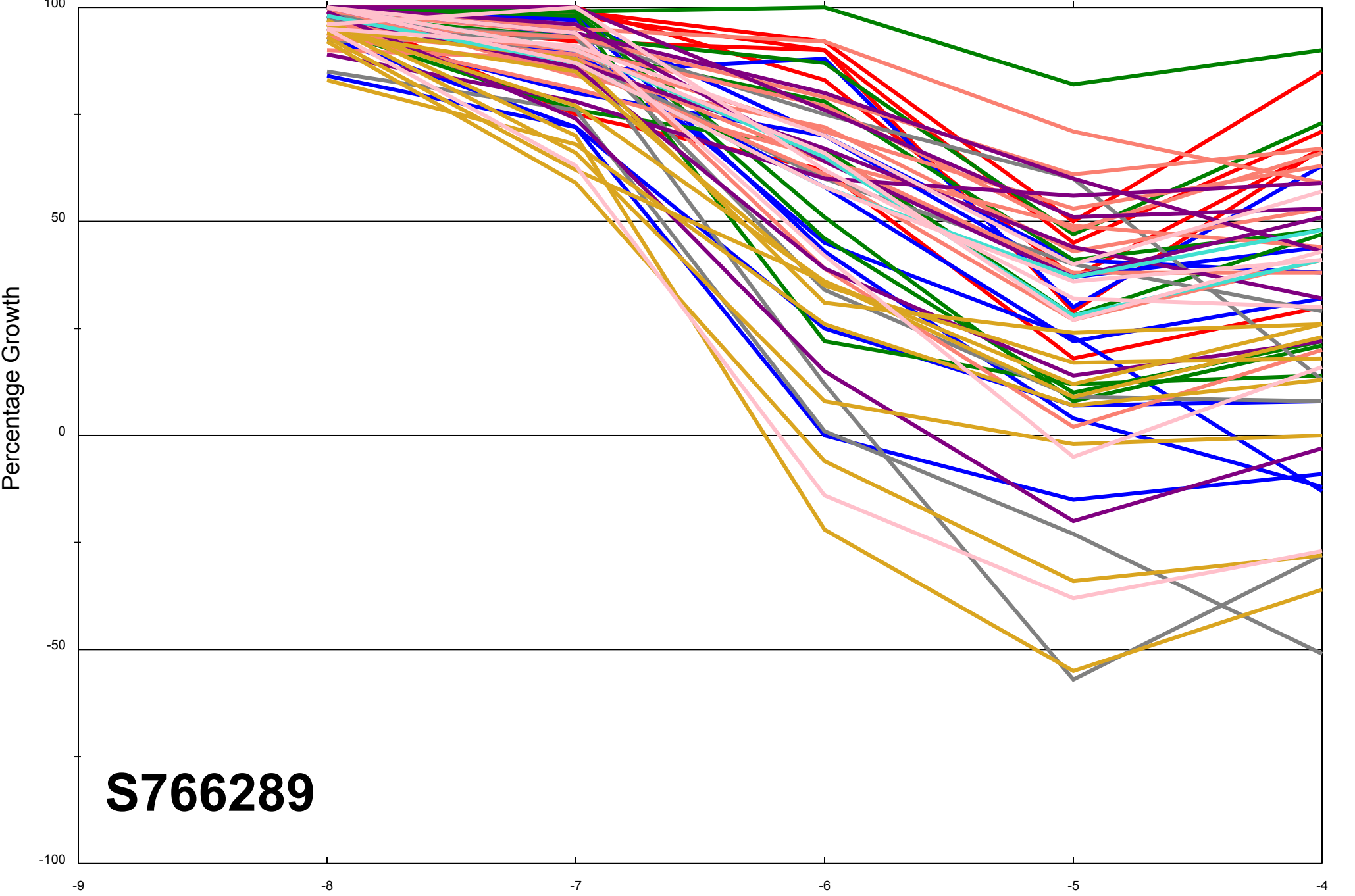


Dose Response Curves

Report Date: June 14, 2013

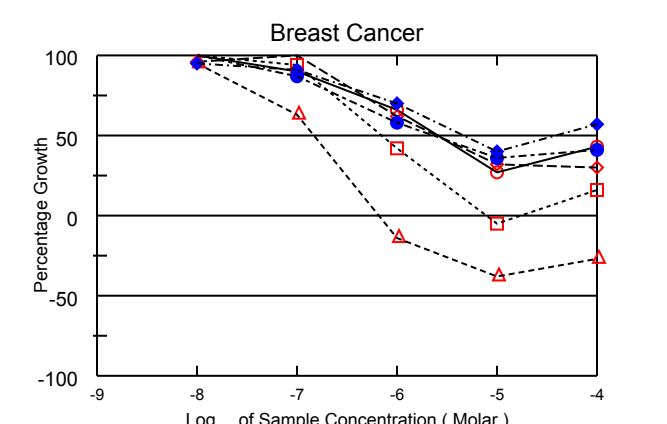
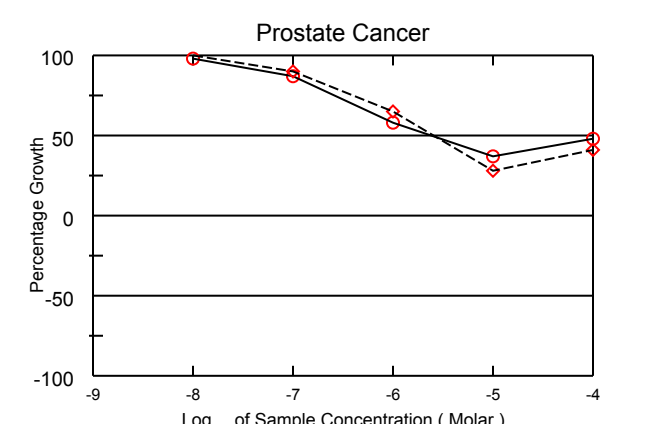
