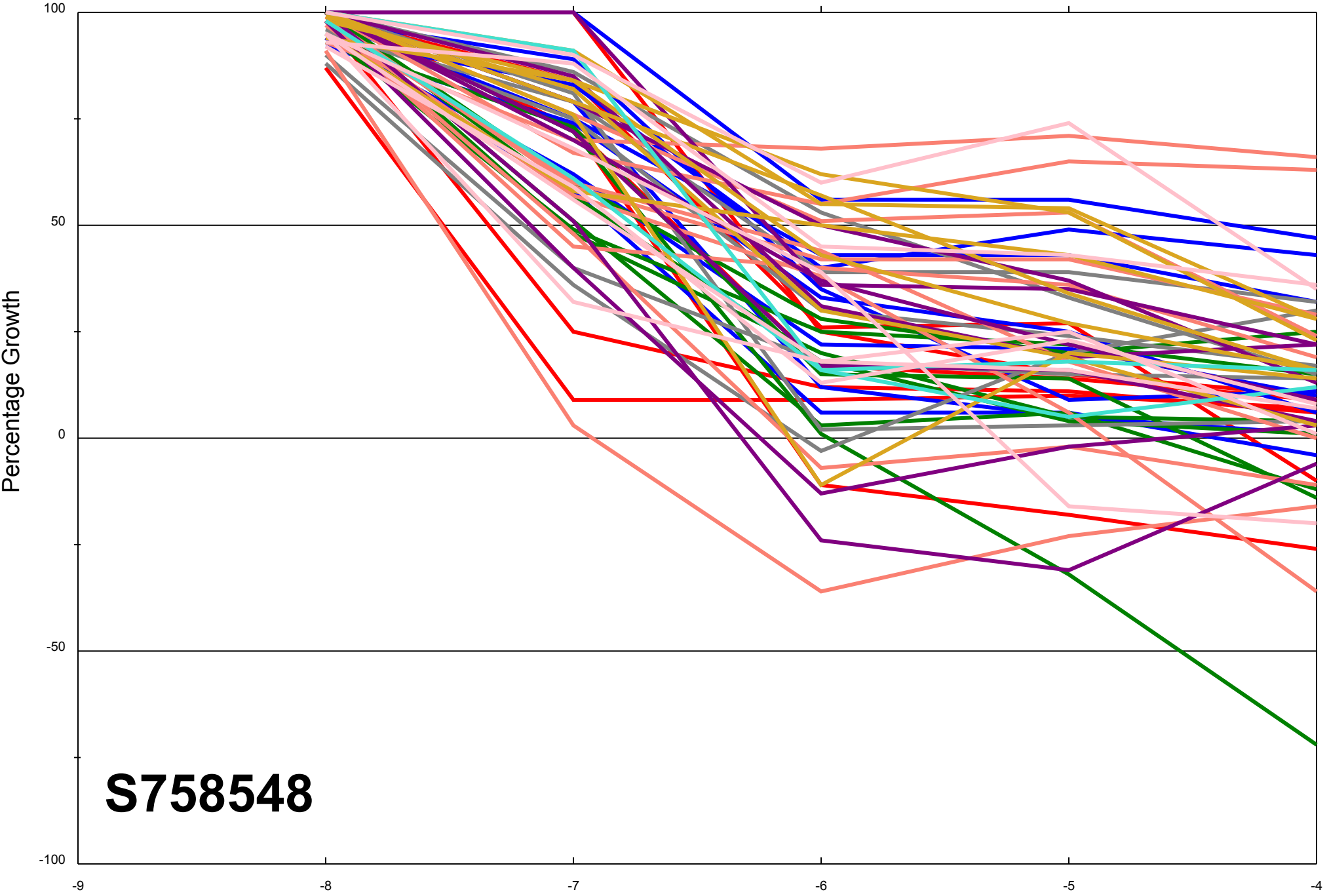


Dose Response Curves

Report Date:December 07, 2011

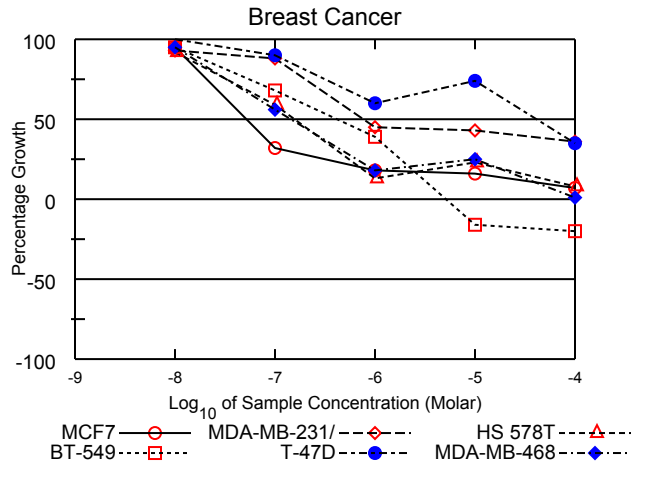
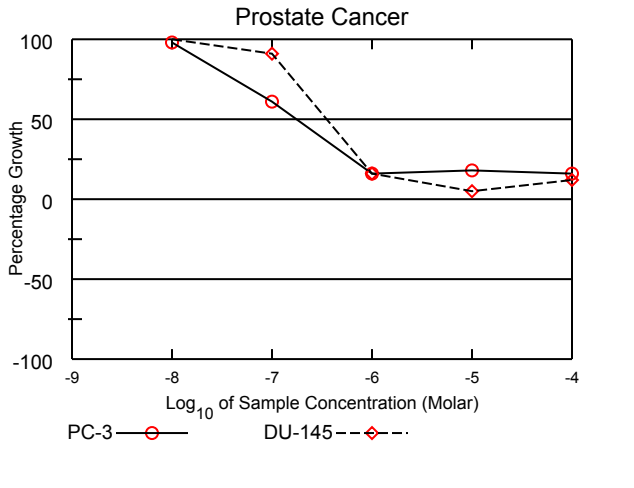
