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                          ((((((((((((........))))))).(((((.......)))))).....(((((.....
chr-3.trna49-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCAAG 60
chr-3.trna62-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna71-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna72-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-7.trna59-Val-AAC      GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-9.trna4-Val-AAC       GAUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-9.trna6-Val-AAC       GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna35-Val-AAC      GAUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-5.trna11-Val-AAC      GAUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-9.trna14-Val-AAC      GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna2-Val-AAC       GAUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-6.trna15-Val-AAC      GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-6.trna14-Val-AAC      GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-4.trna4-Val-AAC       GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-2.trna19-Val-AAC      GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAA 60
chr-9.trna27-Val-AAC      AGUGUUGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCGAG 60
chr-3.trna34-Val-TAC      GGUGCUGUGGUGUAGUCGGUUAUCACGUUAGUCUUACACACUAAAGGUCCCCAGUUCGAG 60
chr-2.trna62-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-5.trna61-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-6.trna17-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-7.trna30-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-7.trna31-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-7.trna72-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-8.trna51-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-8.trna50-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-7.trna80-Val-CAC      GUCUGGGUGGUGUAGUUGGUUAUCACGUUAGUCUCACACACUAAAGGUCCCCAGUUCGAA 60
chr-6.trna34-Val-AAC      CAUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUUCGGUUCGAG 60
chr-3.trna11-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGAAGGUCUCCAGUUCGAU 59
chr-3.trna15-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGAAGGUCUCCAGUUCGAU 59
chr-7.trna65-Val-TAC      GUUGCUGUGGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGAAGGUCUCCAGUUCGAU 59
chr-5.trna26-Val-TAC      GUUGCCGUGGUGUAGU-GGUUAUCACGUCAGUCUUACACACUGAAGGUCUCCAGUUCGAU 59
chr-1.trna15-Val-AAC      GGUUUCGUGGUAU--UUGGUUAUCACGUCAGUCUAACACACUGAAGGUCUCCGGUUCAAG 58
                          .........10........20........30........40........50.........
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                          .)))))..)))))).
chr-3.trna49-Val-AAC      UCCGGGCGACGCCA 74
chr-3.trna62-Val-AAC      UCCGGGCGACGCCA 74
chr-3.trna71-Val-AAC      UCCGGGCGACGCCA 74
chr-3.trna72-Val-AAC      UCCGGGCGACGCCA 74
chr-7.trna59-Val-AAC      UCCGGGCGACGCCA 74
chr-9.trna4-Val-AAC       UCCGGGCGAAAUCA 74
chr-9.trna6-Val-AAC       UCCGGGCGACGCCA 74
chr-6.trna35-Val-AAC      UCCGGGCGAAAUCA 74
chr-5.trna11-Val-AAC      UCCGGGCGAAAUCA 74
chr-9.trna14-Val-AAC      UCCGGGCGAAGCCA 74
chr-6.trna2-Val-AAC       UCCGGGCGAAAUCA 74
chr-6.trna15-Val-AAC      CCCGGGCGAAGCCA 74
chr-6.trna14-Val-AAC      CCCGGGCGAAGCCA 74
chr-4.trna4-Val-AAC       CCCGGGCGACGCCA 74
chr-2.trna19-Val-AAC      UCCGGGCGAAGCCA 74
chr-9.trna27-Val-AAC      UCCGGGCGACGCCA 74
chr-3.trna34-Val-TAC      CCUGGGCAGCACCA 74
chr-2.trna62-Val-CAC      CCUGGGCUCAGACA 74
chr-5.trna61-Val-CAC      CCUGGGCUCAGACA 74
chr-6.trna17-Val-CAC      CCUGGGCUCAGACA 74
chr-7.trna30-Val-CAC      CCUGGGCUCAGACA 74
chr-7.trna31-Val-CAC      CCUGGGCUCAGACA 74
chr-7.trna72-Val-CAC      CCUGGGCUCAGACA 74
chr-8.trna51-Val-CAC      CCUGGGCUCAGACA 74
chr-8.trna50-Val-CAC      CCUGGGCUCAGACA 74
chr-7.trna80-Val-CAC      CCUGGGCUCAGACA 74
chr-6.trna34-Val-AAC      UUCGGGCGAAAUCA 74
chr-3.trna11-Val-TAC      CCUGGGCAGCAAUA 73
chr-3.trna15-Val-TAC      CCUGGGCAGCAACA 73
chr-7.trna65-Val-TAC      CCUGGGCAGCAACA 73
chr-5.trna26-Val-TAC      CCUGGGCGGCAACA 73
chr-1.trna15-Val-AAC      UCCGGGCGAAGCCA 72
                          .........70...
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