```
                                (.((((....((.(((((.........)))))(((((.......)))))).....(((((
chr-2A.trna7-Asp-GTC        G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGGAG-GACCCGGG 53
chr-5B.trna74-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGACGAGACCGGG 54
chr-7A.trna97-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7C.trna75-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7C.trna76-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-2C.trna78-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-3D.trna16-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGAC--GACCGGG 52
chr-1D.trna102-Asp-GTC      G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-8D.trna24-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-2B.trna100-Asp-GTC      G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACACGGGC--GACCGGG 52
chr-1B.trna16-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-8D.trna14-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-1C.trna16-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-8B.trna23-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-7A.trna16-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-1D.trna38-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-2A.trna18-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-2B.trna79-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-7C.trna68-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-2C.trna6-Asp-GTC        G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-7D.trna74-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-2C.trna105-Asp-GTC      G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-2D.trna88-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-3A.trna8-Asp-GTC        G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-3B.trna11-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-7D.trna67-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-7D.trna65-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-7D.trna14-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGC--GACCGGG 52
chr-1A.trna72-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8D.trna27-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8D.trna25-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-1B.trna22-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-1B.trna72-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8D.trna28-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8D.trna13-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8C.trna18-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-1C.trna47-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8C.trna14-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8C.trna13-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8D.trna26-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-1D.trna97-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-2A.trna55-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-2B.trna40-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8B.trna16-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8B.trna15-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-2C.trna38-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-8A.trna23-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-2C.trna39-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-3B.trna54-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-3C.trna66-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7D.trna68-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-3D.trna17-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7D.trna66-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-3D.trna20-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-6B.trna73-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-6C.trna15-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7C.trna78-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7C.trna77-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-6C.trna58-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7A.trna6-Asp-GTC        G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7A.trna94-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7A.trna96-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7B.trna14-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7B.trna15-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-7A.trna95-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-3C.trna63-Asp-GTC       G-UCGU----UAUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-6D.trna10-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACUCGGGU--GACCGGG 52
chr-8B.trna17-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGUCUGUCACGCGGGU--GACCGGG 52
chr-8A.trna24-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-3A.trna54-Asp-GTC       G-UCGU----UCUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACACGGGU--GACCGGG 52
chr-8B.trna31-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCGCCUGUCACGCGGAC--GACCGGG 52
chr-7B.trna11-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-8D.trna22-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGAC--GACCGGG 52
chr-4D.trna39-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGAC--GACCGGG 52
chr-4D.trna54-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-7C.trna67-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-8C.trna17-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-7A.trna15-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-7A.trna13-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-5C.trna4-Asp-GTC        G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-7A.trna10-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-5D.trna59-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-7D.trna13-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-5A.trna66-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-4B.trna47-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-8A.trna22-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-7B.trna73-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-4A.trna41-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUCAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-4C.trna46-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GGCCCGGG 52
chr-7D.trna71-Asp-GTC       G-UCGU----UGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 52
chr-3A.trna7-Asp-GTC        G-UCGU----UGUAGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGCGGC-GACCGGG 53
chr-8B.trna22-Asp-GTC       G-UCGC----UGUAGUAU-ACUGGUGAGUACUCCCGUCUGUCACGCGGGU--GACCGGG 52
chr-3A.trna11-Asp-GTC       C-GAUG----CCUUGUAU-AGUGGUGAGUAUUCCCGCCUGUCACGCGGGU--GACCGGG 52
chr-2A.trna22-Asp-GTC       G-CUGUAGCUUGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 56
chr-2B.trna27-Asp-GTC       G-CUGUAGCUUGUAGUAU-AGUGGUGAGUAUUUCCGCCUGUCACGCGGAC--GACCGGG 56
chr-3A.trna44-Asp-GTC       ACUCGU----UGUAGUAU-AGUGGUGAGUAUUCCUGCCUGUCACGUGGGC--GAUCCGGG 53
chr-1B.trna85-Asp-GTC       G-GGAU----UGUAGUUCUAUUGGUCAGAGCACCGCCCUGUCAAGGCGGAA-GCUGCGGG 54
chr-1D.trna31-Asp-GTC       G-GGAU----UGUAGUUCAAUUGGUCAGAGCACCGCCCUGUCAAGGCGGAA-GCUGCGGG 54
chr-1A.trna84-Asp-GTC       G-GGAU----UGUAGUUCAAUUGGUCAGAGCACCGCCCUGUCAAGGCGGAA-GCUGCAGG 54
chr-1C.trna20-Asp-GTC       G-GGAU----UGUAGUUCAAUUGGUCAGAGCACCGCCCUGUCAAGGCGGAA-GCUGCAGG 54
chr-1A.trna87-Asp-GTC       G-GGAU----UGUAGUUCAAUUGGUCAGAGCACCGCCCUGUCAAGGCGGAA-GCUGCAGG 54
chr-3B.trna60-Asp-GTC       G-CCA-------UAGUG---GUGAUGAGUAUUCCCGCCUGUCACGCGGU---GACCCGGG 46
                            .........10........20........30........40........50.........
