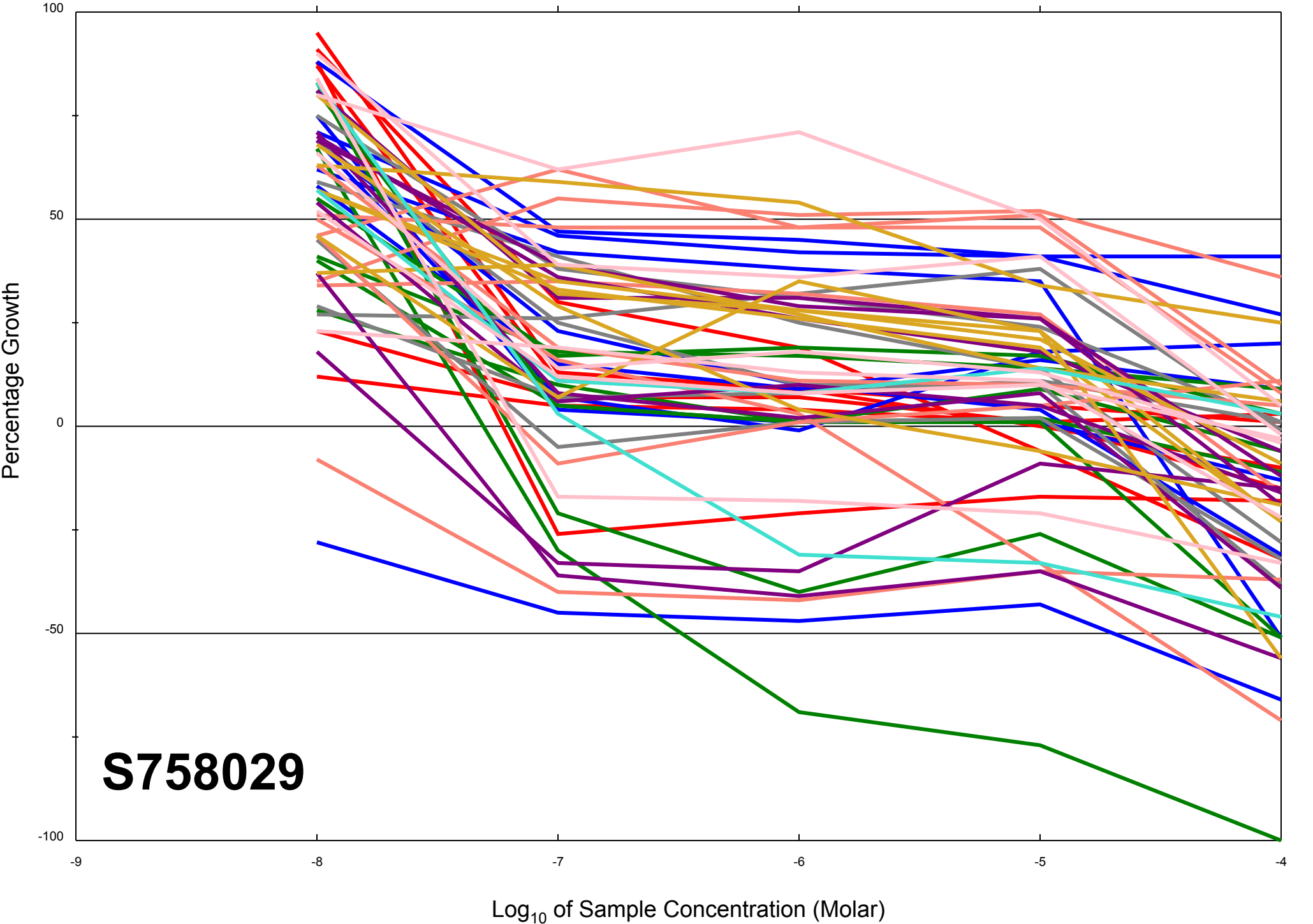


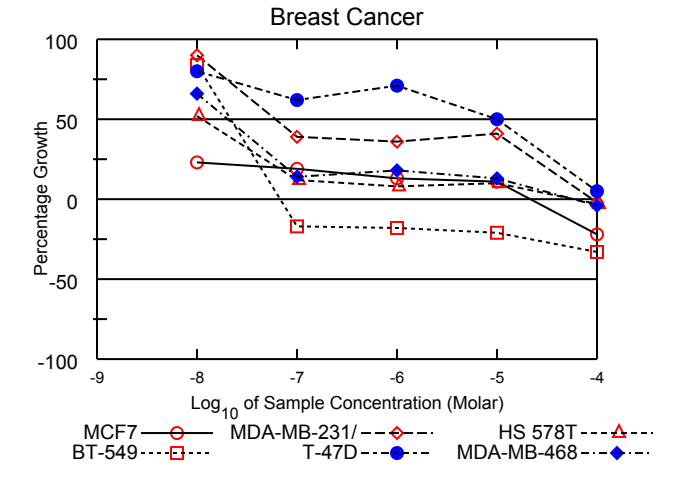
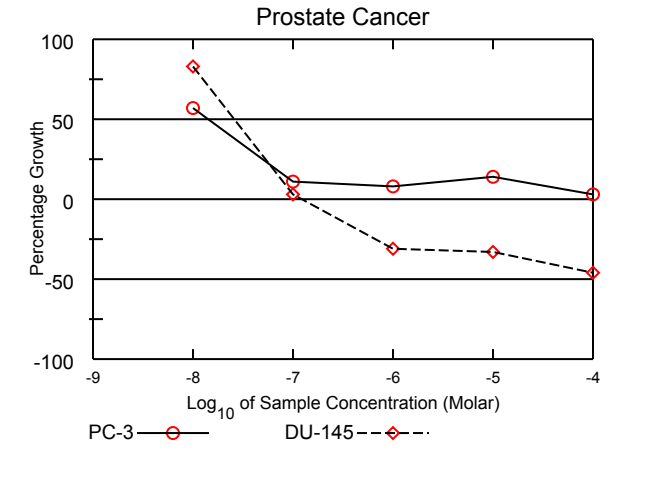
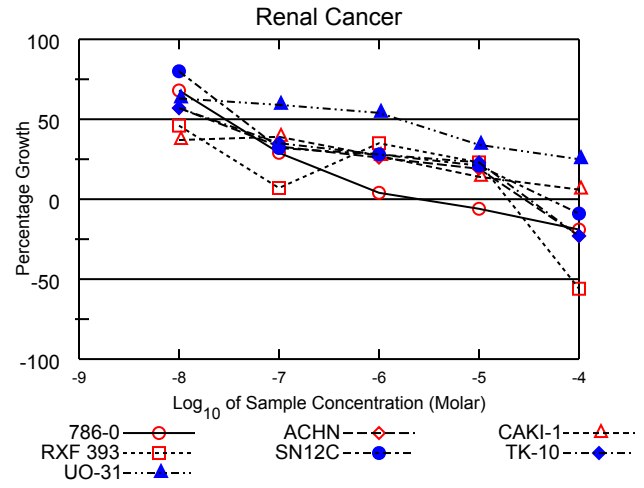
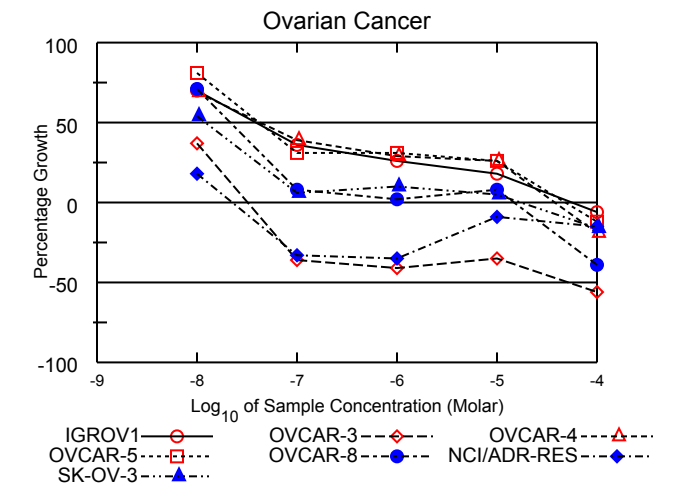
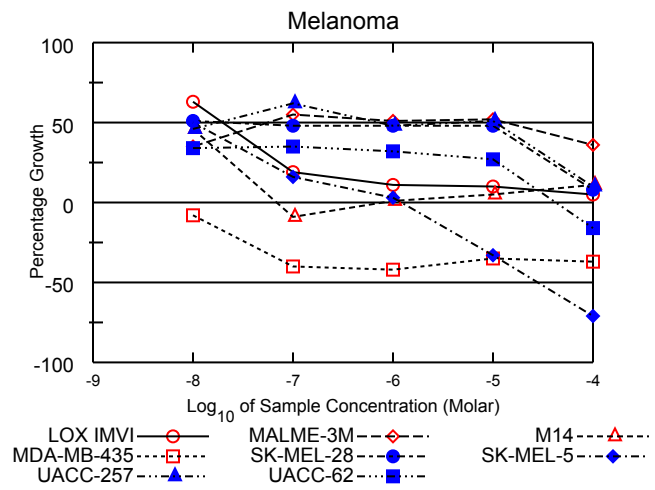
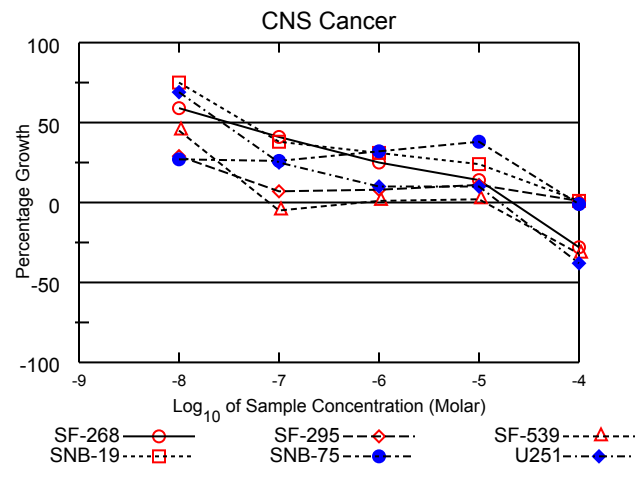
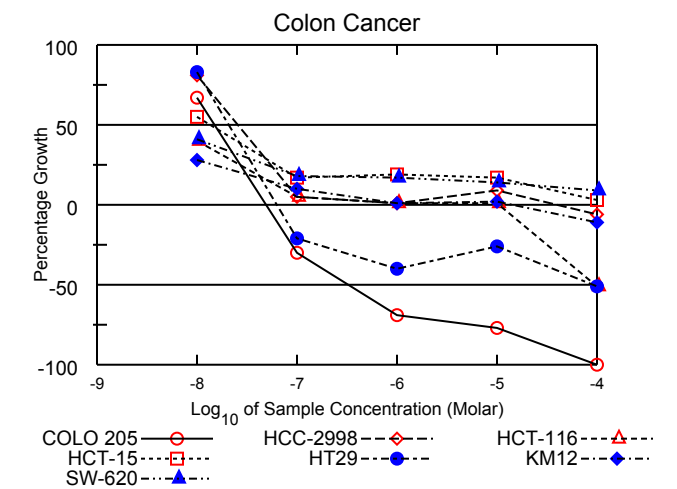
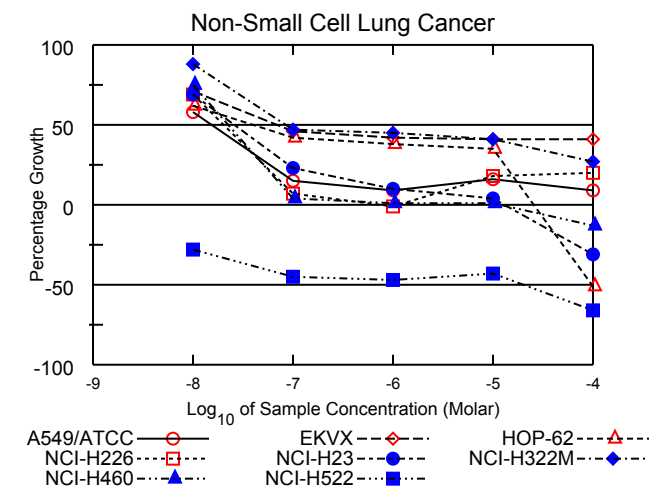
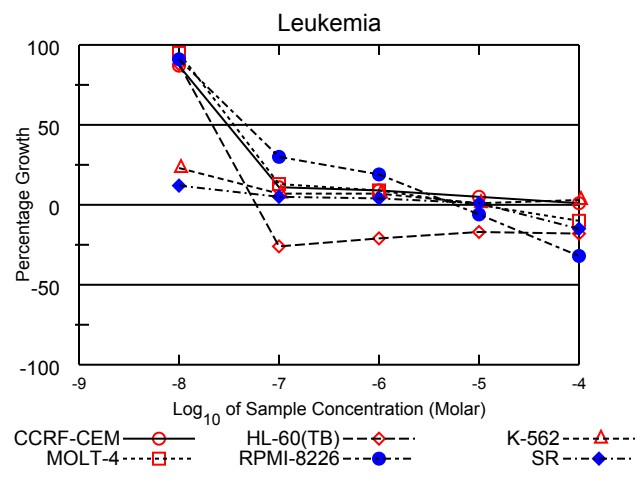
Dose Response Curves

Report Date:December 06, 2011

Test Date:August 29, 2011

All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758029 / 1	Experiment ID : 1108RS14	Test Type : 08	Units : Molar
Report Date : December 06, 2011	Test Date : August 29, 2011	QNS :	MC :
COMI : NMR/19307800 (104811)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50
	Time Zero	Ctrl	-8.0	-7.0	-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0			
Leukemia															
CCRF-CEM	0.553	1.921	1.748	0.698	0.678	0.616	0.574	87	11	9	5	1	3.07E-8	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.793	2.454	2.256	0.585	0.624	0.661	0.649	88	-26	-21	-17	-18	2.15E-8	5.89E-8	> 1.00E-4
