```
                        (((((((((.(......).))((.(((((((.......)))))))..))))))).......
chr-1.trna50-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-1.trna70-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-8.trna8-Lys-TTT     GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-8.trna10-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-8.trna48-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-15.trna18-Lys-TTT   GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-9.trna4-Lys-TTT     GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-10.trna23-Lys-TTT   GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-10.trna34-Lys-TTT   GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-12.trna19-Lys-TTT   GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-11.trna31-Lys-TTT   GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-2.trna23-Lys-TTT    GCCGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUU 60
chr-1.trna12-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-2.trna8-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-10.trna36-Lys-CTT   GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-10.trna22-Lys-CTT   GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-10.trna16-Lys-CTT   GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-2.trna36-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-3.trna32-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-8.trna39-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna18-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-8.trna14-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-5.trna37-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-18.trna18-Lys-CTT   GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-8.trna7-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-7.trna22-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-6.trna6-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-14.trna27-Lys-CTT   GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-16.trna20-Lys-TTT   GCCGUCUUAGCUCAG-AGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUC 59
chr-8.trna20-Lys-TTT    GCCGUCUUAGCUCAG-AGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAUC 59
chr-12.trna26-Lys-TTT   GCUUCUGUAGCACAG-UGGUAGUGCAUUUGCCUUUUAAGCAAGAAGUCGUGAGUUCGAAC 59
chr-12.trna27-Lys-TTT   GCUUCUGUAGCACAG-UGGUAGUGCAUUUGCCUUUUAAGCAAGAAGUCGUGAGUUCGAAC 59
chr-4.trna10-Lys-TTT    GCCUCUGUAGCACAG-UGGUAGUGCAUUUGCCUUUUAAGCAAGAAGUCGUGAGUUCGAAC 59
chr-19.trna15-Lys-CTT   GCCUCUGUAGCACAG-UGGUAGUGCAUUUGCCUCUUAAGCAAGAAGUCGUGAGUUCGAAC 59
                        .........10........20........30........40........50.........

                        ))))))))))).
chr-1.trna50-Lys-TTT    CCCACAGACGGCG 73
chr-1.trna70-Lys-TTT    CCCACAGACGGCG 73
chr-8.trna8-Lys-TTT     CCCACAGACGGCG 73
chr-8.trna10-Lys-TTT    CCCACAGACGGCG 73
chr-8.trna48-Lys-TTT    CCCACAGACGGCG 73
chr-15.trna18-Lys-TTT   CCCACAGACGGCG 73
chr-9.trna4-Lys-TTT     CCCACAGACGGCG 73
chr-10.trna23-Lys-TTT   CCCACAGACGGCG 73
chr-10.trna34-Lys-TTT   CCCACAGACGGCG 73
chr-12.trna19-Lys-TTT   CCCACAGACGGCG 73
chr-11.trna31-Lys-TTT   CCCACAGACGGCG 73
chr-2.trna23-Lys-TTT    CCCAUAGACGGCG 73
chr-1.trna12-Lys-CTT    CCCACGGUGGGCG 73
chr-2.trna8-Lys-CTT     CCCACGGUGGGCG 73
chr-10.trna36-Lys-CTT   CCCACGGUGGGCG 73
chr-10.trna22-Lys-CTT   CCCACGGUGGGCG 73
chr-10.trna16-Lys-CTT   CCCACGGUGGGCG 73
chr-2.trna36-Lys-CTT    CCCACGGUGGGCG 73
chr-3.trna32-Lys-CTT    CCCACGGUGGGCG 73
chr-8.trna39-Lys-CTT    CCCACGGUGGGCG 73
chr-5.trna18-Lys-CTT    CCCACGGUGGGCG 73
chr-8.trna14-Lys-CTT    CCCACGGUGGGCG 73
chr-5.trna37-Lys-CTT    CCCACGGUGGGCG 73
chr-18.trna18-Lys-CTT   CCCACGGUGGGCG 73
chr-8.trna7-Lys-CTT     CCCACGGUGGGCG 73
chr-7.trna22-Lys-CTT    CCCACGGUGGGCG 73
chr-6.trna6-Lys-CTT     CCCACGGUGGGCG 73
chr-14.trna27-Lys-CTT   CCCAUGGUGGGCG 73
chr-16.trna20-Lys-TTT   CCCACAGACGGCG 72
chr-8.trna20-Lys-TTT    CCCACAGACGGCG 72
chr-12.trna26-Lys-TTT   CUCACCAGGGGCA 72
chr-12.trna27-Lys-TTT   CUCACCAGGGGCA 72
chr-4.trna10-Lys-TTT    CUCACCAGGGGCA 72
chr-19.trna15-Lys-CTT   CUCACCAGGGGCA 72
                        .........70..

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