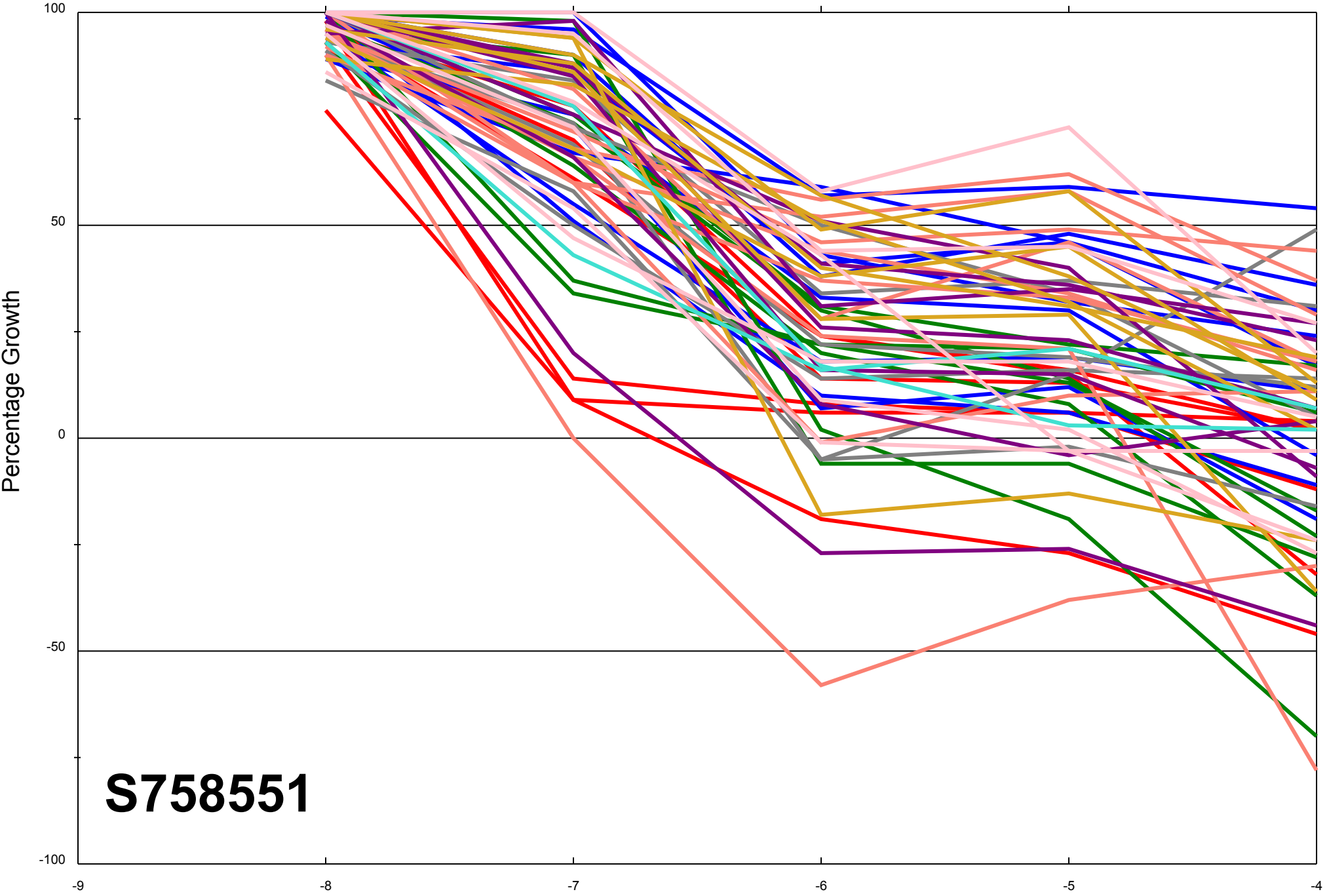


Dose Response Curves

Report Date:December 07, 2011

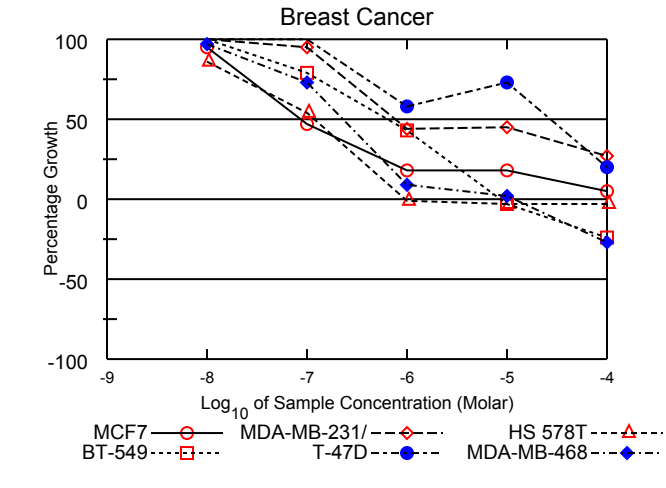
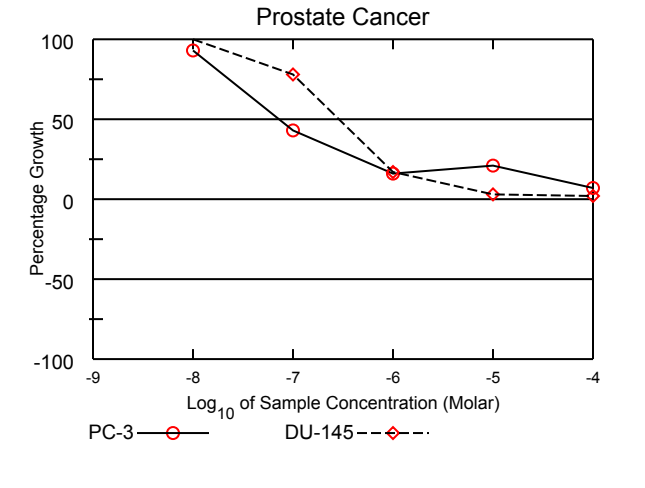
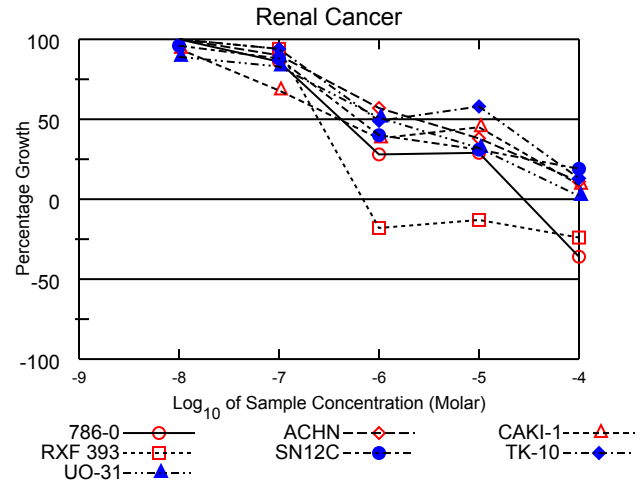
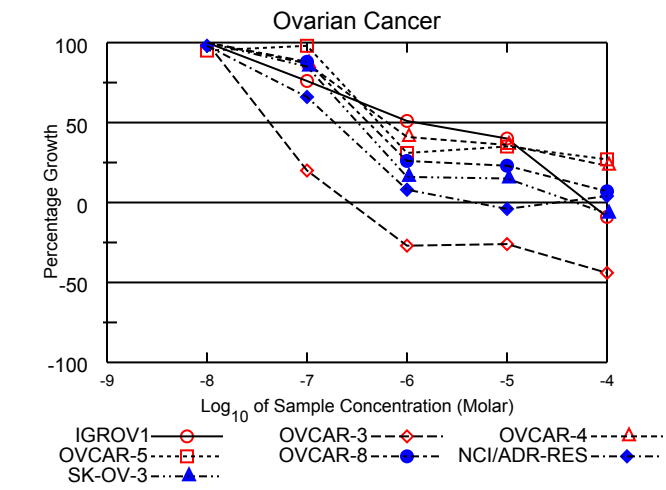
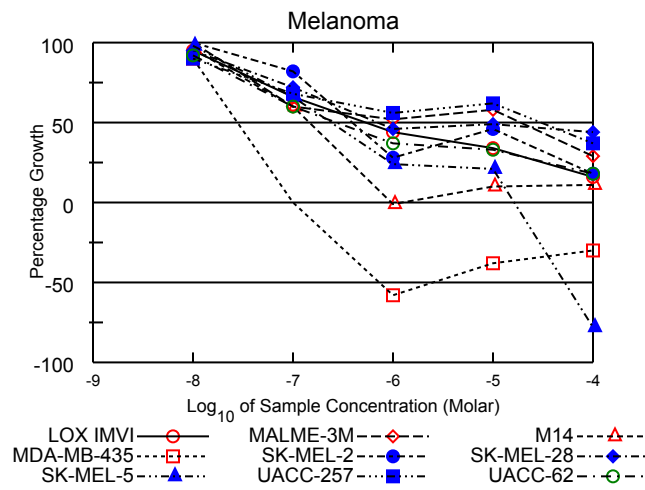
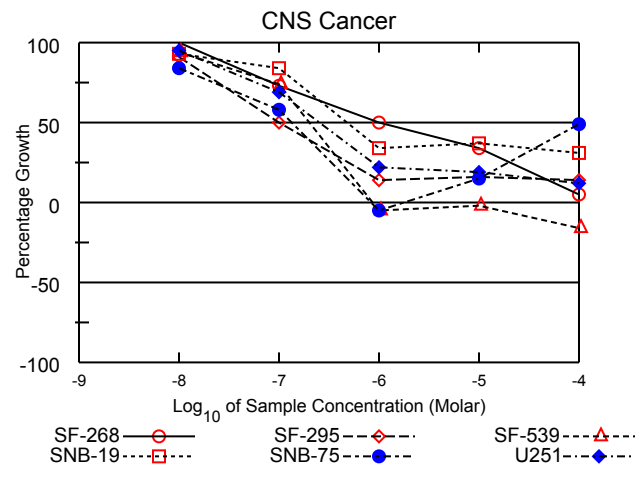
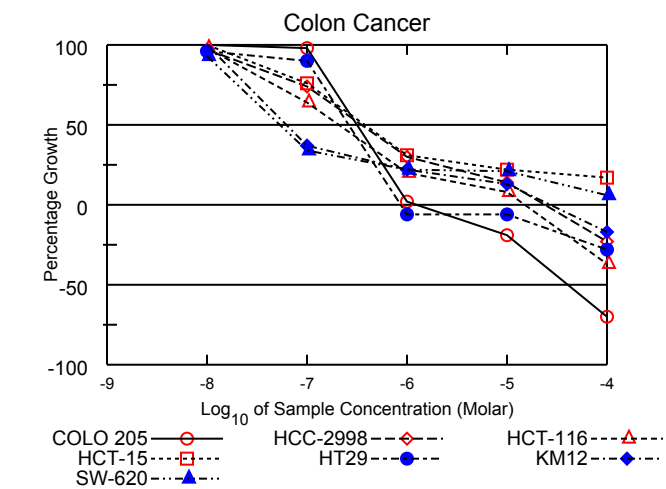
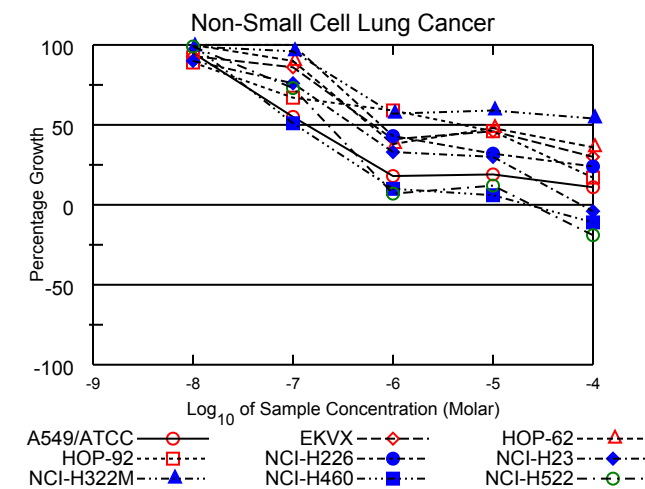
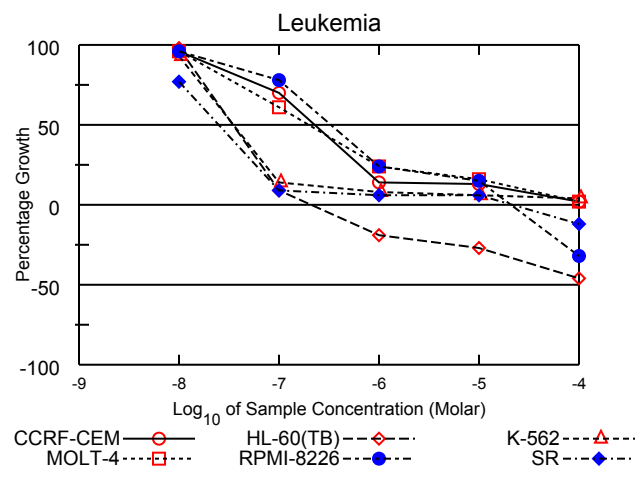
Test Date:August 29, 2011

All Cell Lines



S758551

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758551 / 1	Experiment ID : 1108RS14	Test Type : 08	Units : Molar
Report Date : December 07, 2011	Test Date : August 29, 2011	QNS :	MC :
COMI : A4563/0195174 (105304)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Log10 Concentration																
