

Nucleoside	Gene	Location ^a (Occurrence)	H ₂ O ₂		MMS		NaOCl		NaAsO ₂	
			Qty ^b	Tox ^b	Qty	Tox	Qty	Tox	Qty	Tox
m ² ₂ G	TRM1	26 (18)	+			+				+
m ⁵ U	TRM2	54 (29)								
Gm	TRM3	18 (9)					+			
	TRM7	34 (1)		+			+			+
m ⁵ C	TRM4	34 (1), 40 (1), 48 (15), 49 (10)	+	+		+		+		+
m ¹ A	TRM6	58			+					
	TRM61	58								
Cm	TRM7	<u>32</u> (3), 34 (1)	+	+						+
	TRM13	4 (3)								
m ⁷ G	TRM8/ TRM82	46			+					
mcm ⁵ U	TRM9	34	+			+	+		+	+
mcm ⁵ s ² U	TRM9	34								+
m ¹ G	TRM10									
	TRM5	<u>37</u>								
m ² G	TRM11	10					+		+	
	TRM112	10								
yW	TRM12	<u>37</u>					+			
	TRM7?									
	TRM5									
ncm ⁵ Um	TRM7?									
Um	TRM44	44								+
I	TAD1	<u>37</u>					+			
i ⁶ A	MOD5	<u>37</u>					+			
ac ⁴ C	TAN1	12								
m ³ C	?	<u>32</u>			+					
Y	PUS1	27, 28, 34 , 35								

^a Location and enzyme data taken from refs. 1-4; numbers indicate tRNA nucleotide position, with the number of occurrences in yeast tRNA in parentheses; bold: anticodon (positions 34-36); underlined: positions within the anticodon loop (positions 31-39).

^b "Qty": change in the level of the ribonucleoside caused by the agent; "Tox": loss of the secondary modification biosynthetic gene causes to sensitivity to the agent