```
                          ((.(((((..(((.((.....)).)))((((((.......))))))((........)).
chr-4.trna42-Leu-TAG      GU-CGCUAUGGUGAAAUUGGU--------AGACACGCUCCUCUUAGGCU-----AGAGCA 46
chr-4.trna38-Leu-TAA      AU-UAGAAUGGUGUAGUGGAA--------GCGUGGUGAGCCUAAAACCC-----ACAGAU 46
chr-11.trna8-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGUGUUAGACUCAAGUUCUGGUCUUUGAAAGAGGG 58
chr-3.trna178-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGUCGUCAGACUCAAAUUCUGGUCUUCGAAAGAGUG 58
chr-4.trna99-Leu-CAA      GU-UAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUUGAAAGAGGG 58
chr-3.trna35-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-3.trna82-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-8.trna68-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-11.trna5-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-11.trna51-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-11.trna73-Leu-CAA     GU-UAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-11.trna9-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-11.trna7-Leu-CAA      GU-UAGGAUGGCCGAG-UGGUUUAAGGCACCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-4.trna106-Leu-CAA     GU-CAGAAUGGCCGAG-UGGUCUAAAGCGCCAGACUCAAGUUCUGGUCCUUGAAAGAGGG 58
chr-11.trna160-Leu-CAA    GU-CAGGAUGGCCGAG-UGGUCUAAGGUGCCAGACUCAAGUUCUGGUUUUCGAAAGAGGG 58
chr-1.trna123-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGUGAGAAGG 58
chr-1.trna124-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGUGAGAAGG 58
chr-1.trna125-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGUGAGAAGG 58
chr-11.trna157-Leu-CAA    GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCUUCGUGAGAAGG 58
chr-6.trna27-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCGUUUGAGGG 58
chr-8.trna139-Leu-CAA     GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCAUUUGAGGG 58
chr-9.trna62-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCUAUCGAGGG 58
chr-4.trna30-Leu-CAA      GU-UAGGAUGGUCGAG-UGGUCUAAGGUGCCAGACUCAAGUUCUGGUCUUCGAAAGAGGG 58
chr-4.trna102-Leu-CAA     GU-UAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUUGAAAGAGGG 58
chr-6.trna28-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGCCAGACUCAAGUUCUGGUCCUCGUUUGAGGG 58
chr-11.trna6-Leu-CAA      GU-UAGGAUGGCCGAG-CGGUCUAAGGAACCAGACUCAAGUUUGGUCUUUAAAAGAGGG 58
chr-3.trna56-Leu-TAA      GC-UGGUUUGCCCGAG-AGGU-UAAGGGGGGAGACUUAAGAUCUUCUGCACAAAAGUGCG 57
chr-1.trna61-Leu-TAA      GC-UGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCAGUCAACUGCG 57
chr-11.trna68-Leu-TAA     GC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACUCAAGUGCG 57
chr-7.trna5-Leu-TAA       GC-AGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCG 57
chr-7.trna138-Leu-TAA     GC-AGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCG 57
chr-10.trna54-Leu-TAA     GC-AGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCG 57
chr-11.trna66-Leu-TAA     GC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCG 57
chr-11.trna67-Leu-TAA     GC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCACAUAAGUGCG 57
chr-6.trna54-Leu-TAA      GC-UGGUUUGCCCGAG-UGGU-UAAGGGGGAAGACUUAAGAUCUUCUGCAUAUAAGUGCG 57
chr-10.trna60-Leu-TAA     GC-UGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAAGAUCUUCUGUACAAAAGUACG 57
