

Each raw data excel file included in this research effort is in the same format shown below (black) and was downloaded from the laptop associated with a LABTEACH Omega fluorometer. Format of the files are generated by the program. Identification of each item is described below (red). Raw data was analyzed as described in the manuscript methods section. GraphPad Prism data analysis file format (.pzfx) stored in subfolders at \\AA.AD.EPA.GOV\ORD\RTP\USERS\E-J\emedlock\Net MyDocuments\LabBookData\CV-1a Transduction Assay\.

Phil Hartig, USEPA PI
 Template name for flourescence reading/auto-injection timing.
 User ID label 1 (name)
 User ID Label 2 (experiment identifier)
 User ID 3 (date)
 Type of light measured

User: HARTIG	Path: C:\Program Files\BMG\Omega\P Hartig\Data\	Test ID: 741
Test Name: LUCIFERASE	Date: 6/1/2017	Time: 3:47:43 PM
ID1: elizabeth		
ID2: CV1a-hGR dex and 6a-methylprednisolone		
ID3: 6-1-2017		
Luminescence		

1. Sum of Range 1 based on Raw Data (lens) **96-well plate fluorescence readings**

	1	2	3	4	5	6	7	8	9	10	11	12
A	422	407	434	533	1853	13377	24159	30661	33163	33532	36247	38100
B	473	394	403	499	1997	11437	25141	32288	32359	32657	33760	34804
C	471	420	426	499	1861	11734	22237	30898	34594	32575	34078	36023
D	446	445	499	506	2066	13041	22778	32535	29479	32464	33701	35501
E	7095	499	509	447	574	1585	9392	23686	27169	29802	34307	32386
F	9229	410	431	498	596	1234	8982	24637	27074	29987	34208	33485
G	13432	485	468	404	571	1183	9563	23478	28912	26826	34540	33400
H	10346	445	456	430	481	1280	7661	22795	25582	29313	32386	33161

2. Average based on Sum of Range 1 (lens) **96-well plate fluorescence readings: Average for each chemical treatment (4 vertical replicates each)**

	1	2	3	4	5	6	7	8	9	10	11	12
A	453	417	441	509	1944	12397	23579	31596	32399	32807	34447	36107
B	453	417	441	509	1944	12397	23579	31596	32399	32807	34447	36107
C	453	417	441	509	1944	12397	23579	31596	32399	32807	34447	36107
D	453	417	441	509	1944	12397	23579	31596	32399	32807	34447	36107
E	10026	460	466	445	556	1321	8900	23649	27184	28982	33860	33108
F	10026	460	466	445	556	1321	8900	23649	27184	28982	33860	33108
G	10026	460	466	445	556	1321	8900	23649	27184	28982	33860	33108
H	10026	460	466	445	556	1321	8900	23649	27184	28982	33860	33108

96-well plate well column identifier

96-well plate well row identifier

96-well plate well column identifier

96-well plate well row identifier