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                                 (((((((.(((((........)))))(((((.......)))))).....(((.((.....
chr-5.trna361-Gln-TTG    AGUUAUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUUGA 57
chr-1.trna106-Gln-TTG    AGUUUUAUGGUGUAACAG-UUAGCACUCAGGACUUUGAAUCCUGC-GACUUG-GAUUUGA 57
chr-1.trna105-Gln-TTG    GGUUAUAUGGUGUAGUGG-UUAGCACUCAGGAAUUUGAAUCCUGC-GAACUG-GGUUCGA 57
chr-6.trna176-Gln-TTG    GGUUCUAUGGUGCAGUGG-UUAGCACUCAGGACUUUGAAUCCUCC-GACCUA-GGUUCGA 57
chr-11.trna233-Gln-TTG   GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-2.trna85-Gln-TTG     GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna154-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna266-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-9.trna469-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-9.trna444-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-9.trna17-Gln-TTG     GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna271-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna272-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-1.trna102-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna319-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna420-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna422-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna423-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-6.trna443-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-5.trna360-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-6.trna178-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-5.trna362-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-5.trna406-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-6.trna175-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna273-Gln-TTG    GGUUCUAUGGCGUAGUGG-UUAGCACUCGGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-6.trna174-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUAC-GACCUG-GGUUCGA 57
chr-1.trna103-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-AAUCUG-GGUUCGA 57
chr-3.trna274-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-AACCUG-GGUUCAA 57
chr-9.trna470-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-AACCUG-GGUUCGA 57
chr-1.trna104-Gln-TTG    GGUUUUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-AACCUG-GGUUCGA 57
chr-6.trna177-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCAG-GGUUCGA 57
chr-3.trna358-Gln-TTG    GGUUCUAUGGUGUAGUAG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-3.trna421-Gln-TTG    UGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-2.trna368-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAUCACUCAGGACUUUGAAUCCUGC-GAUUUG-GGUUCGA 57
chr-3.trna237-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCGGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-2.trna369-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GUCCUG-GGUUCGA 57
chr-3.trna175-Gln-TTG    GGUUCUUUGGAGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCGA 57
chr-2.trna21-Gln-TTG     GGUUCUAUGGUGUAGUGG-UUAGCACUCAAACUUUGAAUCCUGC-GACCUG-GAUUCGA 57
chr-3.trna424-Gln-TTG    GGUUCUAUGGUGUAGUGG-UUUGCACUCAGGACUUUGAAUCCUGC-GACCUG-GGUUCUA 57
chr-2.trna366-Gln-TTG    GGUUCUAUGGCGUAGUGG-UUAGCACUCAGGACUUUGAAUCCUGC-CACCUG-GG-UCGA 56
