

S4 Table. Raw MTT cell survival assay data

Experiment 1

Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM		
Control	Control		2.553	2.2538	0.4070775	1.1337741	1	0.1606183	
Control	25uM Cisplatin		2.553			1.1337741			
			1.4481			0.6425149			
			2.758			1.2237111			
			2.7057	2.66135	0.0628382	1.2005038	1.1808279	0.027881	
			2.6012			1.1541397			
Control	50uM Cisplatin		2.553			1.1337741			
			2.5249			1.1202857			
			2.8136			1.2483805			
			2.8532	2.7522	0.1129219	1.2659508	1.2211376	0.0501029	
			2.8551			1.2667939			
Control	25uM Etoposide		2.553			1.1337741			
			1.2957			0.5748957	0.5843243	0.0199729	
			1.1983			0.5318798			
			1.3863			0.6150945			
			1.3875	1.31695	0.0450149	0.6156269			
Control	100uM Etoposide		2.553			1.1337741			
			1.0281			0.4561629	0.4743544	0.0088951	
			1.0536			0.4674771			
			1.0718	1.0691	0.0200478	0.4755524			
			1.1229			0.4982252			
Control	0.25uM Doxorubicin		2.553			1.1337741			
			1.0095			0.4479102	0.4352205	0.005064	
			0.9643			0.4278552			
			0.9808	0.9809	0.0114132	0.4263022			
			0.989			0.4388144			
Control	0.5uM Doxorubicin		2.553			1.1337741			
			0.9387			0.4164966	0.3667916	0.0234103	
			0.7454			0.3307303			
			0.8943			0.3967965			
			0.7283	0.826675	0.0527621	0.3231431			
Control	1uM Doxorubicin		2.553			1.1337741			
			0.7866			0.341024	0.3224665	0.0170064	
			0.8042			0.3568196			
			0.6299	0.726775	0.038329	0.2794835			
			0.7044			0.3125388			
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest	
Isoform 1	Control		2.7779	3.185	0.1400786	0.8721821	1	0.0439807	
Isoform 1	25uM Cisplatin		2.7779			0.8721821			
			3.4118			1.0712088			
			3.2432			1.0182732			
			3.3071			1.0383359			
			2.5774	2.734725	0.150975	0.8081633	0.8586264	0.0474019	0.0011338
Isoform 1	50uM Cisplatin		2.7779			0.8721821			
			3.0276			0.9505808			
			2.3919			0.750989			
			2.6924	2.698325	0.0617355	0.8453375	0.8471978	0.0193832	0.0012542
			2.5336			0.7854788			
Isoform 1	25uM Etoposide		2.7779			0.8721821			
			2.7389			0.8599372			
			2.8284			0.8880377			
			1.1967	1.136225	0.0381761	0.37573	0.3567425	0.0119862	0.0001053
			1.1059			0.3710316			
Isoform 1	100uM Etoposide		2.7779			0.8721821			
			1.1467			0.3600314			
			1.1756			0.3691052			
			1.0536	1.07835	0.0086245	0.3308006	0.3385714	0.0027079	0.000134
			1.065			0.3406593			
Isoform 1	0.25uM Doxorubicin		2.7779			0.8721821			
			1.0814			0.339529			
			1.0934			0.3432967			
			1.1372	0.8883	0.094862	0.3570487	0.2789011	0.029784	0.0060881
			0.8984			0.2789325			
Isoform 1	0.5uM Doxorubicin		2.7779			0.8721821			
			0.8771			0.225903			
			0.8505			0.267033			
			0.7521	0.742225	0.019719	0.2361381	0.2330377	0.0061912	0.0041085
			0.7211			0.226405			
Isoform 1	1uM Doxorubicin		2.7779			0.8721821			
			0.7029			0.2208593			
			0.7929			0.2489482			
			0.7153	0.7409	0.0353093	0.224584	0.2326217	0.0110861	0.0031832
			0.7144			0.2243014			
	0.6887			0.2162323					
	0.8452			0.2653689					
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest	
Isoform 2	Control		3.2002	3.2007	0.0606963	0.9598438	1	0.0189835	
Isoform 2	25uM Cisplatin		3.2002			0.9598438			
			3.2989			1.0306808			
			3.0298			0.9466054			
			3.2739			1.02287			
			2.6959	2.7752	0.2260894	0.8422845	0.8670603	0.0706375	0.0075727
