATAACGACAGAACTTATGAGTTTATTTTGGCTCTCTTTCAATGGCTGGNNNNNNNNNNNATAAGAGTCTTTGGTGAGGTAACTATGATTT GTTGGACATAAGCTACCTGATAAAGA AACTGCAACATTTGGGAAAGTGGGGAATCTGAGAGTCTTTTCTTTCTTCTCTCCATGCCGACTCCA TCAATCACAAATCACAAATTA |
| 2623385 | TAAGAAAGCAGGAAGGGGAGTGGCTATACTATTGCTCAAACGTCCAAGACAGAGCAGTAGTCTGCAGAGGTAGATTGCCTTGGAGCTAGT TAGTGTGGAATGGTGTGCATATCCTTGCACCTTAGGAGCTGATGTAATGGAGTNNNNNNNNNNNGGATAGGGAGCCCAGCTTTGTGGTTGTTC CAGTCC TACTTGGATGGTCATTTCCAGAGGGTGATGATTGGGGAGAGCTGTGAAGCCCTGTGAAGCCTTCAATGTGGGGTTCCTCAGGGTTT GATTTTATCCCCCATGCTGTTTA |

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| 2627643 | TAATTGGAAAATGTGCATTCTCAAAAGTACAATTGACTCTGACGTCCCAATGTAGCAATATACACAGAGGAGAGTATTTTCAGTGCCTCATCT GAAAAAGTTGCTTTAGGATATAACAATTACTGCATTAGCCCTTTATGCCAGAATACTGCAAGTCATATTTATTTGATCCCCAAACATTGCGCTT CTTATTCTTGATTGTCCTATGCCTGTGAAATATATTGTTAGCACTTGTTGAACGTTTGGTCCTATTTTTATTACTGTCTAGAGAAGCTGATCAG GCTGTTTTGCTAGCTGTTA |
| 2628103 | TAACTTGCCTGCTTCTTACTTGAAGAGCCTCTTCTTCCACTTCCAACCTGTTCTGTCCCCACCTTCTTCTCTGACTGCTCAGACTCTTCCCC TTCCCTTTGCCCTGGCTCCTGTTTCACAGGTGGCAACAAATAGCCATAAATNNNNNNNNNNAGCTTCTCCTCCCCCCCATCTCCATCACACA CTCGACAGAGCCCTACCTGTCCCAGACATTTCTGTACTTTACCAGGTTTCTGTAAAACCTGACTCAGTTTCCTATGCATCAAGAAAGTAATTT TCCCAAATACCAGGTTTTTA |
| 2629184 | TAAGCCCCCAAAGCGGGAGAATCCCGCAAAAAATGGGAGGGTTGACAGGCATGCTGGGGAGAGTCCAGAAGGCCAGATAGATGTGATGC TCATGGAGCTATACAGAACCCAAATCCTAATAATTAGCAGAAGAGATACATCANNNNNNNNNNCAGATGTCTTGTAAGTTGAGGAGATGC ATGTTTATGAAGGGGGGAGAGAGAAAGTCTGCCCCCAATCAGCCCACTTTTGCTCGTCCTGCCCACTGCCAGTATGTGTGTCTCCCAATAA CCTTCCCCACAGAAATGAACCCTTAACCCCCAAAATGTTCCCCACCCTTGGCTTA |
| 2629307 | TAAAACTTTTGAGCTACTGTGGATGACTGTCCATCACTACCCACAGCTTGTTGTTGCTTCTTAGCTGCCTCCCATCACAGTTCTTCCACATT TCTGTAGTGGCAACCTTGCCCCCATCCTAGTTGTGCATAGTCCCTAATGATANNNNNNNNNNGGGATTGGTGGCAGGTGACCCTGTTGCTCAT TCAAGGGCATAACAGTCCTGGCAAAGTCCATATTGGCATGTCGCTGTTGAATTTAGGCTGGTCCAGCATTATTGTGAGACCTCCCCTGCCCTTT TGTCTGCTGTAATCTTTTA |
