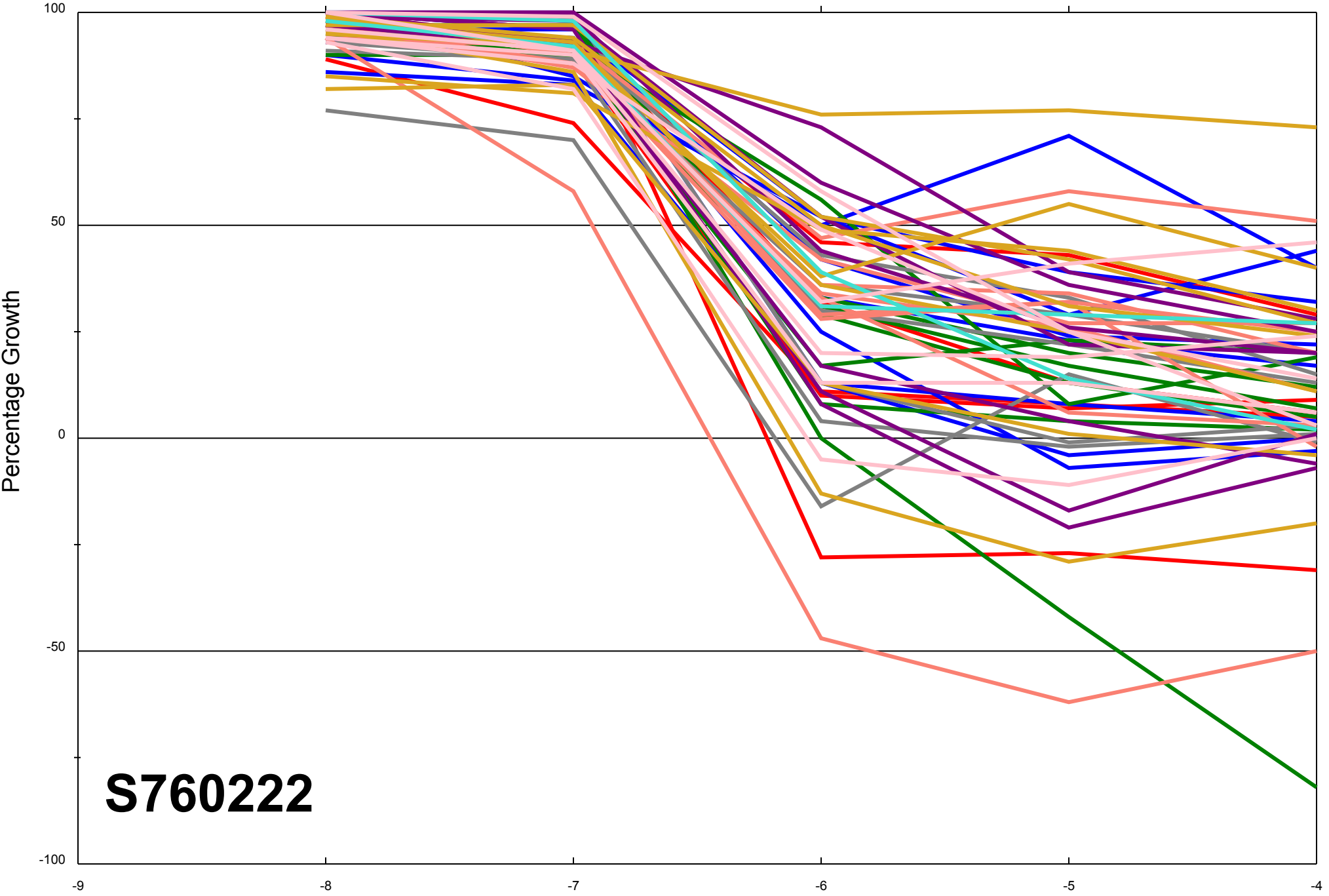


Dose Response Curves

Report Date:December 15, 2011

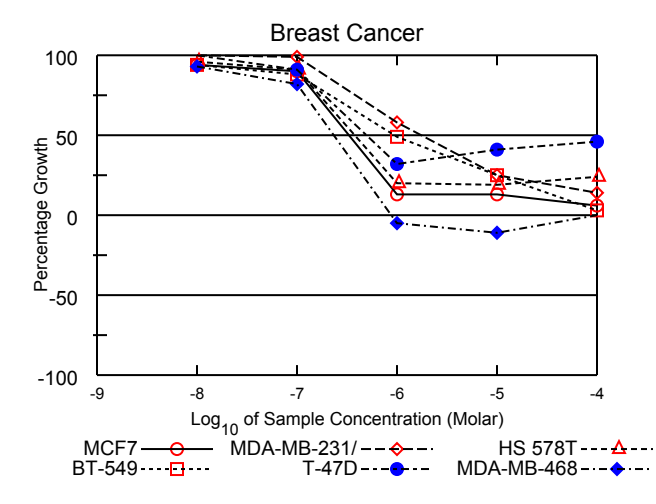
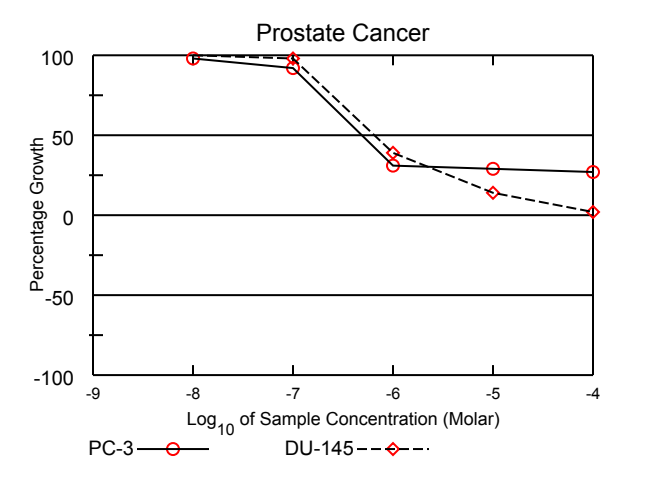
