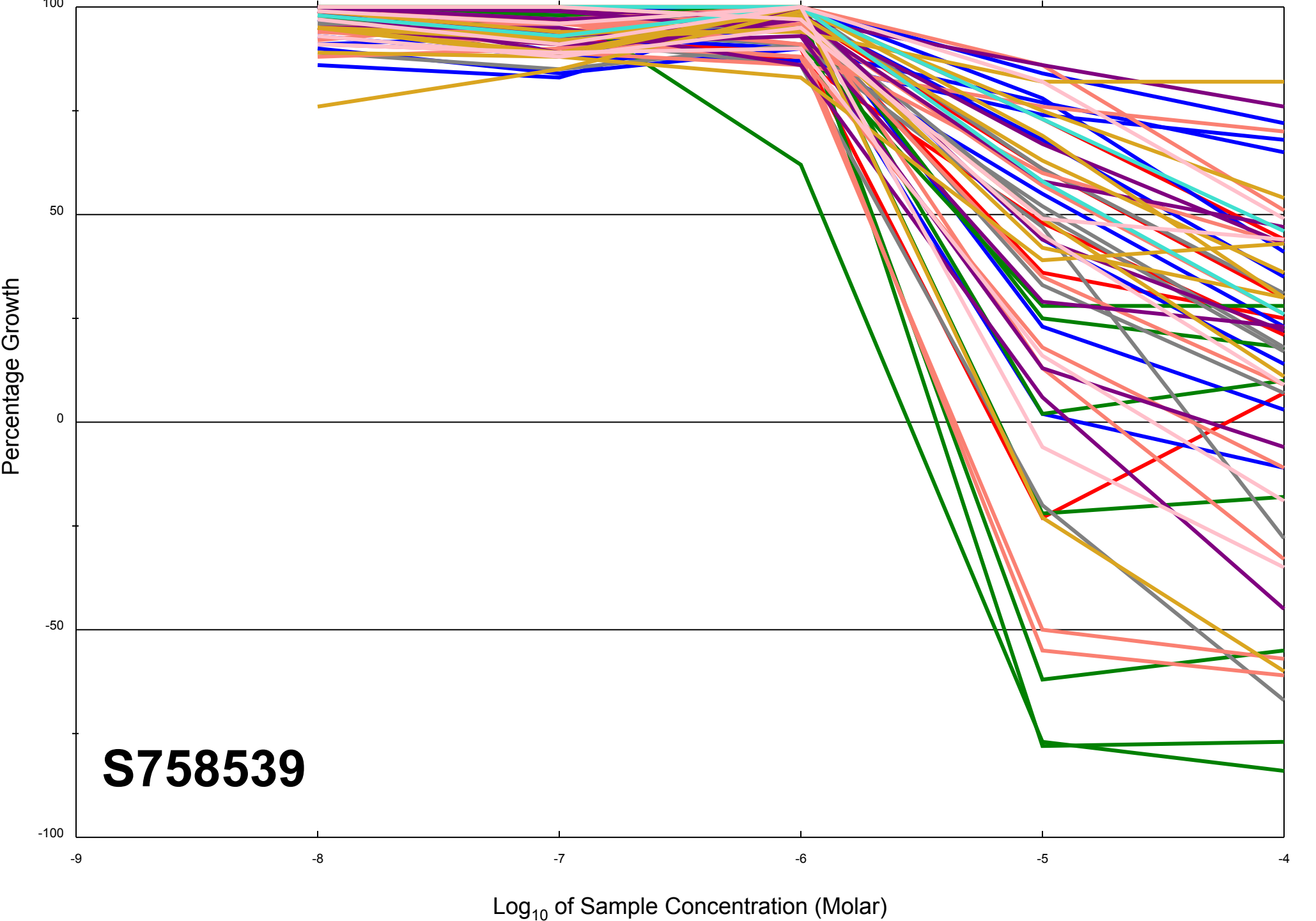


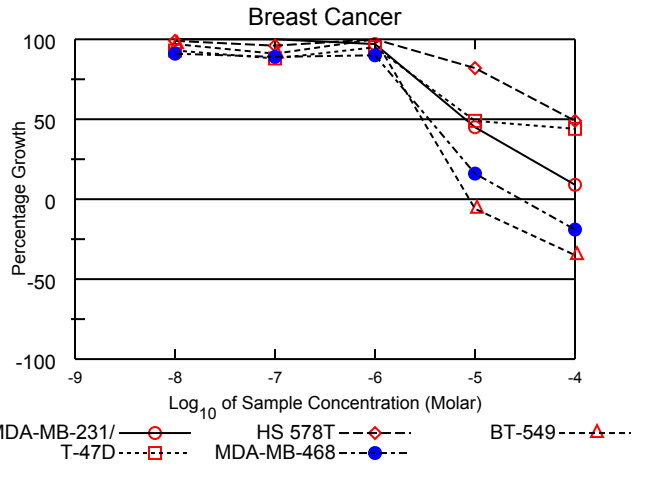
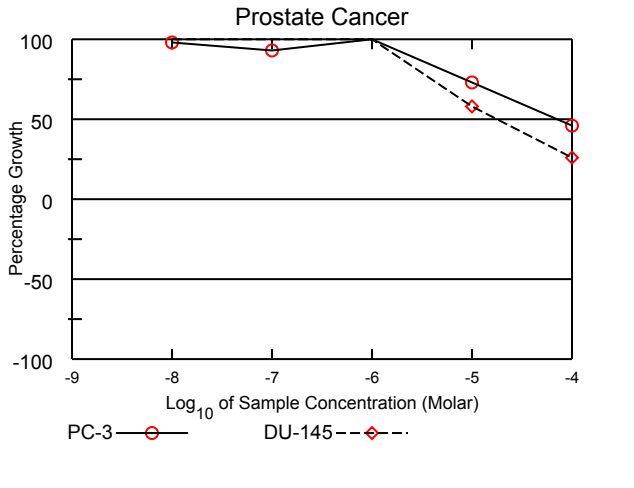
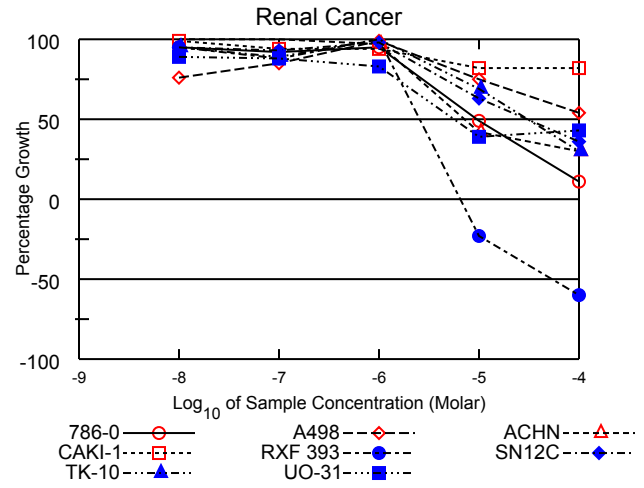
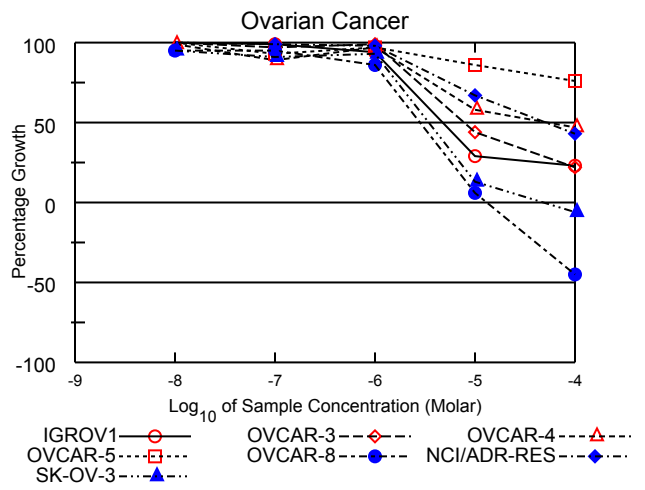
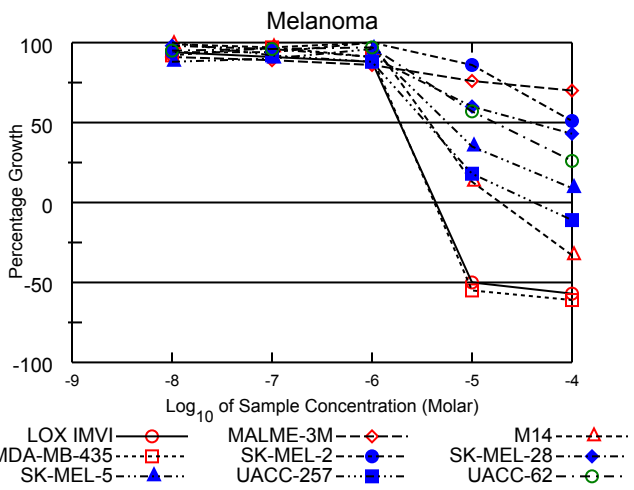
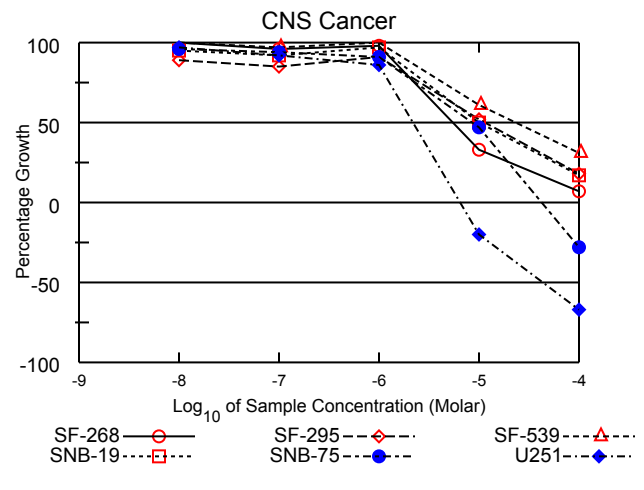
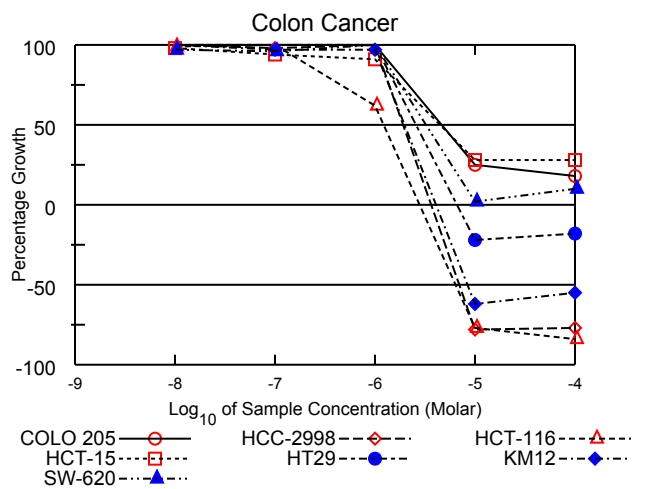
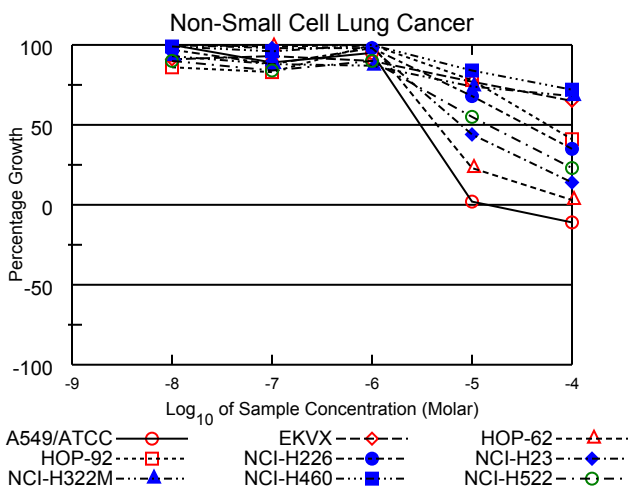
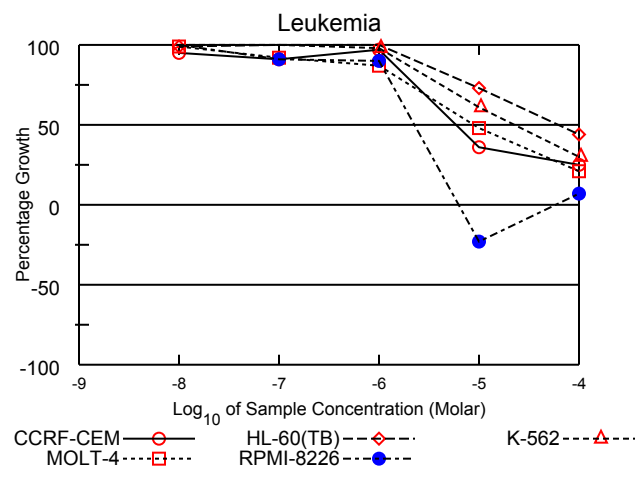
Dose Response Curves

Report Date:December 07, 2011

Test Date:June 13, 2011

All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758539 / 1	Experiment ID : 1106NS64	Test Type : 08	Units : Molar
Report Date : December 07, 2011	Test Date : June 13, 2011	QNS :	MC :
COMI : NMR/20297366 (105031)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50	
	Time Zero	Ctrl	-8.0	-7.0	Mean Optical Densities			Percent Growth								
					-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0				
Leukemia																
CCRF-CEM	0.559	2.428	2.339	2.253	2.365	1.240	1.024	95	91	97	36	25	5.95E-6	> 1.00E-4	> 1.00E-4	
HL-60(TB)	0.931	3.031	3.009	3.077	3.021	2.458	1.863	99	102	100	73	44	6.34E-5	> 1.00E-4	> 1.00E-4	