| 2630176 | TAAGCTTCTGGGCGGGGAACAGACAATCGGTACTTCGAGGTTCTGATTCTGACTAAGCATGTCGTACTTTCTGCTTTGCTGTACATAATGCAA TAAAGTTAGTTAGTACTACCAGTTGGCTGGTTTATGTCTGCGGACGCTGATNNNNNNNNNNNACAATCACCGCACCAGATATTCTCTTTTGC CCTCCTAGACTGTACTCTAAAACATTTTTCCATTCTTGTTCATCTCTGCTCCTTCTATTTCCAACCATAGAGCCAGTTCTTCAACCACTCTTT TCCTTTTTTTCTTTATTA |
| 2632474 | TAACAAATAAGGGACTGTGGCAGGAAAGGGGGCCAAAATAAGGGAAATCCCTGGAAATAAGGGATACTTGACAGCTATGGCGATGGGGTG AGCTCCCCTTGCTCAGTCCCAGCTCCTGTCAACCTAACAGTTCAAAGCACCTTTNNNNNNNNNNNAATAGGTTCCGCTCCAGCAGGAAGGTA ACAGCGTTTCCGTGCACTCTGGTGTCGGTGTTCTGTGCATGCCAGAAGCAGTAGTCATGTTGGCCACATGACATGGAAAACTGTTTGAGGA CAAATGCTGGTTTGGCACTGGACTTAACTGTCAGGGGTCCTTTACCTTTTA |
| 2634103 | TAATAGAGATATATAATAATCAGAAGAAACATACAAGTGGAGTCATGATGCCAGTCTGAGGATTGTGGTCCTGAACACAATGGCCAGGCTC AACAGCATGTATGAATTCTGATCATAAATCCCACATGATTCCTACAATGCAGNNNNNNNNNNGCCATGGATATTGTTAGGGACAAGTCAGAC |

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| | GCGACGTCGGTAGAAAGCAAGAAAGTAAAGTGGCTGTCCAGTGAGGCCTTACAAATCGCGGGGGAGAGAAGGCAAGCAGAATGCAAAGGAGATAGTGTAGGATACAGGAAATTA |
| 2638060 | TAATTTGTGATTTGTGATTGATGGAGTCGGCATGGAGAGAAGAAAGAAAAGACTCTCAGATTCCCCACTTTCCCAAATGTTGCAGTTCTTTTATCAGGTAGCTTATGTCCAACAAATCATAGTTACCTCACCAAAGACTCTTATNNNNNNNNNNNNNCCAGCCATTGAAAGAGAGCCAAAATAAACTCATAAGTTTCTGTCGTTATCCGTTGTTATGAGTCAATTAGAGGGTGTCTCTGCAAGAACCGCACTTTGCAGCCAGCTTGCTTTTATCAA AAATGATTTATTGCAGCATACATTA |
| 2642652 | TAAGTCACACAGAGCCCTCTGTAACGCCTCTGGGGTCCCATGCTCCTTTTATTTTATTTTATTTTGAAGGAGGATGTGGGAGGCTGTTTTT AGTTTGGTGGTTCATTCTGTCTCTTTCCATCCCTCCCTGTAGCGGGGTTATGAGCTNNNNNNNNNNNCCCTCAGATAAATTCCTTGTTTTTATAT CCCTCATTGTTGGGCGCAAGGGTCCCCCTCCCCGTTTCAGTCCACAGTTGCAGGAAAGGGGCCCATAGCTCATTGTCAAAGCATATAGAGGT GGCACCTGCCATTTCAAAGTGTTA |