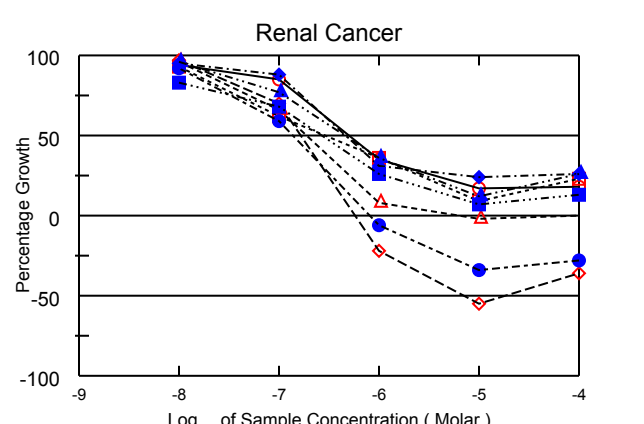
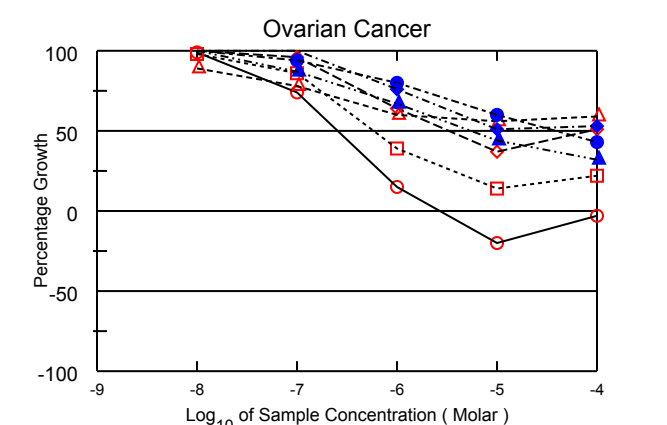
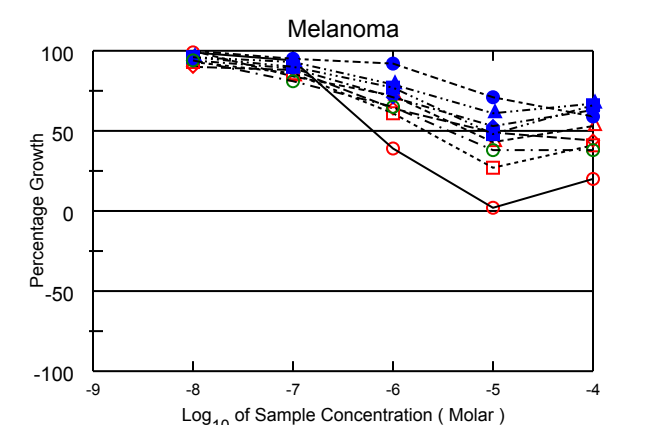
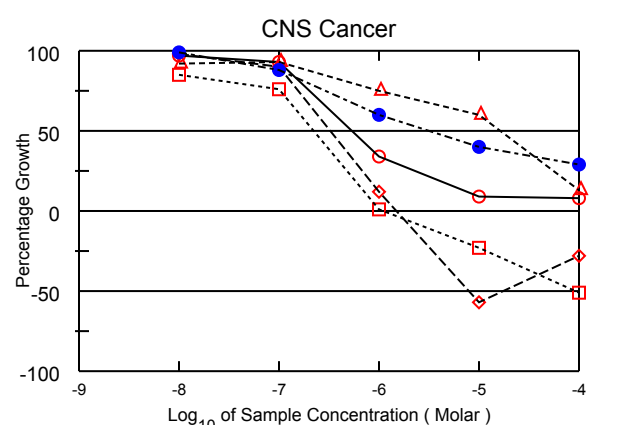
