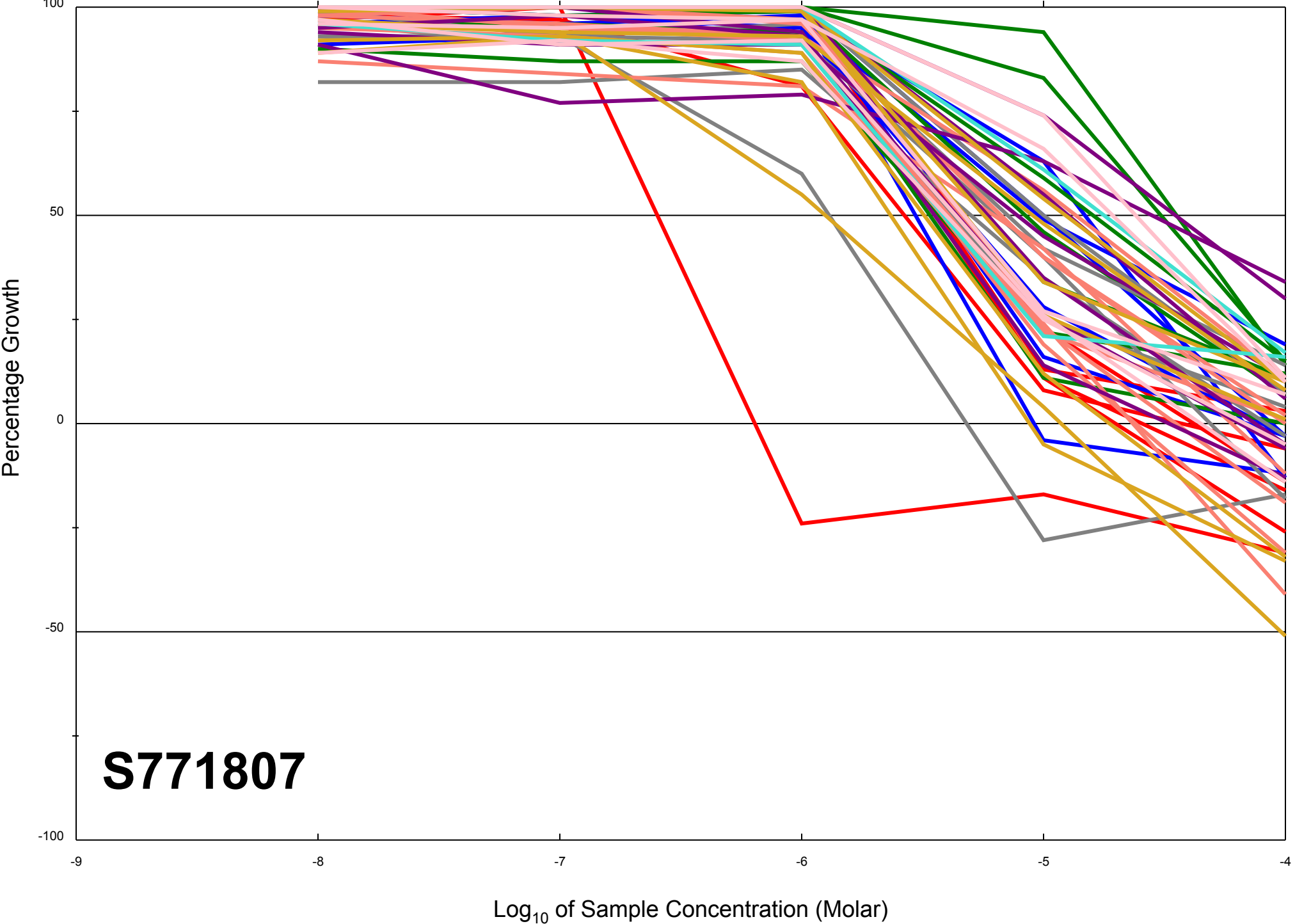


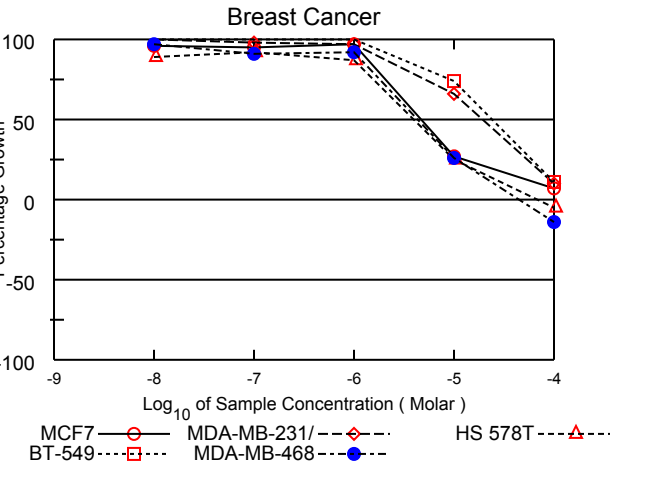
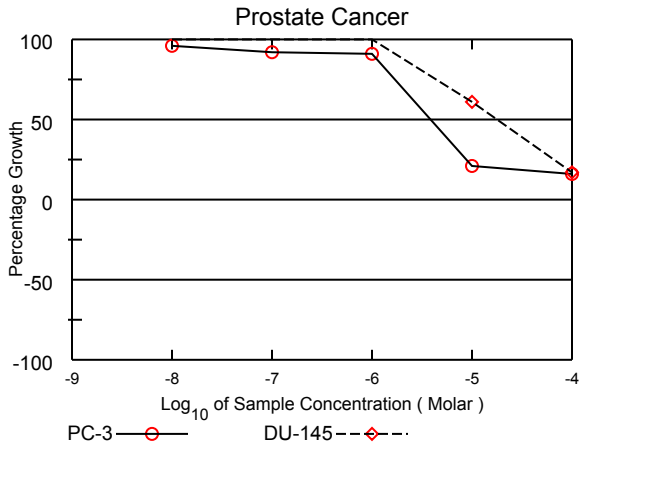
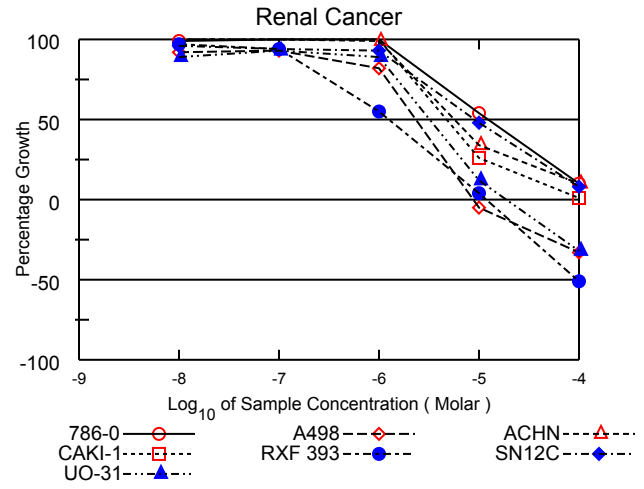
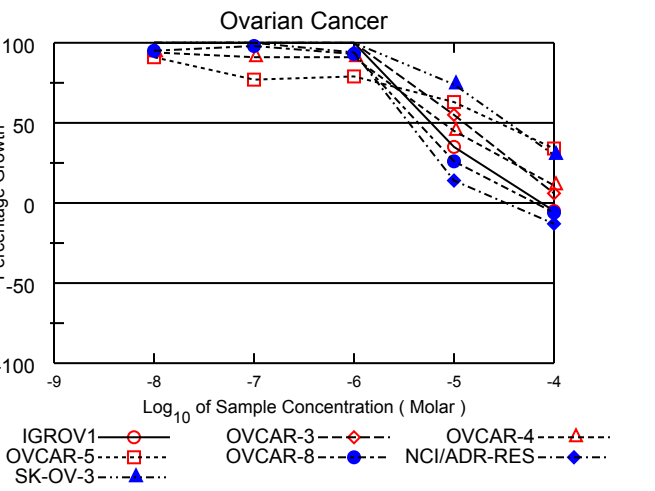
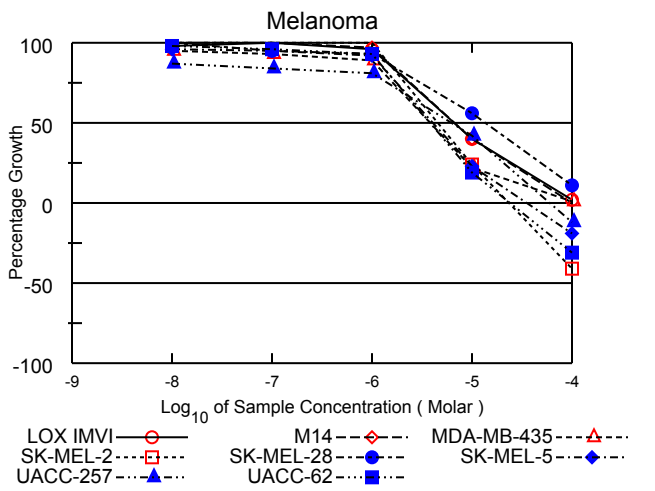
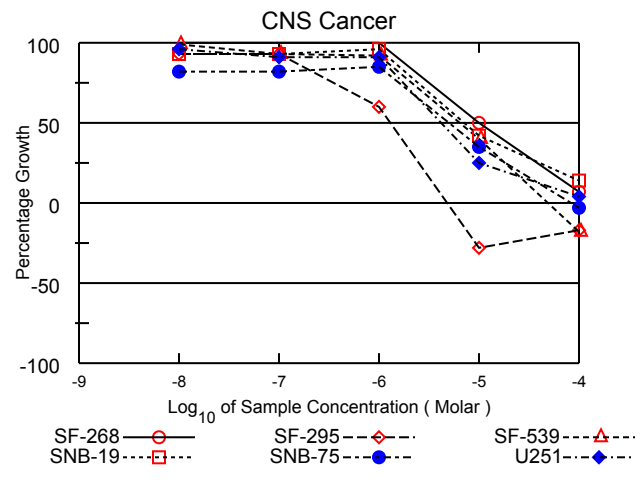
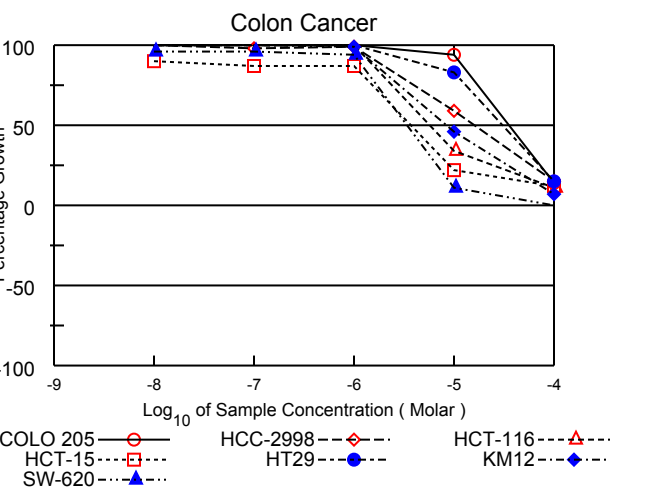
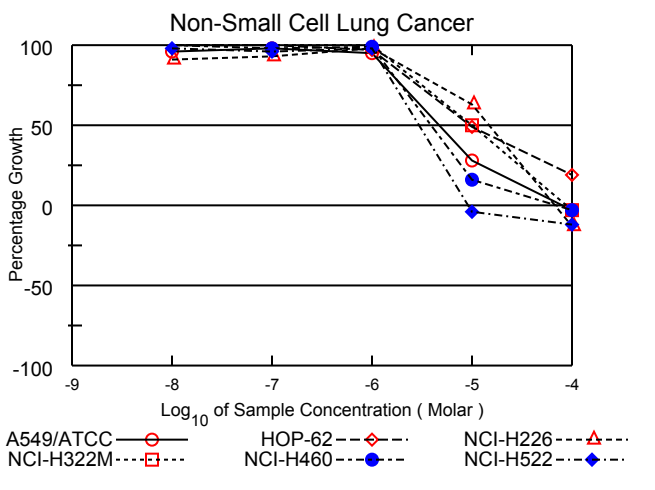
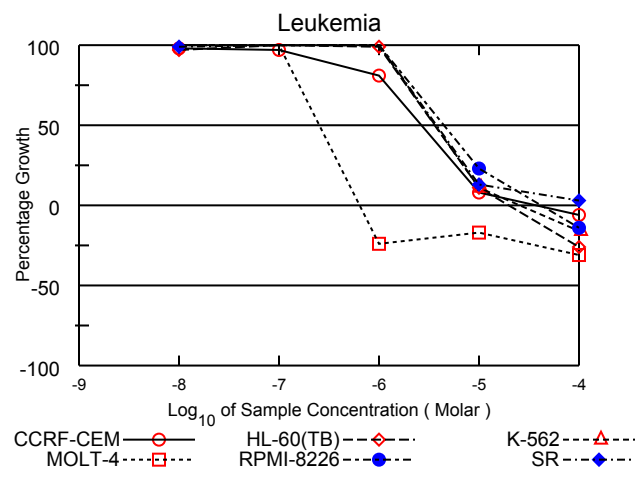
Dose Response Curves

Report Date:November 13, 2013

Test Date:April 08, 2013

All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 771807 / 1	Experiment ID : 1304NS55	Test Type : 08	Units : Molar
Report Date : November 13, 2013	Test Date : April 08, 2013	QNS :	MC :
COMI : A4456/0190450 (124924)	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	0.520	2.797	2.757	2.737	2.363	0.702	0.490	98	97	81	8	-6	2.66E-6	3.81E-5	> 1.00E-4
HL-60(TB)	1.055	2.924	2.863	2.980	2.907	1.254	0.783	97	103	99	11	-26	3.59E-6	1.96E-5	> 1.00E-4
K-562	0.205	1.761	1.822	1.825	1.789	0.379	0.172	104	104	102	11	-16	3.73E-6	2.57E-5	> 1.00E-4
MOLT-4	0.758	2.674	2.778	2.725	0.578	0.631	0.520	105	103	-24	-17	-31	2.61E-7	6.48E-7	> 1.00E-4
RPMI-8226	0.779	2.599	2.699	2.678	2.674	1.189	0.670	105	104	104	23	-14	4.61E-6	4.13E-5	> 1.00E-4
