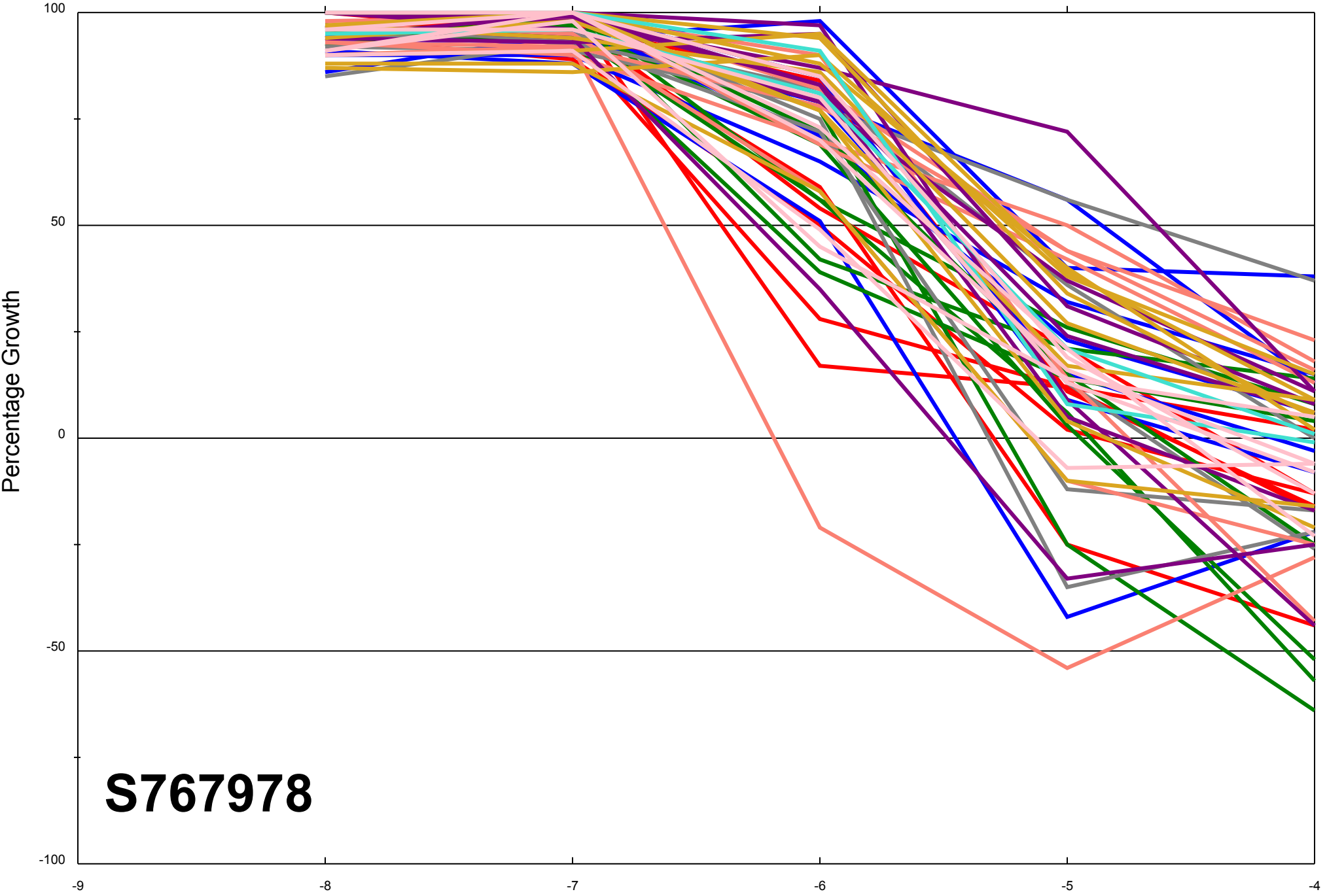


Dose Response Curves

Report Date:November 13, 2013

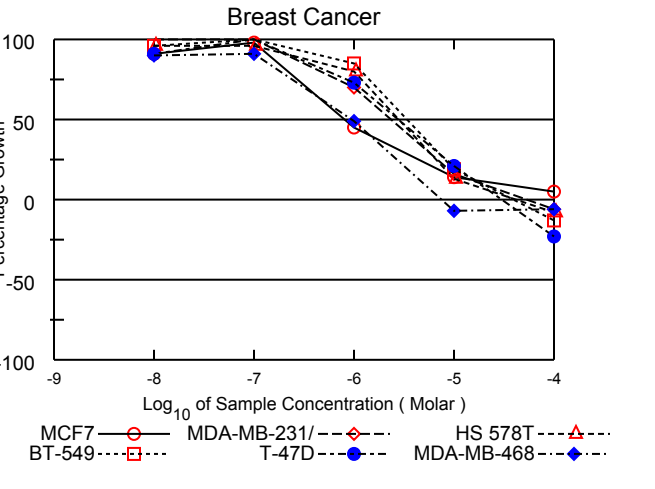
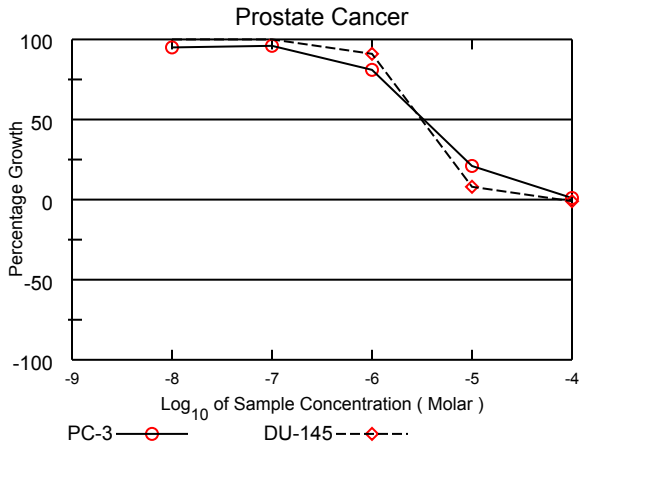