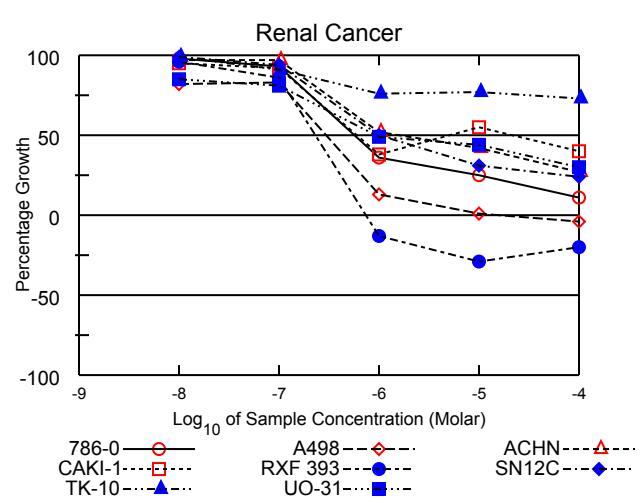
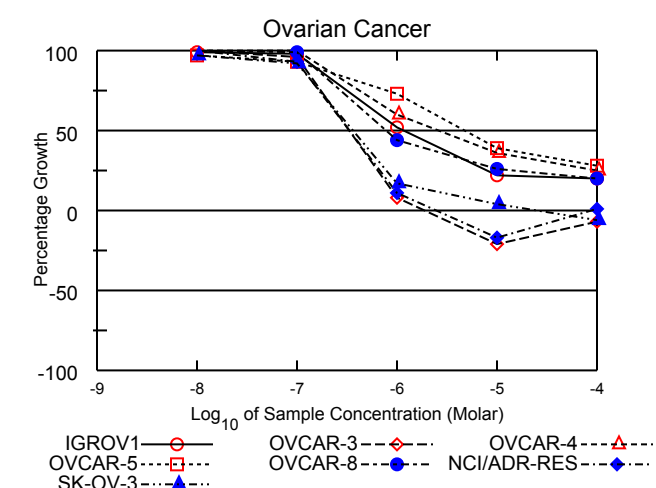
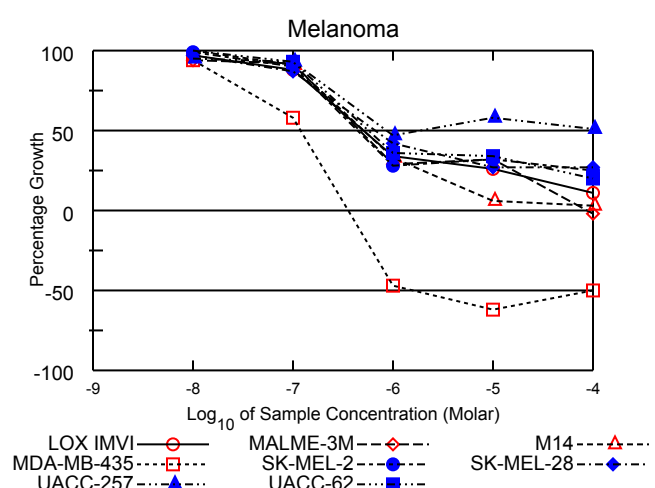
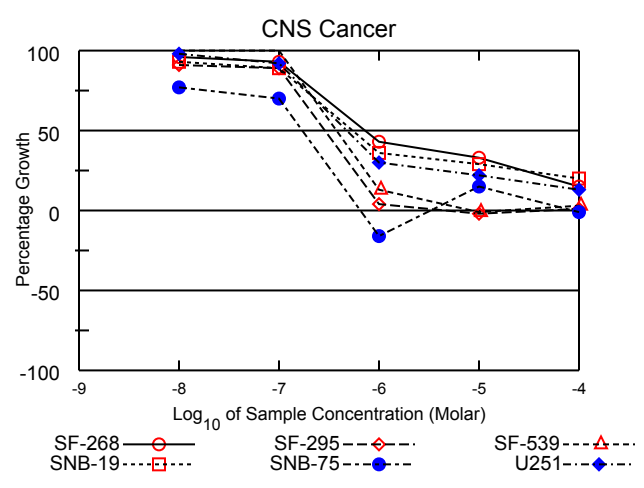
