(((((((..(((.........)))(((((.......)))))(((...))))).(((
chr-1.trna9-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUUUGUUGGGCUACGCCCGCGCA 60
chr-1.trna51-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUACGCCCGCGCA 60
chr-9.trna4-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUACGCCCGCGCA 60
chr-6.trna7-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUACGCCCGCGCA 60
chr-7.trna37-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUACGCCCGCGCA 60
chr-2.trna11-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUUCGCCCGCGCA 60
chr-2.trna66-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUUCGCCCGCGCA 60
chr-1.trna7-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUUCGCCCGCGCA 60
chr-6.trna8-Ser-TGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUUGAAAUCUGUUGGGCUUCGCCUGCGCA 60
chr-11.trna31-Ser-CGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUCGAAAUCUGUUGGGCUUUGCCUGCGCA 60
chr-5.trna5-Ser-CGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUCGAAAUCUGUUGGGCUUUGCCUGCGCA 60
chr-6.trna56-Ser-CGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUCGAAAUCUGUUGGGCUUUGCCUGCGCA 60
chr-5.trna24-Ser-CGA GUCGAUAUGUCCGAGUGGUUAAGGAGACAGACUCGAAAUCUGUUGGGCUUUGCCUGCGCA 60
chr-1.trna47-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-1.trna53-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-2.trna71-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-3.trna1-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-3.trna8-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-3.trna9-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-3.trna55-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-7.trna49-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-11.trna34-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-5.trna17-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-11.trna14-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-11.trna15-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-5.trna28-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-5.trna48-Ser-GCT GUCGCUUUGGCCGAGUGGUUAAGGCGUGUGCCUGCUAAGUACAUGGGGUUUCCCCGCGAG 60
chr-11.trna9-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCUCGCGUA 60
chr-8.trna6-Ser-AGA GUGGACAUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCUCGCACA 60
chr-11.trna8-Ser-AGA GUGGACGUGUCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-8.trna48-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-9.trna41-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-9.trna42-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-11.trna7-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-3.trna24-Ser-AGA GUGGACAUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-5.trna15-Ser-AGA GUGGACAUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-2.trna76-Ser-AGA GUGGGCGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGCA 60
chr-5.trna22-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGCA 60
chr-6.trna9-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGCA 60
chr-7.trna66-Ser-AGA GUGGGCGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGCA 60
chr-2.trna31-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUUUGCCCGCGCA 60
chr-11.trna27-Ser-AGA GUGGAUGUGUCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-8.trna7-Ser-AGA GUGGACGUGCCGGAGUGGUUAUCGGGCAUGACUAGAAAUCAUGUGGGCUCUGCCCGCGCA 60
chr-5.trna16-Ser-AGA GUGGACAUGCUGGAGUGGUUAUCGGGCACGACUAGAAAUCAUGUGGGCUUUGCCCGCGCA 60
.........10........20........30........40........50.........
((.......)))))))))))).
chr-1.trna9-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-1.trna51-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-9.trna4-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-6.trna7-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-7.trna37-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-2.trna11-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-2.trna66-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-1.trna7-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-6.trna8-Ser-TGA GGUUCGAACCCUGCUGUCGACG 82
chr-11.trna31-Ser-CGA GGUUCGAAUCCUGCUGUCGACG 82
chr-5.trna5-Ser-CGA GGUUCGAAUCCUGCUGUCGACG 82
chr-6.trna56-Ser-CGA GGUUCGAAUCCUGCUGUCGACG 82
chr-5.trna24-Ser-CGA GGUUCGAAUCCUGCUGUCGACG 82
chr-1.trna47-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-1.trna53-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-2.trna71-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-3.trna1-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-3.trna8-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-3.trna9-Ser-GCT AGUUCGAAUCUCUCAGGCGAGG 82
chr-3.trna55-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-7.trna49-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-11.trna34-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-5.trna17-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-11.trna14-Ser-GCT AGUUCGAAUCUCUCAGGCGAGG 82
chr-11.trna15-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-5.trna28-Ser-GCT AGUUCGAAUCUCUCAGGCGACG 82
chr-5.trna48-Ser-GCT AGUUCGAAUCUCUCAGGCGAGG 82
chr-11.trna9-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-8.trna6-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-11.trna8-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-8.trna48-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-9.trna41-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-9.trna42-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-11.trna7-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-3.trna24-Ser-AGA GGUUCGAAUCCUGCUGUUCACG 82
chr-5.trna15-Ser-AGA GGUUCGAAUCCUGCUGUUCACG 82
chr-2.trna76-Ser-AGA GGUUCGAAUCCUGCCGCUCACG 82
chr-5.trna22-Ser-AGA GGUUCGAAUCCUGCCGUCCACG 82
chr-6.trna9-Ser-AGA GGUUCGAAUCCUGCCGUCCACG 82
chr-7.trna66-Ser-AGA GGUUCGAAUCCUGCCGCUCACG 82
chr-2.trna31-Ser-AGA GGUUCGAAUCCUGCCGUUCACG 82
chr-11.trna27-Ser-AGA GGUUUGAAUCCUGCCGUUCACG 82
chr-8.trna7-Ser-AGA GGUUCAAAUCCUGCCGUUCACG 82
chr-5.trna16-Ser-AGA GGUUCGAAUCCUGCUGUUCACG 82
.........70........80.