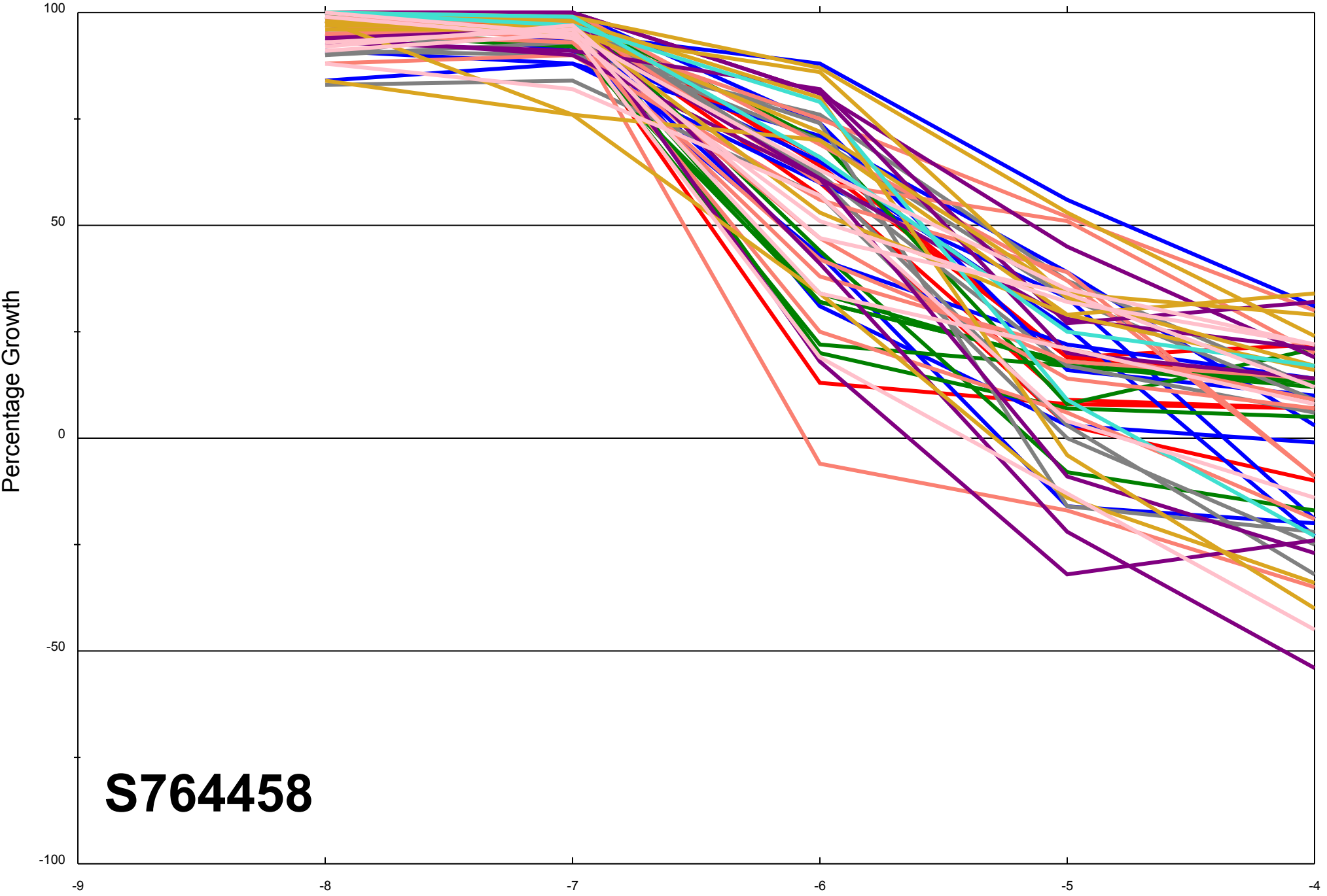


Dose Response Curves

Report Date:September 14, 2012

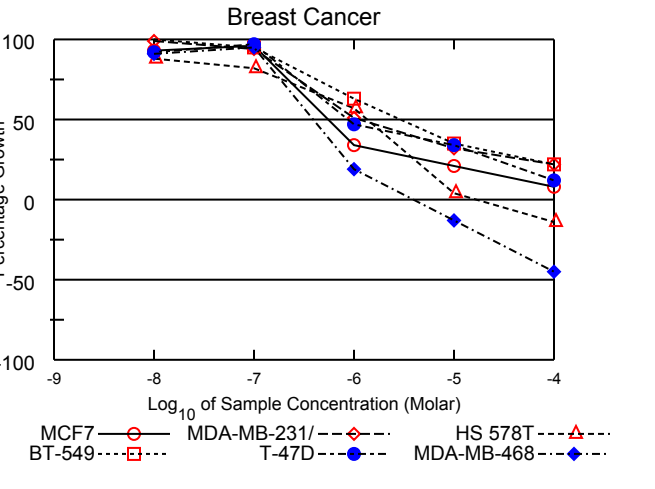
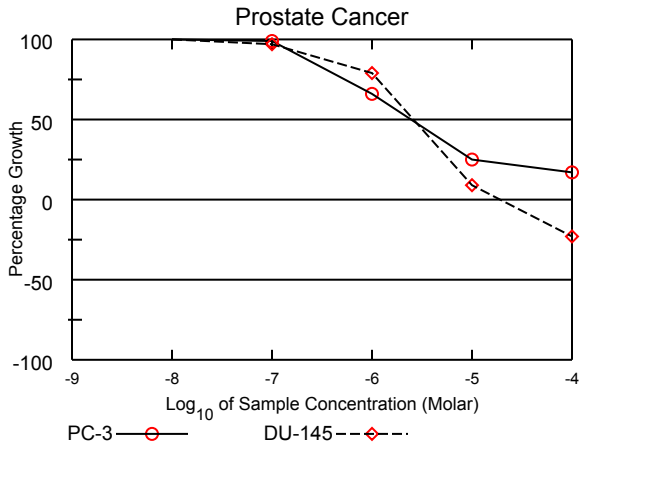
