```
                                 (((((((((.(......).)))(.(((((((.......)))))))).))))))........
chr-A05.trna63-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUUGUGGGUUUGAGU 60
chr-A06.trna53-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCACAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B03.trna139-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCAAGC 60
chr-A01.trna53-Lys-TTT     GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUU 60
chr-B10.trna2-Lys-TTT      GCCGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUU 60
chr-A01.trna46-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAAUUUUGUGGUCGUGGGUUUGAGC 60
chr-A04.trna11-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A05.trna65-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A06.trna7-Lys-CTT      GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B10.trna140-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B09.trna260-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A06.trna48-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B07.trna32-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B07.trna31-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B02.trna125-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B03.trna2-Lys-CTT      GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B03.trna138-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A07.trna172-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B10.trna27-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A02.trna19-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A02.trna29-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B05.trna137-Lys-CTT    GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B05.trna10-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B05.trna8-Lys-CTT      GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-B06.trna11-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A09.trna38-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A07.trna10-Lys-CTT     GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUUGAGC 60
chr-A02.trna7-Lys-CTT      GCCCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACUUUGUGGUCGUGGGUUCGAGC 60
chr-B01.trna231-Lys-CTT    GCCCGUCUAGCUCAGUAGGUAGAGCGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGAGC 60
chr-A03.trna84-Lys-CTT     GCCCGUCUAGCUCAGUCGGUAGUGCGCAAGGCUCUUAACCUUGUAGUCGUGGGUUCGAGC 60
chr-B06.trna147-Lys-CTT    GCCCGUCUAGCUCAGUUGGUAGAGCGCUAAGGCUCUUAACCUUGUGGUUGUGGGUUUGAGC 60
chr-A07.trna19-Lys-TTT     GGGUGUAUAGCUCAGUUGGUAGAGCAUUGGGCUUUUAACCUAAUGGUCGCAGGUUCAAGU 60
chr-A07.trna17-Lys-TTT     GGGUGUAUAGCUCAGUUGGUAGAGCAUUGGGCUUUUAACCUAAUGGUCGCAGGUUCAAGU 60
chr-A10.trna12-Lys-TTT     GGGUGUAUAGCUCAAUUGGUAGAACGUUGGGCUUUUAACCUAAUGGUCACAGGUUCAAGU 60
chr-A06.trna77-Lys-TTT     GCCGUCUUAGCUCAA-CGGUAGAGCGCGUGGUUUUUAACCACGUGGUCGUGGGUUGGAUC 59
chr-A06.trna78-Lys-TTT     GCCGUCUUAGCUCAA-CGGUAGAGCGCGUGGUUUUUAACCACGUGGUCGUGGGUU-GAUC 58
chr-A01.trna111-Lys-TTT    GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A02.trna12-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B05.trna1-Lys-TTT      GCCAUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A02.trna57-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B06.trna282-Lys-TTT    GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B07.trna33-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B01.trna107-Lys-TTT    GCCAUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B03.trna19-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B01.trna105-Lys-TTT    GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A10.trna42-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGUUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B01.trna106-Lys-TTT    GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGUUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B10.trna17-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUUGUGGGUUCGAUC 59
chr-B06.trna175-Lys-TTT    GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B02.trna184-Lys-TTT    GCCAUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A04.trna79-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A03.trna18-Lys-TTT     GCCGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A06.trna63-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGUGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-B07.trna17-Lys-TTT     GCCGUCUUAGCUCAG-CGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A07.trna174-Lys-TTT    GCCAUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 59
chr-A07.trna11-Lys-TTT     ACUGUCUUAGCACAGACGGCAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAUC 60
chr-A07.trna78-Lys-TTT     UUCGUUGUCGUCCAGCGAUUAGGAUAUCUGGCUUUUACUUAGG-AGACCUGGAUUCGAUU 59
                           .........10........20........30........40........50.........

