Homology to human tRNAs using tDRnamer
http://trna.ucsc.edu/tDRnamer/index.html

tDR-Gly GCGTTGGTGGTATAGTGGTGAGCATAGCTG

tDR-1:30-Gly-TCC-2 (tRF-Gly)

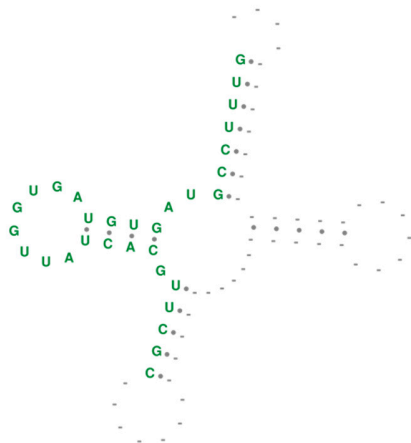|	
Organism	Homo sapiens (hg38 - GRCh38 Dec 2013)
tDR name ⓘ	tDR-1:30-Gly-TCC-2
tDR sequence	........|.........|.........| 5' GCGUUGGUGGUAUAGUGGUGAGCAUAGCUG
tDR sequence length	30
Sprinzl Position ⓘ	1 to 30 (Acceptor stem to Anticodon stem)
Source tRNA	tRNA-Gly-TCC-2
Source type	mature tRNA
Isotype	Gly
Anticodon	TCC
# of mapped isodecoders	1
# of mismatches	0
# of indels	0
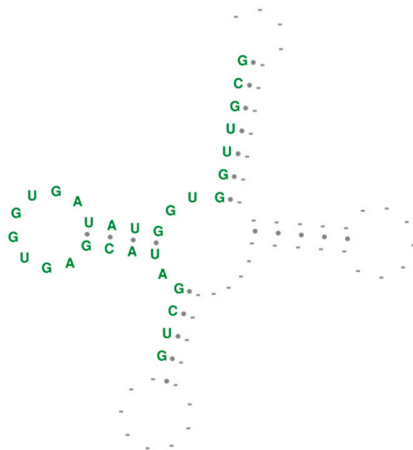
The alignment of the tDR-Gly to tRNA-Gly.

tDR-Val GTTTCCGTAGTGTAGTGGTTATCACGTTCGC

tDR-1:31-Val-AAC-1-M6 (tRF-Val)

Organism	Homo sapiens (hg38 - GRCh38 Dec 2013)
tDR name ⓘ	tDR-1:31-Val-AAC-1-M6
Synonyms	tDR-1:31-Val-AAC-3-M6 tDR-1:31-Val-AAC-4-M6 tDR-1:31-Val-CAC-1-M6 tDR-1:31-Val-CAC-4-M6 tDR-1:31-Val-CAC-5-M6
tDR sequence	.........|.........|.........|. 5' GUUUCCGUAGUGUAGUGGUUAUCACGUUCGC
tDR sequence length	31
Sprinzl Position ⓘ	1 to 31 (Acceptor stem to Anticodon stem)
Source tRNAs	tRNA-Val-AAC-1 tRNA-Val-AAC-3 tRNA-Val-AAC-4 tRNA-Val-CAC-1 tRNA-Val-CAC-4 tRNA-Val-CAC-5
Source type	mature tRNA
Isotype	Val
Anticodon	CAC, AAC
# of mapped isodecoders	6
# of mismatches	0
# of indels	0

The alignment of the tDR-Val to tRNA-Val.