chr-2.trna41-Gln-TTG     GAAUCUGUGGUGCAAU-G-GUAGCACAUCUGACUUUGAUGCAGAA-AAUGCG-UGUUCGA 56
chr-2.trna375-Gln-TTG    GAAUCUGUGGUGCAAU-G-UUAGCACGACUGACUUUGAUGCAGAA-AAUGUG-UGUUCGA 56
chr-10.trna99-Gln-TTG    GCCAUCUUAGCUCAGUCG-GAAGAGUGCACGGCUUUGAACCAUGUGGUUGUG-GGUUCGA 58
chr-3.trna100-Gln-TTG    GCCAUCUUAGCUCAGUCG-GAAGAGUGCAUGGCUUUGAACCAUGUGGUUGUG-GGUUCGA 58
chr-3.trna158-Gln-TTG    GCCAUCUUAGCUCAGUUG-GAAGAGCUCAUGGGUUUGAACCAUGUGGUUGUG-GGUUCGA 58
chr-7.trna237-Gln-TTG    GCCAUCUUCGCUCAGUCG-GAAGGGCGCAUAGGUUUGAACCAUGUGGUCAUG-GGUUCGA 58
chr-6.trna80-Gln-TTG     GCCAUCUUAGCUCAGUCA-GAAGAGCGCAUAGGUUUGAACCAUGUGGUCGUG-GGUUCGA 58
chr-5.trna63-Gln-TTG     GCCAUCUUAGCUCAGUCG-GAAGAGCGCAUAGGUUUGAACCAUGUGGUCGUG-GGUUCGA 58
chr-1.trna143-Gln-TTG    GCCAUCUUAGCUCAGCUG-GAAGAGCACGUGGUUUUGAACCAUGUAGUUGUG-GAUUCGA 58
chr-7.trna232-Gln-TTG    GUCAUCUUAGCUCAGCUG-GAAGAGCGCAUGGGCUUGAACCAUGUGGUCGUG-GGUUCGA 58
chr-3.trna228-Gln-TTG    GCCAUCUUAGCUCAGCUG-GAAGAGCGCAUGGGUUUGAACCAUGUGGUUGUG-GGUUCGA 58
chr-7.trna201-Gln-TTG    GCCAUCUUAGCUCAGCUG-GAAGAGCGCAUGGGCUUGAACCAUGUGGUCGUG-GGUUCGA 58
chr-5.trna254-Gln-TTG    GCCAUCUUAGCUCAGCUG-GAAGAGCGCAUGGGCUUGAACCAUGUGGUCGUG-GGUUCGA 58
chr-4.trna361-Gln-TTG    GACAUCUUAGCUCAGCUG-GAAGAGCGCAUGGGCUUGAACCAUGUGAUCGUG-GGUUCGA 58
chr-4.trna123-Gln-TTG    GCCAUCUUAACUCAGCUG-GAAGAGCCCAUGGGCUUGAACCAUGUGGUCGUG-GGUUCGA 58
chr-5.trna160-Gln-TTG    GCCAUCUUAGCUCAGCUG-GAAGAGCGCAUCGGUUUGAACCAUGUGGUGGUG-GGUUCAA 58
chr-8.trna131-Gln-TTG    GCUAUCUUAUCUCAAAUG-GAAGAGCACAUGGUUUUGAACCAUGUAGAUGUGUGGUUCGA 59
chr-1.trna257-Gln-TTG    ACCGUCUUAGCUCAG-UG-GUAGAGCGUGUGGUGUUGCGCCUCAUGGUCGUG-GGUUCGA 57
chr-1.trna448-Gln-TTG    UGGGGCGUGGCCAAGCGG--UAAGGCAACGGGUUUUGGUCCCGCGACUCGGA-UGUUCGA 57
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chr-1.trna156-Gln-TTG    UGGGGCGUGGCCAAGCUG--UAAGGCAACGGGUUUUGGUCCCGCGACUCGGA-GGUUCGA 57
chr-1.trna271-Gln-TTG    UGGGGCGUGGCCAAGCGG--UAAGGCAACGGGUUUUGGUCCCGCGACUCGGA-GGUUUGA 57
chr-11.trna276-Gln-TTG   UGCGGCGUGGCCAAGCGU--UAAGGCAACGGGUUUUGGUCCCGCGACUCGGA-GGUUCGA 57
chr-7.trna161-Gln-TTG    UGGGUCGUGGCCAAGCGG--UAAGGCAACGGGUUUUGGUCCCGCGACUCGGA-GGUUCGA 57
chr-6.trna195-Gln-TTG    UGGGGCGUGGCCAAGCGG--UAAGGCAAUGGGUUUUGGUCCCGGGACUCGGA-GGUUCGA 57
chr-7.trna323-Gln-TTG    UGGGGCUUGGCCAAGCGG--UAAGGCAAUGGGUUUUGGUCCCGCGACUCGGA-GGUUCGA 57
chr-2.trna269-Gln-TTG    UGGAGUAUAGCCAAGUGG--CAAGGCACCGGUUUUUGAUACCGGCAUGCAAA-GGUUCGA 57
chr-5.trna151-Gln-TTG    UGGAGUAUAGCCAAGUGG--CAAGGCACCGGUUUUUGAUACCGGCAUGCAAA-GGUUCGA 57
chr-5.trna41-Gln-TTG     UGGAGUAUAGCCAAGUGG--CAAGGCACCGGUUUUUGAUACCGGCAUGCAAA-GGUUCAA 57
chr-7.trna173-Gln-TTG    UGGAGUUUAGCCAAGUGG--CAAGGCACCGGGUUUUGAUACCGGCAUGCAAA-GGUUCGA 57
chr-5.trna53-Gln-TTG     GCGGAUGUAGCCAAGUGGUUCAAGGAAGUGGAUUUUGAAUCCAUGAUCCGCG-GGUUCAA 59
chr-2.trna406-Gln-TTG    GCGGAUAUAUCCAAGUUGUUCAAGGAAGUGGAUUUUGAAUCCAUGAUCCGCU-GGUUCAA 59
chr-5.trna140-Gln-TTG    AUGGAUGUAGCGCAGCUUGGUAGCGCGUUUUUUUUUGGUACAAAAUGUCACG-GGUUCAA 59
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chr-1.trna106-Gln-TTG    CUCCGGCGAG-ACCU 72
chr-1.trna105-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-6.trna176-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-11.trna233-Gln-TTG   CUCCGGUAGG-ACCU 72
