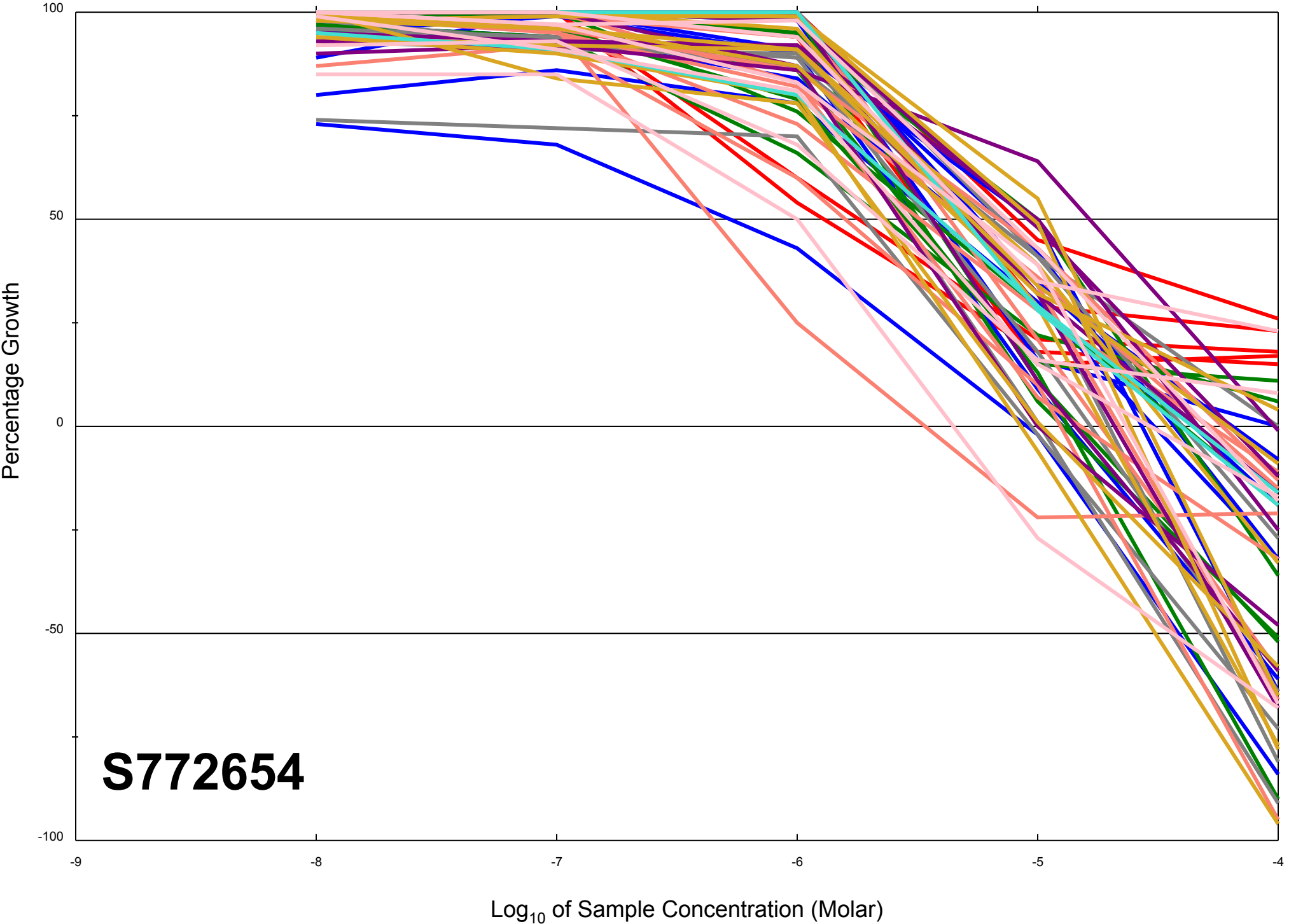


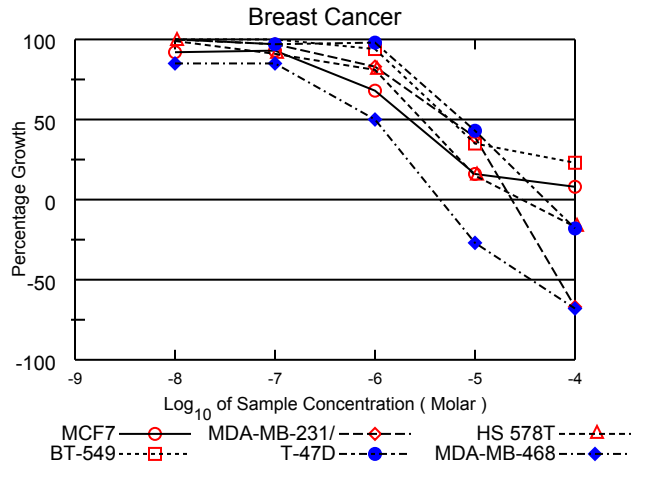
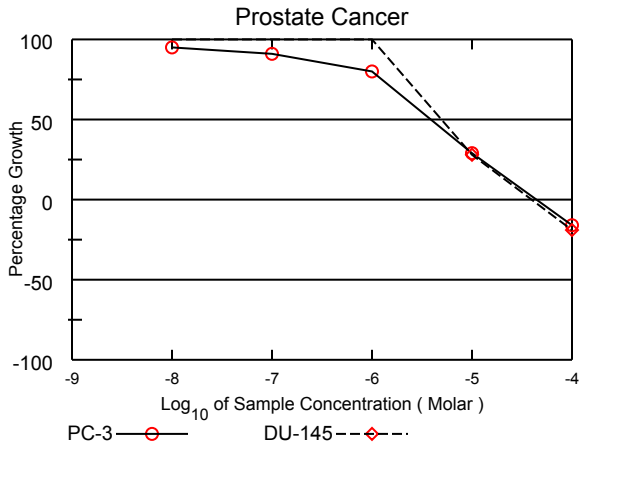
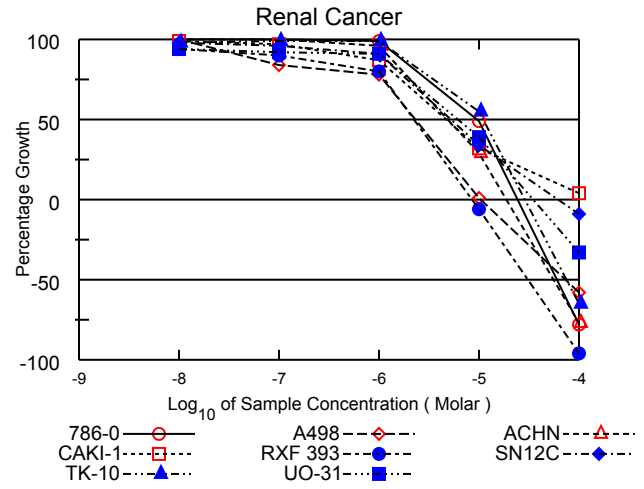
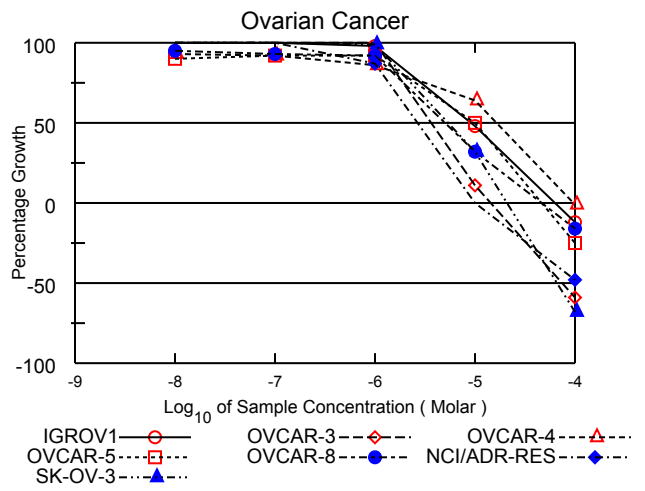
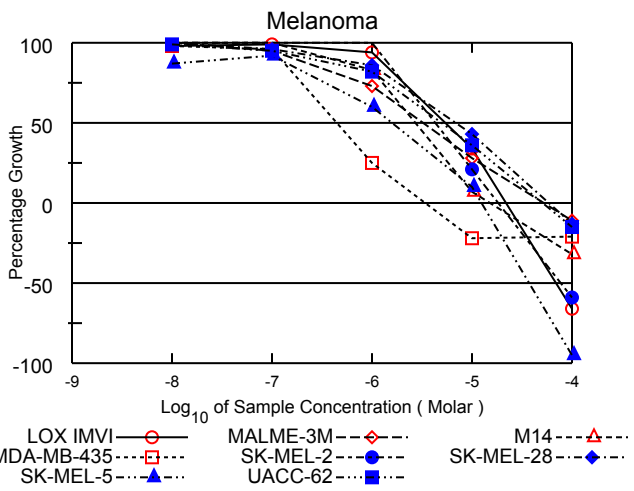
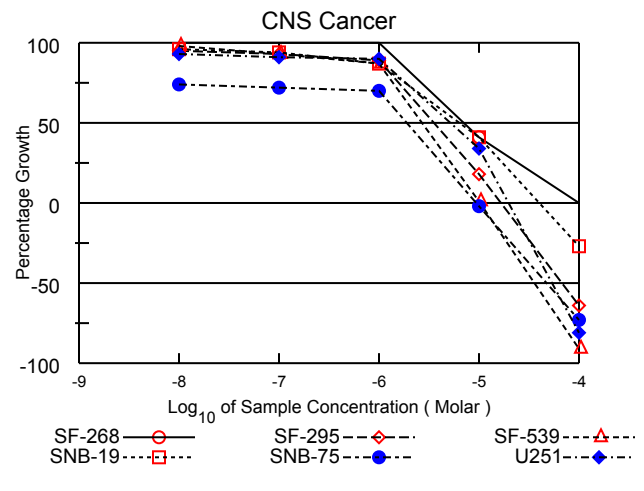
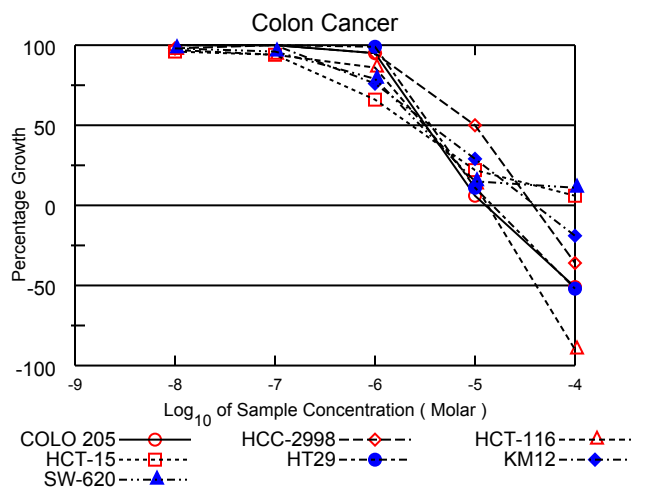
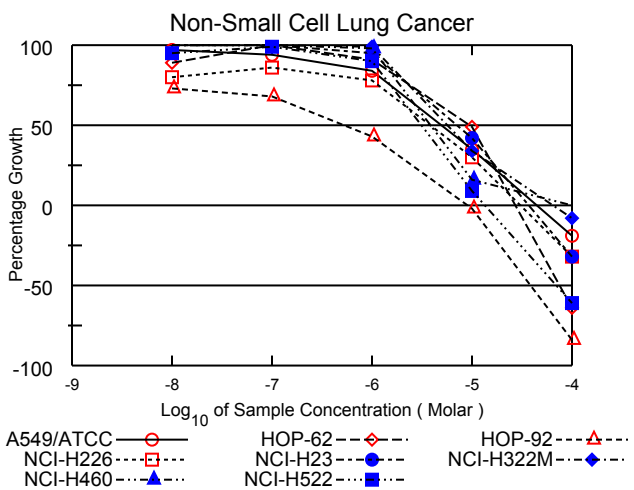
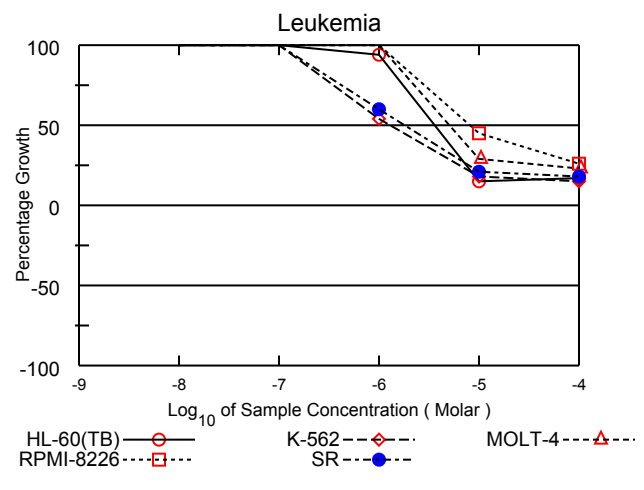
Dose Response Curves

Report Date:December 09, 2013

Test Date:May 20, 2013

All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 772654 / 1	Experiment ID : 1305NS92	Test Type : 08	Units : Molar
Report Date : December 09, 2013	Test Date : May 20, 2013	QNS :	MC :
COMI : A2330/0098341 (126259)	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			
Leukemia															
HL-60(TB)	0.952	3.011	3.041	3.162	2.898	1.270	1.300	101	107	94	15	17	3.65E-6	> 1.00E-4	> 1.00E-4
K-562	0.196	1.458	1.619	1.479	0.873	0.420	0.387	113	102	54	18	15	1.26E-6	> 1.00E-4	> 1.00E-4