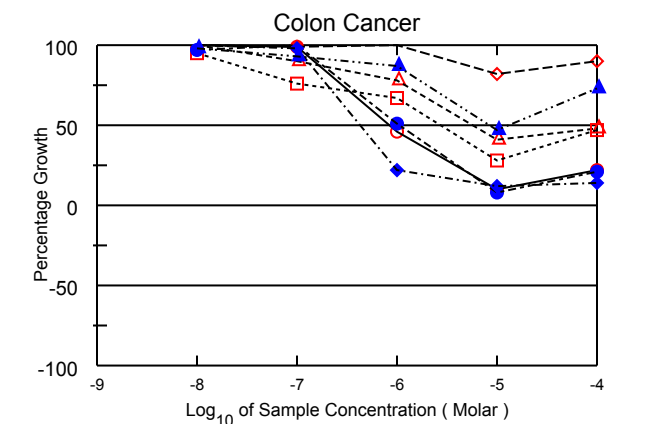
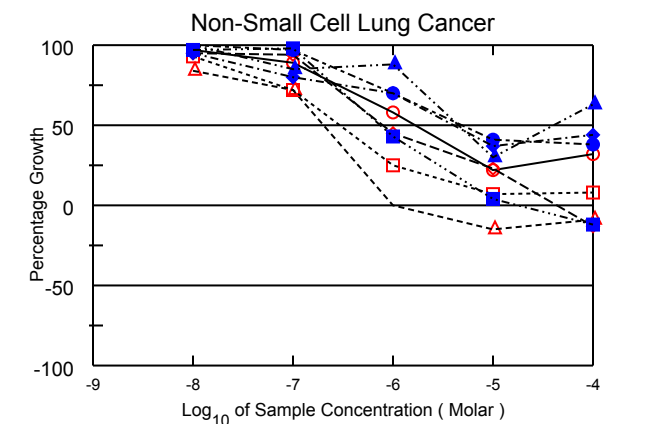
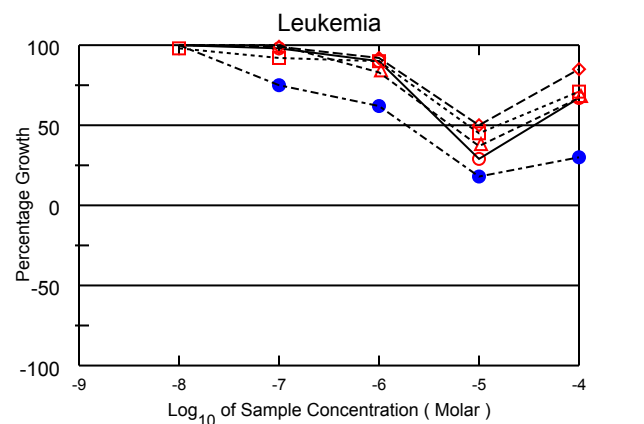
Test Date: September 04, 2012

