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                         (((((((..(((.....))).((.(((((((.......))))))).).))))))......
chr-1.trna23-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGAGUUCGAG 59
chr-1.trna51-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-3.trna16-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-8.trna16-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-9.trna25-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-1.trna24-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-1.trna61-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-11.trna18-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-12.trna30-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-5.trna31-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-5.trna32-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-5.trna40-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-9.trna6-Lys-CTT      GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-12.trna17-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-8.trna15-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-5.trna50-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 59
chr-4.trna6-Lys-TTT      GCCGUCUUAGCUCAGCCGGUAGAGCGCAUGGCUUUUAACCAUGU-GGUCGUGGGUUCGAU 59
chr-6.trna27-Lys-TTT     GCCGUCCUAGCUCAGUCGGUAGAGCGCACGGCUUUUAACCGUGU-GGUCGUGGGUUCGAA 59
chr-11.trna8-Lys-TTT     GCCGACCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGU-GGUCGUGGGUUCGAU 58
chr-2.trna7-Lys-TTT      GCCGUCCUAGCUCAGU-GGCAGAGCGCGUGGCUUUUAACCACGU-GGUCGUGGGUUCGAU 58
chr-6.trna23-Lys-TTT     GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGU-GGUCGUGGGUUCGAU 58
chr-12.trna7-Lys-TTT     GCCGACCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGU-GGUCGUGGGUUCGAU 58
chr-7.trna15-Lys-TTT     GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGU-GGUCGUGGGUUCGAU 58
chr-9.trna17-Lys-TTT     GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGU-GGUCGUGGGUUCGAU 58
chr-10.trna17-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUUGGUUCGAG 59
chr-3.trna44-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGGUCGUGGUUUCGAG 60
chr-1.trna43-Lys-CTT     GUCUA----GCUCGGUCGGUAGAGCGCAAGGCUCUUAACCUUGU-GGUCGUGGGUUCGAG 55
                         .........10........20........30........40........50.........

                         .)))))))))))).
chr-1.trna23-Lys-CTT     CCCCACGGUGGGCG 73
chr-1.trna51-Lys-CTT     CCCCACGGUGGGCG 73
chr-3.trna16-Lys-CTT     CCCCACGGUGGGCG 73
chr-8.trna16-Lys-CTT     CCCCACGGUGGGCG 73
chr-9.trna25-Lys-CTT     CCCCACGGUGGGCG 73
chr-1.trna24-Lys-CTT     CCCCACGGUGGGCG 73
chr-1.trna61-Lys-CTT     CCCCACGGUGGGCG 73
chr-11.trna18-Lys-CTT    CCCCACGGUGGGCG 73
chr-12.trna30-Lys-CTT    CCCCACGGUGGGCG 73
chr-5.trna31-Lys-CTT     CCCCACGGUGGGCG 73
chr-5.trna32-Lys-CTT     CCCCACGGUGGGCG 73
chr-5.trna40-Lys-CTT     CCCCACGGUGGGCG 73
chr-9.trna6-Lys-CTT      CCCCACGGUGGGCG 73
chr-12.trna17-Lys-CTT    CCCCACGGUGGGCG 73
chr-8.trna15-Lys-CTT     CCCCACGGUGGGCG 73
chr-5.trna50-Lys-CTT     CCCCACGGUGGGCG 73
chr-4.trna6-Lys-TTT      UCCCACAGACGGCG 73
chr-6.trna27-Lys-TTT     UCCCACGGACGGCG 73
chr-11.trna8-Lys-TTT     CCCCACGGUCGGCG 72
chr-2.trna7-Lys-TTT      CCCCACGGACGGCG 72
chr-6.trna23-Lys-TTT     CCCCACGGACGGCG 72
chr-12.trna7-Lys-TTT     CCCCACGGUCGGCG 72
chr-7.trna15-Lys-TTT     CCCCACGGACGGCG 72
chr-9.trna17-Lys-TTT     CCCCACGGACGGCG 72
chr-10.trna17-Lys-CTT    CCCCACGGUGUUCG 73
chr-3.trna44-Lys-CTT     CCCCACGGUGGGCU 74
chr-1.trna43-Lys-CTT     CCCCACGGUGGGCU 69
                         .........70...
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