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                         (((((((..((((.........)))).(((((.......)))))).....(((((.....
chr-2.trna78-Asn-GTT     UCCUCAGUCGCUCAGU--GGUGGAGCGGUCGGUUGUUAACUAACUGGUCGUAGGUUCAAA 58
chr-12.trna43-Asn-GTT    UCCUCAGAAGCUCAGU--GGUAGAGCAGUCGGCUGUUAACUGACUGACUGUAGGUUCGAA 58
chr-2.trna67-Asn-GTT     UCCUCAGUAGCUCAGU--GGUAAAGCAGCCAGCUGUUAACUGACUGGUUGUAGGUUCGAA 58
chr-8.trna35-Asn-GTT     UCCUCAGUAGCUUAGU--GGUAGAGCAGUCGGCUGUUAACUGACUGGUCGUAGGUUCGAA 58
chr-11.trna42-Asn-GTT    UCCUUAGUAGCUCAGU--GGUAGAGCAGUCGACUGUUAAUUGACUGGUCGUAGGUUCGAA 58
chr-12.trna61-Asn-GTT    UCCUCAGUAGCUCAAU--GGUAGAGCAGUCGGCUGUUUACUGACUGGUCGUAGGUUCGAA 58
chr-10.trna46-Asn-GTT    UCCUCAGUAGCUCAGU--GGUAGAGCAGUCGGCUGUUUACUGACUGGUCGUAGGUUCGAA 58
chr-5.trna50-Asn-GTT     UCCUUAGUAGCUUAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCAAA 58
chr-6.trna29-Asn-GTT     UCCUCAGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCAAA 58
chr-2.trna31-Asn-GTT     UCCUCAAUAGCUUAAU--GGUAGAGCGGUCAGCUGUUAACUGACUGGUCAUAGGUUCGAA 58
chr-4.trna19-Asn-GTT     UCCUCAGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGAA 58
chr-1.trna22-Asn-GTT     UCCUUAGUUGCUCAGU--GGUAAAGCAGUCGGCUGUUAACUGACUGGUCGUAGGUUCGAA 58
chr-8.trna9-Asn-GTT      UCCUCAGUAGCUCAGU--GGUAAAGCAGUCGGCUGUUAACUGACUGGUCGUAGGUUCGAA 58
chr-8.trna8-Asn-GTT      UCCUCAGUAGCUCAGU--GGUAAAGCAGUCGGCUGUUAACUGACUGGUCGUAGGUUCGAA 58
chr-6.trna77-Asn-GTT     UCCUCAGUAGCUUAGU--GGUAGAGCGGUCGGUUGUUAACUGAUUGGUCAUAGGUCCGAA 58
chr-8.trna27-Asn-GTT     UCCUCAGUAGCUCAGU--GGUAGAGCGGUCGGUUGUUACCUGACUGGUCAUAGGUUCAAA 58
chr-11.trna20-Asn-GTT    UCCUCAGUAGCUCAGU--GAUAGAGCGGUCGACUGUUAAUUGACUGGUCAUAGGUUCGAA 58
chr-6.trna83-Asn-GTT     UCCUCAGUAGCUCAAU--GGUAGAGCAGUCGGCUGUUAACUGACUAAUCAUAGAUUCGAA 58
chr-11.trna34-Asn-GTT    UCCUCAGUAGCUUAGU--GGUAGAGCAGUUGGCUGUUAACUAACUGAUAUGGGGUUCAAA 58
chr-3.trna23-Asn-GTT     UCCUUAGCAGCUUAGU--GGUAGACAGGUCAGCUGUUAAUUGACUAGUCAUAGGUUCGAA 58
chr-5.trna40-Asn-GTT     UCCUCAAUAGCUCAAU--GGUAGAGUGGUCGACUGUUAACUGAGUGGUCGUAGGUUUGAA 58
chr-10.trna22-Asn-GTT    UCCUCAAUAGCUCAAU--GGUAGAGUGGUCGACUGUUAACUGAGUGGUCGUAGGUUUGAA 58
chr-2.trna4-Asn-GTT      UCCUCAGUAGCUCAAU--AGUAAAGCAGUUGGUUGUUAACUGAUUGGUCGUAGGUUCGAA 58
chr-1.trna10-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-1.trna62-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-4.trna34-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-4.trna42-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-4.trna50-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-4.trna51-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-7.trna23-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-10.trna51-Asn-GTT    GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-10.trna50-Asn-GTT    GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-8.trna86-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-9.trna45-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-10.trna8-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
chr-9.trna46-Asn-GTT     GCUGGAAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAAG 60
                         .........10........20........30........40........50.........
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                         .)))))))))))).
chr-2.trna78-Asn-GTT     UCCUACUUGGGGAG 72
chr-12.trna43-Asn-GTT    UCCUACUUGGGGAG 72
chr-2.trna67-Asn-GTT     UCCUACUUAGGGAG 72
chr-8.trna35-Asn-GTT     UCCUACUUAGGGAC 72
chr-11.trna42-Asn-GTT    UCCUACUUGGGAAG 72
chr-12.trna61-Asn-GTT    UCCUACUUAGGGAG 72
chr-10.trna46-Asn-GTT    UCCUACUUAGGGAG 72
chr-5.trna50-Asn-GTT     UCCUACUUGGGGAG 72
chr-6.trna29-Asn-GTT     UCCUACUUGGGGAG 72
chr-2.trna31-Asn-GTT     UCCUACUUGGGGAG 72
chr-4.trna19-Asn-GTT     UACUAUUUGGGGAG 72
chr-1.trna22-Asn-GTT     UCCUACUUGGGGAG 72
chr-8.trna9-Asn-GTT      CCCUACUUGGGGAG 72
chr-8.trna8-Asn-GTT      CCCUACUUGGGGAG 72
chr-6.trna77-Asn-GTT     UCUUACUUGAGGAG 72
chr-8.trna27-Asn-GTT     UCCUACUUGGGGAG 72
chr-11.trna20-Asn-GTT    UCCUACCUAAGGAG 72
chr-6.trna83-Asn-GTT     UCCUACUUGGAGAG 72
chr-11.trna34-Asn-GTT    UCCUACUUGGGGAG 72
chr-3.trna23-Asn-GTT     UCCUACUUAGGGAG 72
chr-5.trna40-Asn-GTT     UUCUACUUGGGGAG 72
chr-10.trna22-Asn-GTT    UUCUACUUGGGGAG 72
chr-2.trna4-Asn-GTT      UCCUACUUGGAAAA 72
chr-1.trna10-Asn-GTT     CCCUCCUUCUAGCG 74
chr-1.trna62-Asn-GTT     CCCUCCUUCUAGCG 74
chr-4.trna34-Asn-GTT     CCCUCCUUCUAGCG 74
chr-4.trna42-Asn-GTT     CCCUCCUUCUAGCG 74
chr-4.trna50-Asn-GTT     CCCUCCUUCUAGCG 74
chr-4.trna51-Asn-GTT     CCCUCCUUCUAGCG 74
chr-7.trna23-Asn-GTT     CCCUCCUUCUAGCG 74
chr-10.trna51-Asn-GTT    CCCUCCUUCUAGCG 74
chr-10.trna50-Asn-GTT    CCCUCCUUCUAGCG 74
chr-8.trna86-Asn-GTT     CCCUCCUUCUAGCG 74
chr-9.trna45-Asn-GTT     CCCUCCUUCUAGCG 74
chr-10.trna8-Asn-GTT     CCCUCCUUCUAGCG 74
chr-9.trna46-Asn-GTT     CCCUCCUUCUAGCG 74
                         .........70...
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