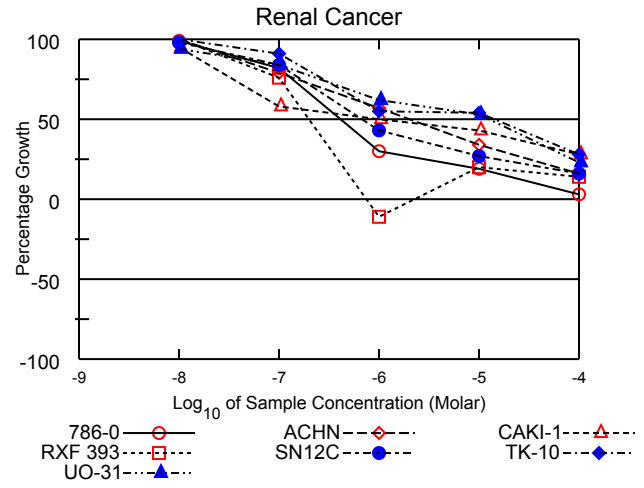
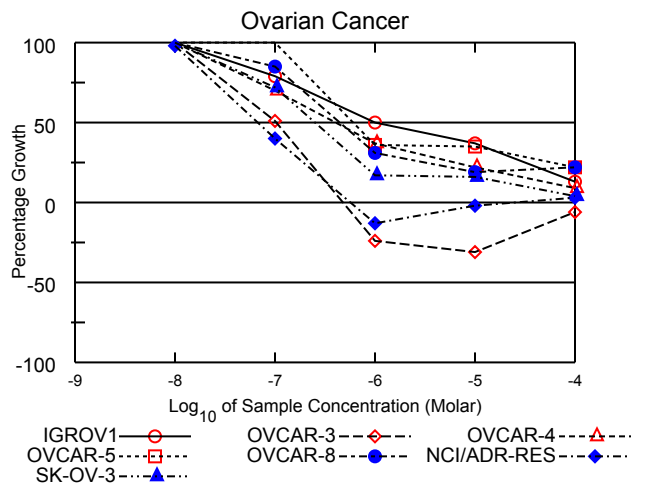
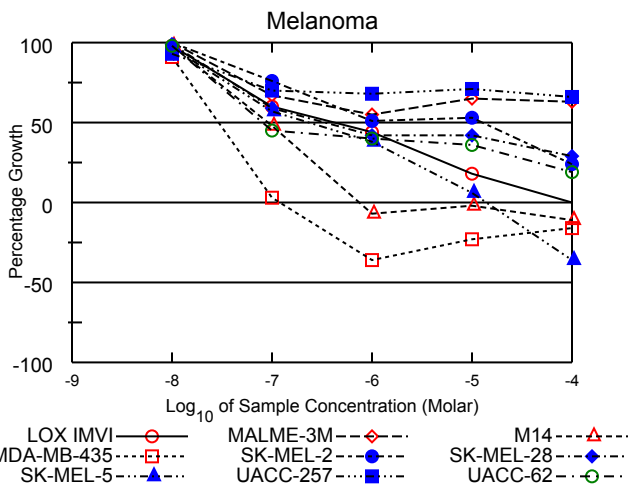
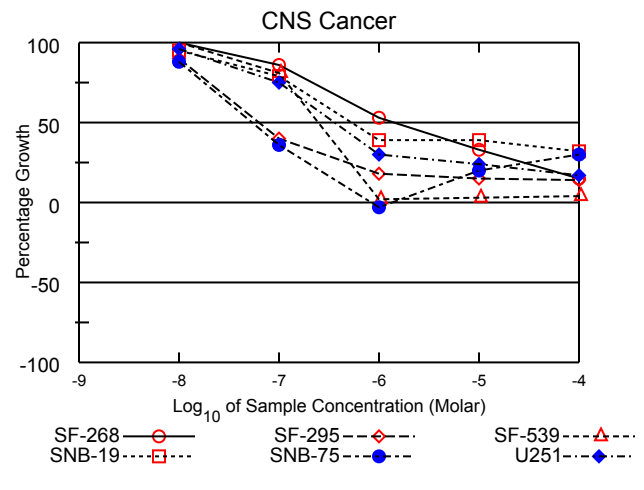
