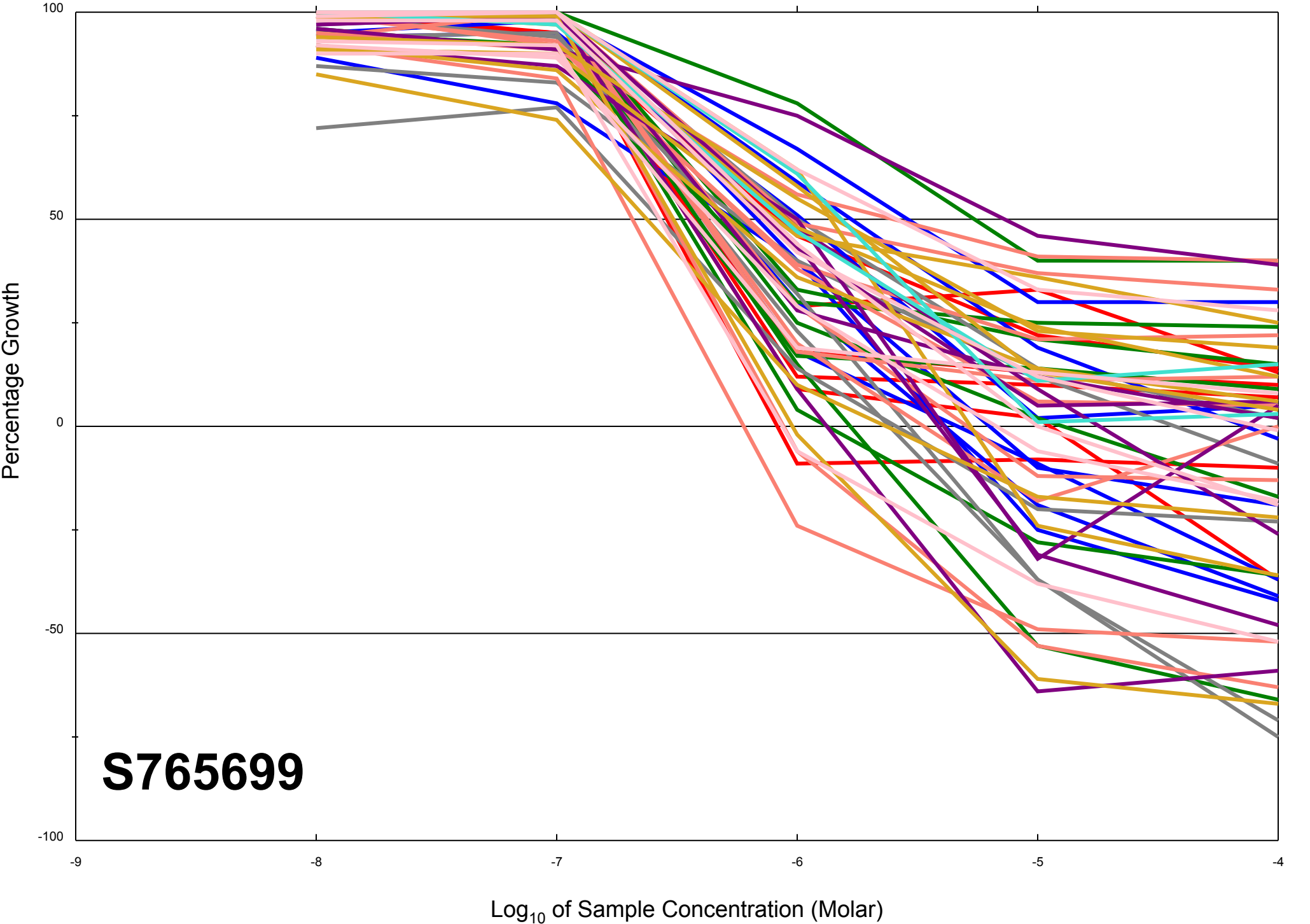


Dose Response Curves

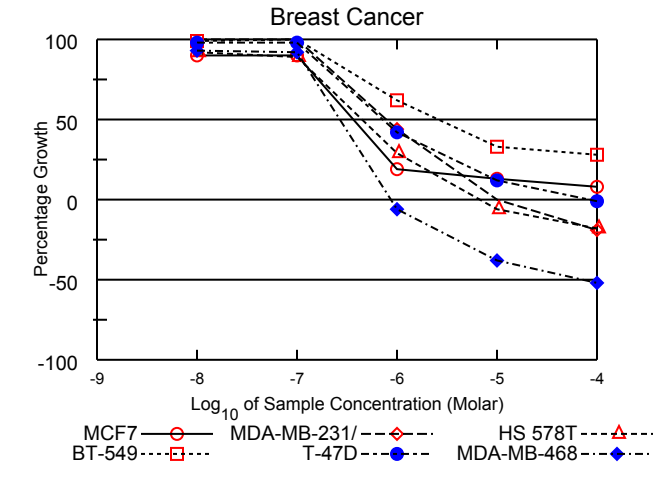
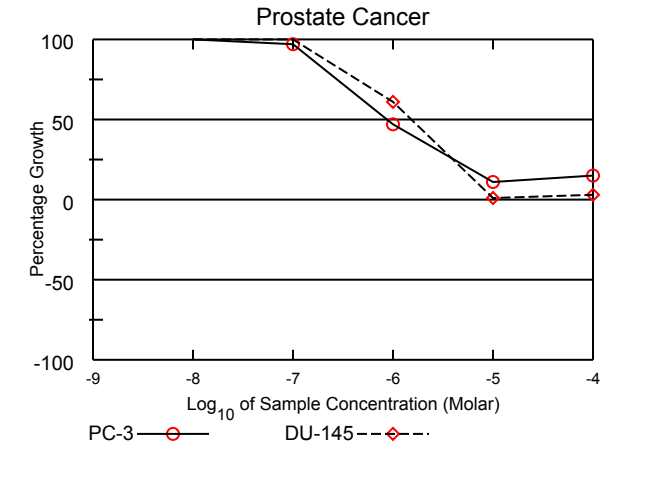
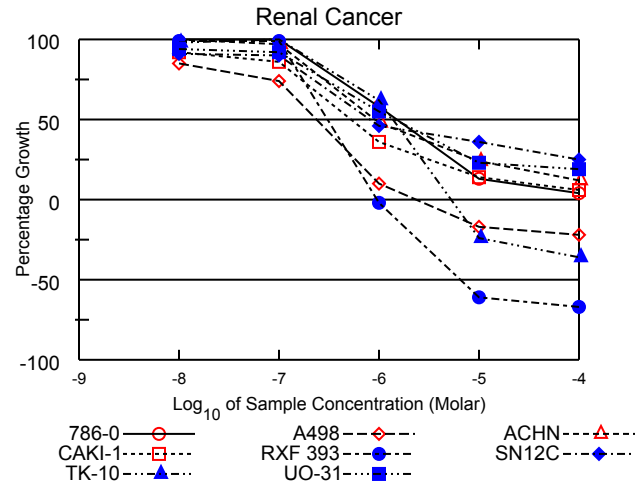
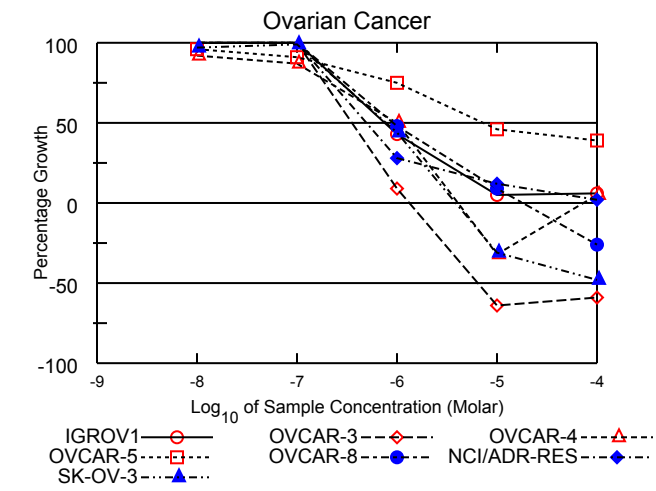
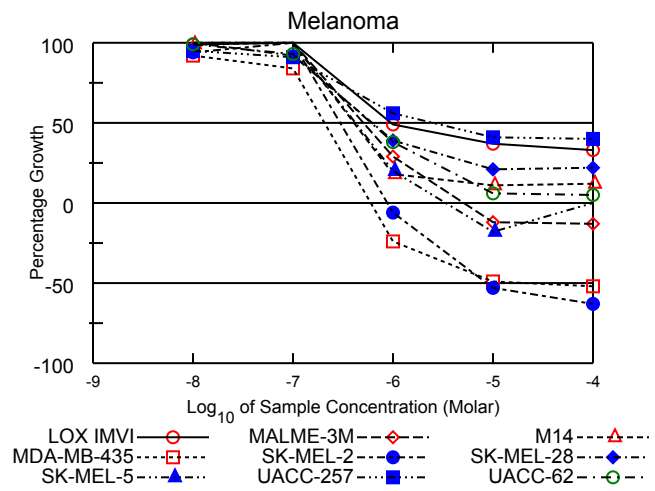
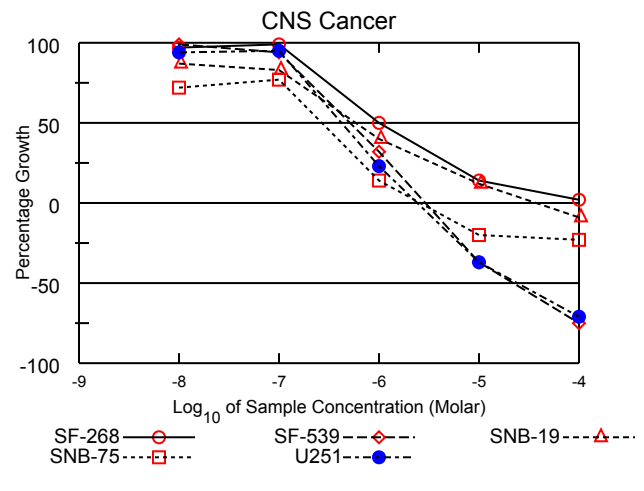
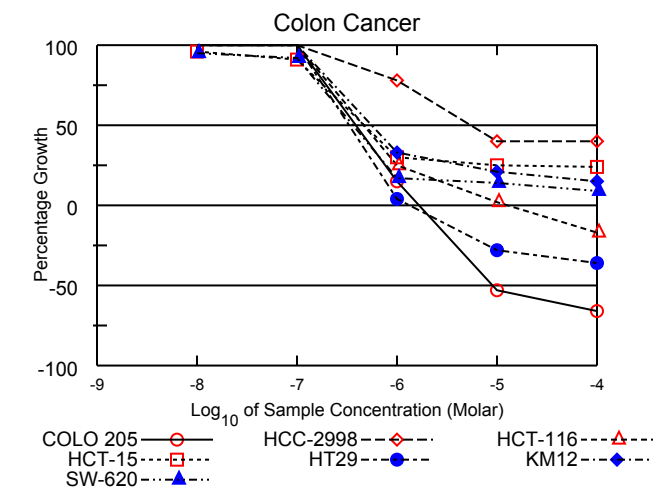
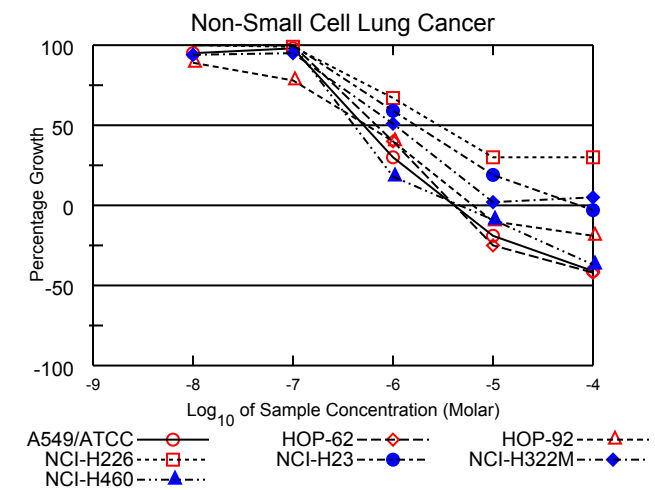
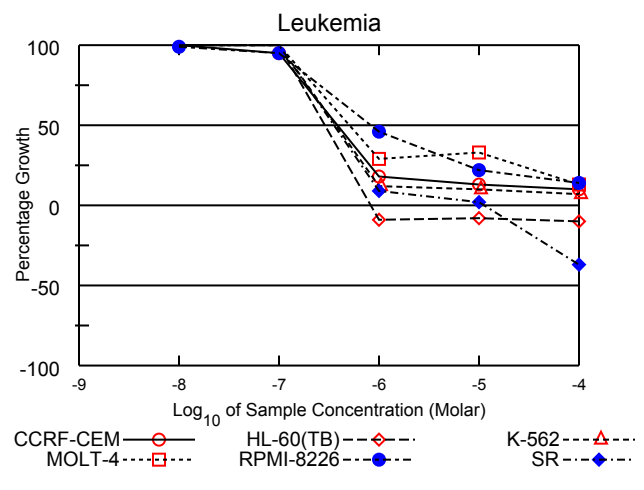
Report Date:September 05, 2012

Test Date:July 16, 2012

All Cell Lines



S765699



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 765699 / 1	Experiment ID : 1207NS08	Test Type : 08	Units : Molar
Report Date : September 05, 2012	Test Date : July 16, 2012	QNS :	MC :
COMI : A2331/0098347 (118395)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50
	Time Zero	Mean Optical Densities						Percent Growth							
		Ctrl	-8.0	-7.0	-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0			
Leukemia															
CCRF-CEM	0.627	2.704	2.699	2.597	1.010	0.900	0.843	100	95	18	13	10	3.86E-7	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.895	2.554	2.782	2.628	0.812	0.826	0.803	114	104	-9	-8	-10	3.01E-7	8.29E-7	> 1.00E-4