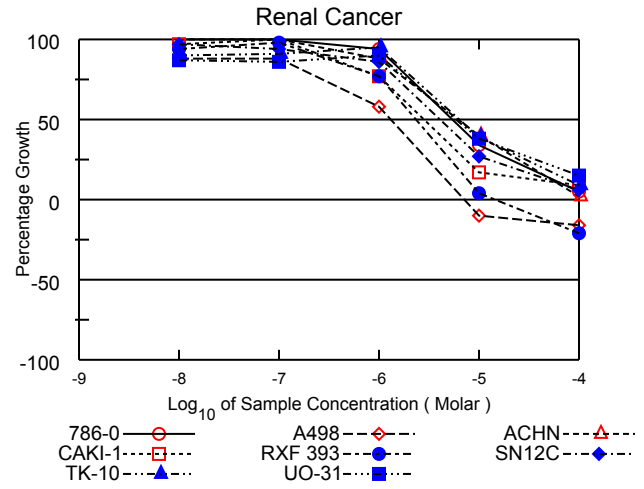
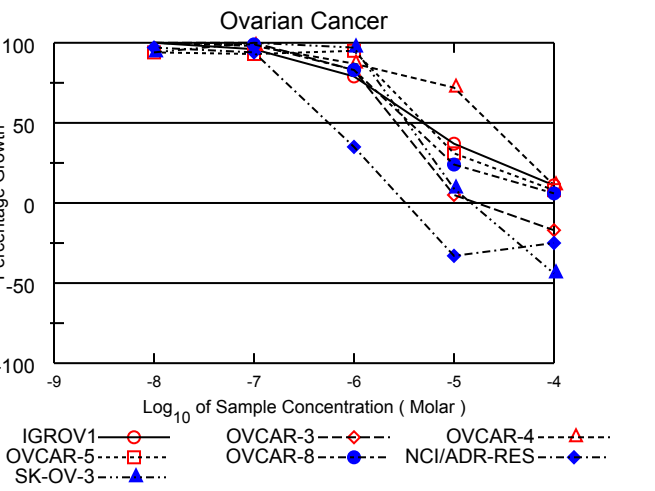
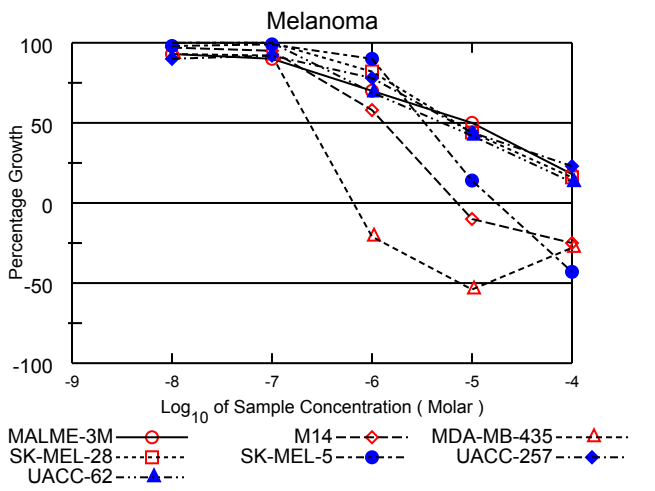
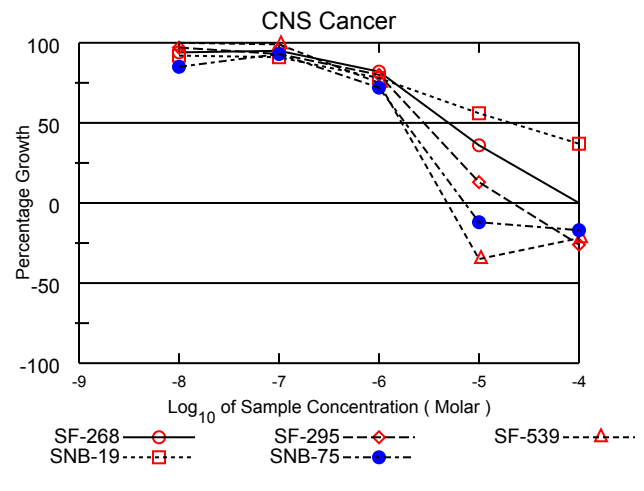