All Cell Lines



S766289

Log_{10} of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 766289 / 1	Experiment ID : 1209NS37	Test Type : 08	Units : Molar
Report Date : June 14, 2013	Test Date : September 04, 2012	QNS :	MC :
COMI : MT300 (119201)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50	
	Time Zero	Ctrl	-8.0	-7.0	Mean Optical Densities			Percent Growth								
					-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0				
Leukemia																
CCRF-CEM	0.287	1.572	1.578	1.546	1.442	0.661	1.142	100	98	90	29	67	.	> 1.00E-4	> 1.00E-4	
K-562	0.187	1.550	1.623	1.532	1.440	0.867	1.344	105	99	92	50	85	.	> 1.00E-4	> 1.00E-4	
MOLT-4	0.594	2.299	2.400	2.432	2.012	1.229	1.742	106	108	83	37	67	.	> 1.00E-4	> 1.00E-4	
RPMI-8226	0.353	1.452	1.425	1.359	1.346	0.844	1.135	98	92	90	45	71	.	> 1.00E-4	> 1.00E-4	
SR	0.372	1.684	1.696	1.359	1.182	0.604	0.769	101	75	62	18	30	1.84E-6	> 1.00E-4	> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.368	1.752	1.711	1.603	1.170	0.670	0.810	97	89	58	22	32	1.66E-6	> 1.00E-4	> 1.00E-4	
HOP-62	0.452	1.223	1.183	1.174	0.799	0.631	0.395	95	94	45	23	-13	7.91E-7	4.43E-5	> 1.00E-4	
HOP-92	1.308	1.800	1.722	1.665	1.308	1.115	1.186	84	72	.	-15	-9	2.04E-7	1.00E-6	> 1.00E-4	
NCI-H226	0.824	1.495	1.445	1.309	0.993	0.874	0.879	93	72	25	7	8	2.97E-7	> 1.00E-4	> 1.00E-4	
NCI-H23	0.872	2.280	2.279	2.239	1.863	1.449	1.405	100	97	70	41	38	4.93E-6	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.797	1.860	1.807	1.652	1.544	1.187	1.269	95	80	70	37	44	4.01E-6	> 1.00E-4	> 1.00E-4	
NCI-H460	0.344	2.876	2.895	2.497	2.575	1.096	1.936	101	85	88	30	63	.	> 1.00E-4	> 1.00E-4	
NCI-H522	0.997	2.216	2.181	2.194	1.525	1.051	0.878	97	98	43	4	-12	7.56E-7	1.87E-5	> 1.00E-4	
Colon Cancer																
COLO 205	0.394	1.515	1.542	1.499	0.907	0.509	0.646	102	99	46	10	22	8.29E-7	> 1.00E-4	> 1.00E-4	
HCC-2998	1.077	3.016	3.058	2.995	3.074	2.667	2.819	102	99	103	82	90	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HCT-116	0.154	1.486	1.520	1.353	1.195	0.699	0.791	103	90	78	41	48	5.70E-6	> 1.00E-4	> 1.00E-4	
HCT-15	0.338	1.796	1.728	1.442	1.316	0.743	1.020	95	76	67	28	47	2.72E-6	> 1.00E-4	> 1.00E-4	
HT29	0.187	1.161	1.136	1.187	0.682	0.264	0.392	97	103	51	8	21	1.04E-6	> 1.00E-4	> 1.00E-4	
KM12	0.519	2.099	2.137	2.064	0.863	0.715	0.734	102	98	22	12	14	4.25E-7	> 1.00E-4	> 1.00E-4	
SW-620	0.480	3.076	3.037	2.891	2.734	1.703	2.363	98	93	87	47	73	.	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.886	2.086	2.047	2.006	1.295	0.994	0.986	97	93	34	9	8	5.38E-7	> 1.00E-4	> 1.00E-4	
SF-539	0.907	2.258	2.226	2.128	1.075	0.393	0.656	98	90	12	-57	-28	3.30E-7	1.51E-6	.	
SNB-19	0.800	2.417	2.295	2.302	2.016	1.767	1.014	92	93	75	60	13	1.62E-5	> 1.00E-4	> 1.00E-4	
SNB-75	0.879	1.544	1.441	1.382	0.885	0.679	0.430	85	76	1	-23	-51	2.20E-7	1.09E-6	9.12E-5	
U251	0.512	2.259	2.238	2.051	1.562	1.209	1.018	99	88	60	40	29	3.16E-6	> 1.00E-4	> 1.00E-4	
Melanoma																
LOX IMVI	0.356	1.957	1.942	1.868	0.981	0.393	0.682	99	94	39	2	20	6.33E-7	> 1.00E-4	> 1.00E-4	
MALME-3M	0.578	1.036	0.990	0.982	0.872	0.803	0.782	90	88	64	49	44	8.69E-6	> 1.00E-4	> 1.00E-4	
