```
                                ...(((((((..((((........)))).(((((....).)))))........(((((.
chr-LG03.trna86-Tyr-GTA    ---GGGUCUAUAACUUAG-UGGUAGAGCAUUUGACGGUAGAUUAAGAGG---UCACCCGU 53
chr-LG07.trna76-Tyr-ATA    ---GGGUUCAUAGCUCAG-UGGUAGAGCAUUUGACUAUAGAUCAAGAGG---UCACCGGU 53
chr-LG09.trna453-Tyr-GTA   ---GGGUUCAUAGCUCAG-UGGUAGAGCAUUUGACUAUAGAUCAAGAUG---UCACCGGU 53
chr-LG13.trna120-Tyr-ATA   ---GGGUCUUUAGCUCAG-UAGUAGAGUAUUUGACUAUAGAUCAAGAGG---UCAUCAGU 53
chr-LG18.trna7-Tyr-GTA     ---GGGUCCAUAGCUUAG-UGGUAGAGCAUUUGACUGUAGAUCAAGAGG---UCACUAGU 53
chr-LG13.trna119-Tyr-GTA   ---GGGUCCUUAGCUCAA-UGGUAUAGUAUUUGACUGUAGAUCAAGAGG---UCACCAGC 53
chr-LG13.trna114-Tyr-GTA   ---GGGUCCUUAGCUUAG-UGGUAGAGCAUUUGAUUGUAGAUUAAGAAG---UCACCAGU 53
chr-LG13.trna115-Tyr-GTA   ---GGGUCCUUAGCUCAU-UGGUAGAGCAUUUGAUUGUAGAUCAAGAGG---UCAUUAGU 53
chr-LG10.trna144-Tyr-GTA   ---GAGUCCAUAGUUCAA-UGAUAGAGCAUUUGAUUGUAGAUUAAGAGG---UCAAUAGU 53
chr-LG13.trna117-Tyr-GTA   ---GGGUCUU-AGCUUAG-UGGUAGAGCAUUUGACUGUAAAUCAAGAGU---UCACCAGU 52
chr-LG13.trna124-Tyr-GTA   ---GGGUCCUUAGCUUAG-UGGUAGAGCAUUUGACUGUAGAUUAAGAGG---UCACUAGU 53
chr-LG13.trna126-Tyr-GTA   ---GGGUCCUUAGCUUAG-UGGUAGAGCAUUUGACUGUAGAUUAAGAGG---UCACUAGU 53
chr-LG18.trna8-Tyr-ATA     ---AGGUUCAUAGCUUAG-UGGUAGAGUAUUUGAUUAUAAAUCAAGAGG---UCAUUGGU 53
chr-LG03.trna84-Tyr-ATA    ---GGAUCUAUAGCUCAA-UGGUAGAGCAUUUGACUAUAGAUCAAAAGG---UCACCAGU 53
chr-LG01.trna362-Tyr-GTA   ---GGAUCUAUAGCUAAG-UGGUAAAGCAUUUGACGGUAGAUCAAGAGG---UCAUUGGU 53
chr-LG04.trna12-Tyr-ATA    ---UGGUCCUUAGCUUAG-UGGUAGAGUAUUUGACUAUAGAUCAAGAGG---UCAUUAAA 53
chr-LG04.trna4-Tyr-GTA     AGGCGAUCUUUAGCUCAG-UGGUAGAGCAUUUGACUGUAGAUCAAGAGG---UCAUUGAU 56
chr-LG01.trna392-Tyr-ATA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUAUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna393-Tyr-ATA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUAUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna399-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGUAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna395-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna396-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna410-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG19.trna1-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna391-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna394-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna398-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG17.trna59-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG16.trna122-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna401-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG14.trna28-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna403-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG12.trna2-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG12.trna1-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG10.trna18-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG10.trna5-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG10.trna4-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna404-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna405-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG18.trna125-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna406-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna407-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna408-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna409-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG