```
                                (((((((.....((....)).((((((((.......))))))).)).)))))....
chr-10c.trna30-Pro-TGG    GGGCACUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-10e.trna36-Pro-TGG    GGGCACUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-10e.trna37-Pro-TGG    GGGCACUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-1e.trna41-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2c.trna35-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2c.trna36-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2e.trna37-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2e.trna38-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-6e.trna15-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2e.trna40-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2e.trna41-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-6c.trna7-Pro-TGG      GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-1c.trna33-Pro-TGG     GGGCGUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-7c.trna1-Pro-TGG      GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2e.trna64-Pro-TGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2e.trna65-Pro-TGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2e.trna66-Pro-TGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-2c.trna49-Pro-CGG     GGGUGUUU--GGUCUAGUGGUAUGAUUCUCGCUUCGGGUGCGAGAGG--UCGCGAGUUCG 56
chr-2e.trna20-Pro-CGG     GGGUGUUU--GGUCUAGUGGUAUGAUUCUCGCUUCGGGUGCGAGAGG--UCGCGAGUUCG 56
chr-2e.trna68-Pro-TGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUUGCUUUGGGUGCAAGAGG--UCCCGAGUUCA 56
chr-2e.trna67-Pro-TGG     GGGCAUUU--GGUCCAGUGGCAUGAUUCUCGCUUUGGGUGCGAGAGG--UCCCGAGUUCG 56
chr-1c.trna42-Pro-AGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-4c.trna15-Pro-AGG     GGGCAUUU--GGUCUAGUGGCAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-10c.trna10-Pro-AGG    GGGCAUUU--GGUCUAGUGGCAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-1e.trna52-Pro-AGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-2c.trna12-Pro-AGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-10e.trna17-Pro-AGG    GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-4e.trna19-Pro-AGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-6e.trna9-Pro-AGG      GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-6e.trna10-Pro-AGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-2e.trna83-Pro-AGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-2e.trna13-Pro-AGG     GGGCAUUU--GGUCUAGUGGUAUGAUUCUCGCUUAGGGUGCGAGAGG--UCCCGAGUUCA 56
chr-2e.trna51-Pro-CGG     GGGUGUUU--GGUCUAGUGGUAUGAUUCUCGCUUCGGGUGCGAGAGG--GCGCGAGUUCG 56
chr-7e.trna51-Pro-CGG     GGGUGUUU--GGUCUAGUGGUAUGAUUCUCGCUUCGGGUGUGAGAGG--UCGCGUGUUCG 56
chr-7c.trna54-Pro-CGG     GGGUGUUU--GGUCUAGUGGUAUGAUUCGCGCUUCGGGUGCGAGAAUCCUCGCGAGUUCG 58
chr-2c.trna31-Pro-TGG     AGGGAUGUGGCGCAGCUUGGUAGCGCGUUUGUUUUGGGUACAAAAUG--UCACGGGUUCA 58
                          .........10........20........30........40........50.........
                          ...))))))))))))).
chr-10c.trna30-Pro-TGG    AUUCUCGGAGUGCCCC 72
chr-10e.trna36-Pro-TGG    AUUCUCGGAGUGCCCC 72
chr-10e.trna37-Pro-TGG    AUUCUCGGAGUGCCCC 72
chr-1e.trna41-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-2c.trna35-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-2c.trna36-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-2e.trna37-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-2e.trna38-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-6e.trna15-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-2e.trna40-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-2e.trna41-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-6c.trna7-Pro-TGG      AUUCUCGGAACGCCCC 72
chr-1c.trna33-Pro-TGG     AUUCUCGGAACGCCCC 72
chr-7c.trna1-Pro-TGG      AUUCUCGGAAUGCCCC 72
chr-2e.trna64-Pro-TGG     AUUCUCGGAAUGCCCC 72
chr-2e.trna65-Pro-TGG     AUUCUCGGAAUGCCCC 72
chr-2e.trna66-Pro-TGG     AUUCUCGGAAUGCCCC 72
chr-2c.trna49-Pro-CGG     AUUCUCGCAACACCCC 72
chr-2e.trna20-Pro-CGG     AUUCUCGCAACACCCC 72
chr-2e.trna68-Pro-TGG     AUUCUCGGAAUGCCCC 72
chr-2e.trna67-Pro-TGG     AUUCUCGGAAUGCCCC 72
chr-1c.trna42-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-4c.trna15-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-10c.trna10-Pro-AGG    AUUCUCGGAAUGCCCC 72
chr-1e.trna52-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-2c.trna12-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-10e.trna17-Pro-AGG    AUUCUCGGAAUGCCCC 72
chr-4e.trna19-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-6e.trna9-Pro-AGG      AUUCUCGGAAUGCCCC 72
chr-6e.trna10-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-2e.trna83-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-2e.trna13-Pro-AGG     AUUCUCGGAAUGCCCC 72
chr-2e.trna51-Pro-CGG     AUUCUCGCAACACCCC 72
chr-7e.trna51-Pro-CGG     AUUCUCGCAACACCCC 72
chr-7c.trna54-Pro-CGG     AUUCUCGCAACACCCC 74
chr-2c.trna31-Pro-TGG     AAUCCUGUCAUUCCUA 74
                          .........70.....
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