| 2644282 | TAAGGGATATCGTGTAGGGCAAGAAAGCAATGGCAGCTACAGTAGTTTTATTAGAGGTAAATGTGTAATGGACTGTAGCTGATAGAGGACTT TTTATTTTTGTGATGAGAAGCAAATGGTGAGCCACTGTGTGAGACAGAATGGNNNNNNNNNNNCTGCACAGCAATGCCACTATTTTCAAGTG TAGTAATTTGGTATGAGATCCAAAGTGGCACGGAATGTGTAAATTTAGAGAAGAAAAATGTATGAGACTGTGGTAAAAGGAAAGTCAGAGA AATGGTTTAGTTGGGATTTTTTTTA |
| 2645069 | TAAAGCATCTTCTTCCCTCTCTCTTTATTTATAATTGCCTATTTGAACATACAAAAGTGCCTTATATTTAGTCAGAAGATTGATCTATCTAGATC TGTGCTGACTGGCAGCAGCTTTTCTGGGCTTCAGGCAGCAGACATTCCNNNNNNNNNNNGGACCTTCTGCATGCAAAATGCAACAGCCAAT CCAGATCCCACAGAGTTACCCACAGATTGAAGCCAGGGCTCCTACCTTCAGAGGCTCTACTGTTAGAAAGTTTGGTTAGATGGAAGACAGA AAAATACAAAGGATTTTTTTTA |
| 2647001 | TAAAAAAATCCTTTGTATTTTCTGTCTTCCATCTAACCAACTTTCTAACAGTAGAGCCTCTGAAGGTAGGAGCCCTGGCTTCAATCTGTGG GTAACCTCTGTGGGATCTGGATTGGCTGTTGCATTTTGCATGCAGAAGGTCCNNNNNNNNNNNGGAATGTCTGCTGCCTGAAGCCCAGAAAAG CTGCTGCCAGTCAGCACAGATCTAGATAGATCAATCTTCTGACTAAATATAAGGCAGTTTTGTATGTTCAAATAGGCAATTATAAATAAAGAA GAGAGGGAAGAAGATGCTTTA |
| 2647600 | TAAAAACCTGGTATTTGGGAAAATTACTTTCTTGATGCATAGGAACTGAGTCAGTTTTACAGAAACCTGGTAAAGTACAGGAAATGTCTGG GACAGGTAGGGCTCTGTGAGTGTGTGATGGAGATGGGGGGGAGGAGAAGCTNNNNNNNNNNNATTTATGGCTATTTGTTGCCACCTGTGA AACAGGAGCCAGGGCAAAGGGAAGGGGAAGAGTCTGAGCAGTCAGAGAAGAAGGTGGGGGACAGAACAGGTTGGAAGTGGAAGAAGA GGCTCTTCAAGTAAGAAGCAGGCAAGTTA |

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| 2648560 | TAAC TTCTGGGTTGTCGGCATACAAAACCCGAAACATTTGACTTCTGACGCATTACCAAATGAGGTTCCACTGTATTCCAAATGGAGGGAA ATAAACAATGCCAGCTACATGGTTAGCATAGTTTCCCTCCAATTCTGGGGACNNNNNNNNNNAGCACATTATTGGAATGCCTCCTTCTTACC ATCTCCAAAATCTCTGCTCTAACACTGCAAATCTTCATGCAGCCTCAAAGAAGAGGCATATAAGGTCTGGACCTTCTCTTATAGTCTTTTCAC TTTCAATGATATATGGACTTA |
| 2651210 | TAAAAGTAGCCCCATGTAGATTACATTGCAGTAGTCCAAGCGGGAGATAACCAGGGCATGATAGGGTCTCAGCCTGCATACAAGATGGAGCT GGTAGACAGCTGCCCTGGACACAGAATTGACCTGACAGCTGTGAGTCCAAAANNNNNNNNNNGGGAGTCTCCACACCTGCCCACCCCT TGAACAGTACCTCTGTCTTGCCAGGATTCAACCTCAATCTGTTATCTGCCATCCATCCTCCAACCTCTCCAGACACGCACACAGGACCTTC ACTGCCCTCACTGGTTCTGATTTA |