09.trna37-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG08.trna57-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG08.trna7-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna413-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG08.trna5-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna613-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG03.trna250-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG03.trna330-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG05.trna11-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG05.trna97-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna414-Tyr-GTA   ---CCGACCUUAGCUCAGUUGUUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna26-Tyr-GTA    ---CCGACCUUAGCUCAGAUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG09.trna193-Tyr-GTA   ---CCGACCUUAGCUCAGAUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG09.trna192-Tyr-GTA   ---CCGACCUUAGCUCAGAUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG09.trna194-Tyr-GTA   ---CCGACCUUAGCUCAGAUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UUGCUGGU 54
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chr-LG09.trna196-Tyr-GTA   ---CCGACCUUAGCUCAGAUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UUGCUGGU 54
chr-LG08.trna6-Tyr-GTA     ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UUGCUGGU 54
chr-LG14.trna29-Tyr-GTA    ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG14.trna27-Tyr-GTA    ---CCGACCUUAGCUCAGUUGAUAGAGUGGAGGACUGUAGAUCCUUAGG---UCGCCGGU 54
chr-LG01.trna612-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAAAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG01.trna397-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG05.trna104-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCAGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG09.trna197-Tyr-GTA   ---CCGACCUUAGCUCAGAUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG09.trna191-Tyr-GTA   ---CCGCCCUUAGCUCAGAUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCACUGGU 54
chr-LG01.trna25-Tyr-GTA    ---CCAACCUUAGCUCAGUUGGUAGAGCGGAGAACUGUAGAUCCUUAGG---UCACUGGU 54
chr-LG01.trna411-Tyr-GTA   ---CCGACCUUAGCUCAGUUGAUAGAGCGGAGGACUGUAGAUCCUUAGA---UGGCUGGU 54
chr-LG01.trna418-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGACCCUUAGG---UCGCUGGU 54
chr-LG01.trna400-Tyr-GTA   ---UCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UUGCAGGU 54
chr-LG01.trna402-Tyr-GTA   ---UCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG03.trna339-Tyr-GTA   ---CCGAUCUUAGCUUAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGUUGGU 54
chr-LG01.trna415-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---CCGCUGGU 54
chr-LG01.trna416-Tyr-GTA   ---CCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGUUUGCAAGG---UUGCUGGU 54
chr-LG01.trna417-Tyr-GTA   ---CUGACUUUAGCUCAGUUGGUAGAGCAGAGGACUGUAAAUCCUUAGG---UUGCCGGU 54
chr-LG01.trna420-Tyr-GTA   ---CCAACCUUAGCUCAGUUGAUAGAGUGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 54
chr-LG05.trna12-Tyr-GTA    --UCCGACCUUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGG---UCGCUGGU 55
chr-LG01.trna28-Tyr-ATA    ---CCAACCUUAGCUCUGAUGGUAGAGCGGAGGACUAUAGAUCCAUAGG---UCGUUGGU 54
chr-LG18.trna18-Tyr-GTA    ---UCGACCUUAGCUCAGUUGGUAAAGCGAAGGACUGUACAUCUUUAGG---UCACUAGU 54
chr-LG18.trna17-Tyr-GTA    ---UUGAACUUAGUUCAGUUGGUAGAGCGGAGGAUUGUAGAUCCUUAGG---UCACUGGU 54
chr-LG18.trna19-Tyr-GTA    --CCGAUCUU-AGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUACU---UCACUAGU 54
