```
                          ((..(((((..((((.........)))).(((((.......)))))).........((((
chr-8.trna298-Pro-TGG     AG--GGAUGUAGCGCAGUUUGGU-AGUGCGUUUGUUUUGGGUACAAAAUGU----CACUG 53
chr-3.trna356-Pro-TGG     AG--GGGUGCAGCACAGCUUGGU-AGCACGUUUGUUUUGGGUACAAAACGU----CACAG 53
chr-3.trna32-Pro-TGG      AG--GGAUGUAGCGCAGCUUGGU-AGCGCGUUUGUUUUGGGUACAAAAUGU----CACAG 53
chr-4.trna521-Pro-TGG     AG--GGAUGUAGCGCAGCUUGGU-AGCGCGUUUGUUUUGGGUACAAAAUGU----CACAG 53
chr-12.trna129-Pro-TGG    AG--GGAUGUAGCGCAGCUUGGU-AGCGCGUUUGUUUUGGGUACAAAAUGU----CACAG 53
chr-3.trna373-Pro-TGG     AG--GGAUGUAGCGCAGCUUGGU-AGUGCGUUUGUUUUGGGUACAAAAUGU----CACAG 53
chr-7.trna156-Pro-TGG     UG--GGAUGUAGCGCAGCUUGGU-AGCGCGUUUGUUUUGGGUACAAAAUGU----CACAG 53
chr-9.trna333-Pro-TGG     AG--GGAUGUAGCGCAGCUUGGU-AGCGCGUUUGUUUUGGAUACAAAAUGU----CACAG 53
chr-14.trna191-Pro-TGG    AG--GGAUGUAGCGCAGCUUGGU-AGCGCAUUUGUUUUGGGUACAAAAUGU----CACAG 53
chr-11.trna177-Pro-TGG    AG--GGAUGUAGCGCAGCUUGGU-AGAGCAUUUGUUUUGGGUACAAAAUGU----CACAG 53
chr-2.trna328-Pro-TGG     AA--GGAUGUAGCGCAGCUUGGU-AGCGUGUUUGCUUUUGGGUACAAAACGU----CACGG 53
chr-10.trna16-Pro-TGG     UG--AGGUGUAGUGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAAGGGGC----CAUAG 54
chr-12.trna158-Pro-TGG    CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUAUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-4.trna224-Pro-TGG     CG--AGGUGUAGCACAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-6.trna748-Pro-TGG     CG--AGGUGUAGCACAUUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-4.trna646-Pro-TGG     CG--AGGUGUAGCACAGUCUGGUCAGCGCAUUUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-1.trna530-Pro-TGG     CG--AGGUGUAGCGCAGACUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-6.trna127-Pro-TGG     CG--AGGUGUAGCGCAGUCUAGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-8.trna80-Pro-TGG      CG--AGGUGUAGCGCAGUCUAGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-12.trna265-Pro-TGG    CG--AGGUGUAGCGCAGUCUAGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-1.trna310-Pro-TGG     CG--AGGUGUAGCGCAGUUUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-2.trna116-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-6.trna19-Pro-TGG      CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-2.trna120-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-1.trna28-Pro-TGG      CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-3.trna88-Pro-TGG      CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-3.trna210-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-14.trna443-Pro-TGG    CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-4.trna664-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-5.trna205-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-5.trna292-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-5.trna447-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-6.trna66-Pro-TGG      CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-7.trna405-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-8.trna346-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-14.trna534-Pro-TGG    CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-12.trna468-Pro-TGG    CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-9.trna529-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUAUAGAGGGC----CAUAG 54
chr-3.trna183-Pro-TGG     CG--AGGUGUAGUGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-7.trna44-Pro-TGG      CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-8.trna47-Pro-TGG      CG--AGGUGUAGCGUAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-10.trna449-Pro-TGG    CG--AGGUGUAGCGUAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-7.trna238-Pro-TGG     UG--AGGUGUAGCGUAGUCUGGUCAACGCAUCUGUUAUGGGUACAGAGGGC----CAUAG 54