| 2651709 | TAACCAAAATAAAAAATAAGGGATATTGTGTAGGGCAAGAAAGCAATGGCAGCTCTAGTAGGTTTATTTGAGGTAAATGTGTAATGGACTGTA GCTGATAGAGGACTTTTTATTTTAGTGATGATGGTGATGATAACTGCACAGNNNNNNNNNTGGCATGGAATGTTTAAATTTAGAGAAGAA AAATGTATGAGACTGTGATAGAAGGAAAGTCAGAGAAATGGTTTGGTTGGGATTTTTTTTACTGTAATTGCCTTAGCGAGGTGTGGGCAGGG GGGGGGGCTGGATCGATACCTTTA |
| 2652133 | TAACTGAGCTGTGTCATTCAGGGTGCACACAGGATTCATGGAGTTCTCATACACAACAAGGTCCTTCAGATCCTTCTTCTTGGAGGAATCT CGGGCAGCCTCACCAACTTTCTGAACATGGACTGCTTTGGTGACCCAGCATNNNNNNNNNTTCAGTGCCTCGTCTGCTGCAGCATGCTT GCTGGTTTTCTTTGTGCCATACCCTTCAGCTAAAAAGTGGTCCTGTAGATAGACACTGCAGTGCCACAAGCGGTTTGGCATCAGGACATATT TGTATTCAATGGTCATTTTGTTA |
| 2652720 | TAATTTCTGTATCCTACACTATCTCCTTTGCATTCTGCTTGCCCTCTCTCCCCGCGATTTGTAAGGCCTCACTGGACAGCCACTTTACTTTCT TGCTTTCTACCGACGTCGCGTCTGACTTGTCCCTAACAATATCCATGGCNNNNNNNNNCTGCATTGTAGGAATCATGTGGGATTTATGATCA GAATTCATACATGCTGTTGAGCCTGGCCATTGTGTTTCAAGGACCACAATCCTCAGACTGGGCATCATGACTCCACTTGTATGTTTCTTCTGATT ATTATATATCTCTATTA |
| 2656459 | TAACACTTTGAAATGGCAGGTGCCACCTCTATATGCTTTGACAATGAGCTATGGGCCCTTTCTTGCAACTGTGGACTGAAACGGGGGAGGG GGAACCTTGCGCCCAAATGAGGGATATAAAAACAAGGAAATTTATCTGAGGNNNNNNNNNAGCTCATAACCCCGCTACAGGGAGGGAT GGAAAGAGACAGAATGAACCACCAAATAAAAACAGCCTCCCACATCCTCTTTCAAAAATAAAAATAAAAAGGAGCATGGGACCCC AGAGGCGTTACAGAGGGCTCTGTGTGACTTA |
| 2657105 | TAAAGTATTTGGGTTTGATAGGGGATCTCATAGCTCTATGATAGTTGCTCATCAGAACTAAAGAACACTATAAAATGCTGTTCTGCCAAATA CAGAGGTGGTTCTCAGAGGTATCAGGACAAATAAACCAAGCAGACAGAAGGNNNNNNNNNAAATCAGCATGTCCCAATCTACTCCCAG |

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| | GAGCCCCCTCAAATGGGTAGCGAGGACACACAAACCCACTCACAGCACCCCTAGCCCTGGGTCTGTGATGAGGCTCCCTCCCTCAAATGCCTG CCTTTTATAGGGAACCTTGATCTTA |
| 2657292 | TAACCTGAAGCACCAGTTTAGCTAATGGGGCCTCCTGCTGCCGCTGTACCGCTATACTGCTGGCACGCTGTACTGCTGGCACACGGTTTCTG TTCTCAACTTGAGGCAAAGAAGTACCTTGAGGTAAGTACTCCCATACATACNNNNNNNNNNNATGAAGACAAAGGAGACAGGGACTTGAA CCAGCAAGCTCTGCCATTGGGGGAGGAAGTGCTGAGTCCTGTCTGCGCTGACAGTCCTCCCTCCGCTCTCCATGCAGGCACCTTTTATTGATC ACCAGATCACCAGAACACTCATTAA |