Panel/Cell Line	Time Zero	Mean Optical Densities						Percent Growth						GI50	TGI	LC50
		Ctrl	-8.0	-7.0	-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0				
Leukemia																
CCRF-CEM	0.553	1.971	1.912	1.539	0.750	0.743	0.577	96	70	14	13	2	2.24E-7	> 1.00E-4	> 1.00E-4	
HL-60(TB)	0.793	2.341	2.303	0.927	0.641	0.578	0.429	98	9	-19	-27	-46	3.43E-8	2.04E-7	> 1.00E-4	
K-562	0.213	1.568	1.479	0.409	0.321	0.294	0.262	93	14	8	6	4	3.55E-8	> 1.00E-4	> 1.00E-4	
MOLT-4	0.528	1.854	1.806	1.332	0.850	0.737	0.551	96	61	24	16	2	1.96E-7	> 1.00E-4	> 1.00E-4	
RPMI-8226	0.970	2.278	2.231	1.997	1.286	1.162	0.656	96	78	24	15	-32	3.35E-7	2.05E-5	> 1.00E-4	
SR	0.302	1.152	0.953	0.376	0.353	0.357	0.266	77	9	6	6	-12	2.46E-8	2.25E-5	> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.320	1.442	1.386	0.936	0.517	0.539	0.447	95	55	18	19	11	1.35E-7	> 1.00E-4	> 1.00E-4	