MOLT-4	0.598	2.285	2.326	2.523	2.385	1.093	0.992	102	114	106	29	23	5.37E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	1.212	2.649	2.761	2.748	2.809	1.853	1.579	108	107	111	45	26	8.29E-6	> 1.00E-4	> 1.00E-4
SR	0.640	2.006	2.097	2.199	1.462	0.930	0.882	107	114	60	21	18	1.82E-6	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.383	1.978	1.924	1.886	1.724	0.937	0.311	97	94	84	35	-19	4.90E-6	4.44E-5	> 1.00E-4
HOP-62	0.694	1.619	1.520	1.615	1.538	1.148	0.253	89	100	91	49	-64	9.49E-6	2.73E-5	7.58E-5
HOP-92	1.344	1.771	1.654	1.633	1.529	1.322	0.219	73	68	43	-2	-84	5.29E-7	9.19E-6	3.88E-5
NCI-H226	1.086	1.852	1.697	1.746	1.681	1.312	0.740	80	86	78	30	-32	3.75E-6	3.03E-5	> 1.00E-4
NCI-H23	0.839	2.309	2.329	2.382	2.238	1.459	0.573	101	105	95	42	-32	7.12E-6	3.72E-5	> 1.00E-4
NCI-H322M	0.824	2.097	2.133	2.130	2.087	1.261	0.761	103	103	99	34	-8	5.73E-6	6.56E-5	> 1.00E-4
NCI-H460	0.361	3.194	3.197	3.210	3.128	0.813	0.368	100	101	98	16	.	3.83E-6	> 1.00E-4	> 1.00E-4
NCI-H522	0.699	1.981	1.917	1.963	1.855	0.809	0.276	95	99	90	9	-61	3.11E-6	1.33E-5	7.04E-5
Colon Cancer															
COLO 205	0.601	2.906	3.010	3.028	2.780	0.731	0.294	105	105	95	6	-51	3.17E-6	1.26E-5	9.57E-5
