```
                                 ((((((....(..((((........))))....((((..((...))..))))((((...
chr-B8.trna46-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGGUCACUGGUUC 56
chr-B8.trna45-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGGUCACUGGUUC 56
chr-B1.trna6-Tyr-GTA     CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B1.trna43-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B8.trna147-Tyr-GTA   CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B8.trna92-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B8.trna52-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B1.trna64-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B1.trna90-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B8.trna33-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B2.trna27-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B7.trna124-Tyr-GTA   CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B7.trna116-Tyr-GTA   CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B2.trna84-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B2.trna126-Tyr-GTA   CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B3.trna29-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B5.trna111-Tyr-GTA   CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B3.trna59-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B5.trna71-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B5.trna12-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B4.trna11-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B4.trna9-Tyr-GTA     CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B3.trna90-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B5.trna94-Tyr-GTA    CCGAUC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B6.trna82-Tyr-GTA    CUGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUGGUUU 56
chr-B7.trna185-Tyr-GTA   CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUAUAGGUCGCUGGUUC 56
chr-B2.trna101-Tyr-GTA   CCGACC----UUAGCUCAGUUGGUAGAGCGGGAGACUGUAGAUCUCUAGGUCGCUGGUUC 56
chr-B1.trna97-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAUAUCUUUAGGUCGCUGGUUC 56
chr-B3.trna27-Tyr-GTA    CCGACC----UUAGCUCAGUUGGUAGAGCGGAAGACUGUAGAUCUUUAGGUCGCUUGUUC 56
chr-B7.trna88-Tyr-GTA    CCAACC----UUAGCUCAGUUGGUAAAGCGAAAGACUGUAGAUCUUUAGGUCGCUGGUUC 56
chr-B6.trna20-Tyr-GTA    UCGGGCAUGACUAGAUCAGUUGGUAGAGCGGAGGACUGUAGAUCCUUAGGUCACUGGUUC 60
                         .........10........20........30........40........50.........

                         ....)))))).)))))).
chr-B8.trna46-Tyr-GTA    GAAUCCGGUA-GGUCGGA 73
chr-B8.trna45-Tyr-GTA    GAAUCCGGUA-GGUCGGA 73
chr-B1.trna6-Tyr-GTA     GAUUCCGGCA-GGUCGGA 73
chr-B1.trna43-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B8.trna147-Tyr-GTA   GAUUCCGGCA-GGUCGGA 73
chr-B8.trna92-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B8.trna52-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B1.trna64-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B1.trna90-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B8.trna33-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B2.trna27-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B7.trna124-Tyr-GTA   GAUUCCGGCA-GGUCGGA 73
chr-B7.trna116-Tyr-GTA   GAUUCCGGCA-GGUCGGA 73
chr-B2.trna84-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B2.trna126-Tyr-GTA   GAUUCCGGCA-GGUCGGA 73
chr-B3.trna29-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B5.trna111-Tyr-GTA   GAUUCCGGCA-GGUCGGA 73
chr-B3.trna59-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B5.trna71-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B5.trna12-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B4.trna11-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B4.trna9-Tyr-GTA     GAUUCCGGCA-GGUCGGA 73
chr-B3.trna90-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B5.trna94-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B6.trna82-Tyr-GTA    GAUUCCGGCA-GGUCGGA 73
chr-B7.trna185-Tyr-GTA   GAUUCCGGCA-GGUCGGA 73
chr-B2.trna101-Tyr-GTA   GAUUCCGGCA-GGUCGGA 73
chr-B1.trna97-Tyr-GTA    GAUUCCGACA-GGUCGGA 73
chr-B3.trna27-Tyr-GTA    GCUUCCGGCA-GGUCGGA 73
chr-B7.trna88-Tyr-GTA    GGUGCCGGCA-GGUCGGA 73
chr-B6.trna20-Tyr-GTA    GAAUCCGGUAGGUCGGAA 78
                         .........70.......
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