chr-10.trna61-Leu-TAA     GC-UGGUUUGCCCGAG-AGGU-UAAGGGGGAAGACUUAAGAUCUUUUGCACAAAAGUGCG 57
chr-4.trna98-Leu-CAA      GU-CAGGAUGGCCGAG-UGGUCUAAGGCGACAGACUCAAGUUCUGGUAUUUGAAAGAGGG 58
chr-11.trna143-Leu-AAG    GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCUAGAUUAAGGUUUUGGUCUG---AAA-GGG 55
chr-11.trna32-Leu-AAG     GU-UGAGAUAGCCGAGUUGGUCUAAGGCGUCAGAUUAAGGUUCUAGUCUG---AAA-GGG 55
chr-4.trna7-Leu-AAG       GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUUUGGUCCG---AAA-GGG 55
chr-11.trna144-Leu-AAG    GU-UGAGAUGGUCGAGUUGGUCUAAGGCGCCAAAUUAAGGUUUUGGUCUG---AAA-GGG 55
chr-11.trna146-Leu-AAG    GU-UGAGAUGGUCGAGUUGGUCUAAGGCGCCAAAUUAAGGUUUUGGUCUG---AAA-GGG 55
chr-11.trna28-Leu-AAG     GU-UGAGAUGGCUGAGUUGGUCUAAAGUGUCAGAUUAAGGUUUUGGUCUA---AAA-GGG 55
chr-11.trna164-Leu-AAG    GU-UGAGAUGGUUGAGUUGGUCUAAGGUGCCAGAUUAAGGUUUUGGUCCA---AAA-GGG 55
chr-11.trna29-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCUAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-11.trna162-Leu-AAG    GU-UGAGAUGGCCGAGUUGGUCUAAGGCGUCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-10.trna80-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGUCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-2.trna100-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-1.trna28-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-3.trna18-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-11.trna19-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-3.trna19-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-11.trna163-Leu-AAG    GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-4.trna5-Leu-AAG       GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-4.trna122-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-7.trna102-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-11.trna84-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-1.trna62-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-9.trna87-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-11.trna131-Leu-AAG    GU-UGAGAUGGCUGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-5.trna59-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCAUCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-11.trna31-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-11.trna153-Leu-AAG    GU-UGAGAUGGCCGAGUUGGUUUAAGGCGCCAGAUUAAGGUUCUGGUCCG---AAA-GGG 55
chr-3.trna172-Leu-CAG     GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCCG---AAA-GGG 55
chr-4.trna1-Leu-CAG       GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCCG---AAA-GGG 55
chr-5.trna112-Leu-CAG     GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCCG---AAA-GGG 55
chr-5.trna113-Leu-CAG     GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCCG---AAA-GGG 55
chr-6.trna48-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCCG---AAA-GGG 55
chr-7.trna83-Leu-CAG      GU-CAAGAUGGCCGAGUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCCG---AAA-GGG 55
chr-11.trna22-Leu-AAG     GU-UGAGAUGACCGAGUUCGUCUAAGGCGCCAAAUUAAGGUUUUGGUCCG---AAA-GGG 55
chr-11.trna1-Leu-AAG      GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCUAGAUUAAGGUUCUGGUCCG---A-A-GGG 54
chr-8.trna1-Leu-CAG       GU-CAAGAUGGCCGCCUUGGUCUAAGGCGCCAGUUUCAGGUACUGGUCCG---AAA-GGG 55
