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                                (((((((..((((.........)))).(((((((...)))))))).....(((((.......
chr-3.trna9-Thr-TGT             ACUCGCUUAGCUCAG-AGGUUAGAGCAUCGCACUUGUAAUGCGAUGGUCAUCGGUUCGAU 59
chr-12.trna43-Thr-TGT           GCCCGCUUAGCUCAG-AGGUUAGAGUAUCGCAUUUGUAAUGCGAUGGUCAUUGGUUCGAU 59
chr-17.trna36-Thr-TGT           GCCCGCUUAGCUCAG-AGGUUAGGGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUCGAU 59
chr-16.trna52-Thr-TGT           GCUCGCUUAGCUCAG-AGGUUAGAGCAUCGCAUUUGUAAUGCGAUGGUCAUCGGUUCGAU 59
chr-16.trna15-Thr-AGT           ACU---GUAGCUCAGUUGGUUAGAGCACUCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 57
chr-25.trna20-Thr-AGT           GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUAAGUUCGAC 60
chr-16.trna11-Thr-AGT           GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 60
chr-24.trna10-Thr-AGT           GCUUUCGUAGCUCAGUUGGUUAGAGCACCUGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 60
chr-2.trna70-Thr-AGT            GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-16.trna13-Thr-AGT           GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-25.trna15-Thr-AGT           GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-16.trna14-Thr-AGT           GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-21.trna44-Thr-AGT           GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-22.trna21-Thr-AGT           GCUUUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-24.trna6-Thr-AGT            GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-23.trna11-Thr-AGT           GCUCUCGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-22.trna45-Thr-AGT           GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-22.trna46-Thr-AGT           GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-5.trna20-Thr-AGT            GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-6.trna31-Thr-AGT            GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-18.trna54-Thr-AGT           GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-19.trna71-Thr-AGT           GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-22.trna47-Thr-AGT           GCUCUUGUAGCUCAGUUGGUUAGAGCAUCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-20.trna2-Thr-AGT            GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAU 60
chr-7.trna22-Thr-AGT            GCUCUUGUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAU 60
chr-12.trna9-Thr-AGT            GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUCAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-10.trna19-Thr-AGT           GCUUUCAUAGCUCAGUUGGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCGAC 60
chr-20.trna24-Thr-AGT           GCUUUUAUAGCUCAGUUGGUUAGAGCACCCGCUUAGUAAGCGGGGGUGUUAAGUUCGAC 60
chr-4.trna46-Thr-AGT            GCUCUCAUAGCUC----GGUUAGAGCACCCGUUUAGUAAGCGGGAGGUCUUGAGUUCAAC 56
chr-26.trna36-Thr-GGT           GCCCUUUUAACUCAGU--GGUAGAGUAACGCCAUGGUAAGGCAUAAGUCAUCGGUUCAAA 58
chr-10.trna93-Thr-GGT           GCCCUUUUAACUCAGU--GGUAGAGUAAUGCCAUGGUAAGGCGUAAGUCAUCGAUUCAAA 58
chr-1.trna49-Thr-GGT            GCCCUUUUAACUCAGU--GGUAGAGUAACGCCAUGGUAAGGCAUAAGUCAUCAGUUCAAA 58
chr-1.trna48-Thr-GGT            GCCCUUUUAACUCAGU--GGUAGAGUAACGCCAUGGUAAGGCAUAAGUCAUCAGUUCAAA 58
chr-19.trna108-Thr-GGT          GCCCUUUUAACCCAGU--GGUAGAGUAACGCCAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-10.trna84-Thr-GGT           GCCCUUUUAACUCAGU--GGUAGAGUAACGCAAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-10.trna91-Thr-GGT           GCCCUUUUAACUCAGU--GGUAGAGUAACGCUAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-15.trna33-Thr-GGT           GCCCUUUUAACUCAGU--GGUAGGGCAACGCCAUGGUAAGGCGUAAGUCAUCGAUUCAAA 58
chr-20.trna28-Thr-GGT           GCCUUUUUAACUCAAU--GGUAGAGUAACGCCAUGGUAAGGCGUAAGUCAUCGGUUCAAA 58
chr-7.trna11-Thr-CGT            GCCUCUGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-12.trna16-Thr-CGT           GCCUCUGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-9.trna66-Thr-CGT            GCCUUCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-20.trna65-Thr-CGT           GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-12.trna22-Thr-CGT           GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-15.trna14-Thr-CGT           GCCUCCGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGCGAAAGGUCGCGAGUUCGAU 58
chr-17.trna57-Thr-CGT           GCCUUUGUAGCAUAGU--GGUAGUGCGUUCGCUUCGUAAGUGAAAGGUCACGAGUUCGAU 58
chr-22.trna59-Thr-GGT           UCCUCAGUAGCUCAAC--GGUAGAGUAUUCGGCUGGUAACUGACUGGUCGUAGGUUCAAA 58
chr-5.trna17-Thr-TGT            GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGCCUGUAGUUCGAU 58
chr-24.trna47-Thr-TGT           GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-19.trna95-Thr-TGT           GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-19.trna98-Thr-TGT           GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-24.trna46-Thr-TGT           GCCCUUAUAGCUCAGU--GGUAGAGCGCCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-15.trna18-Thr-TGT           GUCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUUAAGGUCUGUAGUUCGAU 58
chr-11.trna15-Thr-TGT           GCCCGUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCUGUAGUUCGAU 58
chr-5.trna25-Thr-TGT            GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-5.trna39-Thr-TGT            GCCCCUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-9.trna9-Thr-TGT             GCCCUUAUAGCUCAGU--GGUAGAGCGUCAGUCUUGUAAACUGAAGGUCCGUAGUUCGAU 58
chr-5.trna47-Thr-GGT            AAU----UACCUCAGU--GGUAGAGUAACGCCAUGGUAAGGCGUAAGUCAUCGGUUCAAA 54
                                .........10.........20.........30.........40.........50.........