| 2666913 | TAATTCTCTCAAATCCATTTCTGGACCTGCCATCGATCTGCGGCCAGAATTGAGGATGCACGCATGCAAACATGACAATTGTGTTCTGCAGCT TCACATCTGCATCGTTCTCAACTGTTTCAACACAACAGGCTCTCGGTTGTGCATTCCACTATGACCCTGCTGTTGATTATAGCTCAAGCCATC ATGTTCTCATCGGCACTATGACTGAAGTGTGTCATTACTGCAGAGCTCTAAAATTTCTTAAAGAACTCAAGGAATGTGTTGTGCCGCTGGA AAAGTTA |
| 2657524 | TAAGGCATCGCAAAAAGTACAAGCGCTGCTGGGCCTTCTTCACTAGCGACTCAGTGCTCCACAACCAGACCAACCTGTTTGTAGTTGTAC TCCCAGGATTTTATGCTAGCAAACATTTCCATTGGCAGGTTGTCAATAAATAGNNNNNNNNNNNATCGACAACGATCTCTCTGGTATTTCCACA TTCAGCCCCAAGATTATTTCTCCTGCAGCAATTCCTAGACTCTTCTTCTCAGTACAGCCCCCATTTTCTTCTGAATCTGACCCACCA GTTATATCATCTGCATATTTA |
| 2692930 | TAAACCCTCCATTTGGGAATCCCTTGCAGATAACTGAAGTAGCTGAAGACAGTCAGGTCTTTTCTCCACACCAGTGACCAGAGGAGGAATG ACCCCTGGGGGGAACACCAGAATGAAGAAATGCCATTATGCACCTGCAGGAGCNNNNNNNNNNNAAACATATCACTCCCATGTCAGTTTCTA CAGCCGTAGTGGGCACTGCAACTCTCCAGTGGTTTGACTTTATCCCAATGGTGCACGCTTCCATTGTCTCTCGAGGCAAACGGATGCCAACA AACCTTCACATACACATTCATTTA |
| 2693823 | TAACAAAATGACCATTGAATACAAATATGTCCTGATGCCAAACCGCTTGTGGCACTGCAGTGTCTATCTACAGGACCACTTTTGTAGCTGAAG GGTATGGCACAAAGAAAACCAGCAAGCATGCTGCAGCAGACGAGGCACTGAANNNNNNNNNNNATGCTGGGGTCACCAAAGCAGTCCATG TTCAGAAAGTTGGTGAGGCTGCCCCGAGATTCCTCCAAGAAGAAGGATCTGAAGGACCTTGTTGTGTATGAGAACTCCATGAATCCTGTGTG CACCTGAATGACACAGCTCAGTTTA |
| 2695650 | TAAGCGACTTTGCTAGCATAGATTGAGCTGGGACCCTGAGTTCCAGTGATGAACCTGTGAGATTCAAAGCTGCAAATTCTCTGGAAATCAAG CTGGAGAACTCCCAGATTGCAAATGTGATGCATGGGAGGAGGGAATGAAATCTCCAGCAAGCCTCAGCTTTTTACGGAGACGCAGCTGTGT ATGTTACCTCTGGGAGATAATGCGGGCAGTGGTCCAAGTCAAGGGCTGGGAAGAATTTCCCTTGCAAAAACCTGCGAGAACGACCAGAAA CTTA |