HCC-2998	0.936	2.905	2.874	2.935	2.813	1.915	0.601	98	102	95	50	-36	9.85E-6	3.81E-5	> 1.00E-4
HCT-116	0.214	1.748	1.695	1.654	1.528	0.421	0.022	97	94	86	13	-90	3.12E-6	1.35E-5	4.11E-5
HCT-15	0.373	2.274	2.189	2.164	1.623	0.793	0.496	96	94	66	22	6	2.29E-6	> 1.00E-4	> 1.00E-4
HT29	0.298	1.590	1.630	1.676	1.580	0.444	0.142	103	107	99	11	-52	3.63E-6	1.50E-5	9.18E-5
KM12	0.699	2.868	2.877	2.938	2.357	1.322	0.566	100	103	76	29	-19	3.58E-6	3.99E-5	> 1.00E-4
SW-620	0.304	2.012	1.979	1.943	1.661	0.566	0.494	98	96	79	15	11	2.88E-6	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.543	1.761	1.761	1.825	1.799	1.039	0.548	100	105	103	41	.	7.09E-6	> 1.00E-4	> 1.00E-4
SF-295	0.971	2.991	2.885	2.841	2.766	1.344	0.348	95	93	89	18	-64	3.56E-6	1.67E-5	6.74E-5
SF-539	1.018	2.805	2.769	2.680	2.576	1.040	0.093	98	93	87	1	-91	2.71E-6	1.03E-5	3.60E-5
SNB-19	0.728	2.303	2.234	2.215	2.100	1.369	0.533	96	94	87	41	-27	6.29E-6	4.00E-5	> 1.00E-4
SNB-75	0.899	1.719	1.507	1.491	1.470	0.879	0.239	74	72	70	-2	-73	1.87E-6	9.31E-6	4.69E-5
