



eIF2 $\beta$ /eIF1A variants	mRNA	$k_1$ ( $\times 10^{-3} \text{s}^{-1}$ )	$k_2$ ( $\times 10^{-3} \text{s}^{-1}$ )	$\alpha_1$	$\alpha_2$	$K_{amp} (\alpha_2/\alpha_1)$	$R_b$
WT/WT	AUG	$12 \pm 2.0$	$0.4 \pm 0.06$	$0.13 \pm 0.01$	$0.87 \pm 0.01$	$6.7 \pm 0.6$	$0.20 \pm 0.002$
WT/WT	UUG	$17.5 \pm 1.5$	$0.8 \pm 0.09$	$0.19 \pm 0.02$	$0.81 \pm 0.02$	$4.4 \pm 0.7$	$0.18 \pm 0.002$
S264Y/ WT	UUG	$5.2 \pm 1.1$	$0.4 \pm 0.05$	$0.13 \pm 0.01$	$0.88 \pm 0.02$	$7.0 \pm 0.9$	$0.18 \pm 0.002$
S264Y/ R13P	UUG	$15.2 \pm 1.4$	$0.75 \pm 0.05$	$0.84 \pm 0.03$	$0.16 \pm 0.03$	$0.19 \pm 0.04$	$0.17 \pm 0.002$

Figure 5-figure supplement 1