EKVX	0.621	1.648	1.571	1.500	1.043	1.096	0.924	93	86	41	46	30	6.31E-7	> 1.00E-4	> 1.00E-4	
HOP-62	0.390	1.105	1.148	1.032	0.661	0.731	0.644	106	90	38	48	36	5.85E-7	> 1.00E-4	> 1.00E-4	
HOP-92	0.929	1.385	1.335	1.235	1.196	1.137	1.005	89	67	59	46	17	4.54E-6	> 1.00E-4	> 1.00E-4	
NCI-H226	0.775	1.855	1.895	1.850	1.235	1.119	1.032	104	100	43	32	24	7.42E-7	> 1.00E-4	> 1.00E-4	
NCI-H23	0.531	1.492	1.397	1.259	0.844	0.816	0.511	90	76	33	30	-4	3.95E-7	7.71E-5	> 1.00E-4	
NCI-H322M	0.695	1.628	1.617	1.589	1.230	1.243	1.200	99	96	57	59	54	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H460	0.228	2.219	2.217	1.252	0.429	0.349	0.202	100	51	10	6	-11	1.08E-7	2.23E-5	> 1.00E-4	
NCI-H522	0.816	1.639	1.627	1.418	0.873	0.914	0.658	99	73	7	12	-19	2.23E-7	2.40E-5	> 1.00E-4	