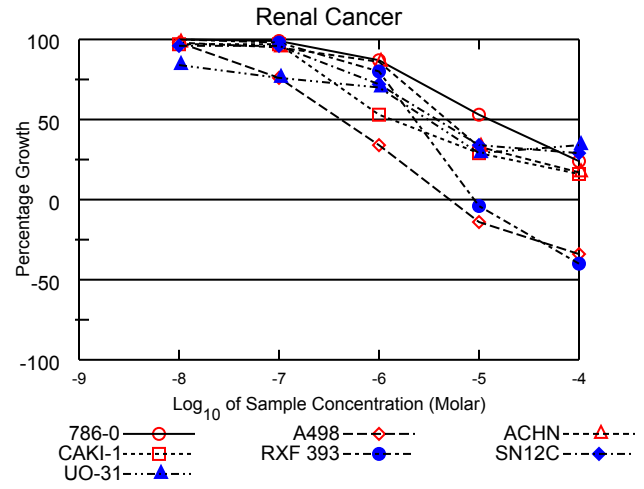
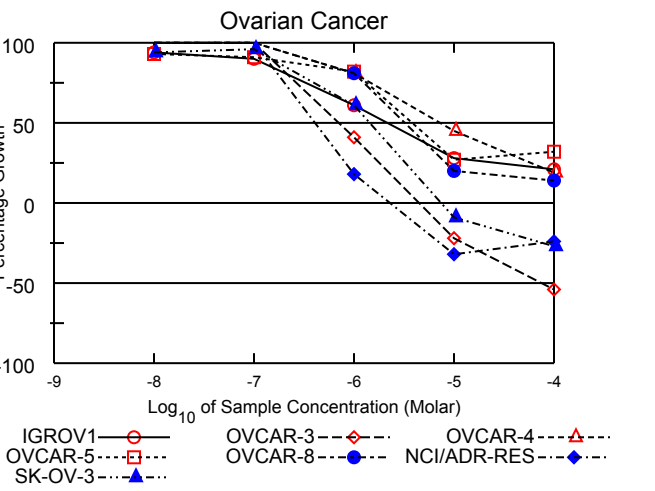
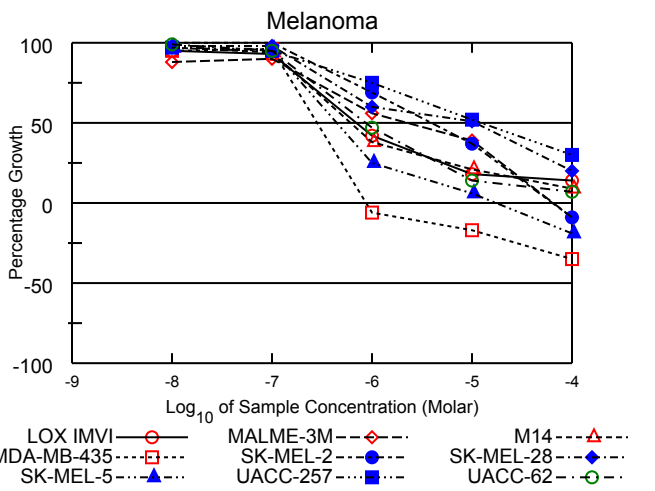
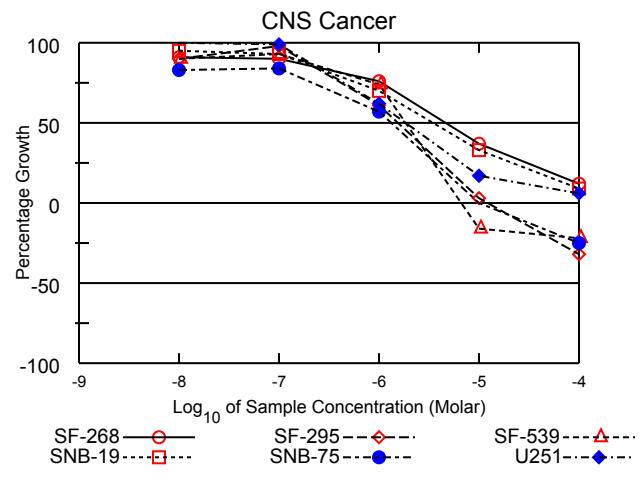
