

TABLE IV
Best fitting equations for rates of synthesis of rRNA, tRNA, and protein

Y	Equations	a_0	a_1	S.D.
Rate of rRNA synthesis	$\ln y = \ln C + a_1 \ln x^*$	18.0	2.19	0.037
	$y = a_0 x^{a_1}$	6.51×10^7	2.19	
Rate of tRNA synthesis	$\ln y = \ln C + a_1 x^*$	13.4	2.30	0.104
	$y = a_0 \exp a_1 x$	6.45×10^6	2.30	
Rate of protein synthesis	$y = a_0 + a_1 x^*$	-1.43×10^7	3.43×10^8	2.36×10^6

* $\ln C = a_0$.