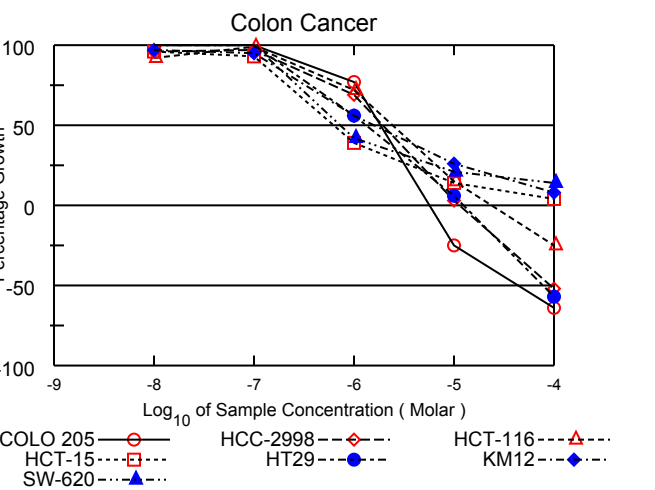
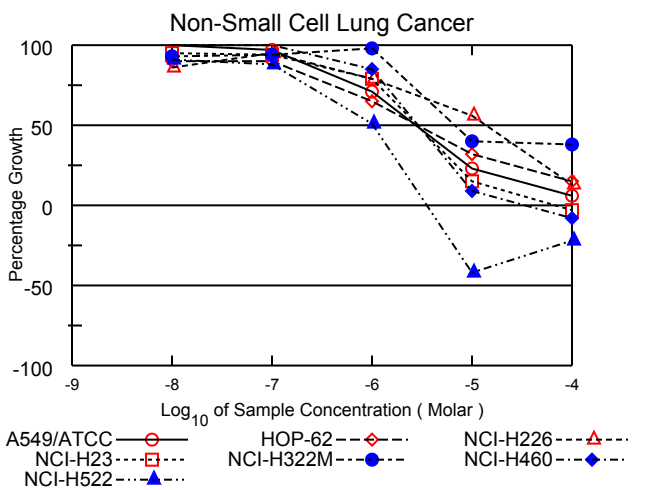
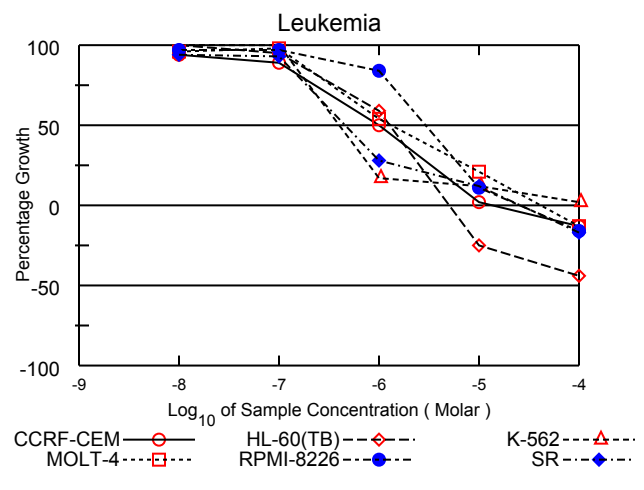
Test Date:March 11, 2013