M14	0.488	1.758	1.803	1.555	1.398	1.034	1.165	104	84	72	43	53	.	> 1.00E-4	> 1.00E-4	
MDA-MB-435	0.407	1.817	1.723	1.617	1.274	0.792	0.988	93	86	61	27	41	2.17E-6	> 1.00E-4	> 1.00E-4	
SK-MEL-2	0.749	1.359	1.376	1.326	1.310	1.182	1.110	103	95	92	71	59	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SK-MEL-28	0.529	1.470	1.412	1.367	1.198	1.030	1.124	94	89	71	53	63	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.589	2.923	2.837	2.761	2.442	2.021	2.164	96	93	79	61	67	> 1.00E-4	> 1.00E-4	> 1.00E-4	
UACC-257	0.760	1.518	1.484	1.446	1.341	1.125	1.264	96	90	77	48	66	.	> 1.00E-4	> 1.00E-4	
UACC-62	0.899	3.004	2.872	2.613	2.258	1.703	1.701	94	81	65	38	38	3.56E-6	> 1.00E-4	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.665	2.012	2.004	1.659	0.869	0.531	0.647	99	74	15	-20	-3	2.54E-7	2.68E-6	> 1.00E-4	
OVCAR-3	0.548	1.431	1.487	1.393	1.111	0.878	0.999	106	96	64	37	51	.	> 1.00E-4	> 1.00E-4	
OVCAR-4	0.575	1.136	1.073	1.012	0.913	0.887	0.907	89	78	60	56	59	> 1.00E-4	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.642	1.451	1.432	1.339	0.958	0.752	0.817	98	86	39	14	22	5.87E-7	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.478	1.869	1.905	1.784	1.596	1.310	1.081	103	94	80	60	43	3.94E-5	> 1.00E-4	> 1.00E-4	
NCI/ADR-RES	0.650	1.999	2.017	2.054	1.681	1.335	1.362	101	104	76	51	53	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SK-OV-3	0.583	1.464	1.495	1.347	1.176	0.970	0.863	103	87	67	44	32	5.48E-6	> 1.00E-4	> 1.00E-4	
Renal Cancer																
786-0	0.506	2.007	1.912	1.775	1.039	0.767	0.781	94	85	35	17	18	5.06E-7	> 1.00E-4	> 1.00E-4	
A498	1.553	2.510	2.481	2.220	1.213	0.704	0.990	97	70	-22	-55	-36	1.64E-7	5.76E-7	.	
ACHN	0.395	1.647	1.595	1.223	0.496	0.387	0.399	96	66	8	-2	.	1.89E-7	.	> 1.00E-4	
CAKI-1	0.736	2.614	2.481	1.907	1.417	0.897	1.174	93	62	36	9	23	2.97E-7	> 1.00E-4	> 1.00E-4	
RXF 393	0.701	1.200	1.160	0.998	0.662	0.460	0.503	92	59	-6	-34	-28	1.40E-7	8.19E-7	> 1.00E-4	
SN12C	0.726	3.036	2.923	2.755	1.444	1.277	1.326	95	88	31	24	26	4.64E-7	> 1.00E-4	> 1.00E-4	
TK-10	0.763	1.579	1.544	1.395	1.056	0.857	0.974	96	77	36	12	26	4.57E-7	> 1.00E-4	> 1.00E-4	
UO-31	0.770	1.948	1.744	1.568	1.078	0.852	0.923	83	68	26	7	13	2.67E-7	> 1.00E-4	> 1.00E-4	
Prostate Cancer																
PC-3	0.433	1.411	1.395	1.286	1.001	0.790	0.898	98	87	58	37	48	2.36E-6	> 1.00E-4	> 1.00E-4	
DU-145	0.502	1.616	1.688	1.499	1.230	0.813	0.954	106	90	65	28	41	2.57E-6	> 1.00E-4	> 1.00E-4	
Breast Cancer																
MCF7	0.384	2.039	2.067	1.882	1.478	0.825	1.092	102	90	66	27	43	2.55E-6	> 1.00E-4	> 1.00E-4	
MDA-MB-231/ATCC	0.638	1.569	1.528	1.594	1.215	0.934	0.915	96	103	62	32	30	2.49E-6	> 1.00E-4	> 1.00E-4	
HS 578T	1.371	2.035	2.002	1.792	1.180	0.852	0.995	95	63	-14	-38	-27	1.49E-7	6.60E-7	> 1.00E-4	
BT-549	0.761	1.608	1.622	1.554	1.119	0.722	0.893	102	94	42	-5	16	7.05E-7	.	> 1.00E-4	
T-47D	0.672	1.426	1.435	1.332	1.107	0.947	0.983	101	87	58	36	41	2.29E-6	> 1.00E-4	> 1.00E-4	
MDA-MB-468	0.700	1.558	1.516	1.485	1.302	1.042	1.192	95	91	70	40	57	.	> 1.00E-4	> 1.00E-4	

Mean Graphs

Report Date :June 14, 2013

Test Date :September 04, 2012