SR	0.524	2.575	2.556	2.689	2.609	0.799	0.584	99	106	102	13	3	3.85E-6	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.519	1.979	1.927	1.955	1.901	0.934	0.505	96	98	95	28	-3	4.72E-6	8.19E-5	> 1.00E-4
HOP-62	0.689	2.092	2.090	2.165	2.046	1.371	0.956	100	105	97	49	19	9.36E-6	> 1.00E-4	> 1.00E-4
NCI-H226	1.253	2.463	2.353	2.379	2.435	2.021	1.087	91	93	98	63	-13	1.50E-5	6.71E-5	> 1.00E-4
NCI-H322M	0.599	1.469	1.477	1.484	1.473	1.033	0.579	101	102	100	50	-3	9.94E-6	8.65E-5	> 1.00E-4
NCI-H460	0.340	2.940	2.956	2.888	2.913	0.765	0.329	101	98	99	16	-3	3.91E-6	6.83E-5	> 1.00E-4
NCI-H522	1.247	2.592	2.564	2.539	2.565	1.198	1.094	98	96	98	-4	-12	2.96E-6	9.14E-6	> 1.00E-4
Colon Cancer															
COLO 205	0.470	1.931	2.037	2.101	2.060	1.850	0.679	107	112	109	94	14	3.58E-5	> 1.00E-4	> 1.00E-4
HCC-2998	0.528	1.723	1.763	1.696	1.711	1.234	0.712	103	98	99	59	15	1.61E-5	> 1.00E-4	> 1.00E-4
HCT-116	0.264	2.395	2.485	2.508	2.424	0.995	0.504	104	105	101	34	11	5.83E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.331	2.350	2.154	2.085	2.089	0.771	0.570	90	87	87	22	12	3.70E-6	> 1.00E-4	> 1.00E-4
HT29	0.260	1.378	1.394	1.440	1.451	1.191	0.425	101	106	106	83	15	3.05E-5	> 1.00E-4	> 1.00E-4
KM12	0.665	3.057	3.089	3.142	3.038	1.776	0.834	101	104	99	46	7	8.56E-6	> 1.00E-4	> 1.00E-4
