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                          (((((((...((((.........)))).((((.........)))).....(((((....
chr-B08.trna218-Met-CAT   GGGUGA-U-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 57
chr-B06.trna264-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGUGCGUAGGUCUCAUAAUCCUAAGGUCCGAGAGUUCG 59
chr-A02.trna62-Met-CAT    GGGGUGGU-GGCACAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCA 58
chr-A02.trna63-Met-CAT    GGGGUGGU-GGCACAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCA 58
chr-A02.trna61-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGCU-CGAGAGUUCG 58
chr-B10.trna248-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A08.trna83-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B10.trna20-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B08.trna222-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A02.trna97-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A02.trna118-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A03.trna7-Met-CAT     GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A03.trna150-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A07.trna29-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B03.trna251-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B03.trna250-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B03.trna32-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A08.trna45-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A08.trna82-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B02.trna6-Met-CAT     GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B08.trna223-Met-CAT   GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B02.trna4-Met-CAT     GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B03.trna8-Met-CAT     GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A02.trna50-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGUGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A10.trna44-Met-CAT    GGGGUGGU-GGCGCAGUUGGUUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-A07.trna30-Met-CAT    GGGGUGGU-GGCGCAGUUGGUUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B08.trna217-Met-CAT   GGGGUGAU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B02.trna17-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCA 58
chr-A03.trna31-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGUUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B02.trna5-Met-CAT     GGAGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B06.trna28-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGUGCGUAGGUCUCAUAAUCCUAAGGU-CGAGAGUUCG 58
chr-A06.trna19-Met-CAT    GGGGUGGU-GGCGCAGUUGGUUAGUGCGUAGGUCUCAUAAUCCUGAGGU-CGAGAGUUCG 58
chr-B06.trna29-Met-CAT    GGGGUGGU-GGCGCAGUUGGCUAGCGCGUAGGUCUCAUAAUCCUGAGGU-CAAGAGUUCG 58
chr-A05.trna18-Met-CAT    GGGCUUAU-AGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUGAUAU-UGUAGGUUCG 58