chr-LG02.trna163-Tyr-ATA   ---CUGACCUUAGUUCAG-UGGUAGAGCGGAGGACUAUAGAUCCUUAGG---UUGCUAUU 53
chr-LG02.trna164-Tyr-ATA   AGUCCAACCUUAGCUCAGUUGGUAGAGCGGAGGACUAUAGAUCCUUAAU---UCGCUGGU 57
chr-LG03.trna338-Tyr-GTA   -------CCUUACCUCAGUUGGUAGAGAGGAGGACGGUAGAUCUUUAGG---UCGCUGGU 50
chr-LG04.trna101-Tyr-GTA   ---GUGGGGGUAGUUUAGUGGUAAGAAUUCCACAUUGUAGUCGUGGAGA----CUUGGGU 53
chr-LG07.trna217-Tyr-GTA   ---GUGGUUGUAGUUUAGUGGUGAGAAUUCCACGUUGUAGCCAUGGAGA----CCUGGUC 53
chr-LG09.trna74-Tyr-GTA    ---GUGGCUGUAGUUUAGUGGUGAGAAUUCAACGUUGUAGCCGUGGAGA----UCUGGAC 53
chr-LG19.trna94-Tyr-ATA    ---GUGGGUGUGUCGGAGUGGUUAUCGGGUAUGACUAUAAAUCAUGUGGGCUUUGCCCGU 57
chr-LG06.trna43-Tyr-GTA    ---GGGUCGAUGCGAGAGCGGUUAAUGUGUAGGGACUGUAAAUGGCAA---UAUGUCUAC 54
chr-LG15.trna155-Tyr-GTA   ---GGGUCCAUAGCUCAG-UGGUAGAGCAUUUGACUGUAGAU----------CCAGU 43
chr-LG10.trna164-Tyr-GTA   ------UCAAUAGCUCAA-UGGUAGAGCAUUUAGUUGUAGAUGAAGAAG---UCAUCAGU 50
                           .........10........20........30........40........50.........
                                                                                        
                                ......)).....))))..)))))))..
chr-LG03.trna86-Tyr-GTA    UUAAACCU----GGU--UAGGUCC-C 72
chr-LG07.trna76-Tyr-ATA    UCGAACUU----GGU--UGGGCCU-U 72
chr-LG09.trna453-Tyr-GTA   UCAAACUC----GGU--UGAGCUC-U 72
chr-LG13.trna120-Tyr-ATA   UCAAACUU----GGU--AAGGCCC-U 72
chr-LG18.trna7-Tyr-GTA     UCGAACCC----GAU--UGGGCCC-U 72
chr-LG13.trna119-Tyr-GTA   UCGAACCU----AGUAGAGGACCC-U 74
chr-LG13.trna114-Tyr-GTA   UUGAACCU----CGU--AGGGCCC-U 72
chr-LG13.trna115-Tyr-GTA   UUGAACCU----GGU--AGGGCCC-U 72
chr-LG10.trna144-Tyr-GTA   UUGAACUU----GGU--UGGGCCC-U 72
chr-LG13.trna117-Tyr-GTA   UUGAACCU----AGU--AAGGCCC-U 71
chr-LG13.trna124-Tyr-GTA   UCAAACCUUUACCUGGCAGGGCCC-U 78
chr-LG13.trna126-Tyr-GTA   UCAAACCUUUACCUGGCAGGGCCC-U 78
chr-LG18.trna8-Tyr-ATA     UUGAACCU----GAU--UGGGCUC-U 72
chr-LG03.trna84-Tyr-ATA    UUUAACCA----GGU--UGGGCCC-U 72
chr-LG01.trna362-Tyr-GTA   UCGAACCC----AGU--UGGGCCC-U 72
chr-LG04.trna12-Tyr-ATA    UCGAACUU----GGU--AUGACCC-U 72
chr-LG04.trna4-Tyr-GTA     UUGAACCC----GAU--AGGGCCC-U 75
chr-LG01.trna392-Tyr-ATA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna393-Tyr-ATA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna399-Tyr-GTA   UCAAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna395-Tyr-GTA   UCAAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna396-Tyr-GTA   UCAAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna410-Tyr-GTA   UCAAAUCC----GGC--AGGUUGG-A 73
chr-LG19.trna1-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna391-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna394-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna398-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG17.trna59-Tyr-GTA    UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG16.trna122-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna401-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG14.trna28-Tyr-GTA    UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna403-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG12.trna2-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG12.trna1-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG10.trna18-Tyr-GTA    UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG10.trna5-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG10.trna4-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna404-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna405-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG18.trna125-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna406-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna407-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna408-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna409-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG09.trna37-Tyr-GTA    UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG08.trna57-Tyr-GTA    UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG08.trna7-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna413-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG08.trna5-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna613-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG03.trna250-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG03.trna330-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG05.trna11-Tyr-GTA    UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG05.trna97-Tyr-GTA    UCGAAUCC----GGC--AAGUCGG-A 73
chr-LG01.trna414-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna26-Tyr-GTA    UCAAAUCC----GGC--AGGUCGG-A 73
chr-LG09.trna193-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG09.trna192-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG09.trna194-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG09.trna195-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG09.trna196-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG08.trna6-Tyr-GTA     UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG14.trna29-Tyr-GTA    UCGAAUCC----GGC--AGGUCAG-A 73
chr-LG14.trna27-Tyr-GTA    UUGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna612-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna397-Tyr-GTA   UCUAAUCC----GGC--AGGUCGG-A 73
chr-LG05.trna104-Tyr-GTA   UCGAAUCC----GAC--AGGUCGG-A 73
chr-LG09.trna197-Tyr-GTA   UUGAAUCC----GGC--AGGUCGG-A 73
chr-LG09.trna191-Tyr-GTA   UCGAAUCC----GGU--AGGUCGG-A 73
chr-LG01.trna25-Tyr-GTA    UCGAAUCC----GGU--AGGUUGG-A 73
chr-LG01.trna411-Tyr-GTA   UCAAAUCC----GGU--AGGUCGG-A 73
chr-LG01.trna418-Tyr-GTA   UUGAAUUC----GGC--AGGUCCG-A 73
chr-LG01.trna400-Tyr-GTA   UCUAAUCC----GGC--AGGUCGGAA 74
chr-LG01.trna402-Tyr-GTA   UCGAAUCC----GGC--AGGUCGGAA 74
chr-LG03.trna339-Tyr-GTA   UCGAAUCC----AGC--AGGUCGA-A 73
chr-LG01.trna415-Tyr-GTA   UCGAAUCC----GGA--AUGUCGG-A 73
chr-LG01.trna416-Tyr-GTA   UCGAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna417-Tyr-GTA   AUCAAUCC----GGC--AGGUCGG-A 73
chr-LG01.trna420-Tyr-GTA   UCGAAUCC----GAC--AGGUCGG-A 73
chr-LG05.trna12-Tyr-GTA    UCGGAUCC----GGC--GGGUCGGAA 75
chr-LG01.trna28-Tyr-ATA    UCAAAUCC----AGC--AGGUUGG-A 73
chr-LG18.trna18-Tyr-GTA    UCAAAUCC----GGU--AGGUUGG-A 73
chr-LG18.trna17-Tyr-GTA    UCGAAUCC----GGU--AGGUUGGAU 74
chr-LG18.trna19-Tyr-GTA    UCAAAUUC----GGU--AGGUUCG-A 73
chr-LG02.trna163-Tyr-ATA   UCAAAUCC----GAC--AGGUCAA-A 72
chr-LG02.trna164-Tyr-ATA   UUAAAUCC----CGC--UGGUCCG-- 75
chr-LG03.trna338-Tyr-GTA   UUGAAUCC----GAC--AAGAUGG-G 69
chr-LG04.trna101-Tyr-GTA   UUGAAUCU----CAA--CAGCCAC-A 72
chr-LG07.trna217-Tyr-GTA   UUGAAUCC----CAG--CAGCCAC-A 72
chr-LG09.trna74-Tyr-GTA    UUGAAUCC----CAU--CAGCCAC-A 72
chr-LG19.trna94-Tyr-ATA    GCAGGUUCGAAUCCUGCCGCUCAC-G 82
chr-LG06.trna43-Tyr-GTA    GCUGGUUCAAAUCCAGCUCGGCCC-A 79
chr-LG15.trna155-Tyr-GTA   UUGAACCU----GGU--UGGACCC-U 62
chr-LG10.trna164-Tyr-GTA   UCAAACUU----GGU--UCGGCAAAA 70
                           .........70........80.....
```