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                                (((((.((..((((.........)))).(((((.......)))))).....(((((.....
chr-9.trna123-Asn-GTT   UCCUU-AGUAGCUUAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-4.trna77-Asn-GTT    UUCUC-AGUAGCUUAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-7.trna29-Asn-GTT    UCCUC-AGUAGCUCAGU--GGUAGAGUGGUCGGCUGUUAAUUGACUGGUCGUAGGUUCGA 57
chr-7.trna25-Asn-GTT    UCCUC-AGUAGCUCAGU--GGUAGAGUGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-3.trna27-Asn-GTT    UCCUC-AGUAGCUCAGU--GGUAGAGCAGUCGGUUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-2.trna241-Asn-GTT   UCCUC-AGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCAA 57
chr-3.trna26-Asn-GTT    UCCUC-AGUAGCUCAAU--GGUAGAGCGGUCGGGUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-2.trna76-Asn-GTT    UCCUC-AGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-2.trna49-Asn-GTT    UCCCUCAGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 58
chr-7.trna131-Asn-GTT   UCCUC-AGUAGCUCAAU--GGUAGAGCGGUCGGCUGUUAACUGACUGGCCGUAGGUUCGA 57
chr-7.trna129-Asn-GTT   UCCUC-AGUAGCUCAAU--GGUAGAGCGGUCGGCUGUUAACUGACUGGCCGUAGGUUCGA 57
chr-2.trna242-Asn-GTT   UCCUC-AGUAGCUCAGU--GGUAGAGCGGUCGACUGUUAAAUGACUGGUCGUAGGUUCAA 57
chr-5.trna67-Asn-GTT    -UCCUCAGUAGCUCAGU--GGUAGAGCGGUCGACUGUUAACUGACUGGUCAUAGGUUCGA 57
chr-1.trna283-Asn-GTT   GUUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-3.trna39-Asn-GTT    GCUGG-AGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGGUUCAA 59
chr-2.trna126-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna186-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna188-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-9.trna69-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-8.trna138-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-8.trna55-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna189-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna190-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-7.trna93-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-10.trna35-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-5.trna36-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-6.trna156-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-6.trna155-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-1.trna280-Asn-GTT   GCUGG-AAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAGGUUCAA 59
chr-10.trna20-Asn-GTT   UCCC--UCUAGCUCAGUU-GGUGGAGUGUAAGACUGUUAACCUUGUGGUCAUGAGUUCAA 57
                        .........10........20........30........40........50.........

                        ..)))))))))))).
chr-9.trna123-Asn-GTT   AUCCUACAUGGGGAG 72
chr-4.trna77-Asn-GTT    AUCCUACUUGGGGAG 72
chr-7.trna29-Asn-GTT    AUCCUACUUGGGGAG 72
chr-7.trna25-Asn-GTT    AUCCUACUUGGGGAG 72
chr-3.trna27-Asn-GTT    AUCCUACUUGGGGAG 72
chr-2.trna241-Asn-GTT   AUCCUACUUGGGGAG 72
chr-3.trna26-Asn-GTT    AUCCUACUUGGGGAG 72
chr-2.trna76-Asn-GTT    AUCCUACCUGGAAAG 72
chr-2.trna49-Asn-GTT    AUCCUACUUGGGGAG 73
chr-7.trna131-Asn-GTT   AUCCUACAUGGGGAG 72
chr-7.trna129-Asn-GTT   AUCCUACUUGGGGAG 72
chr-2.trna242-Asn-GTT   AUCCUACUUGGGGAG 72
chr-5.trna67-Asn-GTT    AUCCUACUUAGGGAG 72
chr-1.trna283-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-3.trna39-Asn-GTT    GCCCUUCCUCUAGCG 74
chr-2.trna126-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-2.trna186-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-2.trna188-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-9.trna69-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-8.trna138-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-8.trna55-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-2.trna189-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-2.trna190-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-7.trna93-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-10.trna35-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-5.trna36-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-6.trna156-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-6.trna155-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-1.trna280-Asn-GTT   GCCCUCCUUCUAGCG 74
chr-10.trna20-Asn-GTT   ACCCCAUGGUGGGAG 72
                        .........70....
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