chr-10.trna64-Leu-AAG     GU-UGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGAUUCUGGUCCG---AAA-GGG 55
chr-1.trna85-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-2.trna62-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-9.trna64-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-7.trna36-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-9.trna36-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-1.trna9-Leu-TAG       GA-CGGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-2.trna103-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-11.trna13-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGUGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-5.trna30-Leu-TAG      GA-UAGUUUGGCUGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCUG---AAA-GGG 54
chr-2.trna104-Leu-TAG     GA-UAGUUUGGCUGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-7.trna86-Leu-TAG      GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAGAUUUAGGCUCUGGUCCG---AAA-GUG 54
chr-6.trna106-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCUAGAUUUAGGCUCUAGUCCG---AAA-GGG 54
chr-6.trna109-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCUAGAUUUAGGCUCUAGUUCG---AAA-GGG 54
chr-6.trna18-Leu-TAG      GA-CAGUUUGGUCGAG-UGGUCUAAGGCGCUAGAUUUAGGCUCUAGUCCG---AAA-GGG 54
chr-6.trna21-Leu-TAG      GA-UAGUUUGGCCGAG-UGGUCUAAGGCGUUAGAUUUAGGCUCUAGUCCG---AAA-GGG 54
chr-2.trna101-Leu-TAG     GA-CAGUUUGGCCGAG-UGGUCUAAGGCGCCAAAUUUAGGCUCUGGUCCG---AAA-GGG 54
chr-11.trna14-Leu-TAG     GA-CAGUUUGGCCAAG-UGGUCUAAGGUGCCAGAUUUAGGCUCUGGUCCG---GAA-GGG 54
chr-6.trna108-Leu-TAG     GA-UAGUUUGGUUGAG-UGGUCUAAGCUGCUAGAUUUAGGCUCUAGUCUG---AAA-CGG 54
chr-11.trna12-Leu-TAG     GA-CAAUUUGGCUGAG-UGGUCUAAGGUGCCAAAUUUAGGCUCUAGUCUG---AAA-GGG 54
chr-11.trna145-Leu-AAG    GU-UGAGAUGGCCGAGUUGGUUUAAGGUGCCAGAUUAAGGUUCUGGUCCG---AAAGGGG 56
chr-6.trna19-Leu-TAG      GA-UAAUUUGGCUGAG-UGGUUUACGGCACUAGAUUUAGGUUCUAGUCUG---AAA-GGG 54
chr-6.trna17-Leu-TAG      GA-UAAUUUGGCUGAG-UGGUUUACGGCACUAGAUUUAGGUUCUAGUUUG---AAA-GGG 54
chr-6.trna107-Leu-TAG     GGACAGUUUGGCCGAG-UGGUCUAAGGCGCUAGAUUUAGGCUCUAGUCUG---AAA-GGG 55
chr-8.trna15-Leu-CAA      GC-CUUGGUGGUGAAA-UGGU-AGACACGCGAGACUCAAAAUCUUGUGCU--AAAGAGCG 55
chr-8.trna96-Leu-TAG      GU-CGCUAUGGUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGCU----AGAGCA 54
chr-1.trna65-Leu-TAG      GC-CGCUAUGGUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGCU----AGAGCA 54
chr-11.trna125-Leu-TAG    GC-CGCUAUGGUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGCU----AGAGCA 54
chr-5.trna23-Leu-TAG      GC-CGCUAUGGUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGCU----AGAGCA 54
chr-5.trna81-Leu-TAG      GC-CGCUAUGGUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGCU----AGAGCA 54
chr-6.trna26-Leu-TAG      GC-CGCUAUGGUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGCU----AGAGCA 54
chr-11.trna41-Leu-TAG     GC-CGCUAUGGUGAAAUUGGU-AGACACGCUGCUCUUAGGAAGCAGUGCU----AGAGCA 54
chr-3.trna46-Leu-TAA      GG-CCUAUUAGCUCAGUUGGUU--AGAGUGUCGUGCUAAUAACGACG----------GU 46
chr-11.trna133-Leu-TAG    UG-UGAAUUGGCA-UAGUGGUUG--UGCUUUGGUCUUAGGAAUGGAA----------GGU 46
                          .........10........20........30........40........50.........

                          .(((((.......)))))..........).