K-562	0.240	1.857	1.957	1.907	0.437	0.406	0.352	106	103	12	10	7	3.84E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.664	2.180	2.297	2.428	1.098	1.157	0.855	108	116	29	33	13	5.70E-7	> 1.00E-4	> 1.00E-4
RPMI-8226	1.272	2.981	2.965	2.900	2.053	1.640	1.514	99	95	46	22	14	8.19E-7	> 1.00E-4	> 1.00E-4
SR	0.221	0.602	0.619	0.614	0.254	0.231	0.139	104	103	9	2	-37	3.65E-7	1.16E-5	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.400	1.687	1.629	1.656	0.791	0.324	0.238	95	98	30	-19	-41	5.10E-7	4.12E-6	> 1.00E-4
HOP-62	0.410	1.370	1.376	1.405	0.794	0.309	0.238	101	104	40	-25	-42	6.96E-7	4.15E-6	> 1.00E-4
HOP-92	1.410	1.921	1.863	1.807	1.615	1.271	1.144	89	78	40	-10	-19	5.45E-7	6.34E-6	> 1.00E-4
NCI-H226	0.904	2.485	2.484	2.476	1.958	1.385	1.375	100	99	67	30	30	2.88E-6	> 1.00E-4	> 1.00E-4
NCI-H23	0.821	2.305	2.313	2.342	1.690	1.102	0.800	101	102	59	19	-3	1.64E-6	7.56E-5	> 1.00E-4
NCI-H322M	0.815	1.739	1.685	1.695	1.283	0.831	0.862	94	95	51	2	5	1.03E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.264	2.607	2.658	2.629	0.691	0.239	0.168	102	101	18	-9	-37	4.13E-7	4.55E-6	> 1.00E-4
