

Table I
Variable tRNA abundance

The concentrations ($\mu\text{mol/litre}$) for the indicated tRNA iso-acceptors in *E. coli* growing at 37°C at a rate of 0.5 doublings/h is given ($[\text{tRNA}]_{0.5}$). The difference between the concentrations ($\mu\text{mol/litre}$) at growth rates corresponding to 2.1 and to 0.5 doublings/h for these same iso-acceptor species is given ($\Delta[\text{tRNA}]$).

tRNA species	$[\text{tRNA}]_{0.5}$ ($\mu\text{mol/litre}$)	$\Delta[\text{tRNA}]$ ($\mu\text{mol/litre}$)	Reference
Leu ₁	15.0	11.0	29
Leu ₂	5.7	-3.3	29
Leu ₃	0.8	1.6	29
Leu ₄	8.0	-5.6	29
Leu ₅	9.4	-7.0	29
Met _{f1}	8.1	12.0	29
Met _{f2}	2.6	1.5	29
Met _e	3.8	1.9	29
Gly ₁	5.7	-3.7	32
Gly ₂	4.9	4.8	32
Gly ₃	15.1	17.4	32
Pro ₁	7.6	10.2	32
Pro ₂	6.8	-4.5	32
Pro ₃	7.2	-3.1	32
Arg ₂	11.0	16.6	32
Arg ₃	7.2	-3.1	32
Arg ₄	2.3	2.5	32
Arg ₅	0.4	0.4	32
Phe	12.8	-2.8	32
Glu ₂	7.9	11.6	32