chr-7.trna267-Pro-TGG     UG--AGGUGUAGCGUAGUCUGGUCAACGCAUCUGUUAUGGGUACAGAGGGC----CAUAG 54
chr-7.trna279-Pro-TGG     UG--AGGUGUAGCGUAGUCUGGUCAACGCAUCUGUUAUGGGUACAGAGGGC----CAUAG 54
chr-10.trna142-Pro-TGG    CG--AGGUGUAGCGCGGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-12.trna157-Pro-TGG    CA--AGGUGUAGCGCAGUCUGAUCAGCGCAUCUGUCUUGGGUACAGAGGGC----CAUAG 54
chr-6.trna437-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCACAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-11.trna55-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCACAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-1.trna491-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGGGCAUCUGUUUUGGGUAUAGAGGGC----CAUAG 54
chr-10.trna469-Pro-TGG    CA--ACGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-13.trna237-Pro-TGG    CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUAUUUUGGGUACAGAGGGC----CUUAG 54
chr-4.trna211-Pro-TGG     CG--AGGUGUAGCGCAGUGUGGUCAGCGCAUCUGUUUUGGGUAUAGAGGGC----CAUAG 54
chr-12.trna156-Pro-TGG    AG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGGUUUGGGUACAGAGGGC----CAUAG 54
chr-7.trna259-Pro-TGG     UG--AGGUGUAGCAUAGUCUGGUCAACGCAUCUGUUAUGGGUACAGAGGGC----CAUAG 54
chr-2.trna198-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUAUUUUGGGUACAGAGGGC----AAUAG 54
chr-4.trna120-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAGCGCAUCUGUUUUGGGUACAGACGGC----CAUAG 54
chr-1.trna498-Pro-TGG     CG--AGGUGUAGCACAGUCUGGUCAGCGCAUAUGUUUUGGGUACAGAGGGC----CAUAG 54
chr-5.trna111-Pro-TGG     CG--AGGUGUAGCGCAGUCUGGUCAAUGCAUCUAUUUUGGGUACAAGGGC----CAUAG 54
chr-7.trna248-Pro-TGG     UG--AGGUGUAGCGUAGUCUGGUCAACGCAUAUGUUAUGGGUACAGAUGGC----CAUAG 54
chr-7.trna291-Pro-TGG     UG--AGGUGUAGCGUAGUCUGGUCAACGCAUCUGUUAUGGGUAUAGAGGGCCAUGCAUAG 58
chr-13.trna496-Pro-TGG    GG--GCAUUUGGUAUAG--UGGU-AGGAUUCUUGCUUUGGGUGCGAGAGGU----CUUGA 51
chr-10.trna217-Pro-TGG    GG--GCGUUUUGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGUGAGGU----CGCGA 51
chr-14.trna451-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna550-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna36-Pro-TGG     GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna34-Pro-TGG     GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna32-Pro-TGG     GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna619-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna618-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna552-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna549-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna94-Pro-TGG     GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna548-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna551-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna505-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna10-Pro-TGG     GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna509-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna8-Pro-TGG      GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna6-Pro-TGG      GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-9.trna234-Pro-TGG     GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-9.trna259-Pro-TGG     GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-13.trna524-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna442-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-12.trna202-Pro-TGG    GG--GCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CCCGA 51