chr-B10.trna224-Met-CAT   GGGCUUAU-AGUUUAAUUGGUUGAAACGUACCGCUCAUAACGGUGAUAU-UGUAGGUUCG 58
chr-B06.trna53-Met-CAT    ACCUACUUCAACUCAG-UGGUUAGAGUAAUGCUUUCAUA-GGCG-GUAGUCAUUGGUUCA 57
chr-A02.trna43-Met-CAT    ACCUACUU-AACUCAG-UGGUUAGAGUAUUGCUUUCAUACGGCA-GUAGUCAUUGGUUCA 57
chr-B01.trna94-Met-CAT    ACCUACUU-AACUCAG-UAGUUAGAGUAUUGCUUUCAUACGGCG-GUAGUCAUUGGUUCA 57
chr-A07.trna88-Met-CAT    ACAUACUU-AACUCAG-UGGUUAGAGUAUUGCUUUCAUACGGUG-GUAGUCAUUGGUUCA 57
chr-A07.trna71-Met-CAT    ACCUACUU-AACUCAA-UGGUUAGAGUUUUGCUUUCAUACGGCG-GUAUUCAUUGGUUCA 57
chr-A02.trna68-Met-CAT    GCAUCCAU-GGCUGAA-UGGUUACAGCGCCCAACUCAUAAUUGGCAAAUUUGUAGGUUCA 58
chr-A03.trna1-Met-CAT     GCAUCCAU-GGCUGAA-UGGUUAAAGCGUCCAACUCAUAAUUGGCGAAUUCGUAGGUUCA 58
chr-B08.trna109-Met-CAT   GCAUCCAU-GGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUCGUAGGUUCA 58
chr-B05.trna108-Met-CAT   GCAUCCAU-GGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUCGUAGGUUCA 58
chr-B02.trna53-Met-CAT    GCAUCCAU-GGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUCGUAGGUUCA 58
chr-A01.trna3-Met-CAT     GCAUCCAU-GGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUCGUAGGUUCA 58
chr-A09.trna10-Met-CAT    GCAUCCAU-GGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUCGUAGGUUCA 58
chr-A03.trna55-Met-CAT    GCAUCCAU-GGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUUGCGAAUUCGUAGGUUCA 58
chr-A05.trna33-Met-CAT    GUAUCCAU-GGCUGAA-UGGUUAAAGCACCCAACUCAUAAUUGGCGAAUUCAUAGGUUCA 58
chr-B06.trna280-Met-CAT   GCAUCCAU-GGCUGAA-UGGUUAAAGCACCUAACUCAUAAUUGGCGAAUUCGUAGGUUCA 58
chr-A05.trna3-Met-CAT     GG----AA-GGCUGAA-UGGUUAAAGCGCCCAACUCAUAAUUGGCGAAUUCGUAGGUUCA 54
chr-B06.trna220-Met-CAT   CGCGGGGU-AGAGCAGCUUGGUAGCUCGCAAGGCUCAUAACCUUGAGGU-CACGGGUUCA 58
chr-A07.trna15-Met-CAT    -GAGGGGU-AGAGCAGCUUGGUAGCUCGCAAGGCUCAUAACCUUGAGGU-CACGGGUUCA 57
chr-B06.trna51-Met-CAT    CGCGGGGU-AGAG-AGCUUGGUAGCUCGCAAGGCUCAUAACCUUGAGGU--ACGGGUUCA 56
chr-B10.trna145-Met-CAT   AGCAGGGU-AGAGUAGUUGGUUAACUCGUUAGGCUCAUGACCUGAAGCU-UGCAGGUUCA 58
chr-B06.trna87-Met-CAT    -GCGGGGU-AGAGGAAUUGGUCAACUCAUCAGGCUCAUGACCUGAAAAC-UACAGGUUCG 57
chr-A07.trna16-Met-CAT    AGCGGGGU-AGAGGAAUUGGUCAACUCAUCAGGCUCAUGACCUGAAGAU-UGCAGGUUCG 58
chr-A01.trna40-Met-CAT    AGCGGGGU-AGAGGAAUUGGUCAACUCAUCAGGCUCAUGACCUGAAAAC-UGCAGGUUCG 58
chr-B01.trna109-Met-CAT   AGCGGGGU-AGAGGAAUUGGUCAACUCAUCAGGCUCAUGACCUGAAAAC-UGCAGGUUCG 58
chr-A07.trna36-Met-CAT    AGCAGGGU-AGAGGAAUUGGUCAACUCAUUAGGCUCAUGACCUGAAAAU-UGCAGAUUCG 58
chr-A05.trna37-Met-CAT    AGCGGGGU-GGAGUAGUUGGUUAACUCGUCAGGCUCAUGACCUGAAGAU-UGCAGGUUCG 58
chr-B08.trna174-Met-CAT   AGCGGGGU-AGAGGAAUUGGUCAACUCAUCAGGCUCAUGACCUAAAAAC-UGCAGGUUCG 58
chr-B10.trna45-Met-CAT    AGCGGGGU-AGAGAAA-UGGCUAACUCAUCAGGCUCAUAACCUGAAUUU-UGCAGGUUCG 57
chr-A01.trna28-Met-CAT    ACUU-----AACUCAG-UGGUUAGAGUAUUACUUUCAUACGGCGGUAGU-CAUUGGUUCA 53
                          .........10........20........30........40........50.........