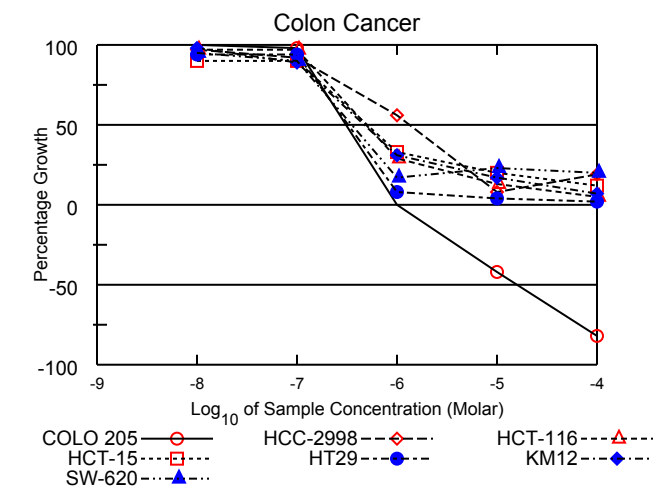
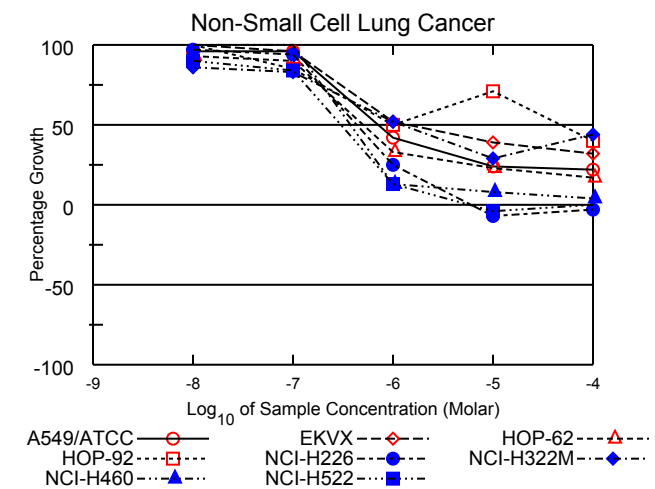
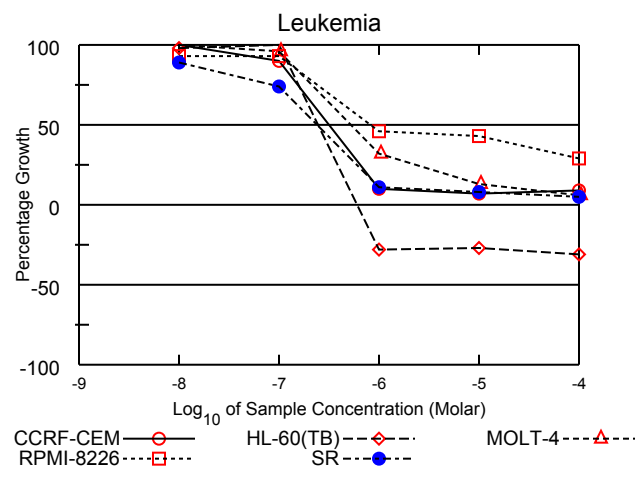
Test Date:August 01, 2011

