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                                ...(((((.((...)).)..))))).(.(((((.......))))).).(((((((.....
chr-A03.trna41-Cys-ACA          GGGUCCAUAGCUCAGUAG--UAGAGCAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 58
chr-A03.trna120-Cys-ACA         GGGUCCAUAGCUCAGUAG--UAGAGCAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 58
chr-A06.trna49-Cys-ACA          GGGUCCAUAGCUCAGUAG--UAGAGCAUUUGACUACAAAUCAAGAGAUCCCUGAGACACC 58
chr-A09.trna11-Cys-ACA          GGGUCCAUAGCUCAGUAG--UAGAGCAUUUGACUACAAAUCAAGAGAUCCCUGAGACACC 58
chr-A01.trna36-Cys-ACA          GGAUCCAUAGCUCAGUAG--UAGAGCAUUUGACUACAAAUCAAAAGAUCCCUGAGAUACC 58
chr-A03.trna34-Cys-ACA          GGAUCCAUAGCUCAGUAG--UAGAGCAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 58
chr-B06.trna192-Cys-ACA         GGGUCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 58
chr-B10.trna64-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-A10.trna52-Cys-ACA          G--UUUAUAGCUCAGUGG--UAGAACACUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B10.trna34-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B09.trna244-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B09.trna234-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B09.trna88-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B09.trna87-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B09.trna57-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B08.trna196-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B08.trna135-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B08.trna38-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B07.trna49-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B06.trna210-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B06.trna205-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B10.trna104-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B06.trna158-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCUUGAGAUACC 56
chr-B06.trna121-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B06.trna111-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B06.trna100-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B05.trna238-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B05.trna227-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B05.trna226-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B05.trna152-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B05.trna57-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B04.trna95-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B04.trna94-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B04.trna93-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B04.trna49-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B03.trna218-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B03.trna209-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B03.trna191-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B03.trna169-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B03.trna70-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna167-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna161-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna158-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna157-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna83-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna79-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna33-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B02.trna21-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B01.trna213-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B01.trna127-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B01.trna125-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B01.trna89-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B01.trna70-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B10.trna35-Cys-ACA          G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B10.trna156-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-A07.trna159-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-A07.trna112-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCUUGAGAUACC 56