Colon Cancer																
COLO 205	0.277	1.174	1.211	1.158	0.299	0.225	0.084	104	98	2	-19	-70	3.19E-7	1.30E-6	4.09E-5	
HCC-2998	0.476	1.595	1.562	1.306	0.815	0.635	0.367	97	74	30	14	-23	3.55E-7	2.41E-5	> 1.00E-4	
HCT-116	0.167	1.263	1.238	0.866	0.384	0.256	0.105	98	64	20	8	-37	2.06E-7	1.51E-5	> 1.00E-4	
HCT-15	0.319	1.533	1.552	1.245	0.694	0.588	0.530	102	76	31	22	17	3.79E-7	> 1.00E-4	> 1.00E-4	
HT29	0.171	0.815	0.787	0.751	0.161	0.160	0.123	96	90	-6	-6	-28	2.61E-7	8.69E-7	> 1.00E-4	
KM12	0.380	2.064	2.140	1.000	0.752	0.595	0.314	105	37	22	13	-17	6.38E-8	2.65E-5	> 1.00E-4	
SW-620	0.207	1.603	1.508	0.685	0.518	0.500	0.294	93	34	22	21	6	5.39E-8	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.378	1.360	1.384	1.092	0.869	0.711	0.429	102	73	50	34	5	1.00E-6	> 1.00E-4	> 1.00E-4	
