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                         (((((((..((((........))))((((((.........))))))....(((((.....
chr-1D.trna117-Arg-TCT   GCGCCCAUGGCCUAAUGGAUAAGGCAUCUGACUUC--UAAUCAGGCGAUUGUGGGUUUGA 58
chr-1A.trna97-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCAUCUGACUUC--UAAUCAGGCGAUUGUGGGGUUGA 58
chr-6C.trna16-Arg-TCT    GCACCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-7A.trna56-Arg-TCT    GCGCCUGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGACGAUUGUGGGUUCGA 58
chr-7A.trna59-Arg-TCT    GCGCCUGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGACGAUUGUGGGUUCGA 58
chr-7C.trna54-Arg-TCT    GCGCCUGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGACGAUUGUGGGUUCGA 58
chr-7B.trna46-Arg-TCT    GCGCCUGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGACGAUUGUGGGUUCGA 58
chr-3B.trna9-Arg-TCT     GCGCCCGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-3B.trna61-Arg-TCT    GCGCCCGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-3B.trna67-Arg-TCT    GCGCCCGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-3C.trna8-Arg-TCT     GCGCCCGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-3C.trna9-Arg-TCT     GCGCCCGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-3D.trna3-Arg-TCT     GCGCCCGUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-2B.trna94-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-2C.trna10-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-2C.trna112-Arg-TCT   GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-2C.trna113-Arg-TCT   GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-2D.trna105-Arg-TCT   GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-2D.trna106-Arg-TCT   GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-6D.trna58-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-6D.trna13-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-6D.trna15-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-6B.trna69-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUC--UAAUCAGGCGAUUGUGGGUUCGA 58
chr-6B.trna13-Arg-TCT    GCGCCCAUGGCCUAAUGGAUAAGGCGUCUGACUUCUAUAAUCAGGCGAUUGUGGGUUCGA 60
chr-6D.trna24-Arg-TCT    GCGCUCGUGGCCUAAUGGAUAAGGCAUUUGACUUC--UAAUCAAAGGAUUGUGGGUUCGA 58
chr-6C.trna21-Arg-TCT    GCGCUCGUGGCCUAAUGGAUAAGGCAUUUGACUUC--UAAUCAAAGGAUUGUGGGUUCGA 58
chr-6B.trna50-Arg-TCT    ACGCUCGUGGCCUAAUGGAUAAGGCAUUUGACUUC--UAAUCAAAGGAUUGUGGGUUCGA 58
chr-1B.trna97-Arg-TCT    GCACCCAUGGCCUAAUGGAUAAGGCAUCUGACUUC--UAAUCAGGCGAUUGUGGGUUUGA 58
chr-5B.trna57-Arg-TCT    GCGUCUGUAGUCCAACGGUUAGGAUAAUUGACUUC--UAAGCAAUAGA-CCCGGGUUCGA 57
                         .........10........20........30........40........50.........

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chr-1D.trna117-Arg-TCT   GUCCCACUGGGCGUG 73
chr-1A.trna97-Arg-TCT    GUCCCACUGGGCGUG 73
chr-6C.trna16-Arg-TCT    GUCCCACUGGGCGUG 73
chr-7A.trna56-Arg-TCT    GUCCCACCAGGCGUG 73
chr-7A.trna59-Arg-TCT    GUCCCACCAGGCGUG 73
chr-7C.trna54-Arg-TCT    GUCCCACCAGGCGUG 73
chr-7B.trna46-Arg-TCT    GUCCCACCAGGCGUG 73
chr-3B.trna9-Arg-TCT     GUCCCACCGGGCGUG 73
chr-3B.trna61-Arg-TCT    GUCCCACCGGGCGUG 73
chr-3B.trna67-Arg-TCT    GUCCCACCGGGCGUG 73
chr-3C.trna8-Arg-TCT     GUCCCACCGGGCGUG 73
chr-3C.trna9-Arg-TCT     GUCCCACCGGGCGUG 73
chr-3D.trna3-Arg-TCT     GUCCCACCGGGCGUG 73
chr-2B.trna94-Arg-TCT    GUCCCACUGGGCGUG 73
chr-2C.trna10-Arg-TCT    GUCCCACUGGGCGUG 73
chr-2C.trna112-Arg-TCT   GUCCCACUGGGCGUG 73
chr-2C.trna113-Arg-TCT   GUCCCACUGGGCGUG 73
chr-2D.trna105-Arg-TCT   GUCCCACUGGGCGUG 73
chr-2D.trna106-Arg-TCT   GUCCCACUGGGCGUG 73
chr-6D.trna58-Arg-TCT    GUCCCACUGGGCGUG 73
chr-6D.trna13-Arg-TCT    GUCCCACUGGGCGUG 73
chr-6D.trna15-Arg-TCT    GUCCCACUGGGCGUG 73
chr-6B.trna69-Arg-TCT    GUCCUACUGGGCGUG 73
chr-6B.trna13-Arg-TCT    GUCCCACUGGGCGUG 75
chr-6D.trna24-Arg-TCT    GUCCCACCGAGCGUG 73
chr-6C.trna21-Arg-TCT    GUCCCACCGAGCGUG 73
chr-6B.trna50-Arg-TCT    GUCCCACCGAGCGUG 73
chr-1B.trna97-Arg-TCT    GUCCCACUGGGCGUG 73
chr-5B.trna57-Arg-TCT    CUCCCGGCAGACGCU 72
                         .........70....
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