

SUPPLEMENTARY TABLES

Supplementary Table 3. Statistical analysis of clone formation experiment.

2wayANOVA									
Multiple comparisons									
1	Within each row, compare columns (simple effects within rows)								
2									
3	Number of families	2							
4	Number of comparisons per family	6							
5	Alpha	0.05							
6									
7	Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
8									
9	LN229								
10	DMSO vs. TMZ 250uM	0.07728	-0.1011 to 0.2557	No	ns	0.6475			
11	DMSO vs. Celecoxib 30uM	0.3435	0.1651 to 0.5219	Yes	****	<0.0001			
12	DMSO vs. Celecoxib 30uM+TMZ 250uM	0.6027	0.4243 to 0.7811	Yes	****	<0.0001			
13	TMZ 250uM VS. Celecoxib 30uM	0.2663	0.08785 to 0.4447	Yes	**	0.0017			
14	TMZ 250uM VS. Celecoxib 30uM+TMZ 250uM	0.5255	0.3471 to 0.7039	Yes	****	<0.0001			
15	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	0.2592	0.08079 to 0.4376	Yes	**	0.0023			
16									
17	LN18								
18	DMSO vs. TMZ 250uM	0.03566	-0.1428 to 0.2141	No	ns	0.9482			
19	DMSO vs. Celecoxib 30uM	0.3534	0.175 to 0.5318	Yes	****	<0.0001			
20	DMSO vs. Celecoxib 30uM+TMZ 250uM	0.6174	0.439 to 0.7958	Yes	****	<0.0001			
21	TMZ 250uM vs. Celecoxib 30uM	0.3178	0.1394 to 0.4962	Yes	***	0.0002			
22	TMZ 250uM vs. Celecoxib 30uM+TMZ 250uM	0.5818	0.4034 to 0.7602	Yes	****	<0.0001			
23	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	0.264	0.08559 to 0.4424	Yes	**	0.0018			
24									
25									
26	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	q	DF
27									
28	LN229								
29	DMSO vs. TMZ 250uM	1.015	0.9378	0.07728	0.06585	5	5	1.66	32
30	DMSO vs. Celecoxib 30uM	1.015	0.6715	0.3435	0.06585	5	5	7.378	32
31	DMSO vs. Celecoxib 30uM+TMZ 250uM	1.015	0.4123	0.6027	0.06585	5	5	12.94	32
32	TMZ 250uM vs. Celecoxib 30uM	0.9378	0.6715	0.2663	0.06585	5	5	5.718	32
33	TMZ 250uM vs. Celecoxib 30uM+TMZ 250uM	0.9378	0.4123	0.5255	0.06585	5	5	11.29	32
2wayANOVA									
Multiple comparisons									
34	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	0.6715	0.4123	0.2592	0.06585	5	5	5.567	32
35									
36	LN18								

37	DMSO vs. TMZ 250uM	1	0.9643	0.03566	0.06585	5	5	0.7658	32
38	DMSO vs. Celecoxib 30uM	1	0.6466	0.3534	0.06585	5	5	7.59	32
39	DMSO vs. Celecoxib 30uM+TMZ 250uM	1	0.3826	0.6174	0.06585	5	5	13.26	32
40	TMZ 250uM vs. Celecoxib 30uM	0.9643	0.6466	0.3178	0.06585	5	5	6.824	32
41	TMZ 250uM vs. Celecoxib 30uM+TMZ 250uM	0.9643	0.3826	0.5818	0.06585	5	5	12.49	32
42	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	0.6466	0.3826	0.264	0.06585	5	5	5.67	32

Supplementary Table 4. Statistical analysis of apoptosis experiment.

2wayANOVA									
Multiple comparisons									
1	Within each row, compare columns (simple effects within rows)								
2									
3	Number of families	2							
4	Number of comparisons per family	6							
5	Alpha	0.05							
6									
7	Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
8									
9	LN229								
10	DMSO vs. TMZ 250uM	-0.41	-2.241 to 1.421	No	ns	0.9292			
11	DMSO vs. Celecoxib 30uM	-2.28	-4.111 to -0.4495	Yes	*	0.0100			
12	DMSO vs. Celecoxib 30uM+TMZ 250uM	-5.59	-7.421 to -3.759	Yes	****	<0.0001			
13	TMZ 250uM VS. Celecoxib 30uM	-1.87	-3.701 to -0.0395	Yes	*	0.0438			
14	TMZ 250uM VS. Celecoxib 30uM+TMZ 250uM	-5.18	-7.011 to -3.349	Yes	****	<0.0001			
15	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	-3.31	-5.141 to -1.479	Yes	***	0.0002			
16									
17	LN18								
18	DMSO vs. TMZ 250uM	-1.65	-3.481 to 0.1805	No	ns	0.0893			
19	DMSO vs. Celecoxib 30uM	-8.23	-10.06 to -6.399	Yes	****	<0.0001			
20	DMSO vs. Celecoxib 30uM+TMZ 250uM	-23.4	-25.23 to -21.57	Yes	****	<0.0001			
21	TMZ 250uM vs. Celecoxib 30uM	-6.58	-8.411 to -4.749	Yes	****	<0.0001			
22	TMZ 250uM vs. Celecoxib 30uM+TMZ 250uM	-21.75	-23.58 to -19.92	Yes	****	<0.0001			
23	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	-15.17	-17 to -13.34	Yes	****	<0.0001			
24									
25									
26	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	q	DF
27									
28	LN229								
29	DMSO vs. TMZ 250uM	4.56	4.97	-0.41	0.6756	5	5	0.8582	32
30	DMSO vs. Celecoxib 30uM	4.56	6.84	-2.28	0.6756	5	5	4.773	32
31	DMSO vs. Celecoxib 30uM+TMZ 250uM	4.56	10.15	-5.59	0.6756	5	5	11.7	32
32	TMZ 250uM vs. Celecoxib 30uM	4.97	6.84	-1.87	0.6756	5	5	3.914	32
33	TMZ 250uM vs. Celecoxib 30uM+TMZ 250uM	4.97	10.15	-5.18	0.6756	5	5	10.84	32
2wayANOVA									
Multiple comparisons									
34	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	6.84	10.15	-3.31	0.6756	5	5	6.929	32
35									

36	LN18								
37	DMSO vs. TMZ 250uM	6.44	8.09	-1.65	0.6756	5	5	3.454	32
38	DMSO vs. Celecoxib 30uM	6.44	14.67	-8.23	0.6756	5	5	17.23	32
39	DMSO vs. Celecoxib 30uM+TMZ 250uM	6.44	29.84	-23.4	0.6756	5	5	48.98	32
40	TMZ 250uM vs. Celecoxib 30uM	8.09	14.67	-6.58	0.6756	5	5	13.77	32
41	TMZ 250uM vs. Celecoxib 30uM+TMZ 250uM	8.09	29.84	-21.75	0.6756	5	5	45.53	32
42	Celecoxib 30uM vs. Celecoxib 30uM+TMZ 250uM	14.67	29.84	-15.17	0.6756	5	5	31.75	32