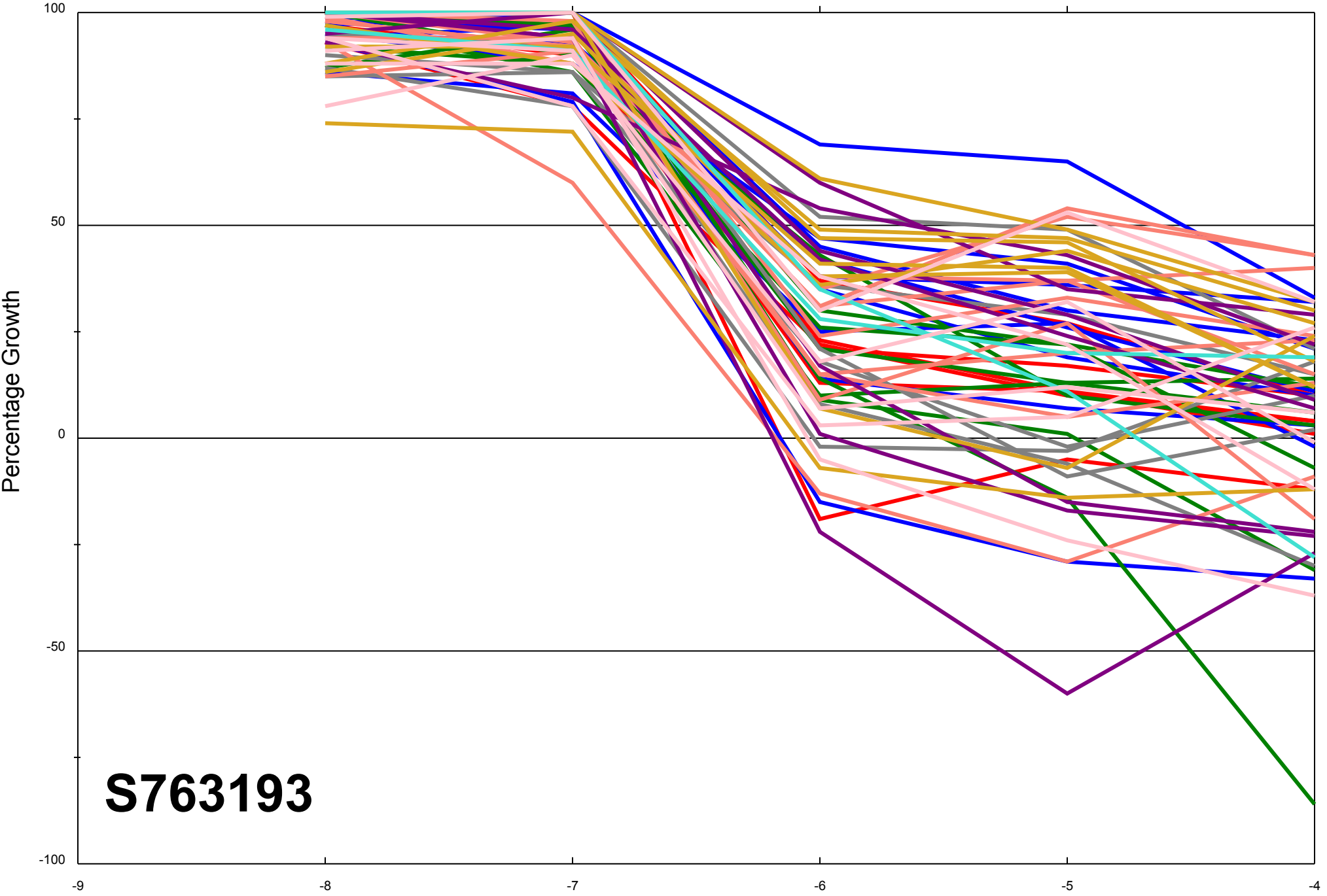


Dose Response Curves

Report Date:April 19, 2012

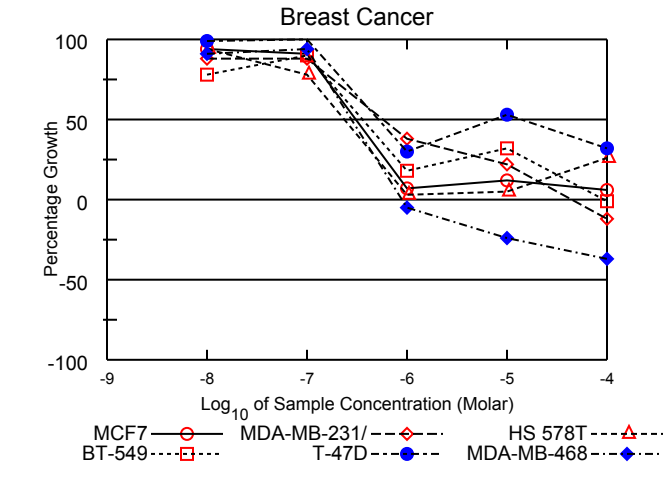
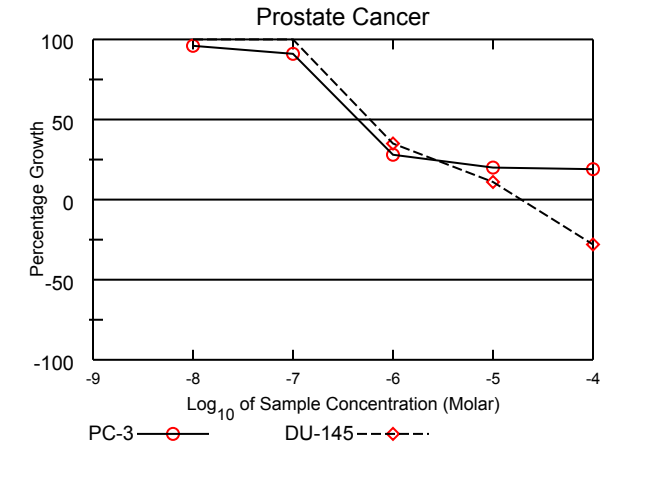