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| 2706132 | TAAGTCTCCTTCACCAGTATTGCCTTGTTGAAGCAGTTACCACAATATTATTTTCGATACCAGTATTCAATGATATGGCAGTTTATTACACAACC CTACTAGCTGGGAACCTCTATTGTGTTCAGTACAGTCATACCTTAGTTGNNNNNNNNNNNGGCTCCCAAACGCCGCAAACACAGAAGTGAG TGTTCCAGTTTGTGAATGTTTTTTGGAAGCCAAACATCTGGTGGGGCTTCTGCAGTTTTTTGATTGGGTGAAGGAAACTCCTGCAGCCAATCG GAAGCCACACCTTGGAAGTTAATTGTGGAGACTACTTA |
| 2709754 | TAAAAGATTACAGCAGGACAAAAGGGCAGGGGAGGTCTCACAATAATGCTGGACCAGCCTAAATTCAACAGCGACATGCCAATATGGACTT TGCCAGGACTGTATGCCCTTGAATGAGCAACAGGGTCACCTGCCACCAATCCNNNNNNNNNNNTATCATTAGGGACTATGACAACCTAGGAT GGGGGCAAGGTTGCCACTACAGAAATGTGGAAGAAGTGTGATGGGAGGCAGCTAAGAAGCAACAACAAGCTGTGGGTAGTGATGGACAG TCATCCACAGTAGCTCAAAAGTTTTTA |
| 2811108 | TAACTTAGTGTGAATGGAAGCAATTCTTCTGATGGCCTTGGAACCATCATTTGATGAACTACCATCAACTGTTGGAGCTGCTCTCATCAGAAGG ATCACTGTACATATGTTCAATTAGTCCTAGATGTCTCATAACGTGTGATGCTNNNNNNNNNNNTCATCATAGGGTTGAAAGTGGTGAGATGTTTG GATGCCAGTCAAATTGGTGACATTATTCCACCTTTTCATCAATAAATGGTGTGTTTGACTTCACTTTTTTTTTTTTTTTTTTTTGGAGTAACATACAA GATGTGCTTCTGTCAACTTTA |
| 2811212 | TAAACTTTTTATGTCCAACATCCTTTGCCCAATCTATCATAACAGATTTTACTTGTTTCATCTTTCATATGCCACTCCAGCAATAAATTATACATTT TGGAATATTCTTAGTCTTGGAACGCTTGGAACCTCTCACCTCGCTGGGCTNNNNNNNNNNNAGAAGGATGGGGGGAAGGGAGGAGGTTGA TGGTGTCTCTACCGCCATGCCCCACATCAATGCAGCTGAATGCGGCTGGGAAGGGGAGCGCAGGGCGGGAAGGGGGAACATGGAGGTGG CACAAGCAGATTGCTGACCCCTTA |
| 2847708 | TAAACAGCATGGGGGATAAAATCAAACCTGAGGAACCCACATTGAAGGCTTCACAGGGCTTCACAGCTCTCCCCAATCATCACCTCTG GAAATGACCATCCAAGTAGGACTGGAACAACCACAAAGCTGGGCTCCCTATCCNNNNNNNNNNNACTCCATTACATCAGCTCCTAAGGTGCA AGGATATGCACACCATTCACACTAACTAGCTCCAAGGCAATCTACCTCTGCAGACTACTGCTCTGTCTTGACAGTTTGAGCAATAGTATAG CCTCTCCCTTCCTGCTTTCTTA |
| 2876301 | TAAGCCCTGTATACCTGATGGAGTGTGTCTTCCCCATCATTCAGCCTGGACACTGAGGTCCAGCGCTGTCAGGGGTTACCCCCAGAGTAGC AGAGTGATCAGTGAGGCTGAGCAGGAGGACAAGATAGAGGAAGAGGAGTGGGNNNNNNNNNNGGGGGCTCTTGAGGCTCAGAGAGTC CCTGCATTGCCCAGGGAGAGAGAGGTGCCAGACCAGGGGGAGAGAGGGCGCCCTTTAGCAGTTCTGGAAGTGAAGGGGAGATCGTTCC CCCTTACCCCCAAGAGCGTAGGGAAGTTA |