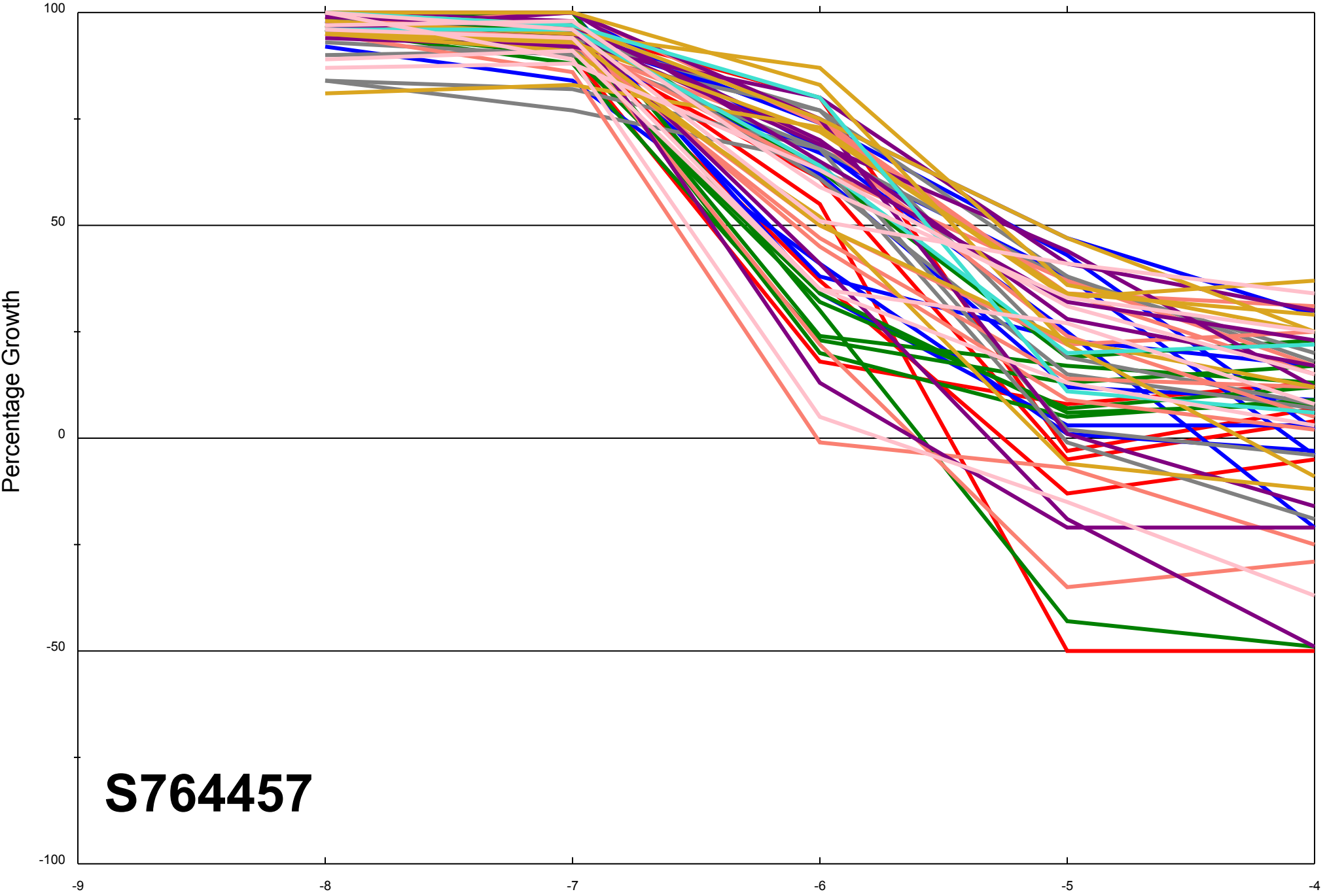


Dose Response Curves

Report Date:September 14, 2012

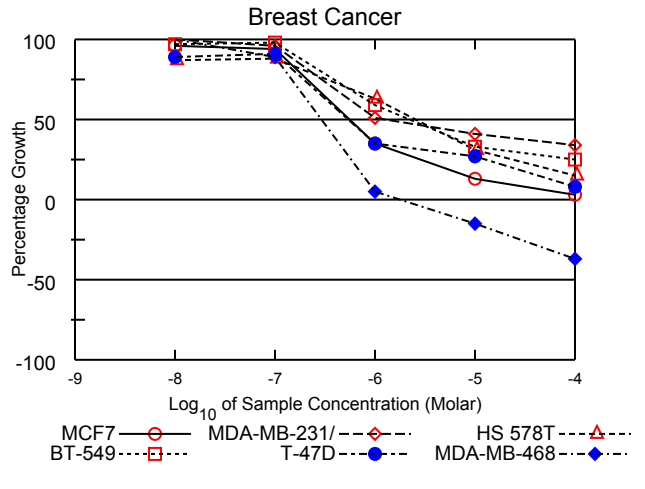
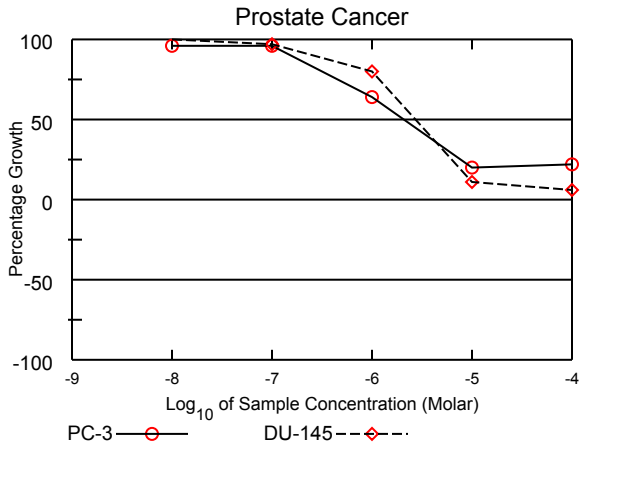
