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                          (((((((...((((.........)))).(((((.......)))))).....(((((.......
chr-1.trna39-Glu-TTC      UCCGUUGU-CGUCUAG-CGGUUAGGAUAUUGGUUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-7.trna123-Glu-TTC     UCCAUUGU-CGUCCAG-CGGUUAGGAUAUUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-1.trna102-Glu-TTC     UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-2.trna45-Glu-TTC      UCCGUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-2.trna47-Glu-TTC      UCCGUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-11.trna15-Glu-TTC     UCCGUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-9.trna61-Glu-TTC      UCCGUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-3.trna121-Glu-TTC     UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-5.trna114-Glu-TTC     UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-9.trna1-Glu-TTC       UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-8.trna66-Glu-TTC      UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-8.trna63-Glu-TTC      UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-6.trna33-Glu-TTC      UCCGUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-7.trna38-Glu-TTC      UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-7.trna134-Glu-TTC     UUCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCAAU 58
chr-3.trna70-Glu-TTC      UCCAUUGU-CGUCCAG-CAGUUAGGAUAUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-3.trna122-Glu-TTC     UCCAUUGU-CGUCCAG-CAGUUAGGAUAUCUGGCUUUCACCCAGGAGACCUGGGUUCAAU 58
chr-11.trna81-Glu-TTC     UCCGUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGAUCCGGGUUCAAU 58
chr-6.trna32-Glu-TTC      UCCGUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGAUCCGGGUUCGAU 58
chr-7.trna121-Glu-TTC     UCCAUUGU-CGUCCAA-CGGUUAGGAUAUUUGGCUUUCACUCAGGAGACCCGGGUUCGAU 58
chr-7.trna119-Glu-TTC     UCCAUUGU-CGUCCAG-CAAUUAGGAUAUCUGGCUUUCACCCAGGAGACCCAGGUUAGAU 58
chr-3.trna123-Glu-TTC     UCCAUUGU-CGUCUAG-CGGUUAAGAUAUCUGGCUUUCACUCAGGAGACCUGGGUUCGAU 58
chr-7.trna127-Glu-TTC     UCUAUUGU-CGUCCAA-CGGUUAGGAUAUUUAGCUUUCACCCAGGAGACUCGGGUUCGAU 58
chr-7.trna132-Glu-TTC     UCCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCAGCCAGGAGACCCGGGUUCGAU 58
chr-7.trna126-Glu-TTC     UCUAUUGU-CGUCCAG-UGGUUAGGAUCUCUGGCUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-7.trna125-Glu-TTC     UCUAUUGU-CGUCCAG-CGGUUAGGAUAUUUGGCUUUCUCCCAGGAGACCCGGGUUUGAU 58
chr-7.trna133-Glu-TTC     UUCAUUGU-CGUCCAG-CGGUUAGCAUAUCUGGCUUUCACCCAGGAGUCCCGGGUUCGAU 58
chr-7.trna136-Glu-TTC     UUCAUUGU-UGUCCAG-CGGUUAGGAUAUCUGGUUUUCACCCAGGAGAUCCGGGUUUGAU 58
chr-7.trna124-Glu-TTC     UCUAUUGU-UGUCCAG-CGGUUAGGAUAUCUGACUUUCACCCAGGAGACCCGGGUUCGAU 58
chr-7.trna118-Glu-TTC     UCCAUUGU-CGUCUAG-CGGUUAGGAUAUUUGGCUUUCAUCUAAGAGACUCGGGUUUGAU 58
chr-7.trna137-Glu-TTC     UUCAUUGU-CGUCCAG-CGGUUAGGAUAUCUGGCUUUCACCCAGGAGAUCCGAGUUUCAU 58
chr-7.trna129-Glu-TTC     UUCAUUGU-UGUCCAG-GGGUUAGGAUAUUUGGCUUUCACUAAGGAGACCCGGCUUCGAU 58
