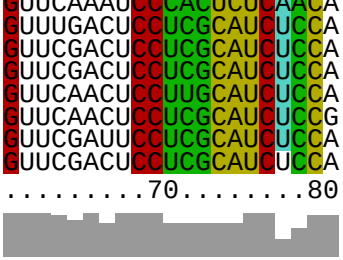```
                         (((((((..(((.(.....)).)))((((((.......))))))).(....)).)(((( 
chr-8.trna24-Leu-AAG     GUGGGGAUGGCCGAG-CGGUCUAAGGCGCGAGAUUAAGGAUUUA------AAGGGCGUGG 53
chr-3.trna76-Leu-AAG     GUGGGGAUGGCCGAG-CGGUCUAAGGCGCUAGAUUAAGGAUUUA------AAGGGCGUGG 53
chr-2.trna71-Leu-AAG     GUGGAGAUGGCCGAG-CGGUCUAAGGCGCCAGAUUAAGGCUCUGGUCCGAAAGGGCGUGG 59
chr-2.trna72-Leu-AAG     GUGGGGAUGGUCGAG-CGGUCUAAGAUGCUAGAUUAAGGGUCUGGUCCGAAAGGGCGUGG 59
chr-2.trna45-Leu-AAG     GUGGAGAUGAUCGAG-CGGUCUAAGAUGCCAGAUUAAGGGUCUGGUCCGAAAGGGCGUGG 59
chr-2.trna74-Leu-AAG     GUGGAGAUGAUCGAG-CGGUCUAAGAUGCCAGAUUAAGGGUCUGGUCCGAAAGGGCGUGG 59
chr-9.trna2-Leu-AAG      GUGGAGAUGAUCGAG-CGGUCUAAGAUGCCAGAUUAAGGGUCUGGUCCGAAAGGGCGUGG 59
chr-2.trna12-Leu-AAG     GUGGAGAUGGUCGAG-CGGUCUAAGAUGCCAGAUUAAGGGUCUGGUCCGAAAGGGCGUGG 59
chr-1.trna39-Leu-AAG     GACGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-1.trna104-Leu-AAG    GACGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-9.trna89-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-9.trna88-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-9.trna69-Leu-AAG     GACGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna57-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna86-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-7.trna4-Leu-AAG      GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-2.trna88-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-5.trna66-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-5.trna48-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-5.trna30-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-5.trna6-Leu-AAG      GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-5.trna5-Leu-AAG      GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-4.trna2-Leu-AAG      GUUGAGAUGGCCGAGUUGGUCUAAGGCGCCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-9.trna40-Leu-AAG     GUUGAGAUGGCCGAGUUGGUCUAAGGCGUCAGAUUAAGGUUCUGGUCCGAAAGGGCGUGG 60
chr-1.trna10-Leu-AAG     GGGGAUGUAGCUCAACUGG--UAGAGCAUUA-AUCAAAG--CUGAU---AAAGGUACGGG 52
chr-1.trna8-Leu-AAG      GGGGAUGUAGCUCAACUGG--UAGAGCAUUA-AUCAAAG--CUGAU---AAAGGUACGAG 52
chr-1.trna16-Leu-AAG     GGGGAUGUAGCUCAACUGG--UAGAGCAUUA-AUCAAAG--CUGAU---AAAGGUAUGGG 52
chr-1.trna17-Leu-AAG     GGGGAUGUAGCUCAACUGG--UAGAGCAUUA-AUCAAAG--CUGAU---AAAGGUACGAG 52
chr-1.trna12-Leu-AAG     GGGGAUGUAGCUCAACUGG--UAGAGCAUUA-AUCAAAG--UUGAU---AAAGGUACGGG 52
chr-6.trna15-Leu-AAG     GGGGAUGUAGCUCAAUUGG--UAGAGCAUUA-AUCAAAG--CUGAU---AAAAGUACGGG 52
chr-1.trna15-Leu-AAG     GG-GGUGUAGCUCAACUGG--UAGAGCAUUA-AUCAAAG--UUGAU---AAAGGUACGGG 51
                         .........10........20........30........40........50.........
                         
                         (.......)))))))))))).
chr-8.trna24-Leu-AAG     GUUCAAAUCCCACUCUCCACA 74
chr-3.trna76-Leu-AAG     GUUCAAAUCCCACUCUCCACA 74
chr-2.trna71-Leu-AAG     GUUCAAAUCCCACUCUCCAUA 80
chr-2.trna72-Leu-AAG     GUUCAAAUCCCACUCUCCACA 80
chr-2.trna45-Leu-AAG     GUUCAAAUCCCACUCUCCACA 80
chr-2.trna74-Leu-AAG     GUUCAAAUCCCACUCUCCACA 80
chr-9.trna2-Leu-AAG      GUUCAAAUCCCACUCUCCACA 80
chr-2.trna12-Leu-AAG     GUUCAAAUCCCACUCUCCACA 80
chr-1.trna39-Leu-AAG     GUUCAAAUCCCACUCUCGUCA 81
chr-1.trna104-Leu-AAG    GUUCAAAUCCCACUCUCGUCA 81
chr-9.trna89-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-9.trna88-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-9.trna69-Leu-AAG     GUUCAAAUCCCACUCUCGUCA 81
chr-2.trna57-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-2.trna86-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-7.trna4-Leu-AAG      GUUCAAAUCCCACUCUCAACA 81
chr-2.trna88-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-5.trna66-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-5.trna48-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-5.trna30-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-5.trna6-Leu-AAG      GUUCAAAUCCCACUCUCAACA 81
chr-5.trna5-Leu-AAG      GUUCAAAUCCCACUCUCAACA 81
chr-4.trna2-Leu-AAG      GUUCAAAUCCCACUCUCAACA 81
chr-9.trna40-Leu-AAG     GUUCAAAUCCCACUCUCAACA 81
chr-1.trna10-Leu-AAG     GUUUGACUCCUCGCAUCUCCA 73
chr-1.trna8-Leu-AAG      GUUCGACUCCUCGCAUCUCCA 73
chr-1.trna16-Leu-AAG     GUUCGACUCCUCGCAUCUCCA 73
chr-1.trna17-Leu-AAG     GUUCAACUCCUUGCAUCUCCA 73
chr-1.trna12-Leu-AAG     GUUCAACUCCUCGCAUCUCCG 73
chr-6.trna15-Leu-AAG     GUUCGAUUCCUCGCAUCUCCA 73
chr-1.trna15-Leu-AAG     GUUCGACUCCUCGCAUCUCCA 72
                         .........70........80
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