Colon Cancer															
COLO 205	0.380	1.781	1.808	1.848	0.597	0.178	0.128	102	105	15	-53	-66	4.11E-7	1.68E-6	8.96E-6
HCC-2998	1.199	3.274	3.281	3.343	2.820	2.027	2.022	100	103	78	40	40	5.44E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.187	2.036	2.210	2.281	0.646	0.220	0.156	109	113	25	2	-17	5.19E-7	1.25E-5	> 1.00E-4
HCT-15	0.160	2.091	2.016	1.921	0.735	0.642	0.614	96	91	30	25	24	4.69E-7	> 1.00E-4	> 1.00E-4
HT29	0.303	1.396	1.420	1.456	0.342	0.218	0.193	102	105	4	-28	-36	3.50E-7	1.29E-6	> 1.00E-4
KM12	0.409	1.911	1.915	1.943	0.900	0.724	0.639	100	102	33	21	15	5.63E-7	> 1.00E-4	> 1.00E-4
SW-620	0.247	1.900	1.822	1.765	0.524	0.472	0.404	95	92	17	14	9	3.61E-7	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.562	1.863	1.828	1.847	1.217	0.742	0.585	97	99	50	14	2	1.02E-6	> 1.00E-4	> 1.00E-4
SF-539	0.493	2.437	2.426	2.320	1.121	0.310	0.123	99	94	32	-37	-75	5.16E-7	2.91E-6	2.17E-5
SNB-19	0.824	2.297	2.104	2.048	1.409	0.998	0.752	87	83	40	12	-9	5.79E-7	3.74E-5	> 1.00E-4
SNB-75	1.227	2.310	2.001	2.064	1.379	0.983	0.942	72	77	14	-20	-23	2.70E-7	2.59E-6	> 1.00E-4