chr-2.trna85-Gln-TTG     CUCCGGUAGG-ACCU 72
chr-3.trna154-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna266-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-9.trna469-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-9.trna444-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-9.trna17-Gln-TTG     CUCCGGUAGG-ACCU 72
chr-3.trna271-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna272-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-1.trna102-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna319-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna420-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna422-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna423-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-6.trna443-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-5.trna360-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-6.trna178-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-5.trna362-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-5.trna406-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-6.trna175-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna273-Gln-TTG    CUCCGGUAGA-ACCU 72
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chr-6.trna177-Gln-TTG    CUCCGGUAGG-ACAU 72
chr-3.trna358-Gln-TTG    CUCCGGUAGG-ACCU 72
chr-3.trna421-Gln-TTG    CUCCUGGUAGG-ACCU 72
chr-2.trna368-Gln-TTG    CUCCCUAUAGG-ACCU 72
chr-3.trna237-Gln-TTG    CUCCCGGUAGGCAUCU 73
chr-2.trna369-Gln-TTG    CUCCCGGUAGG-ACCU 72
chr-3.trna175-Gln-TTG    CUCCCGGUAGG-ACCU 72
chr-2.trna21-Gln-TTG     CUCC-GGUAGG-ACCU 71
chr-3.trna424-Gln-TTG    CUCCUGGUAGGAACU- 72
chr-2.trna366-Gln-TTG    UUCCCAGUAGG-ACCC 71
chr-2.trna41-Gln-TTG     UUCACGCCAGG-UUCA 71
chr-2.trna375-Gln-TTG    UUCACGCCAGG-UUCA 71
chr-10.trna99-Gln-TTG    UUCCCACAGAU-GGCC 73
chr-3.trna100-Gln-TTG    UUCCCAUAGAU-GGCG 73
chr-3.trna158-Gln-TTG    UUCCCACAGAU-GGCG 73
chr-7.trna237-Gln-TTG    UUCCCACAGAU-GGUG 73
chr-6.trna80-Gln-TTG     UUCCCACAAAU-GGUG 73
chr-5.trna63-Gln-TTG     UUCCCACAGAU-GGCG 73
chr-1.trna143-Gln-TTG    UUCCCACAGAU-GGCG 73
chr-7.trna232-Gln-TTG    UUCCCACAUAUCGAUU 74
chr-3.trna228-Gln-TTG    UUCUCACAGAU-GGCC 73
chr-7.trna201-Gln-TTG    UUCCCACAGAU-GGCU 73
chr-5.trna254-Gln-TTG    UUCCCAAAGAU-GGCU 73
chr-4.trna361-Gln-TTG    UUCCCACAGAU-GGCU 73
chr-4.trna123-Gln-TTG    UUCCCACAGAU-GGCU 73
chr-5.trna160-Gln-TTG    UUCCUGCAGAU-GGCG 73
chr-8.trna131-Gln-TTG    CUCCCACGGAU-GGUA 74
chr-1.trna257-Gln-TTG    UUCCCGCAGAC-GGAA 72
chr-1.trna448-Gln-TTG    AUCCUUCCGUC-CCAG 72
chr-1.trna394-Gln-TTG    AUCCUUCCGUC-CCCG 72
chr-1.trna156-Gln-TTG    AUCCUUCCGUC-CCAG 72
chr-1.trna271-Gln-TTG    AUCCUUCCGUC-CCAG 72
chr-11.trna276-Gln-TTG   AUCCUUCCGUC-CCAG 72
chr-7.trna161-Gln-TTG    AUCCUUCCGUC-CUAG 72
chr-6.trna195-Gln-TTG    AUCCUUCCGUC-CCAG 72
chr-7.trna323-Gln-TTG    AUCCUUCCGUC-CCAG 72
chr-2.trna269-Gln-TTG    AUCCUUUUACU-CCAG 72
chr-5.trna151-Gln-TTG    AUCCUUUUACU-CCAG 72
chr-5.trna41-Gln-TTG     AUCCUUUUACU-CCAG 72
chr-7.trna173-Gln-TTG    AUCCUUUUACU-CCAG 72
chr-5.trna53-Gln-TTG     UACCUGUCAUU-CGCC 74
chr-2.trna406-Gln-TTG    UCCCAGUCAUU-CGCC 74
chr-5.trna140-Gln-TTG    AUCCUGUCAUC-CCUA 74
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