

appendix 1. Significance of post-hoc test. Results were expressed in compare to control group.

Gene	Concentration (μM)	Mean Difference between treated and control cells	p Value	Fold Difference (Compare to Control)	95% Confidence Interval	
					Lower Bound	Upper Bound
<i>diras3</i>	5	.06000	1.000	1.06	-.7498	.8698
	10	.56333	.219	1.57	-.2464	1.3731
	25	1.02333	.013*	2.02	.2136	1.8331
	50	1.72000	.000*	2.72	.9102	2.5298
	100	3.44667	.000*	4.45	2.6369	4.2564
<i>pmaip1</i>	5	.27333	.112	1.28	-.0524	.5991
	10	.12667	.693	1.13	-.1991	.4524
	25	.76667	.000*	1.77	.4409	1.0924
	50	1.23333	.000*	2.24	.9076	1.5591
	100	-.10333	.822	0.90	-.4291	.2224
<i>cyp1a1</i>	5	.31000	.999	1.31	-3.2235	3.8435
	10	1.64667	.548	2.65	-1.8868	5.1802
	25	3.91333	.029*	4.91	.3798	7.4468
	50	4.16333	.020*	5.16	.6298	7.6968
	100	12.70333	.000*	13.70	9.1698	16.2368
<i>gstm1</i>	5	1.01667	.049*	2.02	.0025	2.0308
	10	1.92667	.001*	2.93	.9125	2.9408
	25	1.86333	.001*	2.86	.8492	2.8775
	50	1.54333	.003*	2.54	.5292	2.5575
	100	-.08000	.999	0.92	-1.0942	.9342

* The mean difference is significant at the 0.05 level

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					Lower Bound	Upper Bound
<i>diras3</i>	5	.98667	.994	1.99	-6.4865	8.4598
	10	4.57333	.316	5.57	-2.8998	12.0465
	25	8.09333	.033*	9.09	.6202	15.5665
	50	7.55000	.047*	8.55	.0768	15.0232
	100	5.33000	.203	6.33	-2.1432	12.8032
<i>pmaip1</i>	5	-.37000	.001*	0.63	-.5805	-.1595
	10	-.62667	.000*	0.38	-.8372	-.4161
	25	-.75000	.000*	0.25	-.9605	-.5395
	50	-.77667	.000*	0.22	-.9872	-.5661
	100	-.84333	.000*	0.16	-1.0539	-.6328
<i>cyp1a1</i>	5	.06333	.999	1.06	-.6089	.7355
	10	.30667	.567	1.31	-.3655	.9789
	25	.96667	.005*	1.96	.2945	1.6389
	50	.44000	.263	1.44	-.2322	1.1122
	100	.92667	.007*	1.92	.2545	1.5989
<i>gstm1</i>	5	-.77333	.000*	0.23	-.8595	-.6872
	10	-.81333	.000*	0.19	-.8995	-.7272
	25	-.75667	.000*	0.24	-.8428	-.6705
	50	-.86333	.000*	0.14	-.9495	-.7772
	100	-.82000	.000*	0.18	-.9061	-.7339

* The mean difference is significant at the 0.05 level