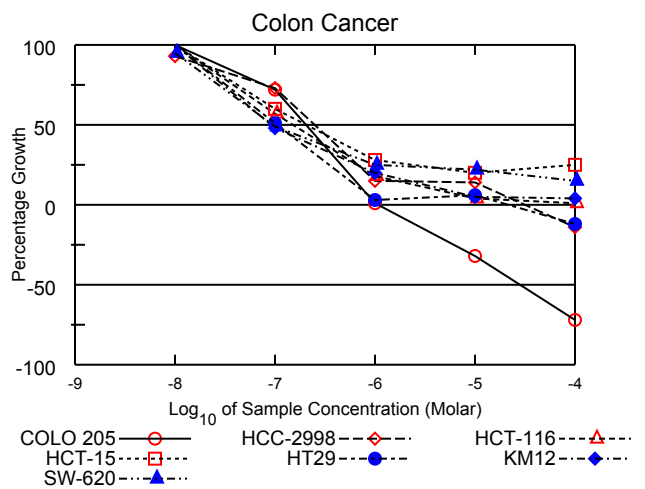
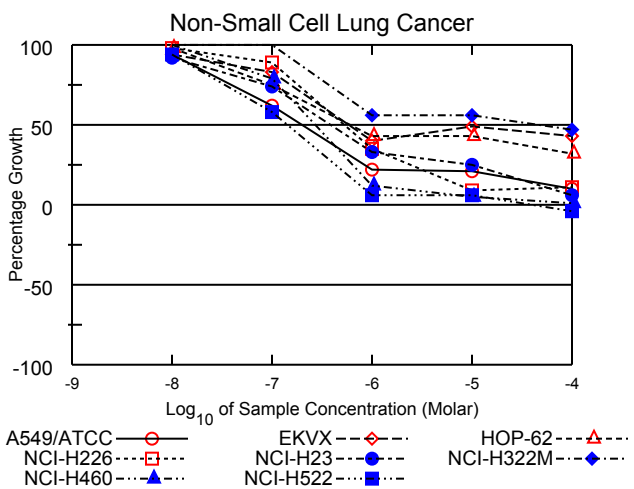
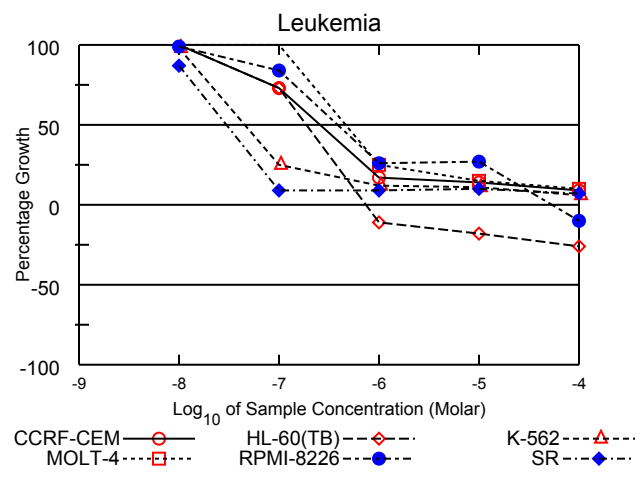
Test Date:August 29, 2011