SW-620	0.408	2.573	2.478	2.491	2.446	0.653	0.417	96	96	94	11	.	3.41E-6	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.612	2.054	2.061	2.113	2.053	1.338	0.719	100	104	100	50	7	1.02E-5	> 1.00E-4	> 1.00E-4
SF-295	0.899	2.681	2.556	2.550	1.971	0.649	0.743	93	93	60	-28	-17	1.30E-6	4.82E-6	> 1.00E-4
SF-539	0.979	2.866	2.850	2.742	2.716	1.729	0.804	99	93	92	40	-18	6.36E-6	4.89E-5	> 1.00E-4
SNB-19	0.755	2.191	2.091	2.088	2.128	1.357	0.952	93	93	96	42	14	7.06E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.959	1.829	1.669	1.672	1.699	1.262	0.926	82	82	85	35	-3	4.99E-6	8.11E-5	> 1.00E-4
U251	0.585	2.015	1.961	1.890	1.881	0.949	0.647	96	91	91	25	4	4.20E-6	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.658	2.955	2.898	2.981	2.861	1.588	0.712	98	101	96	40	2	6.73E-6	> 1.00E-4	> 1.00E-4
M14	0.546	2.101	2.153	2.202	2.056	1.173	0.548	103	106	97	40	.	6.74E-6	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.544	2.193	2.113	2.072	2.020	0.913	0.558	95	93	89	22	1	3.87E-6	> 1.00E-4	> 1.00E-4
SK-MEL-2	0.753	1.229	1.291	1.272	1.250	0.868	0.447	113	109	104	24	-41	4.77E-6	2.36E-5	> 1.00E-4
SK-MEL-28	0.592	1.616	1.621	1.562	1.546	1.171	0.702	100	95	93	56	11	1.39E-5	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.929	3.036	2.945	2.938	2.876	1.413	0.749	96	95	92	23	-19	4.08E-6	3.49E-5	> 1.00E-4