chr-7.trna131-Glu-TTC     UUCAUUGU-UGUCCAG-UGGUUAGGAUAUUUGGCUUUCACUAAGGAGACCCGGCUUCGAU 58
chr-2.trna14-Glu-TTC      UCCAUUGU-UGUCUAG-UGGUUAGGAUAUCUAGCUUUCACCCAGGAGACCCGGGUUCAAU 58
chr-5.trna76-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-6.trna30-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-6.trna31-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-11.trna78-Glu-CTC     UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-6.trna70-Glu-CTC      UCCAUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-11.trna159-Glu-CTC    UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-11.trna76-Glu-CTC     UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-11.trna152-Glu-CTC    UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUUGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-9.trna6-Glu-CTC       UCCGUUGU-AGUCUAGUUGGUUAGGAUAUUUGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-3.trna120-Glu-CTC     UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCUGAAAGACCCGGGUUCAAG 59
chr-4.trna3-Glu-CTC       UCCGUUGU-AGUCUAGUUGGUCAGGAUUUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-3.trna134-Glu-CTC     UCCGUUGU-AGUCUAGUUGAUCAGGAUAUUCGGCUCUCACCCGAAAGACUCGGGAUUAAG 59
chr-2.trna59-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-3.trna175-Glu-CTC     UCCGUUGU-AGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-6.trna46-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-7.trna72-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-3.trna27-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUCAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-6.trna86-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUCAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-9.trna60-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUCAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-7.trna90-Glu-CTC      UCUGUUGU-AGUCUAGUUGGUUAGGAUACUCGGCUCUCACCUGAGAGACCCGGGUUCAAG 59
chr-7.trna42-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCGGGUUCAAG 59
chr-2.trna58-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUCAGGAUAUUCGGCUCUCACCCGAAAGACCCGGGUUCAAG 59
chr-11.trna77-Glu-CTC     UCCGUUGU-AAUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCUGGGUUCAAG 59
chr-6.trna45-Glu-CTC      UCCGUUGU-AGUCUAGUUGGUUAGGAUACUCGGCUCUCACCCGAGAGACCCCGGUUCAAG 59
chr-6.trna4-Glu-TTC       GUCCCUUU-UGUCCAG-UGGUUAGGACACCGUCUUUUCAUUUCGAAGACACGGGUUCGAU 58
chr-11.trna54-Glu-TTC     GCCCCCAU-CAUCUAGUGGUUCAGGACAUCUCUCUUUCAAGGAGGCAGCGGGGAUUCGAC 59
chr-4.trna96-Glu-TTC      GCCCCCAU-CGUCUAGUGGUUCAGGACAUCUCUCUUUCAAGGAGGCAGCGGGGAUUCGAC 59
chr-2.trna119-Glu-TTC     GCCCCCAU-CGUCUAGUGGUUCAUGACAUCUCUCUUUCAAGGAGGCAGCGUGGAUUCGAC 59
chr-3.trna196-Glu-CTC     AUCCGUUGUAGUCUAGUUGGUUAGGAUACUCGGCUCUCAUCCGAGAGACCUGGGUUCAAG 60
                          .........10........20........30........40........50.........
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                          .)))))))))))).