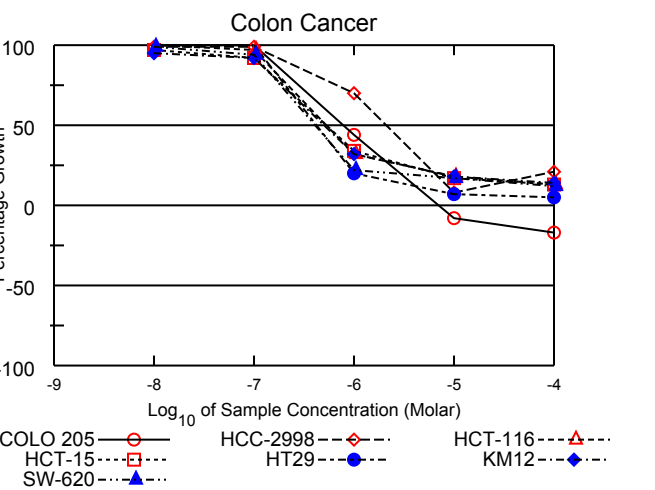
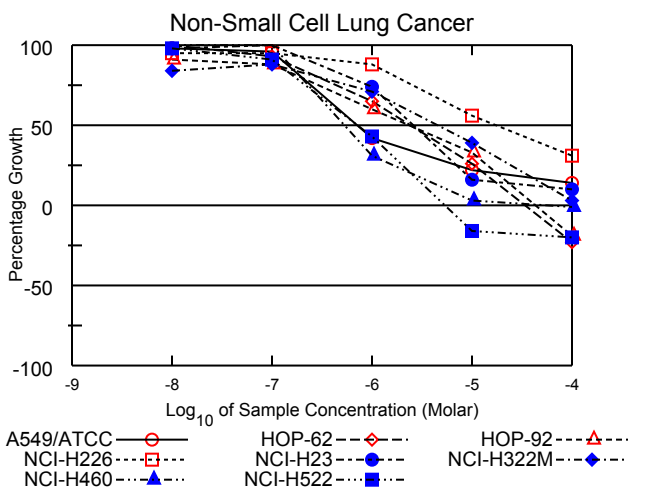
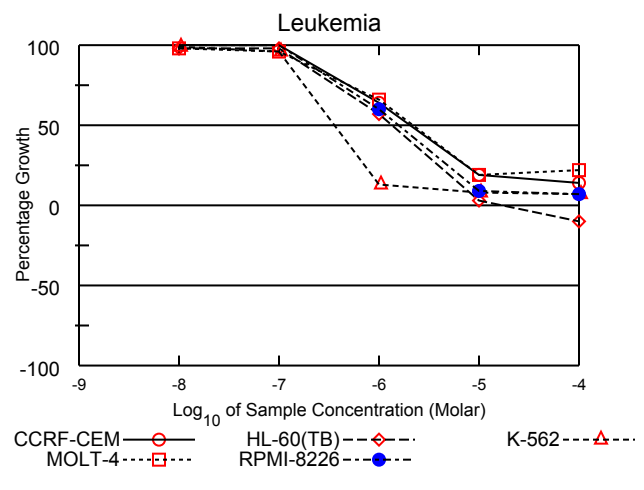
Test Date:June 04, 2012