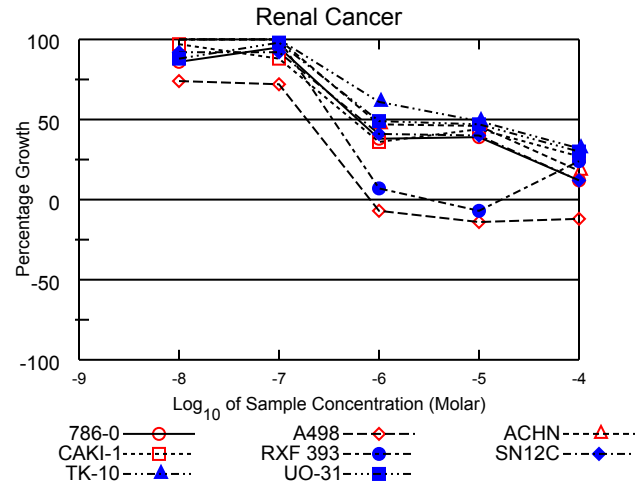
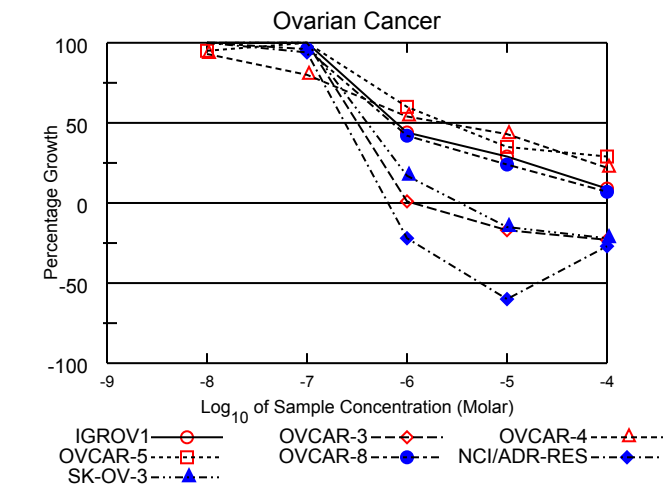
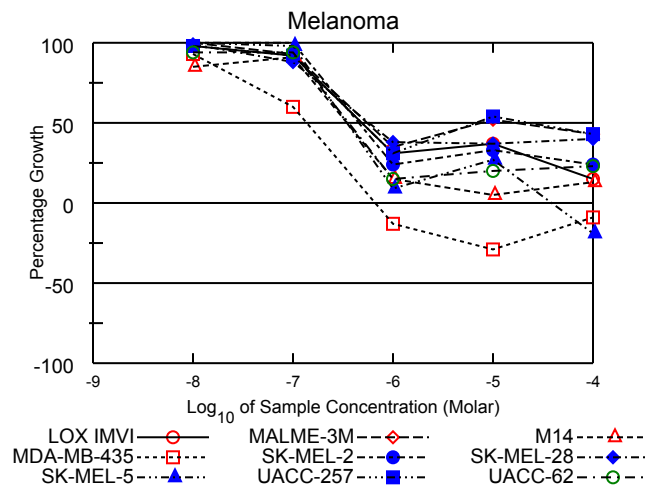
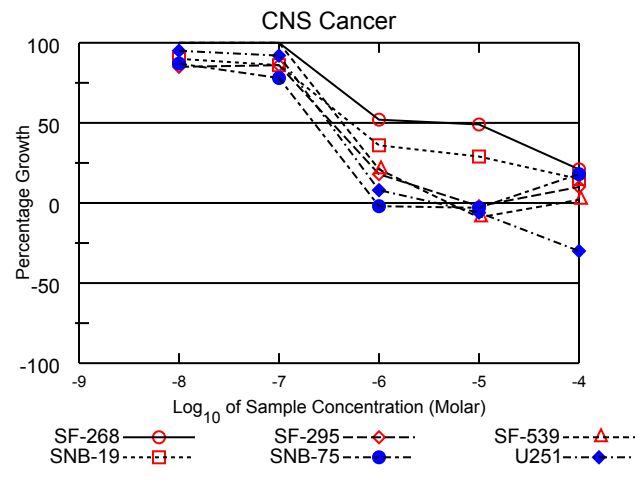