All Cell Lines



S760222

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 760222 / 1	Experiment ID : 1108NS96	Test Type : 08	Units : Molar
Report Date : December 15, 2011	Test Date : August 01, 2011	QNS :	MC :
COMI : A4535/0194134 (107437)	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	0.516	1.806	1.800	1.677	0.642	0.605	0.639	100	90	10	7	9	3.15E-7	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.896	2.752	2.712	2.772	0.649	0.651	0.614	98	101	-28	-27	-31	2.49E-7	> 6.10E-7	> 1.00E-4
MOLT-4	0.792	2.246	2.261	2.183	1.251	0.987	0.882	101	96	32	13	6	5.15E-7	> 1.00E-4	> 1.00E-4
RPMI-8226	0.882	2.603	2.474	2.476	1.671	1.622	1.381	93	93	46	43	29	8.16E-7	> 1.00E-4	> 1.00E-4
SR	0.482	1.962	1.796	1.581	0.646	0.598	0.559	89	74	11	8	5	2.42E-7	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.323	1.705	1.652	1.655	0.901	0.655	0.631	96	96	42	24	22	7.07E-7	> 1.00E-4	> 1.00E-4
EKVX	0.795	1.893	1.899	1.845	1.367	1.219	1.143	101	96	52	39	32	1.42E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.453	1.209	1.157	1.130	0.700	0.629	0.578	93	90	33	23	17	4.96E-7	> 1.00E-4	> 1.00E-4
HOP-92	1.283	1.841	1.850	1.760	1.565	1.681	1.506	102	85	50	71	40	4.75E-5	> 1.00E-4	> 1.00E-4
NCI-H226	0.762	1.653	1.628	1.603	0.989	0.707	0.739	97	94	25	-7	-3	4.41E-7	5.99E-6	> 1.00E-4
NCI-H322M	0.790	1.898	1.743	1.713	1.371	1.117	1.280	86	83	52	29	44	1.27E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.250	2.423	2.526	2.438	0.531	0.432	0.338	105	101	13	8	4	3.78E-7	> 1.00E-4	> 1.00E-4
NCI-H522	0.827	2.300	2.146	2.069	1.018	0.798	0.825	90	84	13	-4	.	3.03E-7	6.13E-6	> 1.00E-4
Colon Cancer															
COLO 205	0.318	1.039	1.082	1.022	0.320	0.186	0.058	106	98	.	-42	-82	3.09E-7	1.02E-6	1.63E-5
HCC-2998	0.405	1.358	1.332	1.286	0.941	0.480	0.588	97	92	56	8	19	1.35E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.169	1.428	1.393	1.392	0.539	0.337	0.231	97	97	29	13	5	4.96E-7	> 1.00E-4	> 1.00E-4
HCT-15	0.462	2.385	2.195	2.191	1.103	0.852	0.687	90	90	33	20	12	5.08E-7	> 1.00E-4	> 1.00E-4
HT29	0.187	1.181	1.124	1.118	0.266	0.229	0.206	94	94	8	4	2	3.23E-7	> 1.00E-4	> 1.00E-4
KM12	0.437	2.311	2.269	2.097	1.012	0.763	0.570	98	89	31	17	7	4.64E-7	> 1.00E-4	> 1.00E-4
SW-620	0.255	1.834	1.763	1.671	0.525	0.621	0.570	95	90	17	23	20	3.52E-7	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.430	1.443	1.405	1.375	0.867	0.768	0.581	96	93	43	33	15	7.31E-7	> 1.00E-4	> 1.00E-4
SF-295	0.662	2.390	2.238	2.196	0.737	0.646	0.682	91	89	4	-2	1	2.88E-7	.	> 1.00E-4
SF-539	0.870	2.089	2.095	2.095	1.026	0.860	0.904	100	100	13	-1	3	3.76E-7	.	> 1.00E-4
SNB-19	0.506	1.650	1.571	1.525	0.923	0.839	0.740	93	89	36	29	20	5.53E-7	> 1.00E-4	> 1.00E-4
SNB-75	1.084	1.594	1.479	1.444	0.910	1.161	1.073	77	70	-16	15	-1	1.72E-7	.	> 1.00E-4
U251	0.270	1.403	1.382	1.311	0.610	0.518	0.419	98	92	30	22	13	4.75E-7	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.169	1.271	1.235	1.140	0.543	0.458	0.286	97	88	34	26	11	5.05E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.631	1.281	1.240	1.228	0.823	0.842	0.619	94	92	29	32	-2	4.68E-7	8.76E-5	> 1.00E-4