All Cell Lines



S767978

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 767978 / 1	Experiment ID : 1303NS37	Test Type : 08	Units : Molar
Report Date : November 13, 2013	Test Date : March 11, 2013	QNS :	MC :
COMI : NMR/22257840 (122181)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50
	Time		Mean Optical Densities						Percent Growth						
	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	0.402	1.571	1.507	1.448	0.992	0.421	0.350	94	89	50	2	-13	1.02E-6	1.28E-5	> 1.00E-4
HL-60(TB)	1.031	3.154	3.151	3.057	2.294	0.774	0.575	100	95	59	-25	-44	1.29E-6	5.06E-6	> 1.00E-4
K-562	0.366	2.434	2.536	2.441	0.724	0.608	0.413	105	100	17	12	2	4.04E-7	> 1.00E-4	> 1.00E-4
MOLT-4	1.017	2.854	2.788	2.816	2.001	1.402	0.883	96	98	54	21	-13	1.28E-6	4.11E-5	> 1.00E-4
RPMI-8226	1.220	3.083	3.021	3.023	2.785	1.418	1.023	97	97	84	11	-16	2.91E-6	2.49E-5	> 1.00E-4
SR	0.675	2.608	2.501	2.467	1.211	0.914	0.559	94	93	28	12	-17	4.54E-7	2.62E-5	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.376	1.927	1.935	1.878	1.475	0.735	0.465	100	97	71	23	6	2.73E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.394	1.128	1.058	1.057	0.871	0.629	0.504	90	90	65	32	15	2.85E-6	> 1.00E-4	> 1.00E-4
NCI-H226	1.075	2.652	2.438	2.571	2.325	1.956	1.282	86	95	79	56	13	1.37E-5	> 1.00E-4	> 1.00E-4
NCI-H23	0.853	2.155	2.093	2.077	1.876	1.052	0.828	95	94	79	15	-3	2.82E-6	6.90E-5	> 1.00E-4
NCI-H322M	0.800	1.759	1.692	1.699	1.742	1.180	1.168	93	94	98	40	38	6.66E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.220	2.135	2.178	2.245	1.841	0.391	0.203	102	106	85	9	-8	2.87E-6	3.37E-5	> 1.00E-4
NCI-H522	1.032	2.232	2.121	2.091	1.643	0.604	0.803	91	88	51	-42	-22	1.02E-6	3.55E-6	> 1.00E-4
Colon Cancer															
COLO 205	0.616	2.275	2.272	2.369	1.897	0.463	0.223	100	106	77	-25	-64	1.85E-6	5.70E-6	4.42E-5
HCC-2998	1.089	2.704	2.642	2.662	2.206	1.143	0.523	96	97	69	3	-52	1.96E-6	1.15E-5	9.21E-5
HCT-116	0.235	1.676	1.559	1.662	1.279	0.444	0.177	92	92	72	15	-25	2.44E-6	2.33E-5	> 1.00E-4
HCT-15	0.325	2.044	1.968	1.916	0.993	0.569	0.396	96	93	39	14	4	6.20E-7	> 1.00E-4	> 1.00E-4
HT29	0.259	1.497	1.539	1.585	0.955	0.338	0.113	103	107	56	6	-57	1.33E-6	1.26E-5	7.86E-5
KM12	0.498	2.137	2.088	2.050	1.413	0.932	0.627	97	95	56	26	8	1.58E-6	> 1.00E-4	> 1.00E-4
SW-620	0.357	2.240	2.252	2.239	1.147	0.762	0.620	101	100	42	21	14	7.26E-7	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.551	1.693	1.628	1.636	1.486	0.965	0.549	94	95	82	36	.	5.00E-6	9.77E-5	> 1.00E-4
SF-295	1.121	3.041	2.978	2.909	2.657	1.370	0.835	97	93	80	13	-26	2.80E-6	2.17E-5	> 1.00E-4
SF-539	0.846	2.327	2.322	2.310	1.962	0.547	0.657	100	99	75	-35	-22	1.69E-6	4.79E-6	> 1.00E-4
SNB-19	1.249	2.375	2.281	2.272	2.125	1.875	1.671	92	91	78	56	37	2.04E-5	> 1.00E-4	> 1.00E-4
SNB-75	0.760	1.538	1.424	1.484	1.317	0.670	0.634	85	93	72	-12	-17	1.81E-6	7.21E-6	> 1.00E-4
Melanoma															
MALME-3M	0.807	1.624	1.570	1.545	1.379	1.213	0.953	93	90	70	50	18	9.66E-6	> 1.00E-4	> 1.00E-4