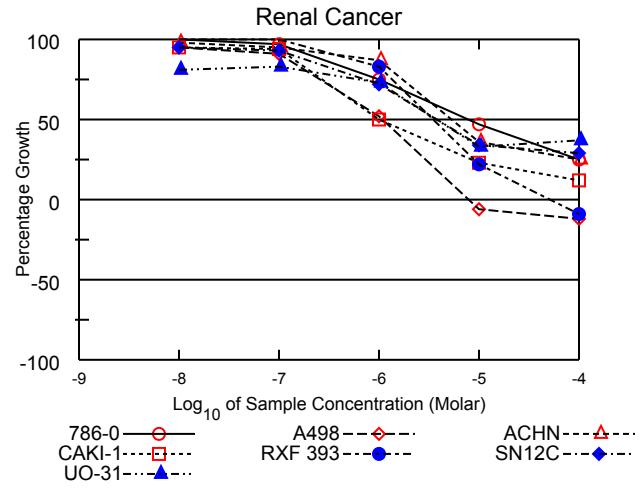
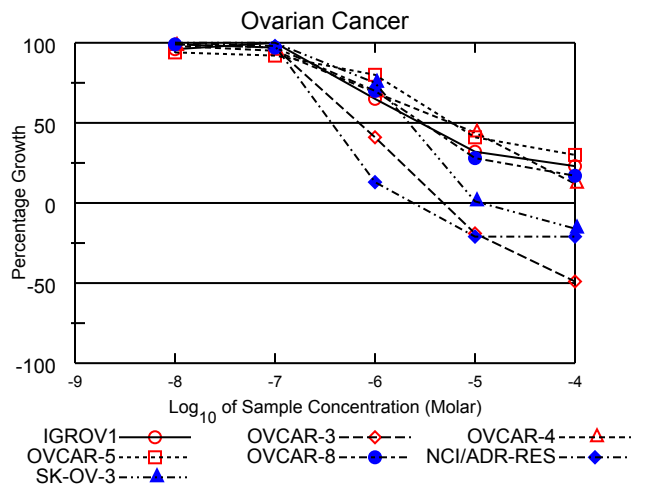
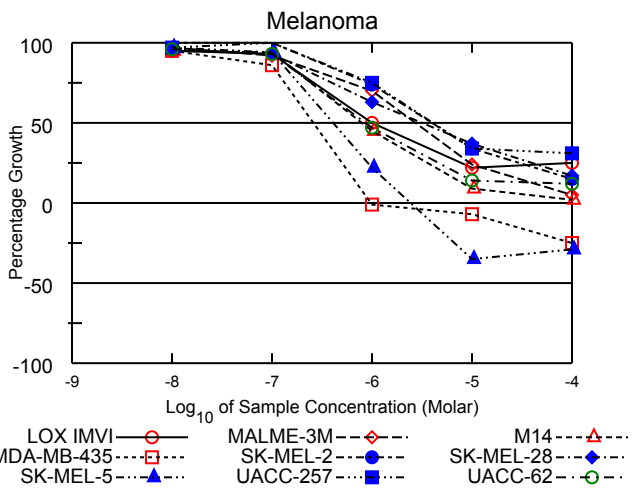
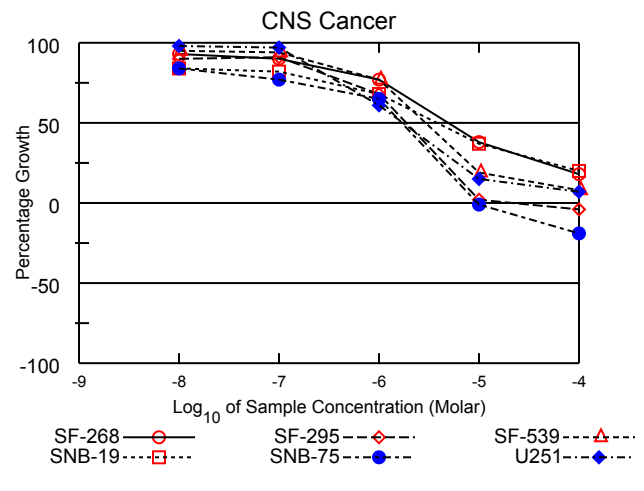