M14	0.367	1.358	1.371	1.265	0.693	0.431	0.395	101	91	33	6	3	5.05E-7	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.391	1.845	1.765	1.237	0.207	0.151	0.195	94	58	-47	-62	-50	1.20E-7	3.57E-7	1.60E-6
SK-MEL-2	0.684	1.234	1.229	1.181	0.836	0.858	0.823	99	90	28	32	25	4.39E-7	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.519	1.302	1.281	1.202	0.849	0.730	0.728	97	87	42	27	27	6.67E-7	> 1.00E-4	> 1.00E-4
UACC-257	0.760	1.981	1.919	1.895	1.328	1.465	1.386	95	93	47	58	51	.	> 1.00E-4	> 1.00E-4
UACC-62	0.695	2.420	2.417	2.304	1.315	1.290	1.046	100	93	36	34	20	5.68E-7	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.623	2.036	2.017	2.002	1.352	0.934	0.912	99	98	52	22	20	1.13E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.475	1.508	1.511	1.466	0.556	0.376	0.442	100	96	8	-21	-7	3.32E-7	1.87E-6	> 1.00E-4
OVCAR-4	0.576	1.071	1.103	1.099	0.874	0.755	0.700	106	106	60	36	25	2.65E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.565	1.249	1.227	1.205	1.063	0.831	0.759	97	93	73	39	28	4.68E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.349	1.607	1.631	1.590	0.907	0.672	0.606	102	99	44	26	20	7.88E-7	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.504	1.778	1.782	1.687	0.644	0.417	0.522	100	93	11	-17	1	3.34E-7	.	> 1.00E-4
SK-OV-3	0.507	1.062	1.045	1.019	0.604	0.527	0.479	97	92	17	4	-6	3.68E-7	2.45E-5	> 1.00E-4
Renal Cancer															
786-0	0.638	2.084	2.056	1.988	1.152	1.003	0.794	98	93	36	25	11	5.62E-7	> 1.00E-4	> 1.00E-4
A498	1.240	2.070	1.923	1.929	1.345	1.248	1.194	82	83	13	1	-4	2.95E-7	1.60E-5	> 1.00E-4
ACHN	0.491	1.711	1.676	1.670	1.128	1.000	0.816	97	97	52	42	27	1.63E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.731	2.023	1.964	1.924	1.223	1.439	1.245	95	92	38	55	40	.	> 1.00E-4	> 1.00E-4
RXF 393	0.695	1.125	1.109	1.066	0.603	0.493	0.556	96	86	-13	-29	-20	2.31E-7	7.35E-7	> 1.00E-4
SN12C	0.595	2.069	2.057	1.981	1.330	1.056	0.947	99	94	50	31	24	9.93E-7	> 1.00E-4	> 1.00E-4
TK-10	0.640	1.452	1.446	1.381	1.259	1.261	1.236	99	91	76	77	73	> 1.00E-4	> 1.00E-4	> 1.00E-4
UO-31	0.572	1.658	1.493	1.455	1.105	1.047	0.900	85	81	49	44	30	9.36E-7	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.600	2.241	2.200	2.108	1.102	1.075	1.038	98	92	31	29	27	4.82E-7	> 1.00E-4	> 1.00E-4
DU-145	0.402	1.491	1.501	1.473	0.824	0.557	0.421	101	98	39	14	2	6.48E-7	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.309	1.525	1.450	1.407	0.463	0.469	0.386	94	90	13	13	6	3.30E-7	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.623	1.429	1.507	1.424	1.089	0.828	0.734	110	99	58	25	14	1.74E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.765	1.824	1.779	1.733	0.973	0.968	1.018	96	91	20	19	24	3.77E-7	> 1.00E-4	> 1.00E-4
BT-549	0.793	1.818	1.753	1.699	1.296	1.046	0.822	94	88	49	25	3	9.47E-7	> 1.00E-4	> 1.00E-4
T-47D	0.610	1.392	1.420	1.320	0.857	0.931	0.972	104	91	32	41	46	4.89E-7	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.514	0.891	0.864	0.821	0.489	0.459	0.515	93	82	-5	-11	.	2.32E-7	.	> 1.00E-4

Mean Graphs

Report Date :December 15, 2011

Test Date :August 01, 2011