SF-295	0.643	2.381	2.226	1.510	0.882	0.926	0.884	91	50	14	16	14	9.94E-8	> 1.00E-4	> 1.00E-4	
SF-539	0.631	1.829	1.758	1.520	0.600	0.621	0.532	94	74	-5	-2	-16	2.02E-7	8.65E-7	> 1.00E-4	
SNB-19	0.538	1.753	1.669	1.556	0.950	0.991	0.913	93	84	34	37	31	4.75E-7	> 1.00E-4	> 1.00E-4	
SNB-75	0.946	1.833	1.696	1.459	0.902	1.080	1.385	84	58	-5	15	49	1.33E-7	.	> 1.00E-4	
U251	0.421	1.661	1.604	1.276	0.694	0.656	0.575	95	69	22	19	12	2.53E-7	> 1.00E-4	> 1.00E-4	
Melanoma																
LOX IMVI	0.334	1.915	1.840	1.382	1.022	0.879	0.588	95	66	44	34	16	5.19E-7	> 1.00E-4	> 1.00E-4	
MALME-3M	0.504	1.245	1.268	0.952	0.887	0.933	0.721	103	60	52	58	29	1.88E-5	> 1.00E-4	> 1.00E-4	
M14	0.359	1.298	1.262	0.925	0.356	0.451	0.458	96	60	-1	10	11	1.47E-7	.	> 1.00E-4	
MDA-MB-435	0.454	1.905	1.764	0.461	0.189	0.280	0.319	90	.	-58	-38	-30	2.81E-8	1.02E-7	.	