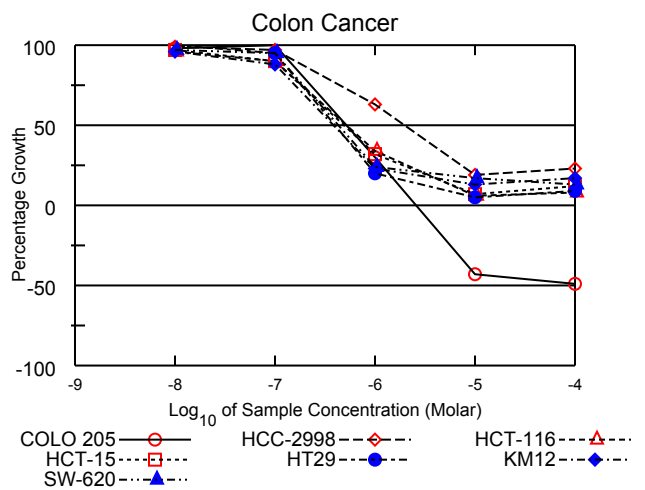
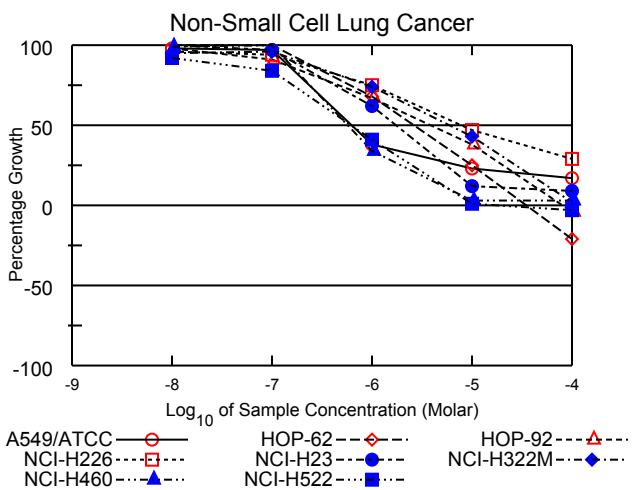
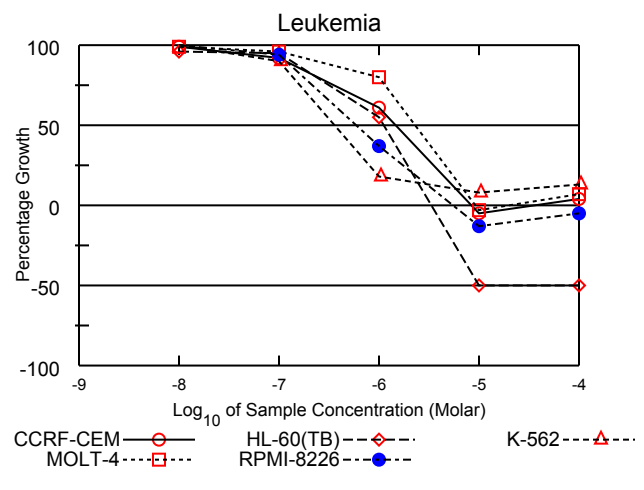
Test Date:June 04, 2012