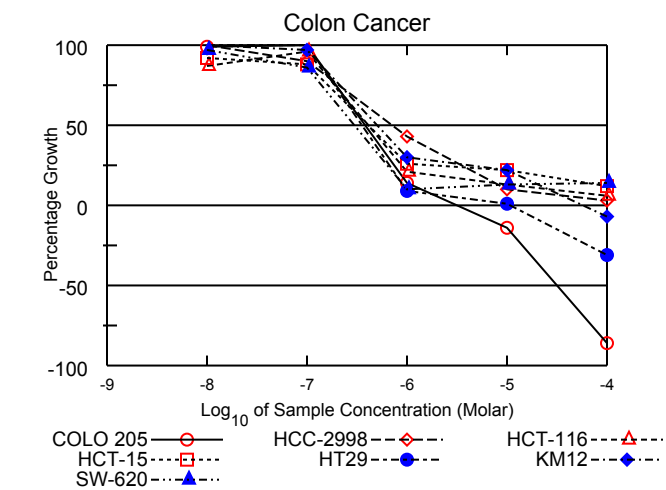
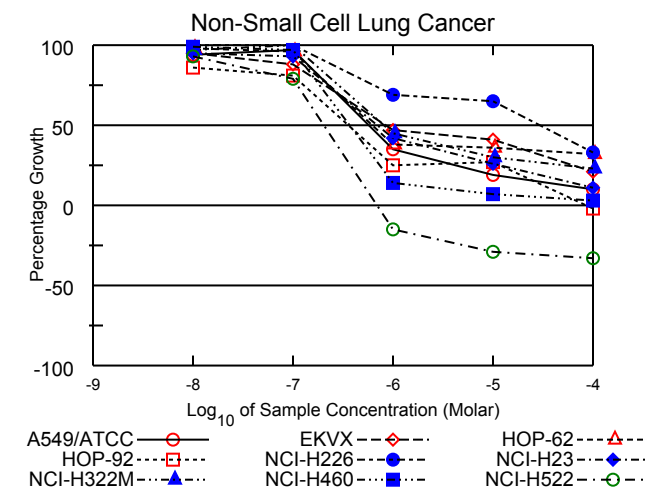
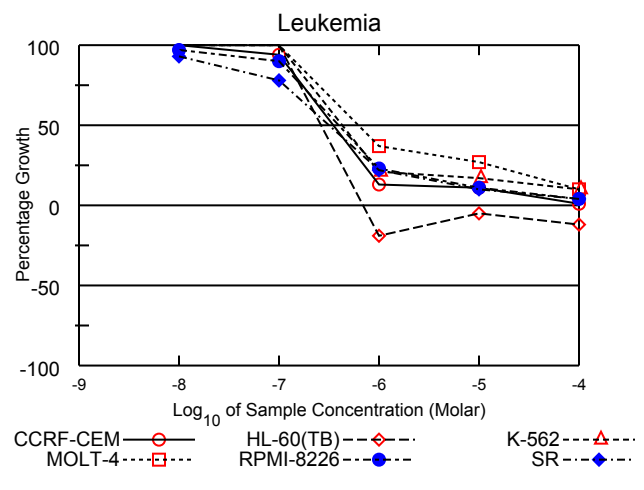
Test Date:February 06, 2012