K-562	0.213	1.498	0.503	0.307	0.299	0.231	0.251	23	7	7	1	3	< 1.00E-8	> 1.00E-4	> 1.00E-4
MOLT-4	0.528	1.763	1.700	0.692	0.634	0.527	0.474	95	13	9	.	-10	3.55E-8	9.29E-6	> 1.00E-4
RPMI-8226	0.970	2.150	2.047	1.327	1.197	0.916	0.662	91	30	19	-6	-32	4.74E-8	5.96E-6	> 1.00E-4
SR	0.302	1.166	0.406	0.348	0.338	0.313	0.256	12	5	4	1	-15	< 1.00E-8	1.19E-5	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.320	1.417	0.958	0.481	0.420	0.501	0.422	58	15	9	16	9	1.54E-8	> 1.00E-4	> 1.00E-4
EKVX	0.621	1.495	1.239	1.024	0.987	0.978	0.977	71	46	42	41	41	6.93E-8	> 1.00E-4	> 1.00E-4
HOP-62	0.390	1.053	0.800	0.670	0.645	0.622	0.192	62	42	38	35	-51	3.97E-8	2.56E-5	9.80E-5
NCI-H226	0.775	1.906	1.552	0.850	0.771	0.981	1.006	69	7	-1	18	20	2.00E-8	.	> 1.00E-4
NCI-H23	0.531	1.375	1.115	0.727	0.612	0.567	0.369	69	23	10	4	-31	2.61E-8	1.32E-5	> 1.00E-4
NCI-H322M	0.695	1.660	1.547	1.144	1.127	1.093	0.959	88	47	45	41	27	8.25E-8	> 1.00E-4	> 1.00E-4
NCI-H460	0.228	1.947	1.515	0.305	0.241	0.241	0.200	75	4	1	1	-13	2.26E-8	1.14E-5	> 1.00E-4