K-562	0.626	2.805	2.829	2.870	2.754	1.957	1.285	101	103	98	61	30	2.29E-5	> 1.00E-4	> 1.00E-4	
MOLT-4	0.595	2.448	2.433	2.306	2.200	1.489	0.992	99	92	87	48	21	9.00E-6	> 1.00E-4	> 1.00E-4	
RPMI-8226	0.674	2.130	2.179	2.004	1.988	0.520	0.780	103	91	90	-23	7	2.27E-6		> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.268	1.488	1.483	1.355	1.423	0.297	0.239	100	89	95	2	-11	3.05E-6	1.51E-5	> 1.00E-4	
EKVX	0.700	1.558	1.481	1.498	1.474	1.357	1.257	91	93	90	77	65	> 1.00E-4	> 1.00E-4	> 1.00E-4	
HOP-62	0.265	0.817	0.817	0.812	0.820	0.391	0.283	100	99	100	23	3	4.46E-6	> 1.00E-4	> 1.00E-4	
HOP-92	1.078	1.599	1.524	1.509	1.620	1.486	1.294	86	83	104	78	41	5.85E-5	> 1.00E-4	> 1.00E-4	
NCI-H226	0.542	1.185	1.164	1.109	1.169	0.977	0.768	97	88	98	68	35	3.48E-5	> 1.00E-4	> 1.00E-4	
NCI-H23	0.566	1.676	1.672	1.654	1.654	1.053	0.720	100	98	98	44	14	7.70E-6	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.670	1.600	1.531	1.489	1.476	1.355	1.300	93	88	87	74	68	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H460	0.230	2.541	2.527	2.451	2.586	2.169	1.889	99	96	102	84	72	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H522	0.828	1.734	1.640	1.588	1.645	1.328	1.040	90	84	90	55	23	1.45E-5	> 1.00E-4	> 1.00E-4	