U251	0.749	2.599	2.473	2.441	2.406	1.385	0.141	93	91	90	34	-81	5.21E-6	1.98E-5	5.37E-5
Melanoma															
LOX IMVI	0.374	2.250	2.206	2.241	2.140	1.017	0.126	98	99	94	34	-66	5.46E-6	2.19E-5	6.88E-5
MALME-3M	0.712	1.331	1.330	1.297	1.167	0.885	0.636	100	95	73	28	-11	3.27E-6	5.27E-5	> 1.00E-4
M14	0.497	1.819	1.833	1.837	1.597	0.589	0.339	101	101	83	7	-32	2.72E-6	1.51E-5	> 1.00E-4
MDA-MB-435	0.622	2.704	2.672	2.611	1.137	0.484	0.491	98	96	25	-22	-21	4.40E-7	3.36E-6	> 1.00E-4
SK-MEL-2	0.987	2.086	2.233	2.258	2.176	1.213	0.407	113	116	108	21	-59	4.61E-6	1.82E-5	7.75E-5
SK-MEL-28	0.500	1.553	1.584	1.512	1.410	0.952	0.438	103	96	86	43	-13	6.87E-6	5.95E-5	> 1.00E-4
SK-MEL-5	0.836	2.543	2.329	2.407	1.853	1.005	0.046	87	92	60	10	-95	1.56E-6	1.24E-5	3.74E-5
UACC-62	0.981	2.873	2.856	2.785	2.536	1.666	0.836	99	95	82	36	-15	5.01E-6	5.12E-5	> 1.00E-4
Ovarian Cancer															
IGROV1	0.521	1.443	1.500	1.468	1.420	0.961	0.460	106	103	98	48	-12	9.00E-6	6.35E-5	> 1.00E-4
OVCAR-3	0.855	2.189	2.314	2.290	2.239	0.997	0.351	109	108	104	11	-59	3.78E-6	1.42E-5	7.42E-5