NCI-H522	0.816	1.392	0.592	0.448	0.433	0.463	0.280	-28	-45	-47	-43	-66	< 1.00E-8	< 1.00E-8	1.99E-5
Colon Cancer															
COLO 205	0.277	1.170	0.879	0.194	0.086	0.065	-0.026	67	-30	-69	-77	-100	1.51E-8	4.93E-8	3.27E-7
HCC-2998	0.476	1.432	1.251	0.522	0.485	0.558	0.447	81	5	1	9	-6	2.55E-8	3.83E-5	> 1.00E-4
HCT-116	0.167	1.207	0.579	0.217	0.173	0.173	0.082	40	5	1	1	-51	< 1.00E-8	1.03E-5	9.48E-5
HCT-15	0.319	1.507	0.969	0.519	0.550	0.520	0.358	55	17	19	17	3	1.33E-8	> 1.00E-4	> 1.00E-4
HT29	0.171	0.755	0.654	0.135	0.103	0.126	0.084	83	-21	-40	-26	-51	2.06E-8	6.23E-8	9.21E-5
KM12	0.380	2.049	0.854	0.542	0.389	0.408	0.337	28	10	1	2	-11	< 1.00E-8	1.34E-5	> 1.00E-4
SW-620	0.207	1.401	0.701	0.417	0.410	0.372	0.316	41	18	17	14	9	< 1.00E-8	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.378	1.380	0.971	0.793	0.627	0.522	0.274	59	41	25	14	-28	3.28E-8	2.20E-5	> 1.00E-4
SF-295	0.643	2.204	1.092	0.760	0.775	0.815	0.655	29	7	8	11	1	< 1.00E-8	> 1.00E-4	> 1.00E-4
SF-539	0.631	1.693	1.112	0.602	0.638	0.650	0.428	45	-5	1	2	-32	< 1.00E-8	.	> 1.00E-4
SNB-19	0.538	1.794	1.482	1.010	0.925	0.844	0.552	75	38	31	24	1	4.66E-8	> 1.00E-4	> 1.00E-4