All Cell Lines



**S764458**

$\text{Log}_{10}$  of Sample Concentration (Molar)



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

NSC : 764458 / 1	Experiment ID : 1206NS82	Test Type : 08	Units : Molar
Report Date : September 14, 2012	Test Date : June 04, 2012	QNS :	MC :
COMI : A4463/0190790 (116590)	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	1.475	1.510	1.476	1.070	0.557	0.498	103	100	64	19	14	2.08E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.916	3.072	3.027	3.023	2.143	0.985	0.824	98	98	57	3	-10	1.35E-6	1.74E-5	> 1.00E-4
K-562	0.237	1.874	1.853	1.808	0.449	0.366	0.344	99	96	13	8	7	3.58E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.501	1.699	1.674	1.653	1.293	0.725	0.761	98	96	66	19	22	2.18E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	0.793	2.065	2.072	2.126	1.563	0.913	0.879	101	105	60	9	7	1.61E-6	> 1.00E-4	> 1.00E-4
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.415	2.045	2.012	1.982	1.101	0.768	0.638	98	96	42	22	14	7.14E-7	> 1.00E-4	> 1.00E-4
HOP-62	0.352	1.171	1.189	1.116	0.885	0.563	0.272	102	93	65	26	-23	2.42E-6	3.39E-5	> 1.00E-4
HOP-92	1.090	1.554	1.514	1.496	1.366	1.245	0.880	91	88	60	33	-19	2.31E-6	4.30E-5	> 1.00E-4
NCI-H226	0.678	1.638	1.588	1.586	1.518	1.216	0.979	95	95	88	56	31	1.75E-5	> 1.00E-4	> 1.00E-4
NCI-H23	0.394	1.310	1.292	1.313	1.074	0.537	0.486	98	100	74	16	10	2.59E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.673	1.486	1.353	1.387	1.253	0.994	0.695	84	88	71	39	3	4.67E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.296	2.570	2.563	2.569	1.007	0.365	0.295	100	100	31	3	-1	5.34E-7	7.18E-5	> 1.00E-4
NCI-H522	0.814	2.207	2.174	2.079	1.407	0.681	0.648	98	91	43	-16	-20	7.02E-7	5.28E-6	> 1.00E-4
<b>Colon Cancer</b>															
COLO 205	0.329	1.398	1.421	1.480	0.798	0.302	0.272	102	108	44	-8	-17	8.01E-7	6.92E-6	> 1.00E-4
HCC-2998	0.834	2.922	2.895	2.906	2.306	1.002	1.265	99	99	70	8	21	2.13E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.100	1.177	1.201	1.144	0.447	0.292	0.235	102	97	32	18	13	5.31E-7	> 1.00E-4	> 1.00E-4
HCT-15	0.233	1.628	1.585	1.520	0.703	0.468	0.421	97	92	34	17	13	5.27E-7	> 1.00E-4	> 1.00E-4
HT29	0.236	1.517	1.530	1.532	0.493	0.328	0.297	101	101	20	7	5	4.27E-7	> 1.00E-4	> 1.00E-4
KM12	0.458	2.264	2.181	2.119	1.041	0.775	0.710	95	92	32	18	14	5.05E-7	> 1.00E-4	> 1.00E-4
SW-620	0.272	1.795	1.781	1.711	0.610	0.529	0.458	99	94	22	17	12	4.12E-7	> 1.00E-4	> 1.00E-4
<b>CNS Cancer</b>															
SF-268	0.632	1.674	1.579	1.573	1.420	1.013	0.761	91	90	76	37	12	4.53E-6	> 1.00E-4	> 1.00E-4
SF-295	0.821	2.469	2.313	2.438	1.822	0.874	0.562	90	98	61	3	-32	1.54E-6	1.24E-5	> 1.00E-4
SF-539	0.792	2.315	2.170	2.201	1.925	0.668	0.618	90	93	74	-16	-22	1.87E-6	6.70E-6	> 1.00E-4
SNB-19	0.528	1.508	1.459	1.442	1.210	0.855	0.619	95	93	70	33	9	3.47E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.768	1.391	1.287	1.289	1.120	0.768	0.579	83	84	57	.	-25	1.30E-6	1.00E-5	> 1.00E-4
U251	0.428	1.678	1.712	1.660	1.200	0.639	0.503	103	99	62	17	6	1.83E-6	> 1.00E-4	> 1.00E-4
<b>Melanoma</b>															
LOX IMVI	0.158	1.256	1.199	1.182	0.616	0.357	0.311	95	93	42	18	14	6.89E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.538	0.976	0.924	0.932	0.785	0.709	0.492	88	90	56	39	-9	2.32E-6	6.61E-5	> 1.00E-4