OVCAR-4	0.622	1.406	1.355	1.342	1.298	1.126	0.613	93	92	86	64	-1	1.65E-5	9.51E-5	> 1.00E-4
OVCAR-5	0.688	1.578	1.488	1.503	1.504	1.131	0.518	90	92	92	50	-25	9.86E-6	4.66E-5	> 1.00E-4
OVCAR-8	0.526	2.419	2.329	2.291	2.269	1.133	0.441	95	93	92	32	-16	5.02E-6	4.61E-5	> 1.00E-4
NCI/ADR-RES	0.735	2.266	2.280	2.311	2.064	0.736	0.383	101	103	87	.	-48	2.65E-6	1.00E-5	> 1.00E-4
SK-OV-3	0.731	2.163	2.219	2.224	2.153	1.188	0.237	104	104	99	32	-68	5.39E-6	2.09E-5	6.65E-5
Renal Cancer															
786-0	0.831	2.638	2.663	2.687	2.628	1.711	0.179	101	103	99	49	-78	9.42E-6	2.41E-5	5.97E-5
A498	1.638	2.513	2.521	2.376	2.318	1.645	0.691	101	84	78	1	-58	2.29E-6	1.03E-5	7.35E-5
ACHN	0.370	1.424	1.433	1.441	1.377	0.672	0.084	101	102	96	29	-77	4.79E-6	1.86E-5	5.51E-5
CAKI-1	0.957	2.882	2.869	2.816	2.632	1.579	1.025	99	97	87	32	4	4.75E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.937	1.737	1.688	1.657	1.578	0.884	0.042	94	90	80	-6	-96	2.24E-6	8.59E-6	3.12E-5
SN12C	0.609	2.655	2.608	2.578	2.467	1.302	0.553	98	96	91	34	-9	5.20E-6	6.11E-5	> 1.00E-4
