```
                                ((.(((((((.(......).))))(.(((((((.....)))))))).))))))......
chr-Ca1.trna18-Lys-CTT    GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca2.trna23-Lys-CTT    GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca3.trna47-Lys-CTT    GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca7.trna1-Lys-CTT     GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca8.trna3-Lys-CTT     GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca7.trna17-Lys-CTT    GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca8.trna5-Lys-CTT     GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca1.trna7-Lys-CTT     GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUCGAG 59
chr-Ca3.trna48-Lys-CTT    GC-CCGUCUAGCUCAGUUGGUAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUUUGAG 59
chr-Ca3.trna4-Lys-TTT     GC-CGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAU 59
chr-Ca3.trna59-Lys-TTT    GC-CGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAU 59
chr-Ca8.trna24-Lys-TTT    GC-CGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 59
chr-Ca6.trna47-Lys-TTT    GC-CGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAU 59
chr-Ca8.trna17-Lys-TTT    GC-CGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 59
chr-Ca6.trna68-Lys-TTT    GC-CGUCUUAGCUCAGCUGGUAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUUCGAU 59
chr-Ca7.trna54-Lys-TTT    GC-CGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 59
chr-Ca8.trna20-Lys-TTT    GC-CGUCUUAGCUCAGCUGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 59
chr-Ca6.trna35-Lys-TTT    GC-CGUCUUAGCUCAGCGGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 59
chr-Ca7.trna7-Lys-TTT     GC-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca2.trna26-Lys-TTT    GU-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca6.trna38-Lys-TTT    GC-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca6.trna37-Lys-TTT    GC-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca6.trna36-Lys-TTT    GC-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca3.trna32-Lys-TTT    GC-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca6.trna63-Lys-TTT    GC-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca6.trna41-Lys-TTT    GC-CGUCUUAGCUCAG-UGGUAGAGCGCGUGGUUUUUAACCACGUGGUCGUGGGUUCGAU 58
chr-Ca6.trna39-Lys-TTT    CCACAUCUUAGCUAAG-UGGUAGAGCGUGUGGCUUUUAACCAUGUGGUUGUGGGUUCAAU 59
chr-Ca6.trna20-Lys-TTT    GG-GAAUUUCGUCUAGUU-GUAUGGUUCUCGCUCUUUGUGCGAGAGGUUCCGAGUUCAAU 58
                          .........10........20........30........40........50.........

                          .)))))))).)))).
chr-Ca1.trna18-Lys-CTT    CCCCACGGU-GGGCG 73
chr-Ca2.trna23-Lys-CTT    CCCCACGGU-GGGCG 73
chr-Ca3.trna47-Lys-CTT    CCCCACGGU-GGGCG 73
chr-Ca7.trna1-Lys-CTT     CCCCACGGU-GGGCG 73
chr-Ca8.trna3-Lys-CTT     CCCCACGGU-GGGCG 73
chr-Ca7.trna17-Lys-CTT    CCCCACGGU-GGGCG 73
chr-Ca8.trna5-Lys-CTT     CCCCACGGU-GGGCG 73
chr-Ca1.trna7-Lys-CTT     CCCCACGGU-GGGUG 73
chr-Ca3.trna48-Lys-CTT    CCCCACGGU-GGGCG 73
chr-Ca3.trna4-Lys-TTT     UCCCACAGA-CGGCG 73
chr-Ca3.trna59-Lys-TTT    UCCCACAGA-CGGCG 73
chr-Ca8.trna24-Lys-TTT    UCCCACAGA-CGGCG 73
chr-Ca6.trna47-Lys-TTT    UCCCACAGA-CGGCG 73
chr-Ca8.trna17-Lys-TTT    UCCCACAGA-CGGCG 73
chr-Ca6.trna68-Lys-TTT    UCCCACAGA-CGGCG 73
chr-Ca7.trna54-Lys-TTT    UCCCACAGA-CGGCG 73
chr-Ca8.trna20-Lys-TTT    UCUCACAGA-CGGCG 73
chr-Ca6.trna35-Lys-TTT    UCCCACAGA-CGGCG 73
chr-Ca7.trna7-Lys-TTT     CCCCACAGA-CGGCG 72
chr-Ca2.trna26-Lys-TTT    CCCCACAGA-CGGCG 72
chr-Ca6.trna38-Lys-TTT    CCCCACAGA-CGGCG 72
chr-Ca6.trna37-Lys-TTT    CCCCACAGA-CGGCG 72
chr-Ca6.trna36-Lys-TTT    CCCCACAGA-CGGCG 72
chr-Ca3.trna32-Lys-TTT    CCCCACAGA-CGGCG 72
chr-Ca6.trna63-Lys-TTT    CCCCACAGA-CGGCG 72
chr-Ca6.trna41-Lys-TTT    CCCCAUAGA-CGGUG 72
chr-Ca6.trna39-Lys-TTT    CCCCACAGA-CGGGA 73
chr-Ca6.trna20-Lys-TTT    UCUCAGAAUGCCCCA 73
                          .........70....

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