Colon Cancer																
COLO 205	0.193	0.958	0.984	0.967	0.988	0.387	0.334	103	101	104	25	18	4.86E-6	> 1.00E-4	> 1.00E-4	
HCC-2998	0.671	2.215	2.214	2.187	2.272	0.149	0.155	100	98	104	-78	-77	1.98E-6	3.73E-6	7.03E-6	
HCT-116	0.201	1.477	1.466	1.486	0.988	0.046	0.033	99	101	62	-77	-84	1.21E-6	2.78E-6	6.36E-6	
HCT-15	0.347	2.180	2.141	2.076	2.007	0.856	0.869	98	94	91	28	28	4.42E-6	> 1.00E-4	> 1.00E-4	
HT29	0.195	1.124	1.151	1.154	1.145	0.153	0.159	103	103	102	-22	-18	2.64E-6	6.70E-6	> 1.00E-4	
KM12	0.356	1.978	1.980	1.931	1.931	0.135	0.159	100	97	97	-62	-55	1.98E-6	4.07E-6	8.38E-6	
SW-620	0.195	1.327	1.292	1.281	1.368	0.220	0.310	97	96	104	2	10	3.38E-6	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.364	1.277	1.279	1.242	1.255	0.667	0.430	100	96	98	33	7	5.47E-6	> 1.00E-4	> 1.00E-4	
SF-295	0.792	2.184	2.027	1.976	2.055	1.514	1.046	89	85	91	52	18	1.13E-5	> 1.00E-4	> 1.00E-4	
SF-539	0.854	2.369	2.436	2.321	2.411	1.774	1.317	104	97	103	61	31	2.26E-5	> 1.00E-4	> 1.00E-4	
SNB-19	0.529	1.504	1.454	1.429	1.479	1.021	0.692	95	92	97	50	17	1.03E-5	> 1.00E-4	> 1.00E-4	