chr-B10.trna153-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 56
chr-B10.trna205-Cys-ACA         G--UCUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCUUGAGAUACC 56
chr-A01.trna51-Cys-ACA          UGGUUUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 58
chr-A05.trna31-Cys-ACA          GGGUUUAUAGCUCAGUGG--UAGAACAUUUGACUACAAAUCAAGAGAUCCCUGAGAUACC 58
chr-A01.trna90-Cys-ACA          GGGCCUGUAGCUCAGAGGAUUAGAGCACGUGGCUACAAACCAUGGUGUUGGGGGUUUGAA 60
                                .........10........20........30........40........50.........
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chr-A03.trna41-Cys-ACA          UCAGGGGAUACA---- 70
chr-A03.trna120-Cys-ACA         UCAGGGGAUACA---- 70
chr-A06.trna49-Cys-ACA          UCAGGGGAUACA---- 70
chr-A09.trna11-Cys-ACA          UCAGGGGAUACA---- 70
chr-A01.trna36-Cys-ACA          UUAGGGGAUACA---- 70
chr-A03.trna34-Cys-ACA          UCAGGGGGUACA---- 70
chr-B06.trna192-Cys-ACA         UCAGGGGAUUCA---- 70
chr-B10.trna64-Cys-ACA          UCAGGGGAUACA---- 68
chr-A10.trna52-Cys-ACA          UCAGGGGAUACA---- 68
chr-B10.trna34-Cys-ACA          UCAGGGGAUACA---- 68
chr-B09.trna244-Cys-ACA         UCAGGGGAUACA---- 68
chr-B09.trna234-Cys-ACA         UCAGGGGAUACA---- 68
chr-B09.trna88-Cys-ACA          UCAGGGGAUACA---- 68
chr-B09.trna87-Cys-ACA          UCAGGGGAUACA---- 68
chr-B09.trna57-Cys-ACA          UCAGGGGAUACA---- 68
chr-B08.trna196-Cys-ACA         UCAGGGGAUACA---- 68
chr-B08.trna135-Cys-ACA         UCAGGGGAUACA---- 68
chr-B08.trna38-Cys-ACA          UCAGGGGAUACA---- 68
chr-B07.trna49-Cys-ACA          UCAGGGGAUACA---- 68
chr-B06.trna210-Cys-ACA         UCAGGGGAUACA---- 68
chr-B06.trna205-Cys-ACA         UCAGGGGAUACA---- 68
chr-B10.trna104-Cys-ACA         UCAGGGGAUACA---- 68
chr-B06.trna158-Cys-ACA         UCAGGGGAUACA---- 68
chr-B06.trna121-Cys-ACA         UCAGGGGAUACA---- 68
chr-B06.trna111-Cys-ACA         UCAGGGGAUACA---- 68
chr-B06.trna100-Cys-ACA         UCAGGGGAUACA---- 68
chr-B05.trna238-Cys-ACA         UCAGGGGAUACA---- 68
chr-B05.trna227-Cys-ACA         UCAGGGGAUACA---- 68
chr-B05.trna226-Cys-ACA         UCAGGGGAUACA---- 68
chr-B05.trna152-Cys-ACA         UCAGGGGAUACA---- 68
chr-B05.trna57-Cys-ACA          UCAGGGGAUACA---- 68
chr-B04.trna95-Cys-ACA          UCAGGGGAUACA---- 68
chr-B04.trna94-Cys-ACA          UCAGGGGAUACA---- 68
chr-B04.trna93-Cys-ACA          UCAGGGGAUACA---- 68
chr-B04.trna49-Cys-ACA          UCAGGGGAUACA---- 68
chr-B03.trna218-Cys-ACA         UCAGGGGAUACA---- 68
chr-B03.trna209-Cys-ACA         UCAGGGGAUACA---- 68
chr-B03.trna191-Cys-ACA         UCAGGGGAUACA---- 68
chr-B03.trna169-Cys-ACA         UCAGGGGAUACA---- 68
chr-B03.trna70-Cys-ACA          UCAGGGGAUACA---- 68
chr-B02.trna167-Cys-ACA         UCAGGGGAUACA---- 68
chr-B02.trna161-Cys-ACA         UCAGGGGAUACA---- 68
chr-B02.trna158-Cys-ACA         UCAGGGGAUACA---- 68
chr-B02.trna157-Cys-ACA         UCAGGGGAUACA---- 68
chr-B02.trna83-Cys-ACA          UCAGGGGAUACA---- 68
chr-B02.trna79-Cys-ACA          UCAGGGGAUACA---- 68
chr-B02.trna33-Cys-ACA          UCAGGGGAUACA---- 68
chr-B02.trna21-Cys-ACA          UCAGGGGAUACA---- 68
chr-B01.trna213-Cys-ACA         UCAGGGGAUACA---- 68
chr-B01.trna127-Cys-ACA         UCAGGGGAUACA---- 68
chr-B01.trna125-Cys-ACA         UCAGGGGAUACA---- 68
chr-B01.trna89-Cys-ACA          UCAGGGGAUACA---- 68
chr-B01.trna70-Cys-ACA          UCAGGGGAUACA---- 68
chr-B10.trna35-Cys-ACA          UCAGGGGAUACA---- 68
chr-B10.trna156-Cys-ACA         UCAGGGGAUACA---- 68
chr-A07.trna159-Cys-ACA         UCAGGGGAUACA---- 68
chr-A07.trna112-Cys-ACA         UCAGGGGAUACA---- 68
chr-B10.trna153-Cys-ACA         UCAGGGGAUACA---- 68
chr-B10.trna205-Cys-ACA         UCAGGGGAUACA---- 68
chr-A01.trna51-Cys-ACA          UCAGGGGAUAAAUUAU 74
chr-A05.trna31-Cys-ACA          UCAGGGCAUAAAUUCU 74
chr-A01.trna90-Cys-ACA          UCCCUCCUCGCC--CA 74
                                .........70.....
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