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chr-B08.trna218-Met-CAT   AGCUUCUCUUCA--UCUCCU 75
chr-B06.trna264-Met-CAT   AGCCUCUCUCAC----CCCA 75
chr-A02.trna62-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A02.trna63-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A02.trna61-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-B10.trna248-Met-CAT   AGCCUCUCUCAC----CCCA 74
chr-A08.trna83-Met-CAT    AGCCUUUCUCAC----CCCA 74
chr-B10.trna20-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-B08.trna222-Met-CAT   AGCCUCUCUCAC----CCCA 74
chr-A02.trna97-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A02.trna118-Met-CAT   AGCCUCUCUCAC----CCCA 74
chr-A03.trna7-Met-CAT     AGCCUCUCUCAC----CCCA 74
chr-A03.trna150-Met-CAT   AGCCUCUCUCAC----CCCA 74
chr-A07.trna29-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-B03.trna251-Met-CAT   AGCCUCUCUCAC----CCCA 74
chr-B03.trna250-Met-CAT   AGCCUCUCUCAC----CCCA 74
chr-B03.trna32-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A08.trna45-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A08.trna82-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-B02.trna6-Met-CAT     AGCCUCUCUCAC----CCCA 74
chr-B08.trna223-Met-CAT   AGCCUCUCUCAC----CCCA 74
chr-B02.trna4-Met-CAT     AGCCUCUCUCAC----CCCA 74
chr-B03.trna8-Met-CAT     AGCCUCUCUCAC----CCUA 74
chr-A02.trna50-Met-CAT    AGCCUCUCUCAU----CCCA 74
chr-A10.trna44-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A07.trna30-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-B08.trna217-Met-CAT   AGCUUCUCUCAC----CCCA 74
chr-B02.trna17-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A03.trna31-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-B02.trna5-Met-CAT     AGCCUCUCUCAC----CCCA 74
chr-B06.trna28-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-A06.trna19-Met-CAT    AGCCUCUCUCAC----CCCA 74
chr-B06.trna29-Met-CAT    AGUGUCUCUCAC----ACCA 74
chr-A05.trna18-Met-CAT    AGCCCUACUAAG----CCUA 74
chr-B10.trna224-Met-CAT   AGCCCUACUAAG----CCUA 74
chr-B06.trna53-Met-CAT    AUUCCAAUAGUA----GGUA 73
chr-A02.trna43-Met-CAT    AAUCCAAUAGUA----GGUA 73
chr-B01.trna94-Met-CAT    AAUCCAAUAGUA----GGUA 73
chr-A07.trna88-Met-CAT    AAUCCAAUAGUA----GGUA 73
chr-A07.trna71-Met-CAT    AAUCCAAUAGUA----GGUA 73
chr-A02.trna68-Met-CAT    AUUCCUACUGGA----UGCA 74
chr-A03.trna1-Met-CAT     AUUCCUACUGGA----UGUA 74
chr-B08.trna109-Met-CAT   UUUCCUACUGGA----UGCA 74
chr-B05.trna108-Met-CAT   AUUCCUACUGGA----CGCA 74
chr-B02.trna53-Met-CAT    AUUCCUAUUGGA----UGCA 74
chr-A01.trna3-Met-CAT     AUUCCUACUGGA----UAAA 74
chr-A09.trna10-Met-CAT    AUUCCUACUGGA----UACA 74
chr-A03.trna55-Met-CAT    AUUCCUACUGGA----UGCA 74
chr-A05.trna33-Met-CAT    AUUCCUAUUGGA----UGCA 74
chr-B06.trna280-Met-CAT   AUUCCUAUUAGA----UGUA 74
chr-A05.trna3-Met-CAT     AUUCCUACUGGA----UGCA 70
chr-B06.trna220-Met-CAT   AAUCCCGUCUCC----ACAA 74
chr-A07.trna15-Met-CAT    AAUCCCGUCUCC----AUUA 73
chr-B06.trna51-Met-CAT    AAUCCCGUCUCC----GCAA 72
chr-B10.trna145-Met-CAT   AAUCUUGCCCCGCCAUGUCU 78
chr-B06.trna87-Met-CAT    AAUCCUG-CCCC---CACCU 73
chr-A07.trna16-Met-CAT    AAUCCUG-UCCC---CGCCU 74
chr-A01.trna40-Met-CAT    AAUCCUG-CCCC---CGCCU 74
chr-B01.trna109-Met-CAT   AAUCCUG-CCCC---CGCCU 74
chr-A07.trna36-Met-CAT    AAUUCUG-CCCC---CGCCU 74
chr-A05.trna37-Met-CAT    AAUCCUG-CCCC---CGCCA 74
chr-B08.trna174-Met-CAT   AAUCCUUCCCCC---CGCCU 75
chr-B10.trna45-Met-CAT    AAUCCUG-UCUC---UGCCU 73
chr-A01.trna28-Met-CAT    AAUCCAAUCAUC----UAUA 69
                          .........70.........
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