M14	0.449	1.488	1.454	1.441	1.049	0.402	0.337	97	95	58	-10	-25	1.30E-6	7.02E-6	> 1.00E-4
MDA-MB-435	0.563	2.111	2.008	1.992	0.447	0.261	0.406	93	92	-21	-54	-28	2.37E-7	6.56E-7	.
SK-MEL-28	0.493	1.513	1.533	1.540	1.330	0.937	0.655	102	103	82	44	16	6.79E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	1.002	3.361	3.324	3.334	3.133	1.326	0.568	98	99	90	14	-43	3.36E-6	1.74E-5	> 1.00E-4
UACC-257	0.860	1.856	1.760	1.776	1.638	1.299	1.094	90	92	78	44	23	6.68E-6	> 1.00E-4	> 1.00E-4
UACC-62	0.834	2.482	2.520	2.514	1.972	1.529	1.043	102	102	69	42	13	5.10E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.563	1.688	1.741	1.638	1.455	0.975	0.685	105	96	79	37	11	4.86E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.478	1.344	1.365	1.397	1.196	0.519	0.398	102	106	83	5	-17	2.63E-6	1.66E-5	> 1.00E-4
OVCAR-4	0.716	1.313	1.315	1.302	1.237	1.143	0.783	100	98	87	72	11	2.28E-5	> 1.00E-4	> 1.00E-4
OVCAR-5	0.545	1.364	1.315	1.307	1.326	0.795	0.612	94	93	95	31	8	5.01E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.550	2.054	2.050	2.045	1.805	0.905	0.633	100	99	83	24	6	3.62E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.625	1.847	1.808	1.776	1.057	0.417	0.467	97	94	35	-33	-25	5.63E-7	3.27E-6	> 1.00E-4
SK-OV-3	0.579	1.162	1.129	1.171	1.143	0.631	0.324	94	102	97	9	-44	3.41E-6	1.47E-5	> 1.00E-4
Renal Cancer															
786-0	0.659	2.269	2.262	2.263	2.169	1.213	0.737	100	100	94	34	5	5.46E-6	> 1.00E-4	> 1.00E-4
A498	1.311	1.944	1.869	1.866	1.678	1.177	1.100	88	88	58	-10	-16	1.31E-6	7.08E-6	> 1.00E-4
ACHN	0.374	1.523	1.544	1.533	1.387	0.834	0.398	102	101	88	40	2	6.21E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.823	2.783	2.732	2.774	2.325	1.150	0.996	97	100	77	17	9	2.78E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.796	1.315	1.286	1.307	1.198	0.817	0.633	94	98	77	4	-21	2.36E-6	1.46E-5	> 1.00E-4
SN12C	0.735	2.472	2.416	2.368	2.225	1.211	0.840	97	94	86	27	6	4.10E-6	> 1.00E-4	> 1.00E-4
TK-10	0.846	1.642	1.562	1.567	1.599	1.157	0.919	90	91	95	39	9	6.36E-6	> 1.00E-4	> 1.00E-4
UO-31	0.543	1.700	1.549	1.542	1.583	0.985	0.713	87	86	90	38	15	5.90E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.470	1.317	1.272	1.285	1.160	0.645	0.479	95	96	81	21	1	3.29E-6	> 1.00E-4	> 1.00E-4
DU-145	0.404	1.416	1.430	1.455	1.321	0.488	0.401	101	104	91	8	-1	3.11E-6	8.27E-5	> 1.00E-4
Breast Cancer															
MCF7	0.170	1.091	1.006	1.076	0.582	0.301	0.221	91	98	45	14	5	7.98E-7	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.651	1.395	1.476	1.415	1.171	0.772	0.612	111	103	70	16	-6	2.35E-6	5.35E-5	> 1.00E-4
HS 578T	1.254	2.124	2.092	2.085	1.953	1.365	1.149	96	96	80	13	-8	2.81E-6	4.00E-5	> 1.00E-4
BT-549	0.991	1.913	1.875	1.918	1.776	1.167	0.862	96	101	85	19	-13	3.40E-6	3.92E-5	> 1.00E-4
T-47D	0.577	1.405	1.328	1.407	1.178	0.753	0.443	91	100	73	21	-23	2.75E-6	3.00E-5	> 1.00E-4
MDA-MB-468	0.802	1.626	1.544	1.555	1.209	0.745	0.754	90	91	49	-7	-6	9.66E-7	7.47E-6	> 1.00E-4

Mean Graphs

Report Date :November 13, 2013

Test Date :March 11, 2013