UACC-257	0.905	1.677	1.578	1.555	1.534	1.233	0.800	87	84	81	42	-12	6.40E-6	6.10E-5	> 1.00E-4
UACC-62	0.902	2.733	2.700	2.659	2.596	1.251	0.625	98	96	93	19	-31	3.79E-6	2.41E-5	> 1.00E-4
Ovarian Cancer															
IGROV1	0.486	1.619	1.689	1.680	1.650	0.888	0.463	106	105	103	35	-5	6.08E-6	7.62E-5	> 1.00E-4
OVCAR-3	0.705	2.008	2.063	2.125	2.076	1.428	0.785	104	109	105	55	6	1.29E-5	> 1.00E-4	> 1.00E-4
OVCAR-4	0.559	1.154	1.119	1.100	1.100	0.829	0.623	94	91	91	45	11	7.90E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.593	1.523	1.441	1.310	1.327	1.182	0.906	91	77	79	63	34	2.82E-5	> 1.00E-4	> 1.00E-4
OVCAR-8	0.588	2.091	2.018	2.066	1.991	0.983	0.550	95	98	93	26	-6	4.43E-6	6.35E-5	> 1.00E-4
NCI/ADR-RES	0.543	2.041	2.132	2.141	1.955	0.754	0.473	106	107	94	14	-13	3.57E-6	3.33E-5	> 1.00E-4
SK-OV-3	0.584	1.501	1.534	1.551	1.616	1.260	0.864	104	105	112	74	30	3.53E-5	> 1.00E-4	> 1.00E-4
Renal Cancer															
786-0	0.584	2.539	2.521	2.552	2.544	1.641	0.782	99	101	100	54	10	1.24E-5	> 1.00E-4	> 1.00E-4
A498	1.700	2.530	2.463	2.472	2.380	1.612	1.134	92	93	82	-5	-33	2.33E-6	8.72E-6	> 1.00E-4
