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                          (((((((...((((.........))))....((((..((...)).))))(((((.....
chr-3.trna78-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-4.trna22-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-7.trna37-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna58-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-3.trna77-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCACUGGUUCGA 58
chr-4.trna37-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCACUGGUUCGA 58
chr-1.trna27-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-6.trna60-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna8-Tyr-GTA     CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna9-Tyr-GTA     CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna11-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna12-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna13-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna59-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna14-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna57-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna15-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna16-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna54-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna53-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna17-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna19-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna50-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna49-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna20-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna45-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna44-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna43-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna23-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna41-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna25-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna26-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna38-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna31-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna36-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna35-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna34-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna55-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCACUGGUUCGA 58
chr-8.trna56-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGAAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-9.trna66-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUCGA 58
chr-9.trna39-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUCGA 58
chr-8.trna4-Tyr-GTA     CCGACCUU-AGCUCAGUUGGC-AGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUCGA 58
chr-8.trna5-Tyr-GTA     CCGACCUU-AGCUCAGUUGGC-AGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUCGA 58
chr-8.trna6-Tyr-GTA     CCGACCUU-AGCUCAGUUGGC-AGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUCGA 58
chr-8.trna7-Tyr-GTA     CCGACCUU-AGCUCAGUUGGC-AGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUCGA 58
chr-8.trna69-Tyr-GTA    CCGACCUU-AGCUCAGUUGGC-AGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUCGA 58
chr-8.trna42-Tyr-GTA    CCGACCUU-AGCUCAGCUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUGGA 58
chr-8.trna37-Tyr-GTA    CCGACCUU-AGCUCAGUU-GU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 57
chr-8.trna52-Tyr-GTA    CCGAUCUU-AGCUCAGUUUGU-AGAGCAGAGGACUGUAGAUCCUUAGGUUGCUGGUUGGA 58
chr-8.trna30-Tyr-GTA    CCAACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCAA 58
chr-8.trna22-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCGA 58
chr-8.trna40-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGGUCGCUGGUUCAA 58
chr-8.trna32-Tyr-GTA    GUGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGGUCCUUAGGUCGCUGAUUCGA 58
chr-8.trna29-Tyr-GTA    CCAACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAUAACCUUAGGUCGCUGGUUCGA 58
chr-8.trna39-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGGUCGUUAGGUUGCUGGUUCGA 58
chr-8.trna61-Tyr-GTA    CCGACCUU-AGCUCAGUUGGU-AGAGCGGAGGACUGUAGAUACUUAGGUCCCAGGUUCGA 58
chr-8.trna46-Tyr-GTA    CCGACCUU-AGCUCAGCUGGC-AGAGUGGAGGACUGUAUAUCCUUAGGUUGCUGGUUCAA 58
chr-8.trna18-Tyr-GTA    CGGACCUC-AGCUCAGUUGGU-AAAGUGGUGGACUGUAAAUCCUUAGGUUGCUGGUUUUA 58
chr-8.trna24-Tyr-GTA    CGGACCUU-AGCUCAGUUGGU-AUAGUGGUGGACUGUACAUCCUUAGGUUGCUGGUUUUA 58
chr-8.trna21-Tyr-GTA    CAGACCUU-AGCUUAGUUGGU-AAAGUGGUGGACUGUAAAUCAUUAGGUUGCUGGUUUUA 58
chr-5.trna61-Tyr-GTA    UCCUCAAU-AGCUCAG-UGGU-GAAGCGGUCGGUUGUAAACUGAUUGGUCGUAGGUUCGA 57
chr-8.trna60-Tyr-GTA    UCUGAUCUAAUCUCAGUUGGU-AGAGCGGAGGACUGUAGAUCCUUAGAUCGCUGAUUCAA 59
chr-8.trna51-Tyr-GTA    --GACCUU--AUUCAGUUGGU-AGAGAGGAGGACUGUAGAUCCUUAGGCUGCUGGUCCGA 55
chr-1.trna69-Tyr-GTA    GCGGAUGU-AGCCAAGUGGAUCAAGGCAGUGUAUUGUAAAUCCACCACGCGCAGGUUCGA 59
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                          ..)))))..)))))))
chr-3.trna78-Tyr-GTA    UUCCGGC-AGGUCGGA 73
chr-4.trna22-Tyr-GTA    UUCCGGC-AGGUCGGA 73
chr-7.trna37-Tyr-GTA    UUCCGGC-AGGUCGGA 73
chr-8.trna58-Tyr-GTA    UUCCGGC-AGGUCGGA 73
chr-3.trna77-Tyr-GTA    UUCCGGU-AGGUCGGA 73
chr-4.trna37-Tyr-GTA    AUCCGGU-AGGUCGGA 73
chr-1.trna27-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-6.trna60-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna8-Tyr-GTA     AUCCGGC-AGGUCGGA 73
chr-8.trna9-Tyr-GTA     AUCCGGC-AGGUCGGA 73
chr-8.trna11-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna12-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna13-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna59-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna14-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna57-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna15-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna16-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna54-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna53-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna17-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna19-Tyr-GTA    AUCCGGC-AGGUCGGA 73
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chr-8.trna23-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna41-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna25-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna26-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna38-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna31-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna36-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna35-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna34-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna55-Tyr-GTA    AUCCGGU-AGGUCGGA 73
chr-8.trna56-Tyr-GTA    AUCCGGC-AGGUCGGA 73
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chr-9.trna39-Tyr-GTA    UUCCGGC-AGGUCGGA 73
chr-8.trna4-Tyr-GTA     UUCCGGC-AGGUCGGA 73
chr-8.trna5-Tyr-GTA     UUCCGGC-AGGUCGGA 73
chr-8.trna6-Tyr-GTA     UUCCGGC-AGGUCGGA 73
chr-8.trna7-Tyr-GTA     UUCCGGC-AGGUCGGA 73
chr-8.trna69-Tyr-GTA    UUCCGGC-AGGUCGGA 73
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chr-8.trna37-Tyr-GTA    AUCCGGC-AGGUCGGA 72
chr-8.trna52-Tyr-GTA    AUCCGGC-AGGUCGGA 73
chr-8.trna30-Tyr-GTA    AUCUGGC-AGGUUGGA 73
chr-8.trna22-Tyr-GTA    AUCUGGC-AGGUCGGA 73
chr-8.trna40-Tyr-GTA    AUCUGGC-AGGUCGCA 73
chr-8.trna32-Tyr-GTA    AUCUGGC-AGGUCGGA 73
chr-8.trna29-Tyr-GTA    AGCCGGC-AGGUCGGA 73
chr-8.trna39-Tyr-GTA    AUCCGGC-UGGUCGGG 73
chr-8.trna61-Tyr-GTA    AUCCGUU-AGGUCGGA 73
chr-8.trna46-Tyr-GTA    AUCUGAC-AGGUCGGA 73
chr-8.trna18-Tyr-GTA    AUCCAGC-AGGUCAGA 73
chr-8.trna24-Tyr-GTA    AUCCAGC-AGGUCAGA 73
chr-8.trna21-Tyr-GTA    AUCCAGC-AGGUCAGA 73
chr-5.trna61-Tyr-GTA    AUCUUAC-UUGGAGAG 72
chr-8.trna60-Tyr-GTA    AUCCGGCAAGUCGGAC 75
chr-8.trna51-Tyr-GTA    AUCCGGC-AGGCUCCA 70
chr-1.trna69-Tyr-GTA    UCCCUGU-CGUUCGCC 74
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