chr-3.trna578-Pro-TGG     GG--GCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CCCGA 51
chr-11.trna198-Pro-TGG    GG--GCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CCCGA 51
chr-10.trna188-Pro-TGG    GG--GCGUUCGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna450-Pro-TGG    GG--GCAUUUGGUCUAG--UGGU-AGGAUUCUCGCUUUGGGUGCGAGAGGU----CCCGA 51
chr-14.trna128-Pro-TGG    GG--GCAUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGUGAGAGGU----CCUGA 51
chr-10.trna204-Pro-TGG    GG--GCGUUUGGUCUAG--UGGU-AUGAUUCUCGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-9.trna239-Pro-TGG     GG--GUGUUUGGUCUAG--UAGU-AUGAUUCUUGCUUUGGGUGCGAGAGGU----CGCGA 51
chr-14.trna371-Pro-TGG    GG--GCAUUUGGCCUAG--UGGU-AUGAUUCUCGCUUUGGGUGUGAGAGGU----CCCGA 51
chr-9.trna260-Pro-TGG     GG--GCGUUUGGUCUAC--UGAU-AUGAUUCUUGCUUUGGGUGCGAGAGGU----CAUGA 51
chr-4.trna610-Pro-TGG     GG--GCAUUUGGUCUAA--UGAU-AUGAUUCUCGCUUUGGCUGUGAGAGGC----CCCGA 51
chr-14.trna433-Pro-TGG    GG--GUGUUUGGUCUAG--UGGU-ACGAUUCUCGCUUUGGGUGUGAGAGGU----CGCGA 51
chr-3.trna569-Pro-TGG     GGCUGCGUUUGCUCUAG--UGGU-AUGAUUCUUGCUUUGGGUGCGAGAGGC----CGCGA 53
chr-6.trna365-Pro-TGG     GG--CCUAUUAGCUCAG-CUGGUUA--GAUCGUGGU----GGCCAAGGU-----CGCAG 45
                          .........10........20........30........40........50.........

                          (.......)))))))..))))))..
chr-8.trna298-Pro-TGG     GUUCAAAUCCUGUCA-UCUCUA- 74
chr-3.trna356-Pro-TGG     GUUCAAAUCCUGUCA-UCCCUA- 74
chr-3.trna32-Pro-TGG      GUUCAAAUCCUGUCA-UCCCUA- 74
chr-4.trna521-Pro-TGG     GUUCAAAUCCUGUCA-UCCCUA- 74
chr-12.trna129-Pro-TGG    GUUCAAAUCCUGUCA-UCCCUA- 74
chr-3.trna373-Pro-TGG     GUUCAAAUCCUGUCA-UCCCUA- 74
chr-7.trna156-Pro-TGG     GUUCAAAUCCUGUCA-UCCCUA- 74
chr-9.trna333-Pro-TGG     GUUUAAAUCCUGUCA-UCCCUA- 74
chr-14.trna191-Pro-TGG    GUUCAAAUCCUGUCA-UCCCUA- 74
chr-11.trna177-Pro-TGG    GUUCAAAUCCUGACA-UCCCUA- 74
chr-2.trna328-Pro-TGG     GUUCAAAUCCUAUCA-UCCCUG- 74
chr-10.trna16-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-12.trna158-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-4.trna224-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-6.trna748-Pro-TGG     GUUCGAAUCCUAUCA-CCUUGA- 75
chr-4.trna646-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-1.trna530-Pro-TGG     GUUCGAAUCAUGUCA-CCUUGA- 75
chr-6.trna127-Pro-TGG     GUUCGAAUCAUGUCA-CCUUGA- 75
chr-8.trna80-Pro-TGG      GUUCGAAUCCUGUCA-CCUUGA- 75
chr-12.trna265-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-1.trna310-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-2.trna116-Pro-TGG     GUUCGAAUCUUGUCA-CCUUGA- 75
chr-6.trna19-Pro-TGG      GUUCGAAUCUUGUCA-CCUUGA- 75
chr-2.trna120-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-1.trna28-Pro-TGG      GUUCGAAUCCUGUCA-CCUUGA- 75
chr-3.trna88-Pro-TGG      GUUCGAAUCCUGUCA-CCUUGA- 75
chr-3.trna210-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-14.trna443-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-4.trna664-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-5.trna205-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-5.trna292-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-5.trna447-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-6.trna66-Pro-TGG      GUUCGAAUCCUGUCA-CCUUGA- 75
chr-7.trna405-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-8.trna346-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-14.trna534-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-12.trna468-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-9.trna529-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-3.trna183-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-7.trna44-Pro-TGG      GUUCAAAUCCUGUCA-CCUUGA- 75