All Cell Lines



**S758548**

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



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

NSC : 758548 / 1	Experiment ID : 1108RS14	Test Type : 08	Units : Molar
Report Date : December 07, 2011	Test Date : August 29, 2011	QNS :	MC :
COMI : A4536/0194170 (105301)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50	
	Time Zero	Mean Optical Densities						Percent Growth								
		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	0.553	1.760	1.773	1.435	0.753	0.723	0.657	101	73	17	14	9	2.56E-7	> 1.00E-4	> 1.00E-4	
HL-60(TB)	0.793	2.561	2.600	2.084	0.707	0.649	0.588	102	73	-11	-18	-26	1.88E-7	> 7.42E-7	> 1.00E-4	
K-562	0.213	1.655	1.629	0.576	0.388	0.378	0.301	98	25	12	11	6	4.57E-8	> 1.00E-4	> 1.00E-4	
MOLT-4	0.528	1.853	1.918	1.884	0.861	0.731	0.666	105	102	25	15	10	4.76E-7	> 1.00E-4	> 1.00E-4	
RPMI-8226	0.970	2.225	2.214	2.030	1.301	1.308	0.869	99	84	26	27	-10	3.92E-7	5.25E-5	> 1.00E-4	
SR	0.302	1.260	1.134	0.385	0.385	0.400	0.372	87	9	9	10	7	2.95E-8	> 1.00E-4	> 1.00E-4	
<b>Non-Small Cell Lung Cancer</b>																
A549/ATCC	0.320	1.617	1.536	1.120	0.604	0.591	0.452	94	62	22	21	10	1.96E-7	> 1.00E-4	> 1.00E-4	
EKVX	0.621	1.740	1.671	1.555	1.064	1.172	1.105	94	83	40	49	43	5.78E-7	> 1.00E-4	> 1.00E-4	
HOP-62	0.390	1.174	1.161	0.977	0.729	0.723	0.642	98	75	43	43	32	6.12E-7	> 1.00E-4	> 1.00E-4	
NCI-H226	0.775	1.824	1.802	1.713	1.137	0.872	0.890	98	89	35	9	11	5.23E-7	> 1.00E-4	> 1.00E-4	
NCI-H23	0.531	1.471	1.401	1.230	0.843	0.765	0.589	92	74	33	25	6	3.90E-7	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.695	1.795	1.813	1.802	1.315	1.315	1.215	102	101	56	56	47	4.95E-5	> 1.00E-4	> 1.00E-4	
NCI-H460	0.228	2.284	2.303	1.845	0.475	0.339	0.247	101	79	12	5	1	2.69E-7	> 1.00E-4	> 1.00E-4	
NCI-H522	0.816	1.591	1.542	1.266	0.864	0.863	0.781	94	58	6	6	-4	1.43E-7	3.82E-5	> 1.00E-4	
<b>Colon Cancer</b>																
COLO 205	0.277	1.232	1.306	0.969	0.286	0.188	0.077	108	72	1	-32	-72	2.06E-7	1.07E-6	2.79E-5	
HCC-2998	0.476	1.546	1.469	1.261	0.636	0.631	0.412	93	73	15	14	-14	2.51E-7	3.28E-5	> 1.00E-4	