Isoform 2	50uM Cisplatin		3.2002			0.9598438			
			2.3633			0.7383697			
			2.6228			0.8194457			
			3.4188			1.0681413			
			2.8067	2.7145	0.1139156	0.8775268	0.8480957	0.0355908	0.000661
Isoform 2	25uM Etoposide		3.2002			0.9598438			
			2.5804			0.8061986			
			2.4814			0.7752679			
			2.9875			0.9333896			
			1.1729	1.180075	0.0091984	0.3664511	0.3686928	0.0028739	0.0007298
Isoform 2	100uM Etoposide		3.2002			0.9598438			
			1.1579			0.3611646			
			1.1902			0.3718562			
			1.1993			0.3746993			
			1.3922	0.9706	0.143051	0.4349674	0.3032462	0.0446937	0.0144627
Isoform 2	0.25uM Doxorubicin		3.2002			0.9598438			
			0.8132			0.2540694			
			0.7747			0.2420408			
			0.9023			0.2819071			
			0.9089	1.0055	0.033819	0.2839691	0.31415	0.0105661	0.0001675
Isoform 2	0.5uM Doxorubicin		3.2002			0.9598438			
			1.0185			0.3182116			
			1.0664			0.3331771			
			1.0282			0.3212422			
			0.6981	0.70205	0.0044873	0.2181085	0.2193426	0.001402	0.0039776
Isoform 2	1uM Doxorubicin		3.2002			0.9598438			
			0.6955			0.2172962			
			0.7153			0.2294824			
			0.6993			0.2184835			
			0.5675	0.6532	0.0633951	0.177305	0.204804	0.0198066	0.0020921
	0.5936			0.1729622					
	0.6628			0.2070797					
	0.8289			0.2589746					
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest	
Control	Control		2.6407	2.2215667	0.2159264	1.1886657	1	0.0971955	
Control	75uM Cisplatin		2.6407			1.1886657			
			1.9219			0.8651102			
			2.1021			0.9462241			
			2.6412	2.471875	0.0760526	1.1886907	1.112672	0.0342338	
			2.2884			1.0303839			
Control	100uM Cisplatin		2.6407			1.1886657			
			2.4199			1.0892763			
			2.538			1.142437			
			2.7274	2.43845	0.1300682	1.2276922	1.0976263	0.0585479	
			2.525			1.1365853			
Control	50uM Etoposide		2.6407			1.1886657			
			2.3948			1.077978			
			2.1066			0.9482497			
			0.9228	0.821725	0.0607193	0.4153825	0.3698854	0.0273318	
			0.8793			0.3958018			
Control	75uM Etoposide		2.6407			1.1886657			
			0.8376			0.3770312			
			0.6472			0.2913259			
			0.636	0.71165	0.039019	0.2862845	0.320337	0.0152603	
			0.7493			0.3372845			
Control	150uM Etoposide		2.6407			1.1886657			
			0.6762			0.3043798			
			0.7851			0.3533993			
			0.6972	0.679275	0.0379616	0.3183326	0.305764	0.0170878	
			0.7286			0.3279668			
Control	0.75uM Doxorubicin		2.6407			1.1886657			
			0.5673			0.2553603			
			0.1582	0.3237	0.0552837	0.071211	0.145708	0.024885	
			0.3689			0.166054			
			0.3821			0.1719957			
Control	2uM Doxorubicin		2.6407			1.1886657			
			0.3856			0.1735712			
			0.676	0.572625	0.0404821	0.3042898	0.2577573	0.0182223	
			0.5979			0.2691344			
			0.5026			0.2262367			
	0.514			0.2319683					
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest	
Isoform 1	Control		2.667	2.673525	0.0750858	0.9245439	1	0.0261302	
Isoform 1	75uM Cisplatin		2.667			0.9245439			
			2.8914			1.0062206			
			2.9893			1.0402902			
			2.9677			1.0289453			
			2.3771	2.44125	0.113466	0.795214	0.8495663	0.0387491	0.0011742
Isoform 1	100uM Cisplatin		2.667			0.9245439			
			2.5355			0.882865			
			2.2321			0.7767811			

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Experiment 2

Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest
Control	Control	3.8911	2.9365	0.3246975	1.3250809	1	0.110573	
