

SUPPLEMENTAL TABLE S2
ESTIMATED Z-FACTORS AND SUMMARY STATISTICS USING PARATHION

Plate Number	Z-factor	Standard Deviation (negative control)	Standard Deviation (positive control)	Mean (negative control)	Mean (positive control)
1	0.7620	0.0628	0.1227	5.8411	3.5036
2	0.7310	0.0572	0.1557	5.8322	3.4572
3	0.8292	0.0551	0.0827	5.9068	3.4870
4	0.8065	0.0618	0.0895	5.7675	3.4228
5	0.7546	0.0446	0.1530	5.7687	3.3531
6	0.8618	0.0295	0.0801	5.7737	3.3938
7	0.7740	0.0606	0.1140	5.8553	3.5372
8	0.6805	0.0771	0.1814	5.7169	3.2893
9	0.8894	0.0330	0.0496	5.8052	3.5646
10	0.7020	0.1079	0.1360	5.9039	3.4490

Using the 10 replicate plates in the preliminary experiment, the Z-factor and summary statistics were calculated using 200 μ M parathion as positive control. The summary statistics include standard deviations and means for the negative control (1% DMSO) as well as the positive control (Parathion).