```
                                 ((((((((((((.(...((((.....((....))))))))))).........((((...
chr-C8.trna135-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUC 57
chr-C2.trna2-Val-AAC      GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C3.trna7-Val-AAC      GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C3.trna79-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C9.trna150-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C9.trna137-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C9.trna22-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C8.trna142-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C3.trna144-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C4.trna101-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C8.trna104-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C8.trna71-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C8.trna64-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C9.trna193-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C8.trna40-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C4.trna111-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C5.trna21-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C7.trna57-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C7.trna56-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C2.trna78-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUU 57
chr-C7.trna59-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUC 57
chr-C8.trna49-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C8.trna36-Val-AAC     GGUUUUGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
chr-C2.trna22-Val-AAC     GGUUUCGUGGUGUAG---UUGGUUAUCAUGUCAGUCUAACACACUGAACGUCUCCCGUUC 57
chr-C7.trna22-Val-AAC     GGUUUCGUGGUGUAG---UCGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUC 57
chr-C1.trna72-Val-AAC     GGUUUCGUGGUGUAG---UCGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUC 57
chr-C7.trna27-Val-AAC     GGUUUCGUGGUGUAG---UCGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUC 57
chr-C8.trna129-Val-AAC    GGUUUCGUGGUGUAG---UUGGUUAUCACGUCAGUCUAACACACU-AAGGUCUCCGGUUC 56
chr-C5.trna89-Val-AAC     GGUUUCGUGGUGUAGU--UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 58
chr-C9.trna170-Val-AAC    GGUUUCGUGGUGGUGUAGUUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCAGUUC 60
chr-C6.trna20-Val-AAC     AAUUUCGUGGUUUCG---GUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUC 57
                          .........10........20........30........40........50.........
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                          ....)))))))))))).
chr-C8.trna135-Val-AAC    GAACCUGGACGAAGCCA 74
chr-C2.trna2-Val-AAC      GAACCCGGGCGAAGCCA 74
chr-C3.trna7-Val-AAC      GAACCCGGGCGAAGCCA 74
chr-C3.trna79-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C9.trna150-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C9.trna137-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C9.trna22-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C8.trna142-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C3.trna144-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C4.trna101-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C8.trna104-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C8.trna71-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C8.trna64-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C9.trna193-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C8.trna40-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C4.trna111-Val-AAC    GAACCCGGGCGAAGCCA 74
chr-C5.trna21-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C7.trna57-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C7.trna56-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C2.trna78-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C7.trna59-Val-AAC     GAAACUGGACGAAGCCA 74
chr-C8.trna49-Val-AAC     GAAACCGGGCGAAGCCA 74
chr-C8.trna36-Val-AAC     GAA-UCGGGCGAAGCCA 73
chr-C2.trna22-Val-AAC     GAACCCGGGCGAAGCCA 74
chr-C7.trna22-Val-AAC     GAACCUGGACGAAGCCU 74
chr-C1.trna72-Val-AAC     GAACCUGGACGAAGCCA 74
chr-C7.trna27-Val-AAC     GAACCUGGACGAAGCCA 74
chr-C8.trna129-Val-AAC    GAUUCCGGGCGAAGCUA 73
chr-C5.trna89-Val-AAC     GAACCCGAGCGAAGCCA 75
chr-C9.trna170-Val-AAC    GAACCUGGACGAAGCCA 77
chr-C6.trna20-Val-AAC     GAACUCGGGCGAAGCCA 74
                          .........70......
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