U251	0.496	2.018	1.931	1.937	0.844	0.315	0.142	94	95	23	-37	-71	4.18E-7	2.42E-6	2.43E-5
Melanoma															
LOX IMVI	0.715	3.165	3.141	3.161	1.922	1.630	1.522	99	100	49	37	33	9.67E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.563	1.155	1.170	1.158	0.738	0.496	0.492	102	100	29	-12	-13	5.13E-7	5.14E-6	> 1.00E-4
M14	0.445	1.884	1.873	1.917	0.709	0.601	0.620	99	102	18	11	12	4.20E-7	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.376	1.727	1.620	1.506	0.286	0.192	0.180	92	84	-24	-49	-52	2.05E-7	5.99E-7	1.96E-5
SK-MEL-2	1.033	1.756	1.714	1.845	0.967	0.488	0.384	94	112	-6	-53	-63	3.35E-7	8.83E-7	8.72E-6
SK-MEL-28	0.539	1.488	1.491	1.408	0.912	0.740	0.749	100	92	39	21	22	6.24E-7	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.676	3.014	3.031	3.084	1.146	0.555	0.675	101	103	20	-18	.	4.36E-7	3.38E-6	> 1.00E-4
UACC-257	0.900	2.243	2.170	2.126	1.646	1.457	1.444	95	91	56	41	40	2.47E-6	> 1.00E-4	> 1.00E-4
UACC-62	1.049	2.881	2.854	2.754	1.737	1.156	1.133	99	93	38	6	5	5.97E-7	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.638	2.213	2.223	2.251	1.310	0.717	0.740	101	102	43	5	6	7.53E-7	> 1.00E-4	> 1.00E-4