SNB-75	0.946	1.870	1.200	1.190	1.246	1.297	0.937	27	26	32	38	-1	< 1.00E-8	9.42E-5	> 1.00E-4
U251	0.421	1.712	1.317	0.739	0.547	0.547	0.259	69	25	10	10	-38	2.71E-8	1.59E-5	> 1.00E-4
Melanoma															
LOX IMVI	0.334	1.842	1.285	0.621	0.501	0.479	0.415	63	19	11	10	5	1.98E-8	> 1.00E-4	> 1.00E-4
MALME-3M	0.504	1.163	0.735	0.869	0.840	0.844	0.741	35	55	51	52	36	.	> 1.00E-4	> 1.00E-4
M14	0.359	1.121	0.713	0.328	0.366	0.401	0.446	46	-9	1	5	11	< 1.00E-8	.	> 1.00E-4
MDA-MB-435	0.454	1.771	0.417	0.271	0.263	0.294	0.286	-8	-40	-42	-35	-37	< 1.00E-8	< 1.00E-8	> 1.00E-4
SK-MEL-28	0.508	1.408	0.964	0.936	0.944	0.939	0.584	51	48	48	48	8	1.60E-8	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.474	2.649	1.561	0.831	0.536	0.318	0.139	50	16	3	-33	-71	< 1.00E-8	1.20E-6	2.82E-5
UACC-257	0.806	1.666	1.203	1.337	1.216	1.246	0.896	46	62	48	51	10	.	> 1.00E-4	> 1.00E-4
UACC-62	0.730	2.361	1.292	1.298	1.253	1.171	0.614	34	35	32	27	-16	< 1.00E-8	4.25E-5	> 1.00E-4
Ovarian Cancer															