chr-8.trna47-Pro-TGG      GUUCGAAUCCUGUCA-CCUUGA- 75
chr-10.trna449-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-7.trna238-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-7.trna267-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-7.trna279-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-10.trna142-Pro-TGG    GUUUGAAUCCUGUCA-CCUUGA- 75
chr-12.trna157-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-6.trna437-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-11.trna55-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-1.trna491-Pro-TGG     GUUCGAAUCUUGUCA-CCUUGA- 75
chr-10.trna469-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-13.trna237-Pro-TGG    GUUCGAAUCCUGUCA-CCUUGA- 75
chr-4.trna211-Pro-TGG     GUUCGAAUCCUAUCA-CUUUGA- 75
chr-12.trna156-Pro-TGG    GUUCGAAUCAUGUCA-CCUUGA- 75
chr-7.trna259-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 75
chr-2.trna198-Pro-TGG     GUUCGAAUCAUGUCA-CCUUGA- 75
chr-4.trna120-Pro-TGG     GUUCGAA-CCUGUCA-CCUUGA- 74
chr-1.trna498-Pro-TGG     GUUUGAAUCAUGUCA-CCUUGA- 75
chr-5.trna111-Pro-TGG     GUUCAAAUCCUGUCA-CCUUGA- 75
chr-7.trna248-Pro-TGG     GUUCAAAUCCUGUCA-CCUUCA- 75
chr-7.trna291-Pro-TGG     GUUCGAAUCCUGUCA-CCUUGA- 79
chr-13.trna496-Pro-TGG    GUUCAAUUCUUGGAA-UGCCCC- 72
chr-10.trna217-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna451-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna550-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna36-Pro-TGG     GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna34-Pro-TGG     GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna32-Pro-TGG     GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna619-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna618-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna552-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna549-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna94-Pro-TGG     GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna548-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna551-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna505-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna10-Pro-TGG     GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna509-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna8-Pro-TGG      GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna6-Pro-TGG      GUUCGAUUCUCGCAA-CGCCCC- 72
chr-9.trna234-Pro-TGG     GUUCGAUUCUCGCAA-CGCCCC- 72
chr-9.trna259-Pro-TGG     GUUCGAUUCUCGCAA-CGCCCC- 72
chr-13.trna524-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna442-Pro-TGG    GUUCGAUUUUCGCAA-CGCCCC- 72
chr-12.trna202-Pro-TGG    GUUCGAUUCUCGGAA-UGCCCC- 72
chr-3.trna578-Pro-TGG     GUUCGAUUCUCGGAA-UGCCCC- 72
chr-11.trna198-Pro-TGG    GUUCGAUUCUCGGAA-UGCCCC- 72
chr-10.trna188-Pro-TGG    GUUCGAUUCUCGCAA-CGCCCC- 72
chr-14.trna450-Pro-TGG    GUUCAAUUCUCGGAA-UGCCCC- 72
chr-14.trna128-Pro-TGG    GUUCAAUUCUCGGAA-UGCCCC- 72
chr-10.trna204-Pro-TGG    GUUCGAUUCUGGCAA-CGCCCC- 72
chr-9.trna239-Pro-TGG     GUUCGAUUUUCGCAA-CGCCCC- 72
chr-14.trna371-Pro-TGG    GUUCAACUCUCAGAA-UGCCCC- 72
chr-9.trna260-Pro-TGG     GUUCGAUUCUCGCAAUUGCCCC- 73
chr-4.trna610-Pro-TGG     GUUCAAUUCUCGAAG-UGCCUCA 73
chr-14.trna433-Pro-TGG    CUUUGAAACUCGCAA-CACGCCU 73
chr-3.trna569-Pro-TGG     UUUCAAUUCUCGCAA-CGCCCC- 74
chr-6.trna365-Pro-TGG     GUUGGAGACCUGCAU-GGGCCA- 66
                          .........70........80..
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