All Cell Lines



**S764457**

Log<sub>10</sub> of Sample Concentration (Molar)



# National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 764457 / 1	Experiment ID : 1206NS82	Test Type : 08	Units : Molar
Report Date : September 14, 2012	Test Date : June 04, 2012	QNS :	MC :
COMI : A4452/0190247 (116589)	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			
<b>Leukemia</b>															
CCRF-CEM	0.337	1.284	1.273	1.213	0.912	0.321	0.371	99	92	61	-5	4	1.46E-6	.	> 1.00E-4
HL-60(TB)	0.916	2.993	2.905	2.899	2.053	0.457	0.458	96	95	55	-50	-50	1.11E-6	3.32E-6	1.00E-4
K-562	0.237	1.792	1.787	1.632	0.512	0.355	0.442	100	90	18	8	13	3.56E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.501	1.524	1.512	1.482	1.315	0.487	0.578	99	96	80	-3	7	2.28E-6	.	> 1.00E-4
RPMI-8226	0.793	1.892	1.932	1.830	1.204	0.687	0.750	104	94	37	-13	-5	5.99E-7	5.44E-6	> 1.00E-4
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.415	2.028	1.997	1.988	1.026	0.791	0.690	98	97	38	23	17	6.26E-7	> 1.00E-4	> 1.00E-4
HOP-62	0.352	1.018	1.018	1.034	0.804	0.521	0.278	100	102	68	25	-21	2.63E-6	3.52E-5	> 1.00E-4
HOP-92	1.090	1.559	1.548	1.518	1.406	1.267	1.051	98	91	67	38	-4	3.87E-6	8.17E-5	> 1.00E-4
NCI-H226	0.678	1.612	1.571	1.555	1.375	1.113	0.954	96	94	75	47	29	7.55E-6	> 1.00E-4	> 1.00E-4
NCI-H23	0.394	1.268	1.275	1.245	0.940	0.499	0.476	101	97	62	12	9	1.76E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.673	1.490	1.453	1.461	1.277	1.024	0.691	95	96	74	43	2	5.91E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.296	2.601	2.584	2.635	1.083	0.358	0.363	99	101	34	3	3	5.81E-7	> 1.00E-4	> 1.00E-4
NCI-H522	0.814	2.287	2.162	2.055	1.422	0.822	0.787	92	84	41	1	-3	6.26E-7	1.35E-5	> 1.00E-4
<b>Colon Cancer</b>															
COLO 205	0.329	1.389	1.363	1.415	0.645	0.189	0.169	98	102	30	-43	-49	5.27E-7	2.57E-6	> 1.00E-4
HCC-2998	0.834	2.876	2.849	2.819	2.127	1.219	1.297	99	97	63	19	23	1.99E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.100	1.341	1.293	1.223	0.518	0.176	0.204	96	90	34	6	8	5.15E-7	> 1.00E-4	> 1.00E-4
HCT-15	0.233	1.614	1.574	1.482	0.672	0.329	0.405	97	90	32	7	12	4.89E-7	> 1.00E-4	> 1.00E-4
HT29	0.236	1.589	1.597	1.520	0.511	0.299	0.352	101	95	20	5	9	4.00E-7	> 1.00E-4	> 1.00E-4
KM12	0.458	2.231	2.162	2.010	0.874	0.687	0.757	96	88	23	13	17	3.86E-7	> 1.00E-4	> 1.00E-4
SW-620	0.272	1.868	1.828	1.786	0.654	0.549	0.484	97	95	24	17	13	4.29E-7	> 1.00E-4	> 1.00E-4
<b>CNS Cancer</b>															
SF-268	0.632	1.685	1.612	1.583	1.439	1.031	0.818	93	90	77	38	18	4.87E-6	> 1.00E-4	> 1.00E-4
SF-295	0.821	2.544	2.374	2.395	1.993	0.853	0.785	90	91	68	2	-4	1.87E-6	1.97E-5	> 1.00E-4
SF-539	0.792	2.301	2.229	2.213	1.952	1.077	0.916	95	94	77	19	8	2.90E-6	> 1.00E-4	> 1.00E-4
SNB-19	0.528	1.599	1.429	1.410	1.257	0.922	0.748	84	82	68	37	20	3.78E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.768	1.278	1.194	1.159	1.102	0.762	0.622	84	77	65	-1	-19	1.71E-6	9.71E-6	> 1.00E-4
U251	0.428	1.670	1.650	1.633	1.189	0.618	0.512	98	97	61	15	7	1.75E-6	> 1.00E-4	> 1.00E-4
<b>Melanoma</b>															
LOX IMVI	0.158	1.251	1.195	1.178	0.705	0.401	0.429	95	93	50	22	25	1.00E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.538	0.941	0.930	0.908	0.820	0.635	0.559	97	92	70	24	5	2.72E-6	> 1.00E-4	> 1.00E-4
