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                         (((((((((.(......).))((.(((((((.......)))))))..))))))).....
chr-1.trna69-Lys-TTT     GCCAUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGCGGUCGUGGGUUCGAUC 59
chr-1.trna75-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-5.trna34-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-5.trna31-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-6.trna83-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-5.trna73-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-4.trna42-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-3.trna27-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-5.trna90-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-6.trna4-Lys-TTT      GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-3.trna115-Lys-TTT    GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-7.trna34-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-5.trna56-Lys-TTT     GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-6.trna74-Lys-TTT     GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGCGGUCGUGGGUUCGAUU 60
chr-3.trna82-Lys-TTT     GCCGUCUUAGCUCAGCCGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-2.trna53-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-3.trna15-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGCCGUGGGUUCGAGC 60
chr-3.trna16-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-3.trna103-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-3.trna104-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-3.trna124-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-6.trna9-Lys-CTT      GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-4.trna23-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna14-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna89-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna15-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-4.trna34-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAAC 60
chr-6.trna50-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-3.trna13-Lys-CTT     GCCCCUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUUACCUUGUGGUCGUGGGUUCGAGC 60
chr-1.trna56-Lys-CTT     GGCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-3.trna14-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCGCUUAACCUUGUGGUCGUGGGUUCGAAC 60
chr-7.trna31-Lys-TTT     UCCGUUGUCGUCCAGCGGUUAGGAUAUCUGGCUUUUACCCAGG-AGACCGGGUUCGAUU 59
                         .........10........20........30........40........50.........

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chr-1.trna69-Lys-TTT     CCCACAGAUGGCG 72
chr-1.trna75-Lys-TTT     CCCACAGACGGCG 72
chr-5.trna34-Lys-TTT     CCCACAGACGGCG 72
chr-5.trna31-Lys-TTT     CCCACAGACGGCG 72
chr-6.trna83-Lys-TTT     CCCACAGACGGCG 72
chr-5.trna73-Lys-TTT     CCCACAGACGGCG 72
chr-4.trna42-Lys-TTT     CCCACAGACGGCG 72
chr-3.trna27-Lys-TTT     CCCACAGACGGCG 72
chr-5.trna90-Lys-TTT     CCCACAGACGGCG 72
chr-6.trna4-Lys-TTT      CCCACAGACGGCG 72
chr-3.trna115-Lys-TTT    CCCACAGACGGCG 72
chr-7.trna34-Lys-TTT     CCCACAGACGGCG 72
chr-5.trna56-Lys-TTT     CCCACAGACGGCG 73
chr-6.trna74-Lys-TTT     CCCACAGACGGCG 73
chr-3.trna82-Lys-TTT     CCCACAGACGGCG 73
chr-2.trna53-Lys-CTT     CCCACGGUGGGCG 73
chr-3.trna15-Lys-CTT     CCCACGGUGGGCG 73
chr-3.trna16-Lys-CTT     CCCACGGUGGGCG 73
chr-3.trna103-Lys-CTT    CCCACGGUGGGCG 73
chr-3.trna104-Lys-CTT    CCCACGGUGGGCG 73
chr-3.trna124-Lys-CTT    CCCACGGUGGGCG 73
chr-6.trna9-Lys-CTT      CCCACGGUGGGCG 73
chr-4.trna23-Lys-CTT     CCCACGGUGGGCG 73
chr-5.trna14-Lys-CTT     CCCACGGUGGGCG 73
chr-5.trna89-Lys-CTT     CCCACGGUGGGCG 73
chr-5.trna15-Lys-CTT     CCCACGGUGGGCG 73
chr-4.trna34-Lys-CTT     CCCACGGUGGGCG 73
chr-6.trna50-Lys-CTT     CCCACGGUGGGCG 73
chr-3.trna13-Lys-CTT     CCCACGGUGGGCG 73
chr-1.trna56-Lys-CTT     CCCACGGUGGGCG 73
chr-3.trna14-Lys-CTT     CCCACGGUGGGCG 73
chr-7.trna31-Lys-TTT     CCCGGCAACGGAA 72
                         .........70..
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