chr-1.trna39-Glu-TTC      UCCCGGCAACGGAA 72
chr-7.trna123-Glu-TTC     UCCUGGCAAUGGAA 72
chr-1.trna102-Glu-TTC     UCCCGGCAAUGGAA 72
chr-2.trna45-Glu-TTC      UCCCGGCAACGGAA 72
chr-2.trna47-Glu-TTC      UCCCGGCAACGGAA 72
chr-11.trna15-Glu-TTC     UCCCGGCAACGGAA 72
chr-9.trna61-Glu-TTC      UCCCGGCAACGGAA 72
chr-3.trna121-Glu-TTC     UCCCGGCAAUGGAA 72
chr-5.trna114-Glu-TTC     UCCCGGCAAUGGAA 72
chr-9.trna1-Glu-TTC       UCCCGGCAAUGGAA 72
chr-8.trna66-Glu-TTC      UCCCGGCAAUGGAA 72
chr-8.trna63-Glu-TTC      UCCCGGCAAUGGAA 72
chr-6.trna33-Glu-TTC      UCCCGGCAACGGAA 72
chr-7.trna38-Glu-TTC      UCCCGGCAAUGGAA 72
chr-7.trna134-Glu-TTC     UCCCGGCAAUGGAA 72
chr-3.trna70-Glu-TTC      UCCCGGCAAUGGAA 72
chr-3.trna122-Glu-TTC     UCCCGGCAAUGGAA 72
chr-11.trna81-Glu-TTC     UCCCGGCAACGGAA 72
chr-6.trna32-Glu-TTC      UCCCGGCAACGGAA 72
chr-7.trna121-Glu-TTC     UCCCGGCAAUGGAA 72
chr-7.trna119-Glu-TTC     UCCUGGCAAUGGAA 72
chr-3.trna123-Glu-TTC     UCCCGGUAAUGGAA 72
chr-7.trna127-Glu-TTC     UCCCGGCAAUGGAA 72
chr-7.trna132-Glu-TTC     UCCCGGCAAUGGAA 72
chr-7.trna126-Glu-TTC     UCCCGACAAUGGAA 72
chr-7.trna125-Glu-TTC     UUCCGGCAAUGGAA 72
chr-7.trna133-Glu-TTC     UCCCGGCAAUGGAA 72
chr-7.trna136-Glu-TTC     UUCCGGCAAUGGAA 72
chr-7.trna124-Glu-TTC     UCCUGGCAAUGGAA 72
chr-7.trna118-Glu-TTC     UCCCGGCAAUGGAA 72
chr-7.trna137-Glu-TTC     UCCCGGCUAUGGAA 72
chr-7.trna129-Glu-TTC     UCCCGGCAAUGUAA 72
chr-7.trna131-Glu-TTC     UCCCGGCAAUGUAA 72
chr-2.trna14-Glu-TTC      UCCCGACAACGAAA 72
chr-5.trna76-Glu-CTC      UCCCGGCAACGGAA 73
chr-6.trna30-Glu-CTC      UCCCGGCAACGGAA 73
chr-6.trna31-Glu-CTC      UCCCGGCAACGGAA 73
chr-11.trna78-Glu-CTC     UCCCGGCAACGGAA 73
chr-6.trna70-Glu-CTC      UCCCGGCAAUGGAA 73
chr-11.trna159-Glu-CTC    UCCCGGCAACGGAA 73
chr-11.trna76-Glu-CTC     UCCCGGCAACGGAA 73
chr-11.trna152-Glu-CTC    UCCCGGCAACGGAA 73
chr-9.trna6-Glu-CTC       UCCCGGCAACGGAA 73
chr-3.trna120-Glu-CTC     UCCCGGCAACGGAA 73
chr-4.trna3-Glu-CTC       UCCCGGCAACGGAA 73
chr-3.trna134-Glu-CTC     UCCCGGCAAUGGAA 73
chr-2.trna59-Glu-CTC      UCCCGGCAACGGAA 73
chr-3.trna175-Glu-CTC     UCCCGGCAACGGAA 73
chr-6.trna46-Glu-CTC      UCCCGGCAACGGAA 73
chr-7.trna72-Glu-CTC      UCCCGGCAACGGAA 73
chr-3.trna27-Glu-CTC      UCCCGGCAACGGAA 73
chr-6.trna86-Glu-CTC      UCCCGGCAACGGAA 73
chr-9.trna60-Glu-CTC      UCCCGGCAACGGAA 73
chr-7.trna90-Glu-CTC      UCUCGGCAAUGGAA 73
chr-7.trna42-Glu-CTC      UCCCGGCAAGGGAA 73
chr-2.trna58-Glu-CTC      UCCUGGCAACGGAA 73
chr-11.trna77-Glu-CTC     UCCUGGCAACGGAA 73
chr-6.trna45-Glu-CTC      UCCCGGCAACGGAA 73
chr-6.trna4-Glu-TTC       UCCCGUAAGGGAUG 72
chr-11.trna54-Glu-TTC     UUCCCCUGGGGGUA 73
chr-4.trna96-Glu-TTC      UUCCCCUGUGGGUA 73
chr-2.trna119-Glu-TTC     UUCCCCUGGGGGUA 73
chr-3.trna196-Glu-CTC     UCC--CGGCGGAAU 72
                          .........70...
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