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                        ((((((((((((.(((((.....((....)))))))))))))).........((((.....
chr-7.trna50-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GGAGGUCUCCGGUUCGA 59
chr-1.trna42-Val-AAC    GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-1.trna72-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-15.trna29-Val-AAC   GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-14.trna54-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-2.trna8-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-2.trna35-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-2.trna37-Val-AAC    GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-13.trna23-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-13.trna8-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-12.trna3-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-11.trna16-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-10.trna8-Val-AAC    GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-9.trna8-Val-AAC     GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-3.trna56-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-7.trna42-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-6.trna80-Val-AAC    GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-5.trna56-Val-AAC    GGUGUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-4.trna24-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGUUUCGA 59
chr-3.trna59-Val-AAC    GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-4.trna3-Val-AAC     GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-14.trna25-Val-AAC   GGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-1.trna30-Val-AAC    GGUGUCAUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-6.trna46-Val-AAC    GGUGUCAUGGUGUAGUUGGUUAUCACGUCAGUCUAACACACU-GAAGGUCUCCGGUUCGA 59
chr-14.trna44-Val-AAC   GGUUUCG-GGUGUAGUUGGUCAUCACGUCAGUCCAACACACU-GAAGGUCUCCGGUUCGA 58
chr-13.trna37-Val-AAC   AGUUUCGUGGUGUAGUUGGUUAUCACGUCAGUCUAACUCACUUGAAGGUCUCCGGUUCGA 60
                        .........10........20........30........40........50.........
                        ..))))))))))))).
chr-7.trna50-Val-AAC    GUCCGGGCGAAGCCA 74
chr-1.trna42-Val-AAC    GUCCGGGCGACGCCA 74
chr-1.trna72-Val-AAC    GUCCGGGCGAAGCCA 74
chr-15.trna29-Val-AAC   GUCCGGGCGACGCCA 74
chr-14.trna54-Val-AAC   GUCCGGGCGAAGCCA 74
chr-2.trna8-Val-AAC     GUCCGGGCGACGCCA 74
chr-2.trna35-Val-AAC    GUCCGGGCGAAGCCA 74
chr-2.trna37-Val-AAC    GUCCGGGCGACGCCA 74
chr-13.trna23-Val-AAC   GUCCGGGCGAAGCCA 74
chr-13.trna8-Val-AAC    GUCCGGGCGAAGCCA 74
chr-12.trna3-Val-AAC    GUCCGGGCGAAGCCA 74
chr-11.trna16-Val-AAC   GUCCGGGCGAAGCCA 74
chr-10.trna8-Val-AAC    GUCCGGGCGACGCCA 74
chr-9.trna8-Val-AAC     GUCCGGGCGACGCCA 74
chr-3.trna56-Val-AAC    GUCCGGGCGAAGCCA 74
chr-7.trna42-Val-AAC    GUCCGGGCGAAGCCA 74
chr-6.trna80-Val-AAC    GUCCGGGCGACGCCA 74
chr-5.trna56-Val-AAC    GUCCGGGCGACGCCA 74
chr-4.trna24-Val-AAC    GUCCGGGCGAAGCCA 74
chr-3.trna59-Val-AAC    ACCCGGGCGAAGCCA 74
chr-4.trna3-Val-AAC     ACCCGGGCGAAGCCA 74
chr-14.trna25-Val-AAC   AUCCGGGCGAAGCCA 74
chr-1.trna30-Val-AAC    GUCCGGGCGACGCCA 74
chr-6.trna46-Val-AAC    GUUCGGGCGACGCCA 74
chr-14.trna44-Val-AAC   GUCCGGGCGAAGCCA 73
chr-13.trna37-Val-AAC   GUCCGGGCGAAGCAC 75
                        .........70....
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