		2.4357			0.8294568			
		2.7171			0.9252852			
		2.7021			0.9201771			
Control	25uM Cisplatin	2.7189	2.7824333	0.0786395	0.9258982	0.9475339	0.02678	
		2.6896			0.9159203			
		2.9388			1.0007832			
Control	50uM Cisplatin	3.0213	2.741775	0.1092953	1.0288779	0.9336881	0.0372196	
		2.6652			0.9076111			
		2.7795			0.946535			
		2.5011			0.8517282			
Control	25uM Etoposide	1.3766	1.2145	0.0737554	0.4687894	0.4135876	0.0251168	
		1.1441			0.3896135			
		1.2908			0.4395709			
		1.0465			0.3563786			
Control	100uM Etoposide	0.8786	1.16775	0.1421819	0.2291997	0.3976673	0.0484188	
		1.4253			0.4853737			
		1.3982			0.4761451			
		0.9689			0.3299506			
Control	0.25uM Doxorubicin	0.7743	0.704525	0.0376962	0.2636813	0.23992	0.0128371	
		0.6424			0.2187638			
		0.7651			0.2605483			
		0.6363			0.2168885			
Control	0.5uM Doxorubicin	0.5627	0.471475	0.0336665	0.1916227	0.1605568	0.0114648	
		0.4004			0.1363528			
		0.4579			0.1559339			
		0.4649			0.1583177			
Control	1uM Doxorubicin	0.5265	0.570375	0.0234244	0.1792951	0.1942363	0.007977	
		0.5612			0.1911119			
		0.5571			0.1897156			
		0.6367			0.2168227			
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest
Isoform 1	Control	2.6271	2.900025	0.3102741	0.9058887	1	0.1069901	
		2.5916			0.8936475			
		3.8297			1.3205748			
		2.5517			0.879889			
Isoform 1	25uM Cisplatin	3.0748	3.105	0.1417773	1.0602667	1.0706804	0.0488883	0.0423151
		3.1079			1.0716804			
		2.7723			0.9559573			
		3.465			1.1948173			
Isoform 1	50uM Cisplatin	2.7739	2.647075	0.0912483	0.956509	0.9127766	0.0314647	0.3416278
		2.7666			0.9539918			
		2.3839			0.8220274			
		2.6639			0.9185783			
Isoform 1	25uM Etoposide	1.0746	1.086775	0.0349603	0.3705485	0.3747468	0.0120552	0.1154109
		0.9884			0.3442729			
		1.1658			0.4019965			
		1.1083			0.3821691			
Isoform 1	100uM Etoposide	0.9747	1.078475	0.1487895	0.3361006	0.3718847	0.0513063	0.3636689
		0.873			0.3010319			
		1.5202			0.5242024			
		0.946			0.3262041			
Isoform 1	0.25uM Doxorubicin	0.753	0.677325	0.0391733	0.2596529	0.2335583	0.0135079	0.3722405
		0.5795			0.1998259			
		0.6505			0.2243084			
		0.7263			0.2504461			
Isoform 1	0.5uM Doxorubicin	0.5184	0.502425	0.0106366	0.1787571	0.1732485	0.0036678	0.1785706
		0.4898			0.1688951			
		0.5224			0.1801364			
		0.4791			0.1652055			
Isoform 1	1uM Doxorubicin	0.5317	0.52455	0.014127	0.1833432	0.1808778	0.0048713	0.1063629
		0.4955			0.1708606			
		0.5104			0.1759985			
		0.5606			0.1933087			
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest
Isoform 2	Control	3.5703	2.848275	0.3680011	1.2534955	1	0.1292014	
		2.1588			0.7579324			
		3.3923			1.1910016			
		2.2717			0.7375705			
Isoform 2	25uM Cisplatin	2.7819	3.06755	0.2208958	0.9768964	1.0769852	0.0775542	0.0979328
		2.9061			1.0203018			
		3.7258			1.30809			
		2.8564			1.0028526			
Isoform 2	50uM Cisplatin	3.1651	2.6998	0.1747103	1.111234	0.947872	0.061339	0.4255778
		2.3626			0.8294845			
		2.7538			0.9668308			
		2.5177			0.8839385			
Isoform 2	25uM Etoposide	0.9839	0.97805	0.0582098	0.3454372	0.3433833	0.0204369	0.0375646
		1.0661			0.3742967			
		1.0504			0.3687846			
		0.8118			0.2850146			
Isoform 2	100uM Etoposide	0.7853	0.91955	0.114395	0.2757107	0.3228445	0.0401629	0.1403357
		0.8317			0.2920013			
		1.2615			0.4428996			