SK-MEL-2	0.883	1.445	1.505	1.344	1.043	1.142	0.986	111	82	28	46	18	3.96E-7	> 1.00E-4	> 1.00E-4	
SK-MEL-28	0.508	1.326	1.289	1.096	0.888	0.908	0.866	95	72	46	49	44	7.24E-7	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.474	2.663	2.630	1.912	1.002	0.933	0.103	98	66	24	21	-78	2.38E-7	1.63E-5	5.19E-5	
UACC-257	0.806	1.755	1.662	1.456	1.338	1.395	1.158	90	68	56	62	37	3.02E-5	> 1.00E-4	> 1.00E-4	
UACC-62	0.730	2.283	2.163	1.655	1.297	1.244	1.012	92	60	37	33	18	2.60E-7	> 1.00E-4	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.490	1.801	1.844	1.486	1.163	1.015	0.445	103	76	51	40	-9	1.31E-6	6.51E-5	> 1.00E-4	
OVCAR-3	0.439	1.440	1.485	0.637	0.320	0.325	0.247	104	20	-27	-26	-44	4.39E-8	2.64E-7	> 1.00E-4	
OVCAR-4	0.554	1.284	1.291	1.188	0.856	0.813	0.723	101	87	41	36	23	6.45E-7	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.497	1.398	1.350	1.380	0.779	0.809	0.745	95	98	31	35	27	5.25E-7	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.321	1.294	1.308	1.179	0.572	0.547	0.394	101	88	26	23	7	4.09E-7	> 1.00E-4	> 1.00E-4	
NCI/ADR-RES	0.478	1.722	1.694	1.302	0.584	0.461	0.525	98	66	8	-4	4	1.91E-7	.	> 1.00E-4	
SK-OV-3	0.444	1.226	1.266	1.112	0.573	0.561	0.413	105	85	16	15	-7	3.26E-7	4.76E-5	> 1.00E-4	
Renal Cancer																
786-0	0.626	2.098	2.150	1.899	1.036	1.051	0.402	104	86	28	29	-36	4.19E-7	2.79E-5	> 1.00E-4	
ACHN	0.380	1.413	1.421	1.307	0.968	0.772	0.495	101	90	57	38	11	2.30E-6	> 1.00E-4	> 1.00E-4	
CAKI-1	0.601	2.121	2.034	1.628	1.174	1.279	0.743	94	68	38	45	9	3.87E-7	> 1.00E-4	> 1.00E-4	
RXF 393	0.635	1.135	1.175	1.104	0.520	0.555	0.483	108	94	-18	-13	-24	2.46E-7	6.89E-7	> 1.00E-4	
SN12C	0.497	1.988	1.929	1.812	1.094	0.964	0.773	96	88	40	31	19	6.20E-7	> 1.00E-4	> 1.00E-4	
TK-10	0.557	1.259	1.275	1.219	0.902	0.965	0.647	102	94	49	58	13	.	> 1.00E-4	> 1.00E-4	
UO-31	0.604	1.707	1.589	1.519	1.168	0.961	0.629	89	83	51	32	2	1.15E-6	> 1.00E-4	> 1.00E-4	
Prostate Cancer																
PC-3	0.452	1.541	1.464	0.926	0.628	0.683	0.532	93	43	16	21	7	7.38E-8	> 1.00E-4	> 1.00E-4	
DU-145	0.242	1.067	1.086	0.888	0.380	0.265	0.262	102	78	17	3	2	2.88E-7	> 1.00E-4	> 1.00E-4	
Breast Cancer																
MCF7	0.357	1.868	1.795	1.067	0.634	0.634	0.436	95	47	18	18	5	8.66E-8	> 1.00E-4	> 1.00E-4	
MDA-MB-231/ATCC	0.618	1.706	1.707	1.651	1.099	1.108	0.911	100	95	44	45	27	7.67E-7	> 1.00E-4	> 1.00E-4	
HS 578T	0.775	1.543	1.438	1.193	0.766	0.753	0.748	86	54	-1	-3	-3	1.20E-7	9.53E-7	> 1.00E-4	
BT-549	0.850	1.689	1.697	1.513	1.214	0.821	0.650	101	79	43	-3	-24	6.50E-7	8.43E-6	> 1.00E-4	
T-47D	0.377	0.860	0.887	0.875	0.656	0.729	0.474	106	103	58	73	20	2.71E-5	> 1.00E-4	> 1.00E-4	
MDA-MB-468	0.571	1.150	1.131	0.994	0.623	0.580	0.415	97	73	9	2	-27	2.28E-7	1.13E-5	> 1.00E-4	

Mean Graphs

Report Date :December 07, 2011

Test Date :August 29, 2011