TK-10	0.710	1.460	1.442	1.452	1.455	1.125	0.251	98	99	99	55	-65	1.11E-5	2.89E-5	7.55E-5
UO-31	0.749	2.162	2.080	2.052	2.037	1.295	0.505	94	92	91	39	-33	6.08E-6	3.48E-5	> 1.00E-4
Prostate Cancer															
PC-3	0.575	2.213	2.138	2.066	1.879	1.052	0.481	95	91	80	29	-16	3.86E-6	4.36E-5	> 1.00E-4
DU-145	0.418	1.646	1.779	1.774	1.728	0.763	0.338	111	110	107	28	-19	5.26E-6	3.93E-5	> 1.00E-4
Breast Cancer															
MCF7	0.260	1.956	1.823	1.831	1.408	0.534	0.394	92	93	68	16	8	2.20E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.760	1.891	1.918	1.855	1.694	1.203	0.253	102	97	83	39	-67	5.62E-6	2.34E-5	6.95E-5
HS 578T	1.209	2.183	2.178	2.096	2.001	1.356	1.005	99	91	81	15	-17	2.97E-6	2.96E-5	> 1.00E-4
BT-549	0.984	1.985	2.015	2.039	1.922	1.334	1.218	103	105	94	35	23	5.54E-6	> 1.00E-4	> 1.00E-4
T-47D	0.661	1.663	1.660	1.629	1.640	1.089	0.541	100	97	98	43	-18	7.36E-6	5.02E-5	> 1.00E-4
MDA-MB-468	0.972	1.959	1.810	1.812	1.470	0.712	0.307	85	85	50	-27	-68	1.01E-6	4.50E-6	3.61E-5

Mean Graphs

Report Date :December 09, 2013

Test Date :May 20, 2013