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                                .)))))))))))).
chr-3.trna9-Thr-TGT             GCCGAUAGCCGGCU 73
chr-12.trna43-Thr-TGT           UUCGAUAGCUGGCU 73
chr-17.trna36-Thr-TGT           UCCAAUAGCCGGCU 73
chr-16.trna52-Thr-TGT           UCCGAUAGCCGACU 73
chr-16.trna15-Thr-AGT           UCUCAACAAGAGCA 71
chr-25.trna20-Thr-AGT           UCUCAACGACAGCA 74
chr-16.trna11-Thr-AGT           UCUCAACAAGAGCA 74
chr-24.trna10-Thr-AGT           UCUCAAUGAAAGCA 74
chr-2.trna70-Thr-AGT            UCUCAACGAAAGCA 74
chr-16.trna13-Thr-AGT           UCUCAACAAGAGCA 74
chr-25.trna15-Thr-AGT           UCUCAACGAAAGCA 74
chr-16.trna14-Thr-AGT           UCUCAACAAGAGCA 74
chr-21.trna44-Thr-AGT           UCUCAACGAGAGCA 74
chr-22.trna21-Thr-AGT           UCUCAACGAAAGCA 74
chr-24.trna6-Thr-AGT            UCUCAACGAGAGCA 74
chr-23.trna11-Thr-AGT           UCUCAACGAGAGCA 74
chr-22.trna45-Thr-AGT           UCUCAACAAGAGCA 74
chr-22.trna46-Thr-AGT           UCUCAACAAGAGCA 74
chr-5.trna20-Thr-AGT            UCUCAAUGAAAGCA 74
chr-6.trna31-Thr-AGT            UCUCAAUGAAAGCA 74
chr-18.trna54-Thr-AGT           UCUCAAUGAAAGCA 74
chr-19.trna71-Thr-AGT           UCUCAAUGAAAGCA 74
chr-22.trna47-Thr-AGT           UCUCAACAAGAGCA 74
chr-20.trna2-Thr-AGT            UCUCAACAAGAGCA 74
chr-7.trna22-Thr-AGT            UCUCAAUAAGAGCA 74
chr-12.trna9-Thr-AGT            UCUCAAUGAAAGCA 74
chr-10.trna19-Thr-AGT           UCUGAAUGAAAGCA 74
chr-20.trna24-Thr-AGT           UCUCAUUAAAAGCA 74
chr-4.trna46-Thr-AGT            UCUCAACGAGAGCA 70
chr-26.trna36-Thr-GGT           UCUGAUAAGGGGCU 72
chr-10.trna93-Thr-GGT           UCCGAUAAGGGGCU 72
chr-1.trna49-Thr-GGT            UUCGAUAAAGGGCU 72
chr-1.trna48-Thr-GGT            UUCGAUAAAGGGCU 72
chr-19.trna108-Thr-GGT          UCCGAUAAGGGGCU 72
chr-10.trna84-Thr-GGT           UCCGAUAAGGGGCU 72
chr-10.trna91-Thr-GGT           UUCAAUAAGGGGCU 72
chr-15.trna33-Thr-GGT           UCCGAUAAGGGGCU 72
chr-20.trna28-Thr-GGT           UCUGAUAAGGGGUCU 72
chr-7.trna11-Thr-CGT            CCUCGCCAGGGGCU 72
chr-12.trna16-Thr-CGT           CCUCGCCAGGGGCU 72
chr-9.trna66-Thr-CGT            CCUCGCCGAGGGCU 72
chr-20.trna65-Thr-CGT           CCUCGCCGGGGGCU 72
chr-12.trna22-Thr-CGT           CCUCGCCGGGGGCU 72
chr-15.trna14-Thr-CGT           CCUCGCUGGGGGCU 72
chr-17.trna57-Thr-CGT           CUUCGUCAGAGGCU 72
chr-22.trna59-Thr-GGT           UCCUACUUGAGGAG 72
chr-5.trna17-Thr-TGT            CCUGCAUGGGGGCA 72
chr-24.trna47-Thr-TGT           CCUGCAUGGGGGCA 72
chr-19.trna95-Thr-TGT           CCUGCAUGGGGGCA 72
chr-19.trna98-Thr-TGT           CCUGCAUGGGGGCA 72
chr-24.trna46-Thr-TGT           CCUGCAUGGGGGCA 72
chr-15.trna18-Thr-TGT           CCUGCAUAGGGGCA 72
chr-11.trna15-Thr-TGT           CCUGCAUGGGGGCA 72
chr-5.trna25-Thr-TGT            CCUGCGUGGGGGCA 72
chr-5.trna39-Thr-TGT            CCUGCGUGGGGGCA 72
chr-9.trna9-Thr-TGT             CCUGCGUGAGGGCA 72
chr-5.trna47-Thr-GGT            UCCGAUAAGGGGCU 68
                                .........70...
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