ACHN	0.411	1.850	1.894	1.876	1.838	0.904	0.556	103	102	99	34	10	5.72E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.648	2.636	2.664	2.649	2.670	1.160	0.659	101	101	102	26	1	4.79E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.948	1.741	1.714	1.692	1.382	0.981	0.465	97	94	55	4	-51	1.24E-6	1.19E-5	9.61E-5
SN12C	0.643	2.536	2.465	2.417	2.409	1.544	0.798	96	94	93	48	8	8.85E-6	> 1.00E-4	> 1.00E-4
UO-31	0.655	1.709	1.593	1.632	1.594	0.779	0.447	89	93	89	12	-32	3.20E-6	1.86E-5	> 1.00E-4
Prostate Cancer															
PC-3	0.698	2.242	2.182	2.118	2.098	1.016	0.939	96	92	91	21	16	3.80E-6	> 1.00E-4	> 1.00E-4
DU-145	0.460	1.687	1.794	1.820	1.780	1.203	0.673	109	111	108	61	17	1.75E-5	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.419	2.151	2.090	2.060	2.103	0.892	0.533	96	95	97	27	7	4.74E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.681	1.506	1.533	1.493	1.484	1.227	0.767	103	98	97	66	10	1.95E-5	> 1.00E-4	> 1.00E-4
HS 578T	1.268	2.199	2.099	2.120	2.081	1.503	1.200	89	92	87	25	-5	4.00E-6	6.66E-5	> 1.00E-4
BT-549	1.240	2.397	2.454	2.524	2.476	2.091	1.364	105	111	107	74	11	2.37E-5	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.767	1.617	1.595	1.537	1.545	0.988	0.660	97	91	92	26	-14	4.30E-6	4.47E-5	> 1.00E-4

Mean Graphs

Report Date :November 13, 2013

Test Date :April 08, 2013