SNB-75	0.598	1.403	1.374	1.353	1.330	0.977	0.432	96	94	91	47	-28	8.55E-6	4.25E-5	> 1.00E-4	
U251	0.309	1.659	1.621	1.546	1.471	0.247	0.102	97	92	86	-20	-67	2.19E-6	6.45E-6	4.31E-5	
Melanoma																
LOX IMVI	0.425	2.293	2.175	2.118	2.071	0.213	0.185	94	91	88	-50	-57	1.89E-6	4.35E-6	1.04E-5	
MALME-3M	0.670	1.638	1.551	1.536	1.502	1.402	1.349	91	89	86	76	70	> 1.00E-4	> 1.00E-4	> 1.00E-4	
M14	0.405	1.456	1.450	1.422	1.525	0.543	0.273	99	97	107	13	-33	4.03E-6	1.94E-5	> 1.00E-4	
MDA-MB-435	0.477	1.938	1.818	1.890	1.810	0.216	0.187	92	97	91	-55	-61	1.92E-6	4.22E-6	9.28E-6	
SK-MEL-2	0.948	1.859	1.802	1.807	1.867	1.733	1.408	94	94	101	86	51	> 1.00E-4	> 1.00E-4	> 1.00E-4	
SK-MEL-28	0.430	1.356	1.339	1.323	1.277	0.987	0.829	98	96	91	60	43	3.90E-5	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.447	1.366	1.255	1.276	1.327	0.764	0.532	88	90	96	35	9	5.59E-6	> 1.00E-4	> 1.00E-4	
UACC-257	0.663	1.543	1.541	1.472	1.437	0.826	0.589	100	92	88	18	-11	3.52E-6	4.19E-5	> 1.00E-4	
UACC-62	0.711	2.126	2.060	2.075	2.082	1.511	1.074	95	96	97	57	26	1.63E-5	> 1.00E-4	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.582	1.654	1.698	1.641	1.594	0.894	0.831	104	99	94	29	23	4.78E-6	> 1.00E-4	> 1.00E-4	
