

SUPPLEMENTAL TABLE S1**ESTIMATED Z-FACTORS AND SUMMARY STATISTICS USING 4% DMSO WITH VEHICLE CONTROL**

Plate Number	Z-factor	Standard Deviation (negative control)	Standard Deviation (positive control)	Mean (negative control)	Mean (positive control)
1	0.8113	0.0628	0.0640	5.8411	3.8252
2	0.3960	0.0572	0.3016	5.8322	4.0496
3	0.8762	0.0551	0.0416	5.9068	3.5642
4	0.8264	0.0618	0.0655	5.7675	3.5671
5	0.4678	0.0446	0.2511	5.7687	4.1021
6	0.8683	0.0295	0.0780	5.7737	3.3251
7	0.7080	0.0606	0.0669	5.8553	4.5454
8	0.6139	0.0771	0.0961	5.7169	4.3707
9	0.8395	0.0330	0.0775	5.8052	3.7388
10	0.5768	0.1079	0.2145	5.9039	3.6183

Using the 10 replicate plates in the preliminary experiment, the Z-factor and summary statistics were calculated using 4% DMSO as positive control. The summary statistics include standard deviations and means for the negative control (1% DMSO) as well as the positive control (4% DMSO).