M14	0.339	1.414	1.387	1.355	0.748	0.566	0.435	95	94	38	21	9	6.13E-7	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.404	2.003	1.923	1.941	0.379	0.336	0.265	97	96	-6	-17	-35	2.82E-7	8.68E-7	> 1.00E-4
SK-MEL-2	0.504	0.997	1.056	1.014	0.843	0.684	0.460	112	103	69	37	-9	3.81E-6	6.41E-5	> 1.00E-4
SK-MEL-28	0.490	1.455	1.432	1.438	1.066	0.981	0.682	98	98	60	51	20	1.07E-5	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.455	2.382	2.327	2.300	0.941	0.572	0.370	97	96	25	6	-19	4.45E-7	1.75E-5	> 1.00E-4
UACC-257	0.873	2.006	1.972	1.949	1.728	1.467	1.214	97	95	75	52	30	1.29E-5	> 1.00E-4	> 1.00E-4
UACC-62	0.595	1.617	1.604	1.566	1.075	0.735	0.662	99	95	47	14	7	8.65E-7	> 1.00E-4	> 1.00E-4
<b>Ovarian Cancer</b>															
IGROV1	0.641	1.778	1.714	1.667	1.335	0.964	0.875	94	90	61	28	21	2.18E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.575	1.602	1.627	1.628	0.992	0.446	0.265	102	103	41	-22	-54	7.05E-7	4.41E-6	7.51E-5
OVCAR-4	0.673	1.389	1.387	1.388	1.252	0.998	0.813	100	100	81	45	19	7.40E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.445	1.333	1.275	1.252	1.173	0.683	0.733	93	91	82	27	32	3.79E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.519	2.128	2.141	2.146	1.818	0.845	0.752	101	101	81	20	14	3.22E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.524	1.867	1.873	1.918	0.759	0.358	0.397	100	104	18	-32	-24	4.20E-7	2.27E-6	> 1.00E-4
SK-OV-3	0.478	1.131	1.092	1.102	0.878	0.435	0.350	94	96	61	-9	-27	1.45E-6	7.42E-6	> 1.00E-4
<b>Renal Cancer</b>															
786-0	0.606	2.112	2.125	2.103	1.912	1.402	0.963	101	99	87	53	24	1.25E-5	> 1.00E-4	> 1.00E-4
A498	1.326	1.947	1.936	1.796	1.535	1.136	0.879	98	76	34	-14	-34	4.08E-7	5.02E-6	> 1.00E-4
ACHN	0.313	1.261	1.243	1.209	1.132	0.630	0.477	98	95	86	33	17	4.87E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.634	2.574	2.516	2.525	1.671	1.193	0.941	97	97	53	29	16	1.38E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.552	1.114	1.150	1.101	1.004	0.530	0.329	106	98	80	-4	-40	2.29E-6	8.95E-6	> 1.00E-4
SN12C	0.507	1.861	1.805	1.811	1.488	0.966	0.895	96	96	72	34	29	3.81E-6	> 1.00E-4	> 1.00E-4
UO-31	0.575	1.521	1.369	1.297	1.237	0.854	0.896	84	76	70	29	34	3.10E-6	> 1.00E-4	> 1.00E-4
<b>Prostate Cancer</b>															
PC-3	0.578	2.188	2.189	2.175	1.645	0.974	0.853	100	99	66	25	17	2.45E-6	> 1.00E-4	> 1.00E-4
DU-145	0.466	1.542	1.555	1.515	1.314	0.563	0.359	101	97	79	9	-23	2.59E-6	1.91E-5	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.357	1.872	1.768	1.811	0.870	0.669	0.484	93	96	34	21	8	5.50E-7	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.553	1.306	1.295	1.259	0.939	0.793	0.722	99	94	51	32	22	1.17E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.953	1.484	1.419	1.389	1.254	0.975	0.823	88	82	57	4	-14	1.34E-6	1.69E-5	> 1.00E-4
BT-549	0.726	1.943	1.959	1.881	1.490	1.151	0.989	101	95	63	35	22	2.87E-6	> 1.00E-4	> 1.00E-4
T-47D	0.618	1.511	1.438	1.489	1.038	0.924	0.728	92	97	47	34	12	8.71E-7	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.594	1.203	1.147	1.174	0.712	0.517	0.328	91	95	19	-13	-45	3.95E-7	3.97E-6	> 1.00E-4

Mean Graphs

Report Date :September 14, 2012

Test Date :June 04, 2012