OVCAR-3	0.451	1.402	1.420	1.376	1.393	0.865	0.657	102	97	99	44	22	7.66E-6	> 1.00E-4	> 1.00E-4	
OVCAR-4	0.465	1.520	1.507	1.405	1.489	1.079	0.960	99	89	97	58	47	5.28E-5	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.493	1.369	1.379	1.310	1.340	1.246	1.163	101	93	97	86	76	> 1.00E-4	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.366	1.998	1.914	1.923	1.777	0.459	0.201	95	95	86	6	-45	2.83E-6	1.29E-5	> 1.00E-4	
NCI/ADR-RES	0.573	1.675	1.676	1.666	1.650	1.317	1.050	100	99	98	67	43	5.28E-5	> 1.00E-4	> 1.00E-4	
SK-OV-3	0.390	1.126	1.090	1.060	1.075	0.488	0.366	95	91	93	13	-6	3.46E-6	4.82E-5	> 1.00E-4	
Renal Cancer																
786-0	0.531	2.038	1.959	1.913	1.969	1.273	0.698	95	92	95	49	11	9.63E-6	> 1.00E-4	> 1.00E-4	
A498	1.304	2.031	1.855	1.919	2.027	1.850	1.697	76	85	99	75	54	> 1.00E-4	> 1.00E-4	> 1.00E-4	
ACHN	0.372	1.611	1.667	1.648	1.578	0.896	0.741	105	103	97	42	30	7.25E-6	> 1.00E-4	> 1.00E-4	
CAKI-1	0.816	2.147	2.141	2.069	2.073	1.912	1.903	99	94	94	82	82	> 1.00E-4	> 1.00E-4	> 1.00E-4	