HCT-116	0.167	1.244	1.248	0.776	0.356	0.206	0.175	100	57	18	4	1	1.47E-7	> 1.00E-4	> 1.00E-4	
HCT-15	0.319	1.569	1.566	1.075	0.674	0.567	0.631	100	60	28	20	25	2.12E-7	> 1.00E-4	> 1.00E-4	
HT29	0.171	0.842	0.866	0.515	0.192	0.208	0.150	104	51	3	6	-12	1.06E-7	2.04E-5	> 1.00E-4	
KM12	0.380	2.219	2.212	1.269	0.747	0.475	0.448	100	48	20	5	4	9.27E-8	> 1.00E-4	> 1.00E-4	
SW-620	0.207	1.671	1.593	0.930	0.575	0.531	0.423	95	49	25	22	15	9.68E-8	> 1.00E-4	> 1.00E-4	
<b>CNS Cancer</b>																
SF-268	0.378	1.450	1.480	1.302	0.950	0.734	0.536	103	86	53	33	15	1.46E-6	> 1.00E-4	> 1.00E-4	
SF-295	0.643	2.425	2.240	1.351	0.971	0.916	0.893	90	40	18	15	14	6.23E-8	> 1.00E-4	> 1.00E-4	
SF-539	0.631	1.773	1.797	1.555	0.651	0.662	0.671	102	81	2	3	4	2.46E-7	> 1.00E-4	> 1.00E-4	
SNB-19	0.538	1.798	1.733	1.529	1.027	1.035	0.938	95	79	39	39	32	5.23E-7	> 1.00E-4	> 1.00E-4	
SNB-75	0.946	1.702	1.613	1.222	0.922	1.096	1.169	88	36	-3	20	30	5.47E-8	.	> 1.00E-4	
U251	0.421	1.841	1.790	1.485	0.844	0.761	0.664	96	75	30	24	17	3.56E-7	> 1.00E-4	> 1.00E-4	
<b>Melanoma</b>																
LOX IMVI	0.334	1.774	1.744	1.191	0.968	0.598	0.337	98	60	44	18	.	4.13E-7	> 1.00E-4	> 1.00E-4	
MALME-3M	0.504	1.248	1.258	1.002	0.914	0.989	0.976	101	67	55	65	63	> 1.00E-4	> 1.00E-4	> 1.00E-4	
M14	0.359	1.178	1.164	0.749	0.334	0.351	0.321	98	48	-7	-2	-11	8.96E-8	7.45E-7	> 1.00E-4	
MDA-MB-435	0.454	2.019	1.873	0.501	0.292	0.348	0.382	91	3	-36	-23	-16	2.91E-8	1.20E-7	> 1.00E-4	
SK-MEL-2	0.883	1.516	1.562	1.366	1.204	1.217	1.038	107	76	51	53	24	1.24E-5	> 1.00E-4	> 1.00E-4	
SK-MEL-28	0.508	1.336	1.329	0.997	0.857	0.860	0.749	99	59	42	42	29	3.41E-7	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.474	2.670	2.601	1.733	1.312	0.612	0.306	97	57	38	6	-36	2.41E-7	1.41E-5	> 1.00E-4	
UACC-257	0.806	1.876	1.797	1.555	1.536	1.566	1.509	93	70	68	71	66	> 1.00E-4	> 1.00E-4	> 1.00E-4	
UACC-62	0.730	2.256	2.224	1.415	1.336	1.280	1.016	98	45	40	36	19	8.00E-8	> 1.00E-4	> 1.00E-4	
<b>Ovarian Cancer</b>																
IGROV1	0.490	1.907	1.950	1.614	1.202	1.016	0.672	103	79	50	37	13	1.05E-6	> 1.00E-4	> 1.00E-4	
OVCAR-3	0.439	1.554	1.638	1.008	0.334	0.305	0.414	108	51	-24	-31	-6	1.03E-7	4.80E-7	> 1.00E-4	