		0.7997			0.2807664			
Isoform 2	0.25uM Doxorubicin	0.5834	0.5778	0.0100186	0.1978039	0.2028596	0.0035174	0.0293383
		0.5859			0.2057035			
		0.6023			0.2114613			
		0.5596			0.1964698			
Isoform 2	0.5uM Doxorubicin	0.4639	0.444975	0.0100316	0.1628705	0.1562261	0.003522	0.369212
		0.4193			0.1472119			
		0.4575			0.1606235			
		0.4992			0.1541986			
Isoform 2	1uM Doxorubicin	0.4481	0.5013	0.0198259	0.1573233	0.1760013	0.0069607	0.0683393
		0.494			0.1734383			
		0.5328			0.1870606			
		0.5303			0.1861829			

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Experiment 3

Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	
Control	Control	2.9747	2.786125	0.1185097	1.0676836	1	0.0425357	
		2.4876			0.862853			
		2.9786			1.0690834			
		2.7036			0.97038			
Control	25uM Cisplatin	3.035	2.7741333	0.132775	1.0893266	0.9956959	0.0476558	
		2.6007			0.933447			
		2.6867			0.9643142			
Control	50uM Cisplatin	2.5966	2.619275	0.144703	0.9319754	0.940114	0.051937	
		2.9877			1.0723496			
		2.6126			0.9377182			
		2.2802			0.8184127			
Control	25uM Etoposide	1.2813	1.2289	0.0198408	0.459886	0.4410786	0.0071213	
		1.2347			0.431803			
		1.211			0.4346539			
		1.1886			0.426614			
Control	100uM Etoposide	1.0474	1.044675	0.0334957	0.3759343	0.3749563	0.0120223	
		0.9698			0.3888094			
		1.0675			0.3831486			
		0.9525			0.3418727			
Control	0.25uM Doxorubicin	0.9577	0.9305	0.0224168	0.3437391	0.3339764	0.0080459	
		0.9289			0.3334021			
		0.8679			0.3115079			
		0.9675			0.3472565			
Control	0.5uM Doxorubicin	0.7468	0.69775	0.0247671	0.2690425	0.2504374	0.0088894	
		0.734			0.2634483			
		0.6563			0.2355601			
		0.6539			0.2346987			
Control	1uM Doxorubicin	0.6988	0.7689	0.0710804	0.3480892	0.2759747	0.0255123	
		0.7692			0.276924			
		0.6646			0.2385392			
		0.672			0.2411952			
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest
Isoform 1	Control	2.8579	2.707625	0.0530336	1.0555007	1	0.0195868	
		2.6662			0.9847006			
		2.6952			0.9954111			
		2.6112			0.9643876			
Isoform 1	25uM Cisplatin	2.8969	2.627525	0.124143	1.0699044	0.9704169	0.0458494	0.3594351
		2.6818			0.9904621			
		2.6346			0.9730299			
		2.2988			0.8482711			
Isoform 1	50uM Cisplatin	2.3776	2.3856	0.0422563	0.8781127	0.8810674	0.0156064	0.1723999
		2.462			0.909284			
		2.2702			0.838447			
		2.4326			0.8884257			
Isoform 1	25uM Etoposide	1.0081	1.013725	0.0030587	0.3723189	0.3743964	0.0011297	0.0010943
		1.0224			0.3776003			
		1.0116			0.3736116			
		1.0128			0.3740548			
Isoform 1	100uM Etoposide	0.9885	0.94255	0.0260968	0.3650801	0.3481095	0.0096382	0.0672139
		0.8804			0.3251558			
		0.9185			0.3392272			
		0.9828			0.3629749			
Isoform 1	0.25uM Doxorubicin	0.9024	0.90805	0.0180178	0.333281	0.3353677	0.0066545	0.4492497
		0.9395			0.3469831			
		0.8595			0.3174369			
		0.9308			0.3437699			
Isoform 1	0.5uM Doxorubicin	0.6851	0.662175	0.014669	0.2530262	0.2445593	0.0054177	0.2984505
		0.6869			0.253691			
		0.6259			0.231162			
		0.6508			0.2403582			
Isoform 1	1uM Doxorubicin	0.6538	0.686075	0.0310801	0.2414662	0.2533863	0.0114787	0.2314956
		0.6547			0.2417986			
		0.6565			0.2424634			
		0.7793			0.2878168			
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest
Isoform 2	Control	2.6776	2.2919	0.1391063	1.1652893	1	0.0606947	