All Cell Lines



**S763193**

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



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

NSC : 763193 / 1	Experiment ID : 1202NS06	Test Type : 08	Units : Molar
Report Date : April 19, 2012	Test Date : February 06, 2012	QNS :	MC :
COMI : A1939/0081534 (114208)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration											GI50	TGI	LC50			
	Time		Mean Optical Densities						Percent Growth								
	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	0.645	2.002	2.042	1.917	0.822	0.793	0.657	103	94	13	11	1	3.48E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HL-60(TB)	0.983	2.213	2.441	2.617	0.792	0.938	0.867	119	133	-19	-5	-12	3.50E-7	> 7.45E-7	> 1.00E-4	> 1.00E-4	
K-562	0.271	1.525	1.563	1.519	0.536	0.481	0.392	103	100	21	17	10	4.28E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
MOLT-4	0.737	2.162	2.181	2.253	1.264	1.116	0.884	101	106	37	27	10	6.49E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
RPMI-8226	1.142	2.781	2.725	2.618	1.526	1.324	1.207	97	90	23	11	4	3.99E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SR	0.496	1.505	1.431	1.279	0.717	0.600	0.533	93	78	22	10	4	3.13E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
<b>Non-Small Cell Lung Cancer</b>																	
A549/ATCC	0.315	1.329	1.270	1.301	0.670	0.503	0.413	94	97	35	19	10	5.74E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
EKVX	0.799	1.629	1.590	1.527	1.191	1.142	0.975	95	88	47	41	21	8.54E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HOP-62	0.422	1.020	1.010	0.995	0.651	0.636	0.613	98	96	38	36	32	6.25E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HOP-92	1.041	1.505	1.439	1.419	1.155	1.167	1.018	86	81	25	27	-2	3.56E-7	8.41E-5	> 1.00E-4	> 1.00E-4	
NCI-H226	0.716	1.667	1.665	1.689	1.376	1.338	1.030	100	102	69	65	33	2.99E-5	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H23	0.547	1.643	1.588	1.566	1.003	0.834	0.667	95	93	42	26	11	6.85E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.759	1.731	1.703	1.732	1.197	1.052	0.986	97	100	45	30	23	8.14E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H460	0.275	2.273	2.245	2.206	0.552	0.422	0.334	99	97	14	7	3	3.66E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H522	0.691	1.530	1.471	1.351	0.585	0.491	0.462	93	79	-15	-29	-33	2.02E-7	6.86E-7	> 1.00E-4	> 1.00E-4	
<b>Colon Cancer</b>																	
COLO 205	0.335	1.207	1.201	1.213	0.453	0.287	0.048	99	101	14	-14	-86	3.81E-7	3.06E-6		3.16E-5	
HCC-2998	0.457	1.633	1.676	1.515	0.962	0.570	0.493	104	90	43	10	3	7.09E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HCT-116	0.169	1.477	1.304	1.423	0.446	0.335	0.249	87	96	21	13	6	4.11E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HCT-15	0.211	1.367	1.270	1.224	0.515	0.470	0.352	92	88	26	22	12	4.11E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HT29	0.199	1.049	1.100	1.097	0.275	0.210	0.137	106	106	9	1	-31	3.76E-7	1.10E-5	> 1.00E-4	> 1.00E-4	
KM12	0.448	1.869	1.889	1.830	0.879	0.755	0.415	101	97	30	22	-7	5.08E-7	5.53E-5	> 1.00E-4	> 1.00E-4	
SW-620	0.205	1.202	1.176	1.063	0.304	0.331	0.341	97	86	10	13	14	2.97E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
<b>CNS Cancer</b>																	
SF-268	0.554	1.657	1.665	1.656	1.124	1.092	0.784	101	100	52	49	21	3.72E-6	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SF-295	0.857	2.363	2.145	2.146	1.122	0.840	1.007	85	86	18	-2	10	3.33E-7	.	.	> 1.00E-4	
SF-539	0.739	1.933	1.986	2.024	0.988	0.673	0.764	104	108	21	-9	2	4.61E-7	.	.	> 1.00E-4	
SNB-19	0.598	1.765	1.647	1.598	1.017	0.934	0.772	90	86	36	29	15	5.21E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SNB-75	0.674	1.329	1.245	1.184	0.664	0.656	0.794	87	78	-2	-3	18	2.24E-7	.	.	> 1.00E-4	
