```
                                (((((.((..((((.........)))).(((((.......)))))).....(((((.....
chr-10.trna20-Asn-GTT    -UCCC-UCUAGCUCAGUU-GGUGGAGUGUAAGACUGUUAACCUUGUGGUCAUGAGUUCAA 57
chr-7.trna100-Asn-ATT    GGUUG-UCUAGCUCAG-U-GGUAGAGCGUAAGACUAUUAACCUUGUGGUUGUGGGUUCAA 57
chr-1.trna283-Asn-GTT    GUUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-3.trna39-Asn-GTT     GCUGG-AGUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGAAGGUUCAA 59
chr-2.trna126-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-10.trna35-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna186-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna188-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-9.trna69-Asn-GTT     GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-8.trna138-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-8.trna55-Asn-GTT     GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna189-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-2.trna190-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-5.trna36-Asn-GTT     GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-6.trna155-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-7.trna93-Asn-GTT     GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-6.trna156-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUGUGGCUGUUAACCACAAGGUCGGAGGUUCAA 59
chr-1.trna280-Asn-GTT    GCUGG-AAUAGCUCAGUUGGUUAGAGCGUAUGGCUGUUAACCAUAAGGUCGGAGGUUCAA 59
chr-3.trna62-Asn-ATT     GCUUU-CGUAGCUCAGUUGGUUAGAGCACCCGUUUAUUUAGCGGGAGGUCUUGAGUUCAA 59
chr-9.trna123-Asn-GTT    UCCUU-AGUAGCUUAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-4.trna77-Asn-GTT     UUCUC-AGUAGCUUAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-7.trna25-Asn-GTT     UCCUC-AGUAGCUCAGU--GGUAGAGUGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-7.trna29-Asn-GTT     UCCUC-AGUAGCUCAGU--GGUAGAGUGGUCGGCUGUUAAUUGACUGGUCGUAGGUUCGA 57
chr-3.trna27-Asn-GTT     UCCUC-AGUAGCUCAGU--GGUAGAGCAGUCGGUUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-2.trna241-Asn-GTT    UCCUC-AGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCAA 57
chr-3.trna26-Asn-GTT     UCCUC-AGUAGCUCAAU--GGUAGAGCGGUCGGGUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-8.trna29-Asn-ATT     UCCUU-AGUAGCUUAGU--GGUAGAGCGGUCGGCUAUUAACUGACUGGUCAUAGGUUCGA 57
chr-2.trna76-Asn-GTT     UCCUC-AGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 57
chr-2.trna49-Asn-GTT     UCCCUCAGUAGCUCAGU--GGUAGAGCGGUCGGCUGUUAACUGACUGGUCGUAGGUUCGA 58
chr-7.trna131-Asn-GTT    UCCUC-AGUAGCUCAAU--GGUAGAGCGGUCGGCUGUUAACUGACUGGCCGUAGGUUCGA 57
chr-7.trna129-Asn-GTT    UCCUC-AGUAGCUCAAU--GGUAGAGCGGUCGGCUGUUAACUGACUGGCCGUAGGUUCGA 57
chr-5.trna67-Asn-GTT     -UCCUCAGUAGCUCAGU--GGUAGAGCGGUCGACUGUUAACUGACUGGUCAUAGGUUCGA 57
chr-2.trna242-Asn-GTT    UCCUC-AGUAGCUCAGU--GGUAGAGCGGUCGACUGUUAAAUGACUGGUCGUAGGUUCAA 57
chr-10.trna101-Asn-ATT   ACCUG-UUUAGCUCAAUC-GGUAAAGCACAAGGCUAUUAACCUUAUGUUUGUGGGUUCGA 58
                         .........10........20........30........40........50.........

                         ..)))))))))))).
chr-10.trna20-Asn-GTT    ACCCCAUGGUGGGAG 72
chr-7.trna100-Asn-ATT    GCCCCACGGUGGGUG 72
chr-1.trna283-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-3.trna39-Asn-GTT     GCCCUUCCUCUAGCG 74
chr-2.trna126-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-10.trna35-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-2.trna186-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-2.trna188-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-9.trna69-Asn-GTT     GCCCUCCUUCUAGCG 74
chr-8.trna138-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-8.trna55-Asn-GTT     GCCCUCCUUCUAGCG 74
chr-2.trna189-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-2.trna190-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-5.trna36-Asn-GTT     GCCCUCCUUCUAGCG 74
chr-6.trna155-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-7.trna93-Asn-GTT     GCCCUCCUUCUAGCG 74
chr-6.trna156-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-1.trna280-Asn-GTT    GCCCUCCUUCUAGCG 74
chr-3.trna62-Asn-ATT     CUCUCAACGAAAGCA 74
chr-9.trna123-Asn-GTT    AUCCUACAUGGGGAG 72
chr-4.trna77-Asn-GTT     AUCCUACUUGGGGAG 72
chr-7.trna25-Asn-GTT     AUCCUACUUGGGGAG 72
chr-7.trna29-Asn-GTT     AUCCUACUUGGGGAG 72
chr-3.trna27-Asn-GTT     AUCCUACUUGGGGAG 72
chr-2.trna241-Asn-GTT    AUCCUACUUGGGGAG 72
chr-3.trna26-Asn-GTT     AUCCUACUUGGGGAG 72
chr-8.trna29-Asn-ATT     AUCCUACUUGGGGAG 72
chr-2.trna76-Asn-GTT     AUCCUACCUGGAAAG 72
chr-2.trna49-Asn-GTT     AUCCUACUUGGGGAG 73
chr-7.trna131-Asn-GTT    AUCCUACAUGGGGAG 72
chr-7.trna129-Asn-GTT    AUCCUACUUGGGGAG 72
chr-5.trna67-Asn-GTT     AUCCUACUUAGGGAG 72
chr-2.trna242-Asn-GTT    AUCCUACUUGGGGAG 72
chr-10.trna101-Asn-ATT   AC----AAAAAGGUG 69
                         .........70....
```