OVCAR-3	0.485	1.606	1.637	1.663	0.588	0.173	0.200	103	105	9	-64	-59	3.76E-7	1.33E-6	6.38E-6
OVCAR-4	0.769	1.672	1.604	1.554	1.221	0.525	0.812	92	87	50	-32	5	1.00E-6	.	> 1.00E-4
OVCAR-5	0.434	1.469	1.432	1.375	1.215	0.910	0.837	96	91	75	46	39	7.29E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.417	1.664	1.707	1.662	1.021	0.525	0.307	103	100	48	9	-26	9.33E-7	1.77E-5	> 1.00E-4
NCI-ADR-RES	0.748	2.381	2.444	2.468	1.211	0.950	0.786	104	105	28	12	2	5.23E-7	> 1.00E-4	> 1.00E-4
SK-OV-3	0.592	1.379	1.359	1.375	0.936	0.410	0.309	97	99	44	-31	-48	7.70E-7	3.86E-6	> 1.00E-4
Renal Cancer															
786-0	0.838	2.948	3.019	2.984	2.064	1.108	0.921	103	102	58	13	4	1.51E-6	> 1.00E-4	> 1.00E-4
A498	1.396	2.049	1.953	1.877	1.461	1.152	1.090	85	74	10	-17	-22	2.35E-7	2.30E-6	> 1.00E-4
ACHN	0.259	1.756	1.765	1.718	0.977	0.612	0.439	101	97	48	24	12	9.09E-7	> 1.00E-4	> 1.00E-4
CAKI-1	1.099	2.978	2.825	2.714	1.774	1.355	1.210	92	86	36	14	6	5.23E-7	> 1.00E-4	> 1.00E-4
RXF 393	0.885	1.313	1.309	1.308	0.869	0.350	0.290	99	99	-2	-61	-67	3.05E-7	9.59E-7	6.62E-6