U251	0.288	1.072	1.036	1.013	0.348	0.270	0.203	95	92	8	-6	-30	3.16E-7	3.48E-6	.	> 1.00E-4	
<b>Melanoma</b>																	
LOX IMVI	0.228	1.894	1.865	1.762	0.751	0.845	0.476	98	92	31	37	15	4.94E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
MALME-3M	0.623	1.019	1.024	0.992	0.763	0.830	0.792	101	93	35	52	43	.	> 1.00E-4	> 1.00E-4	> 1.00E-4	
M14	0.381	1.589	1.407	1.486	0.567	0.446	0.543	85	91	15	5	13	3.51E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
MDA-MB-435	0.471	2.130	2.016	1.467	0.412	0.335	0.429	93	60	-13	-29	-9	1.38E-7	6.72E-7	> 1.00E-4	> 1.00E-4	
SK-MEL-2	0.934	1.750	1.811	1.813	1.133	1.200	1.126	108	108	24	33	24	4.93E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SK-MEL-28	0.533	1.422	1.412	1.312	0.874	0.862	0.889	99	88	38	37	40	5.79E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.515	2.311	2.390	2.282	0.674	0.996	0.416	104	98	9	27	-19	3.47E-7	3.82E-5	> 1.00E-4	> 1.00E-4	
UACC-257	0.687	1.353	1.339	1.301	0.896	1.049	0.974	98	92	31	54	43	.	> 1.00E-4	> 1.00E-4	> 1.00E-4	
UACC-62	0.806	2.137	2.063	2.057	1.010	1.070	1.113	94	94	15	20	23	3.62E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
<b>Ovarian Cancer</b>																	
IGROV1	0.636	1.723	1.835	1.780	1.112	0.954	0.739	110	105	44	29	9	7.92E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
OVCAR-3	0.467	1.372	1.465	1.442	0.473	0.388	0.361	110	108	1	-17	-23	3.46E-7	1.09E-6	.	> 1.00E-4	
OVCAR-4	0.569	0.998	0.970	0.915	0.799	0.755	0.666	93	80	54	43	22	2.24E-6	> 1.00E-4	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.706	1.761	1.706	1.767	1.339	1.071	1.010	95	101	60	35	29	2.47E-6	> 1.00E-4	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.476	1.730	1.743	1.683	0.997	0.771	0.561	101	96	42	24	7	7.01E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI/ADR-RES	0.446	1.513	1.513	1.446	0.350	0.179	0.324	100	94	-22	-60	-27	2.40E-7	6.51E-7	.	.	
SK-OV-3	0.502	1.206	1.226	1.210	0.622	0.429	0.391	103	101	17	-15	-22	4.03E-7	3.44E-6	.	> 1.00E-4	
<b>Renal Cancer</b>																	
786-0	0.623	2.335	2.100	2.255	1.281	1.298	0.823	86	95	38	39	12	6.26E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
A498	1.194	1.867	1.695	1.680	1.116	1.032	1.052	74	72	-7	-14	-12	1.91E-7	8.25E-7	.	> 1.00E-4	
ACHN	0.399	1.526	1.555	1.530	0.929	0.923	0.602	103	100	47	46	18	8.78E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
CAKI-1	0.861	2.329	2.284	2.159	1.385	1.514	1.252	97	88	36	44	27	5.35E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
RXF 393	0.572	1.087	1.092	1.099	0.610	0.534	0.698	101	102	7	-7	24	3.55E-7	.	.	> 1.00E-4	
SN12C	0.644	2.165	2.047	2.042	1.275	1.251	0.831	92	92	41	40	12	6.78E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
TK-10	0.689	1.482	1.524	1.508	1.173	1.078	0.941	105	103	61	49	32	8.25E-6	> 1.00E-4	> 1.00E-4	> 1.00E-4	
UO-31	0.694	1.579	1.470	1.564	1.129	1.114	0.959	88	98	49	47	30	9.59E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
<b>Prostate Cancer</b>																	
PC-3	0.509	1.767	1.712	1.652	0.859	0.765	0.744	96	91	28	20	19	4.44E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
DU-145	0.366	1.232	1.290	1.314	0.668	0.458	0.265	107	109	35	11	-28	6.27E-7	1.89E-5	.	> 1.00E-4	
<b>Breast Cancer</b>																	
MCF7	0.294	1.473	1.408	1.370	0.375	0.436	0.360	94	91	7	12	6	3.08E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
MDA-MB-231/ATCC	0.581	1.327	1.241	1.239	0.868	0.748	0.512	88	88	38	22	-12	5.84E-7	4.50E-5	.	> 1.00E-4	
HS 578T	0.851	1.663	1.615	1.483	0.873	0.889	1.063	94	78	3	5	26	2.35E-7	> 1.00E-4	> 1.00E-4	> 1.00E-4	
BT-549	0.732	1.568	1.387	1.485	0.88												

Mean Graphs

Report Date :April 19, 2012

Test Date :February 06, 2012