chr-4.trna42-Leu-TAG      UCUCGGUUCGAGUCUGAGUAGCGGCA 72
chr-4.trna38-Leu-TAA      CCUAGGAUCAAAACUUGGCUCUGAUA 72
chr-11.trna8-Leu-CAA      UGUGGGUUCAAAUCCCAUUUUUGACA 84
chr-3.trna178-Leu-CAA     CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-4.trna99-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-3.trna35-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-3.trna82-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-8.trna68-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-11.trna5-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-11.trna51-Leu-CAA     CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-11.trna73-Leu-CAA     CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-11.trna9-Leu-CAA      CGUGGGUUCAAAUUUCACUUCUGACA 84
chr-11.trna7-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-4.trna106-Leu-CAA     CGUGGGUUCAAAUCUCACUUUUGACA 84
chr-11.trna160-Leu-CAA    UGUGGGUUCAAAUCCCACUUUUGACA 84
chr-1.trna123-Leu-CAA     CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-1.trna124-Leu-CAA     CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-1.trna125-Leu-CAA     CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-11.trna157-Leu-CAA    CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-6.trna27-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-8.trna139-Leu-CAA     CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-9.trna62-Leu-CAA      CGUGGGUUCAAAUCCCACUUCUGACA 84
chr-4.trna30-Leu-CAA      AAUGGGUUCAAAUCCCAUUUCUGACA 84
chr-4.trna102-Leu-CAA     CGUGGGUUUAAAUCCCAGUUUUGACA 84
chr-6.trna28-Leu-CAA      CGUGGGUUCAAAUCCCACUUUCUACA 84
chr-11.trna6-Leu-CAA      UGUGGGUUCAAAUCCCACUUCUAAAA 84
chr-3.trna56-Leu-TAA      CGUGGGGUCAAACCCCACAGCCAGCA 83
chr-1.trna61-Leu-TAA      CAUGGGUUCGAACCCCAUAGCCAGCA 83
chr-11.trna68-Leu-TAA     CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-7.trna5-Leu-TAA       CGUGGGUUCGAACCCCACAGCCUGCA 83
chr-7.trna138-Leu-TAA     CGUGGGUUCGAACCCCACAGCCUGCA 83
chr-10.trna54-Leu-TAA     CGUGGGUUCGAACCCCACAGCCUGCA 83
chr-11.trna66-Leu-TAA     CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-11.trna67-Leu-TAA     CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-6.trna54-Leu-TAA      CGUGGGUUCGAACCCCACAGCCAGCA 83
chr-10.trna60-Leu-TAA     CGUGGGUUCGAACCCCACAGCUAGCA 83
chr-10.trna61-Leu-TAA     CGUGGGUUCAAACCUCACAGCCAACA 83
chr-4.trna98-Leu-CAA      CAUGGGUUCAAAUCCCUUUUCUGACA 84
chr-11.trna143-Leu-AAG    CGUGAGUUCAAAUCCCACUCUCUACA 81
chr-11.trna32-Leu-AAG     CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-4.trna7-Leu-AAG       CGUGGGUUCAAAUCCCAUUCUCAACA 81
chr-11.trna144-Leu-AAG    CGUGGGUUCACAUCCCACUCUCAACA 81
chr-11.trna146-Leu-AAG    CGUGGGUUCACAUCCCACUCUCGACA 81
chr-11.trna28-Leu-AAG     UAUGGGUUCAAAUCCCAUUCUUAACA 81
chr-11.trna164-Leu-AAG    UGUGGGUUCAAAUCCCAUUCUCAACA 81
chr-11.trna29-Leu-AAG     CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-11.trna162-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-10.trna80-Leu-AAG     CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-2.trna100-Leu-AAG     CGUGGGUUCAAAUUUCACUCUCAACA 81