                                                                                          
                                .......)))))....)))))))).
chr-2A.trna7-Asp-GTC        UUCCAUCCCCGG----CAACGGCG 73
chr-5B.trna74-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 74
chr-7A.trna97-Asp-GTC       UUCGAU-CCCGG----CAACGGCG 71
chr-7C.trna75-Asp-GTC       UUCGAU-CCCGG----CAACGGCG 71
chr-7C.trna76-Asp-GTC       UUCGAU-CCCGG----CAACGGCG 71
chr-2C.trna78-Asp-GTC       UUCGAU-CCCGG----CAACGGCG 71
chr-3D.trna16-Asp-GTC       UUCGAU-CCCGG----CAACGGCG 71
chr-1D.trna102-Asp-GTC      UUCGAU-CCCCG----CAACGGCG 71
chr-8D.trna24-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2B.trna100-Asp-GTC      UUCGAUCCCCGG----CAACGGCG 72
chr-1B.trna16-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8D.trna14-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1C.trna16-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7B.trna74-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1C.trna17-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8B.trna23-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna16-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1D.trna38-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2A.trna18-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2B.trna79-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7C.trna68-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2C.trna6-Asp-GTC        UUCGAUCCCCGG----CAACGGCG 72
chr-7D.trna74-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2C.trna105-Asp-GTC      UUCGAUCCCCGG----CAACGGCG 72
chr-2D.trna88-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-3A.trna8-Asp-GTC        UUCGAUCCCCGG----CAACGGCG 72
chr-3B.trna11-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7D.trna67-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7D.trna65-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7D.trna14-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1A.trna72-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8D.trna27-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8D.trna25-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1B.trna22-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1B.trna72-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8D.trna28-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8D.trna13-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8C.trna18-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1C.trna47-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8C.trna14-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8C.trna13-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8D.trna26-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-1D.trna97-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2A.trna55-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2B.trna40-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8B.trna16-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8B.trna15-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2C.trna38-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8A.trna23-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-2C.trna39-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-3B.trna54-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-3C.trna66-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7D.trna68-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-3D.trna17-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7D.trna66-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-3D.trna20-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-6B.trna73-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-6C.trna15-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7C.trna78-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7C.trna77-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-6C.trna58-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna6-Asp-GTC        UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna94-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna96-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7B.trna14-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7B.trna15-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna95-Asp-GTC       UUCGAUCCUCGG----CAACGGCG 72
chr-3C.trna63-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-6D.trna10-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8B.trna17-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8A.trna24-Asp-GTC       UUCGAUCCCAGG----CAACGGCG 72
chr-3A.trna54-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8B.trna31-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7B.trna11-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8D.trna22-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-4D.trna39-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-4D.trna54-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7C.trna67-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8C.trna17-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna15-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna13-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-5C.trna4-Asp-GTC        UUCGAUCCCCGG----CAACGGCG 72
chr-7A.trna10-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-5D.trna59-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7D.trna13-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-5A.trna66-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-4B.trna47-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-8A.trna22-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-7B.trna73-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-4A.trna41-Asp-GTC       UUCGAUCCCCGG----CAACGGCG 72
chr-4C.trna46-Asp-GTC       UUCGAUCCCCGG----CAACGGUG 72
chr-7D.trna71-Asp-GTC       UUCGAUCCCCGG----CAACGGUG 72
chr-3A.trna7-Asp-GTC        UUCGAUCCC-G----CAACGGCG 72
chr-8B.trna22-Asp-GTC       UUCGA-CCCAG----CAACGACG 71
chr-3A.trna11-Asp-GTC       UUCGAUCCCGGCAACGGCGUUGU 76
chr-2A.trna22-Asp-GTC       UUCGAUCCCGG----CAACGGCG 76
chr-2B.trna27-Asp-GTC       UUCGAUCCCGG----CAACGGCG 76
chr-3A.trna44-Asp-GTC       UUCGAUCCCGG----UAACGGCG 73
chr-1B.trna85-Asp-GTC       UUCGAGCCU-GU----CAGUCCUG 73
chr-1D.trna31-Asp-GTC       UUCGAGCCU-GU----CAGUCCUG 73
chr-1A.trna84-Asp-GTC       UUCGAGCCCAGU----CAGUCCUG 74
chr-1C.trna20-Asp-GTC       UUCGAGCCCAGU----CAGUCCUG 74
chr-1A.trna87-Asp-GTC       UUCGAGCCCCGU----CAGUCCUG 74
chr-3B.trna60-Asp-GTC       UUCGAUCCCCGG----CAACGACG 66
                            .........70........80...
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