OVCAR-4	0.554	1.253	1.273	1.041	0.813	0.705	0.619	103	70	37	22	9	4.00E-7	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.497	1.393	1.413	1.392	0.817	0.807	0.692	102	100	36	35	22	5.98E-7	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.321	1.491	1.492	1.316	0.680	0.542	0.584	100	85	31	19	22	4.41E-7	> 1.00E-4	> 1.00E-4	
NCI/ADR-RES	0.478	1.618	1.598	0.931	0.417	0.468	0.516	98	40	-13	-2	3	6.67E-8	.	> 1.00E-4	
SK-OV-3	0.444	1.270	1.285	1.035	0.585	0.575	0.480	102	72	17	16	4	2.49E-7	> 1.00E-4	> 1.00E-4	
<b>Renal Cancer</b>																
786-0	0.626	2.133	2.112	1.859	1.071	0.909	0.665	99	82	30	19	3	4.06E-7	> 1.00E-4	> 1.00E-4	
ACHN	0.380	1.452	1.478	1.224	0.991	0.742	0.548	102	79	57	34	16	2.00E-6	> 1.00E-4	> 1.00E-4	
CAKI-1	0.601	2.319	2.227	1.593	1.463	1.348	1.077	95	58	50	43	28	1.06E-6	> 1.00E-4	> 1.00E-4	
RXF 393	0.635	1.143	1.157	1.019	0.566	0.737	0.707	103	76	-11	20	14	1.98E-7	.	> 1.00E-4	
SN12C	0.497	2.137	2.105	1.871	1.196	0.940	0.761	98	84	43	27	16	6.62E-7	> 1.00E-4	> 1.00E-4	
TK-10	0.557	1.338	1.394	1.265	0.985	0.980	0.779	107	91	55	54	28	1.45E-5	> 1.00E-4	> 1.00E-4	
UO-31	0.604	1.772	1.699	1.582	1.333	1.229	0.874	94	84	62	53	23	1.30E-5	> 1.00E-4	> 1.00E-4	
<b>Prostate Cancer</b>																
PC-3	0.452	1.744	1.717	1.245	0.660	0.684	0.654	98	61	16	18	16	1.78E-7	> 1.00E-4	> 1.00E-4	
DU-145	0.242	1.133	1.224	1.057	0.382	0.290	0.345	110	91	16	5	12	3.52E-7	> 1.00E-4	> 1.00E-4	
<b>Breast Cancer</b>																
MCF7	0.357	1.920	1.846	0.852	0.644	0.604	0.471	95	32	18	16	7	5.15E-8	> 1.00E-4	> 1.00E-4	
MDA-MB-231/ATCC	0.618	1.814	1.733	1.669	1.158	1.128	1.052	93	88	45	43	36	7.70E-7	> 1.00E-4	> 1.00E-4	
HS 578T	0.775	1.604	1.538	1.266	0.883	0.962	0.839	92	59	13	23	8	1.59E-7	> 1.00E-4	> 1.00E-4	
BT-549	0.850	1.642	1.602	1.390	1.163	0.714	0.684	95	68	39	-16	-20	4.29E-7	5.15E-6	> 1.00E-4	
T-47D	0.377	0.898	0.928	0.844	0.688	0.761	0.559	106	90	60	74	35	4.08E-5	> 1.00E-4	> 1.00E-4	
MDA-MB-468	0.571	1.144	1.115	0.892	0.675	0.717	0.574	95	56	18	25	1	1.43E-7	> 1.00E-4	> 1.00E-4	

Mean Graphs

Report Date :December 07, 2011

Test Date :August 29, 2011