                           ))))))))))).
chr-A05.trna63-Lys-CTT     CCCACGGUGGACG 73
chr-A06.trna53-Lys-CTT     CCCACGGUGGACG 73
chr-B03.trna139-Lys-CTT    CCCACAGUGGGCG 73
chr-A01.trna53-Lys-TTT     CCCACAGACGGCG 73
chr-B10.trna2-Lys-TTT      CCCACAGACGGCG 73
chr-A01.trna46-Lys-CTT     CCCACGGUGGGCG 73
chr-A04.trna11-Lys-CTT     CCCACGGUGGGCG 73
chr-A05.trna65-Lys-CTT     CCCACGGUGGGCG 73
chr-A06.trna7-Lys-CTT      CCCACGGUGGGCG 73
chr-B10.trna140-Lys-CTT    CCCACGGUGGGCG 73
chr-B09.trna260-Lys-CTT    CCCACGGUGGGCG 73
chr-A06.trna48-Lys-CTT     CCCACGGUGGGCG 73
chr-B07.trna32-Lys-CTT     CCCACGGUGGGCG 73
chr-B07.trna31-Lys-CTT     CCCACGGUGGGCG 73
chr-B02.trna125-Lys-CTT    CCCACGGUGGGCG 73
chr-B03.trna2-Lys-CTT      CCCACGGUGGGCG 73
chr-B03.trna138-Lys-CTT    CCCACGGUGGGCG 73
chr-A07.trna172-Lys-CTT    CCCACGGUGGGUG 73
chr-B10.trna27-Lys-CTT     CCCAUGGUGGGCG 73
chr-A02.trna19-Lys-CTT     CCCACGGUGGGCG 73
chr-A02.trna29-Lys-CTT     CCCACGGUGGGCG 73
chr-B05.trna137-Lys-CTT    CCCACGGUGGGCG 73
chr-B05.trna10-Lys-CTT     CCCACGGUGGGCG 73
chr-B05.trna8-Lys-CTT      CCCACGGUGGGCG 73
chr-B06.trna11-Lys-CTT     CCCACGGUGGGCG 73
chr-A09.trna38-Lys-CTT     CCCACGGUGGGCG 73
chr-A07.trna10-Lys-CTT     CCCACGGUGGGCG 73
chr-A02.trna7-Lys-CTT      CCCACGGUGGGCG 73
chr-B01.trna231-Lys-CTT    CCCACGGUGGGCG 73
chr-A03.trna84-Lys-CTT     CCCACGGUGGGCG 73
chr-B06.trna147-Lys-CTT    UCCACGGUGGGCG 73
chr-A07.trna19-Lys-TTT     CCUGCUAUACCCA 73
chr-A07.trna17-Lys-TTT     CCUGCUAUACCCA 73
chr-A10.trna12-Lys-TTT     CCUGCUAUAUCCA 73
chr-A06.trna77-Lys-TTT     CCCACAGAUGGCG 72
chr-A06.trna78-Lys-TTT     CCCACAGAUGGCG 71
chr-A01.trna111-Lys-TTT    CCCACAGACGGCG 72
chr-A02.trna12-Lys-TTT     CCCACAGACGGCG 72
chr-B05.trna1-Lys-TTT      CCCACAGAUGGCG 72
chr-A02.trna57-Lys-TTT     CCCACAGACGGCG 72
chr-B06.trna282-Lys-TTT    CCCACAGACGGCG 72
chr-B07.trna33-Lys-TTT     CCCACAGACGGCG 72
chr-B01.trna107-Lys-TTT    CCCACAGAUGGCG 72
chr-B03.trna19-Lys-TTT     CCCACAGACGGCG 72
chr-B01.trna105-Lys-TTT    CCCACAGACGGCG 72
chr-A10.trna42-Lys-TTT     CCCACAGACGGCG 72
chr-B01.trna106-Lys-TTT    CCCACAGACGGCG 72
chr-B10.trna17-Lys-TTT     CCCACAGACGGCG 72
chr-B06.trna175-Lys-TTT    CCCACAGACGGCG 72
chr-B02.trna184-Lys-TTT    CCCACUGAUGGCG 72
chr-A04.trna79-Lys-TTT     CCCACAGACGGCG 72
chr-A03.trna18-Lys-TTT     CCCACAGACAGCG 72
chr-A06.trna63-Lys-TTT     CCCACAGAUGGCG 72
chr-B07.trna17-Lys-TTT     CCCACAGACAGCG 72
chr-A07.trna174-Lys-TTT    CCCACAGACGGCG 72
chr-A07.trna11-Lys-TTT     UCCACAGACGGCA 73
chr-A07.trna78-Lys-TTT     CCCAGCAACGGAA 72
                           .........70..
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