

elF2β/elF1A variants	mRNA	k ₁ (x10 ⁻³ s ⁻¹)	k ₂ (x10 ⁻³ s ⁻¹)	α1	α2	K _{amp} (α ₂ /α ₁)	Rb
WT/WT	AUG	12 ± 2.0	0.4 ± 0.06	0.13 ± 0.01	0.87 ± 0.01	6.7 ± 0.6	0.20 ± 0.002
WT/WT	UUG	17.5 ± 1.5	0.8 ± 0.09	0.19 ± 0.02	0.81 ± 0.02	4.4 ± 0.7	0.18 ± 0.002
S264Y/ WT	UUG	5.2 ± 1.1	0.4 ± 0.05	0.13 ± 0.01	0.88 ± 0.02	7.0 ± 0.9	0.18 ± 0.002
S264Y/ R13P	UUG	15.2 ± 1.4	0.75 ± 0.05	0.84 ± 0.03	0.16 ±0.03	0.19 ± 0.04	0.17 ± 0.002

Figure 5-figure supplement 1