

Supplementary Table 6 — Values of four replicate count-per-minute endpoints (taken at time  $t = 10$  min. in time-course measurements as in Fig. 9C) of *Leishmania major* AlaRS under DMSO or without added enzyme, their means and standard deviations, and their corresponding Z-factor in the scintillation counter-based aminoacylation time-course assay.

Replicate	DMSO Endpoint	No Enzyme Endpoint
1	2674	25
2	2844	20
3	2814	27
4	3047	326
mean	2844.75	99.5
std. dev.	153.8	151.03
<b>Z'</b>	<b>0.67</b>	