		2.294			1.0009163			
		2.1622			0.9434094			
		2.0338			0.887386			
Isoform 2	25uM Cisplatin	2.2009	2.125975	0.1068774	0.9602095	0.9276037	0.0466327	0.1781208
		2.0328			0.8884997			
		1.8875			0.8235525			
		2.3827			1.0396178			
Isoform 2	50uM Cisplatin	2.3431	2.136575	0.1027358	1.0223305	0.9322287	0.0448256	0.4561621
		2.2829			0.9607031			
		1.9732			0.8609451			
		1.9471			0.8495571			
Isoform 2	25uM Etoposide	1.2348	1.016875	0.0958929	0.5388767	0.4436821	0.0418399	0.477373
		1.1211			0.4891575			
		0.8487			0.3703041			
		0.8629			0.3764998			
Isoform 2	100uM Etoposide	1.0148	0.946875	0.0351713	0.4427767	0.4131398	0.0153459	0.0503134
		0.882			0.3848335			
		0.8905			0.3885423			
		1.0002			0.4364065			
Isoform 2	0.25uM Doxorubicin	0.9521	0.80485	0.0531141	0.4154105	0.3511715	0.0231747	0.2823852
		0.7997			0.3489245			
		0.7658			0.3341333			
		0.7018			0.3062088			
Isoform 2	0.5uM Doxorubicin	0.6202	0.565825	0.0421588	0.2786552	0.2468803	0.0183947	0.4346104
		0.6303			0.275012			
		0.5662			0.2470439			
		0.4466			0.1948602			
Isoform 2	1uM Doxorubicin	0.5299	0.518025	0.0086185	0.2312055	0.2260243	0.0037604	0.072158
		0.533			0.2325581			
		0.4955			0.2161962			
		0.5137			0.2241372			

Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	
Control	Control	3.0919	2.78305	0.1259683	1.1109754	1	0.0452627	
		2.8852			1.0367043			
		2.5694			0.9232317			
		2.5857			0.9290886			
Control	75uM Cisplatin	2.6588	2.4978	0.0823666	0.9553547	0.8975045	0.0295958	
		2.4475			0.8794308			
		2.3871			0.857728			
Control	100uM Cisplatin	2.8826	2.514875	0.0714429	0.9639065	0.9036399	0.0256707	
		2.5408			0.9129552			
		2.5008			0.8985825			
		2.3353			0.8391154			
Control	50uM Etoposide	1.1259	1.1125	0.019191	0.4045562	0.3997413	0.0068957	
		1.083			0.3891414			
		1.1608			0.4170964			
		1.0803			0.3881713			
Control	75uM Etoposide	1.0035	1.0441	0.0370993	0.3605756	0.3751639	0.0133305	
		1.0459			0.3758107			
		0.9795			0.351952			
		1.1475			0.4123174			
Control	150uM Etoposide	1.032	1.024625	0.0055479	0.3708162	0.3681662	0.0019935	
		1.0081			0.3622285			
		1.0291			0.3697742			
		1.0293			0.369846			
Control	2uM Doxorubicin	0.685	0.70845	0.0152684	0.2461328	0.2545588	0.0054862	
		0.7272			0.2612961			
		0.7415			0.2664343			
		0.6801			0.2443722			
Genotype	Treatment	A540	Average	SEM	Relative	Average	SEM	ttest
Isoform 1	Control	2.6811	2.785525	0.1049882	0.9825116	1	0.0376906	
		2.7875			1.000709			
		2.5958			0.931689			
		3.0777			1.1048905			
Isoform 1	25uM Cisplatin	2.5932	2.48865	0.0586232	0.9309556	0.8934222	0.0210456	0.4580402
		2.5847			0.9279041			
		2.3664			0.8495346			
		2.4103			0.8652947			
Isoform 1	100uM Cisplatin	2.5439	2.255525	0.1087323	0.9132569	0.8097307	0.0390348	0.0492984
		2.1014			0.7544			
		2.3023			0.8265228			
		2.0745			0.7447429			
Isoform 1	50uM Etoposide	0.8861	0.920275	0.0295492	0.3181088	0.3303776	0.0106081	0.0012546
		1.0045			0.3606142			
		0.9172			0.3292737			
		0.8733			0.3135136			
Isoform 1	75uM Etoposide	0.9192	0.960425	0.0346057	0.3299917	0.3447914	0.0124234	0.0734233
		1.0193			0.3300276			
		0.94			0.3374588			
		0.9632			0.3816875			
Isoform 1	150uM Etoposide	0.8505	0.872325	0.0396671	0.3053284	0.3131636	0.0142404	0.0146983