M14	0.339	1.424	1.375	1.355	0.832	0.442	0.356	95	94	45	9	2	8.04E-7	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.404	2.029	1.952	1.803	0.401	0.375	0.302	95	86	-1	-7	-25	2.60E-7	9.77E-7	> 1.00E-4
SK-MEL-2	0.504	1.071	1.137	1.082	0.923	0.695	0.588	112	102	74	34	15	3.93E-6	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.490	1.364	1.329	1.299	1.037	0.815	0.642	96	93	63	37	17	3.11E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.455	2.411	2.346	2.290	0.877	0.295	0.322	97	94	22	-35	-29	4.04E-7	2.40E-6	> 1.00E-4
UACC-257	0.873	2.000	1.966	2.003	1.715	1.259	1.219	97	100	75	34	31	4.08E-6	> 1.00E-4	> 1.00E-4
UACC-62	0.595	1.610	1.566	1.540	1.072	0.741	0.716	96	93	47	14	12	8.59E-7	> 1.00E-4	> 1.00E-4
<b>Ovarian Cancer</b>															
IGROV1	0.641	1.788	1.736	1.809	1.388	1.008	0.900	96	102	65	32	23	2.87E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.575	1.522	1.512	1.496	0.965	0.464	0.295	99	97	41	-19	-49	6.94E-7	4.78E-6	> 1.00E-4
OVCAR-4	0.673	1.239	1.226	1.212	1.065	0.920	0.741	98	95	69	44	12	5.60E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.445	1.357	1.304	1.289	1.176	0.820	0.720	94	92	80	41	30	5.92E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.519	2.092	2.079	2.040	1.622	0.962	0.780	99	97	70	28	17	3.01E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.524	1.861	1.873	1.828	0.696	0.412	0.416	101	98	13	-21	-21	3.64E-7	2.37E-6	> 1.00E-4
SK-OV-3	0.478	1.085	1.101	1.143	0.931	0.487	0.400	103	110	75	1	-16	2.17E-6	1.20E-5	> 1.00E-4
<b>Renal Cancer</b>															
786-0	0.606	2.181	2.194	2.136	1.786	1.342	0.992	101	97	75	47	25	7.65E-6	> 1.00E-4	> 1.00E-4
A498	1.326	1.992	1.957	1.934	1.673	1.249	1.162	95	91	52	-6	-12	1.09E-6	7.94E-6	> 1.00E-4
ACHN	0.313	1.277	1.262	1.227	1.154	0.663	0.553	98	95	87	36	25	5.39E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.634	2.585	2.494	2.473	1.615	1.083	0.874	95	94	50	23	12	1.03E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.552	1.079	1.098	1.095	0.992	0.668	0.502	104	103	83	22	-9	3.49E-6	5.08E-5	> 1.00E-4
SN12C	0.507	1.852	1.788	1.759	1.470	0.967	0.900	95	93	72	34	29	3.77E-6	> 1.00E-4	> 1.00E-4
UO-31	0.575	1.504	1.328	1.351	1.257	0.886	0.916	81	83	73	33	37	3.86E-6	> 1.00E-4	> 1.00E-4
<b>Prostate Cancer</b>															
PC-3	0.578	2.200	2.136	2.137	1.610	0.901	0.943	96	96	64	20	22	2.05E-6	> 1.00E-4	> 1.00E-4
DU-145	0.466	1.532	1.538	1.500	1.315	0.578	0.532	101	97	80	11	6	2.68E-6	> 1.00E-4	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.357	1.837	1.778	1.751	0.880	0.544	0.408	96	94	35	13	3	5.63E-7	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.553	1.292	1.318	1.265	0.932	0.858	0.806	103	96	51	41	34	1.33E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.953	1.485	1.414	1.423	1.291	1.118	1.035	87	88	63	31	15	2.59E-6	> 1.00E-4	> 1.00E-4
BT-549	0.726	1.954	1.916	1.931	1.453	1.134	1.036	97	98	59	33	25	2.26E-6	> 1.00E-4	> 1.00E-4
T-47D	0.618	1.486	1.388	1.412	0.919	0.850	0.687	89	91	35	27	8	5.37E-7	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.594	1.207	1.211	1.142	0.623	0.504	0.372	101	89	5	-15	-37	2.91E-7	1.72E-6	> 1.00E-4

Mean Graphs

Report Date :September 14, 2012

Test Date :June 04, 2012