IGROV1	0.490	1.733	1.365	0.932	0.818	0.717	0.462	70	36	26	18	-6	3.85E-8	5.78E-5	> 1.00E-4
OVCAR-3	0.439	1.466	0.815	0.280	0.257	0.285	0.193	37	-36	-41	-35	-56	< 1.00E-8	3.18E-8	5.09E-5
OVCAR-4	0.554	1.325	1.083	0.857	0.776	0.756	0.451	69	39	29	26	-19	4.29E-8	3.83E-5	> 1.00E-4
OVCAR-5	0.497	1.337	1.177	0.759	0.762	0.714	0.440	81	31	31	26	-12	4.18E-8	4.90E-5	> 1.00E-4
OVCAR-8	0.321	1.256	0.985	0.399	0.344	0.392	0.196	71	8	2	8	-39	2.16E-8	1.45E-5	> 1.00E-4
NCI/ADR-RES	0.478	1.535	0.673	0.318	0.313	0.436	0.406	18	-33	-35	-9	-15	< 1.00E-8	2.26E-8	> 1.00E-4
SK-OV-3	0.444	1.210	0.856	0.492	0.517	0.484	0.372	54	6	10	5	-16	1.20E-8	1.74E-5	> 1.00E-4
Renal Cancer															
786-0	0.626	2.069	1.601	1.050	0.679	0.586	0.504	68	29	4	-6	-19	2.88E-8	2.30E-6	> 1.00E-4
ACHN	0.380	1.328	0.922	0.696	0.628	0.557	0.294	57	33	26	19	-23	2.00E-8	2.82E-5	> 1.00E-4
CAKI-1	0.601	1.852	1.059	1.095	0.938	0.777	0.681	37	39	27	14	6	< 1.00E-8	> 1.00E-4	> 1.00E-4
RXF 393	0.635	1.230	0.907	0.676	0.845	0.774	0.283	46	7	35	23	-56	< 1.00E-8	1.98E-5	8.51E-5
SN12C	0.497	1.973	1.684	0.972	0.906	0.801	0.451	80	32	28	21	-9	4.26E-8	4.87E-5	> 1.00E-4
