```
                                (((((((..(((.....))).((.(((((((.......)))))))).)))))).....
chr-3.trna30-Lys-TTT    GGGUGUAUAGCUCAGUUGGUAGAGCAUUGGGCUUUUAACCUGAUGGUCGCAGGUUCAAGU 60
chr-2.trna18-Lys-TTT    GGGUGUACAGCUCAGAUGGUAGAGCGUUGGGCUUUUAACCUAAUGGUCGCAGGUUCAAGU 60
chr-4.trna8-Lys-TTT     GCCGUCUAGCUCAGCCGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-6.trna34-Lys-TTT    GCCGUCCUAGCUCAGUCGGUAGAGCGCACGGCUUUUAACCGUGUGGUCGUGGGUUCGAAU 60
chr-3.trna20-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-8.trna32-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-1.trna29-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-1.trna40-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-12.trna41-Lys-CTT   GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-12.trna26-Lys-CTT   GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-12.trna25-Lys-CTT   GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-1.trna53-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-11.trna19-Lys-CTT   GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-1.trna59-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-1.trna19-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-10.trna21-Lys-CTT   GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-10.trna17-Lys-CTT   GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna33-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna34-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-9.trna32-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna41-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-8.trna34-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-8.trna33-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-10.trna16-Lys-CTT   GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCAAGC 60
chr-12.trna50-Lys-TTT   GGGUGUAUAGCUCAGUUGGUAGAGCAUUGGGCUUUUAACCUAAUGGUCGCAGGUUCAAGU 60
chr-12.trna7-Lys-TTT    GCCGACCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-1.trna46-Lys-TTT    GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-11.trna8-Lys-TTT    GCCGACCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-6.trna29-Lys-TTT    GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-2.trna10-Lys-TTT    GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-9.trna23-Lys-TTT    GCCGUCCUAGCUCAGU-GGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-10.trna15-Lys-CTT   GCCCGUCUAGCUCAGUC-GUAGAGCGCAAGGCUCUUAACCUUGUGAUCGUGGGUUUGAGC 59
chr-10.trna24-Lys-CTT   UCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
                        .........10........20........30........40........50.........

                        ))))))))))).
chr-3.trna30-Lys-TTT    CCUGCUAUACCAA 73
chr-2.trna18-Lys-TTT    CCUGCUAUACCAA 73
chr-4.trna8-Lys-TTT     CCCACAGACGGCG 73
chr-6.trna34-Lys-TTT    CCCACGGACGGCG 73
chr-3.trna20-Lys-CTT    CCCACGGUGGGCG 73
chr-8.trna32-Lys-CTT    CCCACGGUGGGCG 73
chr-1.trna29-Lys-CTT    CCCACGGUGGGCG 73
chr-1.trna40-Lys-CTT    CCCACGGUGGGCG 73
chr-12.trna41-Lys-CTT   CCCACGGUGGGCG 73
chr-12.trna26-Lys-CTT   CCCACGGUGGGCG 73
chr-12.trna25-Lys-CTT   CCCACGGUGGGCG 73
chr-1.trna53-Lys-CTT    CCCACGGUGGGCG 73
chr-11.trna19-Lys-CTT   CCCACGGUGGGCG 73
chr-1.trna59-Lys-CTT    CCCACGGUGGGCG 73
chr-1.trna19-Lys-CTT    CCCACGGUGGGCG 73
chr-10.trna21-Lys-CTT   CCCACGGUGGGCG 73
chr-10.trna17-Lys-CTT   CCCACGGUGGGCG 73
chr-5.trna33-Lys-CTT    CCCACGGUGGGCG 73
chr-5.trna34-Lys-CTT    CCCACGGUGGGCG 73
chr-9.trna32-Lys-CTT    CCCACGGUGGGCG 73
chr-5.trna41-Lys-CTT    CCCACGGUGGGCG 73
chr-8.trna34-Lys-CTT    CCCACGGUGGGCG 73
chr-8.trna33-Lys-CTT    CCCACGGUGGGCG 73
chr-10.trna16-Lys-CTT   CCCACGGUGGGCG 73
chr-12.trna50-Lys-TTT   CCUGCUAUACCCA 73
chr-12.trna7-Lys-TTT    CCCACGGUCGGCG 72
chr-1.trna46-Lys-TTT    CCCACGGACGGCG 72
chr-11.trna8-Lys-TTT    CCCACGGUCGGCG 72
chr-6.trna29-Lys-TTT    CCCACGGACGGCG 72
chr-2.trna10-Lys-TTT    CCCACGGACGGCG 72
chr-9.trna23-Lys-TTT    CCCACGGACGGCG 72
chr-10.trna15-Lys-CTT   CCCACGGUGGGCG 72
chr-10.trna24-Lys-CTT   CCCAAGGUGGGCG 73
                        .........70..
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