SN12C	0.958	2.935	2.753	2.741	1.870	1.668	1.458	91	90	46	36	25	8.16E-7	> 1.00E-4	> 1.00E-4
TK-10	0.779	1.314	1.305	1.329	1.113	0.594	0.497	98	103	62	-24	-36	1.39E-6	5.30E-6	> 1.00E-4
UO-31	0.680	2.146	2.054	2.030	1.479	1.012	0.963	94	92	55	23	19	1.38E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.518	2.226	2.224	2.174	1.329	0.710	0.771	100	97	47	11	15	8.89E-7	> 1.00E-4	> 1.00E-4
DU-145	0.389	1.488	1.562	1.610	1.061	0.395	0.419	107	111	61	1	3	1.53E-6	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.424	2.389	2.183	2.185	0.798	0.689	0.579	90	90	19	13	8	3.64E-7	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.677	1.372	1.380	1.379	0.982	0.679	0.548	101	101	44	.	-19	7.82E-7	1.03E-5	> 1.00E-4
HS 578T	0.912	1.916	1.833	1.803	1.202	0.861	0.752	92	89	29	-6	-18	4.44E-7	6.86E-6	> 1.00E-4
BT-549	0.746	2.044	2.034	2.088	1.546	1.175	1.106	99	103	62	33	28	2.55E-6	> 1.00E-4	> 1.00E-4
T-47D	0.684	1.736	1.719	1.715	1.128	0.814	0.677	98	98	42	12	-1	7.26E-7	8.29E-5	> 1.00E-4
MDA-MB-468	0.767	1.666	1.607	1.598	0.723	0.477	0.365	93	92	-6	-38	-52	2.70E-7	8.73E-7	6.84E-5

Mean Graphs

Report Date :September 05, 2012

Test Date :July 16, 2012

