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                        (((((((..((((.........)))).(((((.......)))))).....(((((.......
chr-A05.trna3-Glu-TTC   UCCGUUGUUGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B03.trna25-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUGUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B06.trna21-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUGUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-A03.trna70-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-A03.trna69-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-A07.trna2-Glu-TTC   UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCUAGGAGAC-CCGGGUUCGAU 58
chr-A10.trna68-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCUAGGAGAC-CCGGGUUCGAU 58
chr-A07.trna16-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-A09.trna52-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B10.trna137-Glu-TTC UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B04.trna88-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B04.trna78-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B03.trna213-Glu-TTC UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-A10.trna78-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B01.trna1-Glu-TTC   UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B06.trna20-Glu-TTC  UUCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 58
chr-B03.trna212-Glu-TTC UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAAAC-CCGGGUUCGAU 58
chr-A05.trna16-Glu-TTC  UCCGUUGUCGUCCAGCGGU-UAGGAUAUCUGGCUUUCACCCAGGAGAC-CCGGGUUUGAU 58
chr-A06.trna44-Glu-TTC  UUCAUUGUUGUCUAGCGCU-UAGGAUAUCUGGCUUUCAUCCAGGAGAC-CCGGGUUCGAU 58
chr-A02.trna30-Glu-TTC  GCCCCCAUCGUCUAGUGGUCUAGGACAUCUCUCUUUCAAGGAGGCAAC-GGGAAUUCGAC 59
chr-A08.trna53-Glu-TTC  GCCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAAC-GGGGAUUCGAC 59
chr-B07.trna56-Glu-TTC  GCCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAAC-GGGGAUUCGAC 59
chr-A03.trna11-Glu-TTC  GCCCCCAUCGUCUAGUGGUCCUGGACAUCUCUCUUUCAAGGAGGCAAC-GGGGAUUCGAC 59
chr-B07.trna45-Glu-TTC  GCCUCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAC-GGGGAUUCGAC 59
chr-B10.trna105-Glu-TTC GCCUUCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAAC-AGGGAUUCGAC 59
chr-B06.trna141-Glu-TTC GCCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGAAGGCAAC-GGGGAUUCGAC 59
chr-A06.trna9-Glu-TTC   GGCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAAC-GGGGAUUCGAC 59
chr-A01.trna60-Glu-TTC  GCCCCCAUCGUCUAGUGGUCCAGGACAUCUCUCUUUCAAGGAGGCAAC-GGGGAUUCGAC 59
chr-A10.trna22-Glu-TTC  GGGAUUGUAGUUCAAUUGGUCAGAGCACCGCCCUUUCAAGGCGGAAGCUGCGGGUUCGAG 60
chr-B09.trna21-Glu-TTC  -GUU--GUCGUCCAGCGGU-UAGGAUGUCUGGCUUUCACCCAGGAGAC-CCGGGUUCGAU 55
                        .........10........20........30........40........50........
                        .))))))))....))).....).
chr-A05.trna3-Glu-TTC   UCCCGGCAA----CGG-----AA 72
chr-B03.trna25-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-B06.trna21-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-A03.trna70-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-A03.trna69-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-A07.trna2-Glu-TTC   UCCCGGCAA----CGG-----AA 72
chr-A10.trna68-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-A07.trna16-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-A09.trna52-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-B10.trna137-Glu-TTC UCCCGGCAA----CGG-----AA 72
chr-B04.trna88-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-B04.trna78-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-B03.trna213-Glu-TTC UCCCGGCAA----CGG-----AA 72
chr-A10.trna78-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-B01.trna1-Glu-TTC   UCCCGGCAA----CGG-----AA 72
chr-B06.trna20-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-B03.trna212-Glu-TTC UCCCGGCAA----CGG-----AA 72
chr-A05.trna16-Glu-TTC  UCCCGGCAA----CGG-----AA 72
chr-A06.trna44-Glu-TTC  UCCCAGCAA----UGGUGCCAAU 77
chr-A02.trna30-Glu-TTC  UUCCCCUGG----GGG-----UA 73
chr-A08.trna53-Glu-TTC  UUCCCCUGG----GGG-----UA 73
chr-B07.trna56-Glu-TTC  UUCCCCUGG----GGG-----UA 73
chr-A03.trna11-Glu-TTC  UUCCCCUGG----GGG-----UA 73
chr-B07.trna45-Glu-TTC  UUCCCCUGG----GGG-----UA 73
chr-B10.trna105-Glu-TTC UUCCCCUGG----GGG-----UA 73
chr-B06.trna141-Glu-TTC UUCUCCUGG----GGG-----UA 73
chr-A06.trna9-Glu-TTC   UUCCCCUGG----AGU-----AG 73
chr-A01.trna60-Glu-TTC  UUCCCCUGGAGUAGGG-----UA 77
chr-A10.trna22-Glu-TTC  --CCGUCAG----UCC-----CG 72
chr-B09.trna21-Glu-TTC  UUAGGGAACCCAGAAC-----CA 73
                        .........70........80..
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