TK-10	0.557	1.059	0.841	0.733	0.695	0.675	0.429	57	35	28	23	-23	2.02E-8	3.19E-5	> 1.00E-4
UO-31	0.604	1.638	1.255	1.218	1.158	0.955	0.865	63	59	54	34	25	1.52E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.452	1.420	1.003	0.555	0.531	0.584	0.485	57	11	8	14	3	1.41E-8	> 1.00E-4	> 1.00E-4
DU-145	0.242	1.010	0.882	0.263	0.167	0.162	0.131	83	3	-31	-33	-46	2.59E-8	1.20E-7	> 1.00E-4
Breast Cancer															
MCF7	0.357	2.039	0.743	0.684	0.577	0.535	0.278	23	19	13	11	-22	< 1.00E-8	2.10E-5	> 1.00E-4
MDA-MB-231/ATCC	0.618	1.687	1.579	1.031	1.006	1.057	0.606	90	39	36	41	-2	6.00E-8	9.01E-5	> 1.00E-4
HS 578T	0.775	1.506	1.152	0.860	0.833	0.850	0.750	50	12	8	10	-3	1.09E-8	5.76E-5	> 1.00E-4
BT-549	0.850	1.653	1.522	0.702	0.696	0.673	0.570	84	-17	-18	-21	-33	2.15E-8	6.73E-8	> 1.00E-4
T-47D	0.377	0.817	0.727	0.651	0.691	0.597	0.397	80	62	71	50	5	9.91E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.571	1.166	0.966	0.653	0.680	0.650	0.547	66	14	18	13	-4	2.05E-8	5.73E-5	> 1.00E-4

Mean Graphs

Report Date :December 06, 2011

Test Date :August 29, 2011