RXF 393	0.635	1.072	1.052	1.021	1.089	0.488	0.257	95	88	104	-23	-60	2.65E-6	6.57E-6	5.47E-5	
SN12C	0.609	1.874	1.809	1.791	1.845	1.408	1.069	95	93	98	63	36	3.09E-5	> 1.00E-4	> 1.00E-4	
TK-10	0.558	1.267	1.228	1.190	1.287	1.044	0.771	95	89	103	69	30	3.03E-5	> 1.00E-4	> 1.00E-4	
UO-31	0.506	1.901	1.747	1.728	1.670	1.057	1.102	89	88	83	39	43	5.77E-6	> 1.00E-4	> 1.00E-4	
Prostate Cancer																
PC-3	0.474	1.692	1.663	1.611	1.708	1.361	1.038	98	93	101	73	46	7.22E-5	> 1.00E-4	> 1.00E-4	
DU-145	0.324	1.293	1.316	1.321	1.331	0.891	0.580	102	103	104	58	26	1.84E-5	> 1.00E-4	> 1.00E-4	
Breast Cancer																
MDA-MB-231/ATCC	0.471	1.043	1.137	1.101	1.026	0.726	0.522	117	110	97	45	9	7.89E-6	> 1.00E-4	> 1.00E-4	
HS 578T	0.714	1.812	1.798	1.765	1.821	1.617	1.256	99	96	101	82	49	9.53E-5	> 1.00E-4	> 1.00E-4	
BT-549	0.752	1.607	1.584	1.530	1.621	0.708	0.486	97	91	102	-6	-35	3.02E-6	8.81E-6	> 1.00E-4	
T-47D	0.483	1.186	1.134	1.104	1.152	0.829	0.795	93	88	95	49	44	9.62E-6	> 1.00E-4	> 1.00E-4	
MDA-MB-468	0.629	1.448	1.373	1.356	1.368	0.758	0.510	91	89	90	16	-19	3.46E-6	2.83E-5	> 1.00E-4	

Mean Graphs

Report Date :December 07, 2011

Test Date :June 13, 2011