chr-1.trna28-Leu-AAG      CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-3.trna18-Leu-AAG      CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-11.trna19-Leu-AAG     CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-3.trna19-Leu-AAG      CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-11.trna163-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-4.trna5-Leu-AAG       CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-4.trna122-Leu-AAG     CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-7.trna102-Leu-AAG     CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-11.trna84-Leu-AAG     CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-1.trna62-Leu-AAG      CGUGGGUUCAAAUCCUACUCUCAACA 81
chr-9.trna87-Leu-AAG      CGUGGGUUCAAAUCCCAUUCUCAACA 81
chr-11.trna131-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-5.trna59-Leu-AAG      CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-11.trna31-Leu-AAG     UGUGGGUUCAAAUCCCACUCUCAACA 81
chr-11.trna153-Leu-AAG    CGUGGGUUCAAAUCCCACUCUCAACA 81
chr-3.trna172-Leu-CAG     CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-4.trna1-Leu-CAG       CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-5.trna112-Leu-CAG     CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-5.trna113-Leu-CAG     CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-6.trna48-Leu-CAG      CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-7.trna83-Leu-CAG      CAUGGGUUCGAAUCCCAUUCUUGACA 81
chr-11.trna22-Leu-AAG     CGUGGGUUUAAAUCCCACUCUCAACA 81
chr-11.trna1-Leu-AAG      CGUGGGUUCAAAUCCCACUCUCAACA 80
chr-8.trna1-Leu-CAG       CAUGGGUUCGAAUUCCAUUCUUGACA 81
chr-10.trna64-Leu-AAG     CGUAGAUUCAAAUCUCACUCUCAACA 81
chr-1.trna85-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-2.trna62-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-9.trna64-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-7.trna36-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-9.trna36-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-1.trna9-Leu-TAG       CGUGGGUUCAAAUCCCACAGCCGUCA 80
chr-2.trna103-Leu-TAG     CGUGGGUUCAAAUCCCAUAGCUGUCA 80
chr-11.trna13-Leu-TAG     CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-5.trna30-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-2.trna104-Leu-TAG     CGUGGGUUCAAAUCCCACAGUUGUCA 80
chr-7.trna86-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-6.trna106-Leu-TAG     CGUGGGUUCAAAUCCCACAACUGUCA 80
chr-6.trna109-Leu-TAG     CGUGGGUUCAAAUCCCACAGUUGUCA 80
chr-6.trna18-Leu-TAG      CGUGGGUUCAAAUCCCACAGCUGUCA 80
chr-6.trna21-Leu-TAG      CGUGGGUUCAAAUCCCACAACUGUCA 80
chr-2.trna101-Leu-TAG     CGUGAGUUCAAAUCCCACAACUGUCA 80
chr-11.trna14-Leu-TAG     CGUGGGUUUAAAUCCCACAGCUGUUG 80
chr-6.trna108-Leu-TAG     CGUGGGUUCAAAUCCCACAAUUGUCA 80
chr-11.trna12-Leu-TAG     UGUGGGUUCAAAUCCCACAGUUGUCA 80
chr-11.trna145-Leu-AAG    CGUAGGUUCGAAUCCCAUUUUCAACA 82
chr-6.trna19-Leu-TAG      UGUGGGUUCAAAUCCCAUAGUUGUCA 80
chr-6.trna17-Leu-TAG      UGUGGGUUCAAAUCCCAUAGCUGUCA 80
chr-6.trna107-Leu-TAG     CGUGAGUUCAAAUCCCACAACUACCU 81
chr-8.trna15-Leu-CAA      UGGAGGUUCGAGUCCUCUUCAAGGCA 81
chr-8.trna96-Leu-TAG      UCUCGGUUCGAGUCCAAGUAGCGGCA 80
chr-1.trna65-Leu-TAG      UCUCGGUUCGAGUCCGAGUAGCGGCA 80
chr-11.trna125-Leu-TAG    UCUCGGUUCGAGUCCGAGUAGCGGCA 80
chr-5.trna23-Leu-TAG      UCUCGGUUCGAGUCCGAGUAGCGGCA 80
chr-5.trna81-Leu-TAG      UCUCGGUUCGAGUCCGAGUAGCGGCA 80
chr-6.trna26-Leu-TAG      UCUCGGUUCGAGUCCGAGUAGCGGCA 80
chr-11.trna41-Leu-TAG     UCUCGGUUCGAGUCCGAGUAGCGGCA 80
chr-3.trna46-Leu-TAA      UACAGGUUUGAGACCUGCAUGGGCCA 72
chr-11.trna133-Leu-TAG    CAUGGGUUCAAACCUCAUAA--AUAG 70
                          .........70........80.....
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