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                         (((((((((.(......)...))))(.(((((((.......)))))))).))))).....
chr-1.trna62-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-1.trna12-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-10.trna53-Lys-CTT    GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-9.trna34-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-6.trna73-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-6.trna72-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-5.trna61-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-8.trna14-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-10.trna18-Lys-CTT    GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-4.trna90-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-7.trna67-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-4.trna88-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-3.trna55-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-4.trna27-Lys-CTT     GCCCGUCUAGCUCAGUCGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-4.trna10-Lys-CTT     GCCCGUCUAGCUCAGUUGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-4.trna87-Lys-CTT     GCCCGUCUAGCUCAGUUGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-4.trna89-Lys-CTT     GCCCGUCUAGCUCAGUUGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-4.trna91-Lys-CTT     GCCCGUCUAGCUCAGUUGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-7.trna63-Lys-CTT     GCCCGUCUAGCUCAGUUGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-5.trna16-Lys-CTT     GCCCAUCUAGCUCAGUUGG--UAGAGCGCAAGGCUCUUAACCCUUGUGGUCGUGGGUU--C 56
chr-1.trna97-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-2.trna34-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-2.trna46-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-2.trna47-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-9.trna20-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-8.trna59-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-2.trna48-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-10.trna46-Lys-TTT    GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-10.trna20-Lys-TTT    GCCGUCUUAGCUCAGCCGG--UAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUU--C 56
chr-6.trna76-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUU--C 56
chr-6.trna98-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCAUGGCUUUUAACCAUGUGGUCGUGGGUU--C 56
chr-6.trna84-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-6.trna86-Lys-TTT     GCCGUCUUAGCUCAGCCGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-2.trna3-Lys-TTT      GCCGUCUUAGCUCAGCUGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-6.trna85-Lys-TTT     GCCGUCUUAGCUCAGCUGG--UAGAGCGCGUGGCUUUUAACCACGUGGUCGUGGGUU--C 56
chr-10.trna17-Lys-TTT    GCGUCCAUUGUCUAAUGGG--AAGGAUGAAGGCUCUUUAGGCCUUGGGU-AUAGGUU--C 55
chr-9.trna29-Lys-TTT     UCCAUUAUCGUCUAGUCCGAUUAGGAUACCUGGCUUUUACCCAGGUGA-CCCGGGUU--C 57
chr-7.trna36-Lys-CTT     G-AAGUUAAGCCAUGAAG---UUAAGUGCAAGGCUCUUAACCUUGUGGUCGUGGGUUCGC 56
                         .........10........20........30........40........50.........
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                         ....)))))))))))).
chr-1.trna62-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-1.trna12-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-10.trna53-Lys-CTT    GAGCCCCACGGUGGGCG 73
chr-9.trna34-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-6.trna73-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-6.trna72-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-5.trna61-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-8.trna14-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-10.trna18-Lys-CTT    GAGCCCCACGGUGGGCG 73
chr-4.trna90-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-7.trna67-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-4.trna88-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-3.trna55-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-4.trna27-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-4.trna10-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-4.trna87-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-4.trna89-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-4.trna91-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-7.trna63-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-5.trna16-Lys-CTT     GAGCCCCACGGUGGGCG 73
chr-1.trna97-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-2.trna34-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-2.trna46-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-2.trna47-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-9.trna20-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-8.trna59-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-2.trna48-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-10.trna46-Lys-TTT    GAUUCCCACAGACGGCG 73
chr-10.trna20-Lys-TTT    GAUUCCCACAGACGGCG 73
chr-6.trna76-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-6.trna98-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-6.trna84-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-6.trna86-Lys-TTT     GAUUCCCACGGACGGCG 73
chr-2.trna3-Lys-TTT      GAUUCCCACAGACGGCG 73
chr-6.trna85-Lys-TTT     GAUUCCCACAGACGGCG 73
chr-10.trna17-Lys-TTT    AAAUCCUAUUGGACGCU 72
chr-9.trna29-Lys-TTT     AAAUCCUGGCAAUGGAA 74
chr-7.trna36-Lys-CTT     GAGCCCCACGGUGGGCG 73
                         .........70......
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