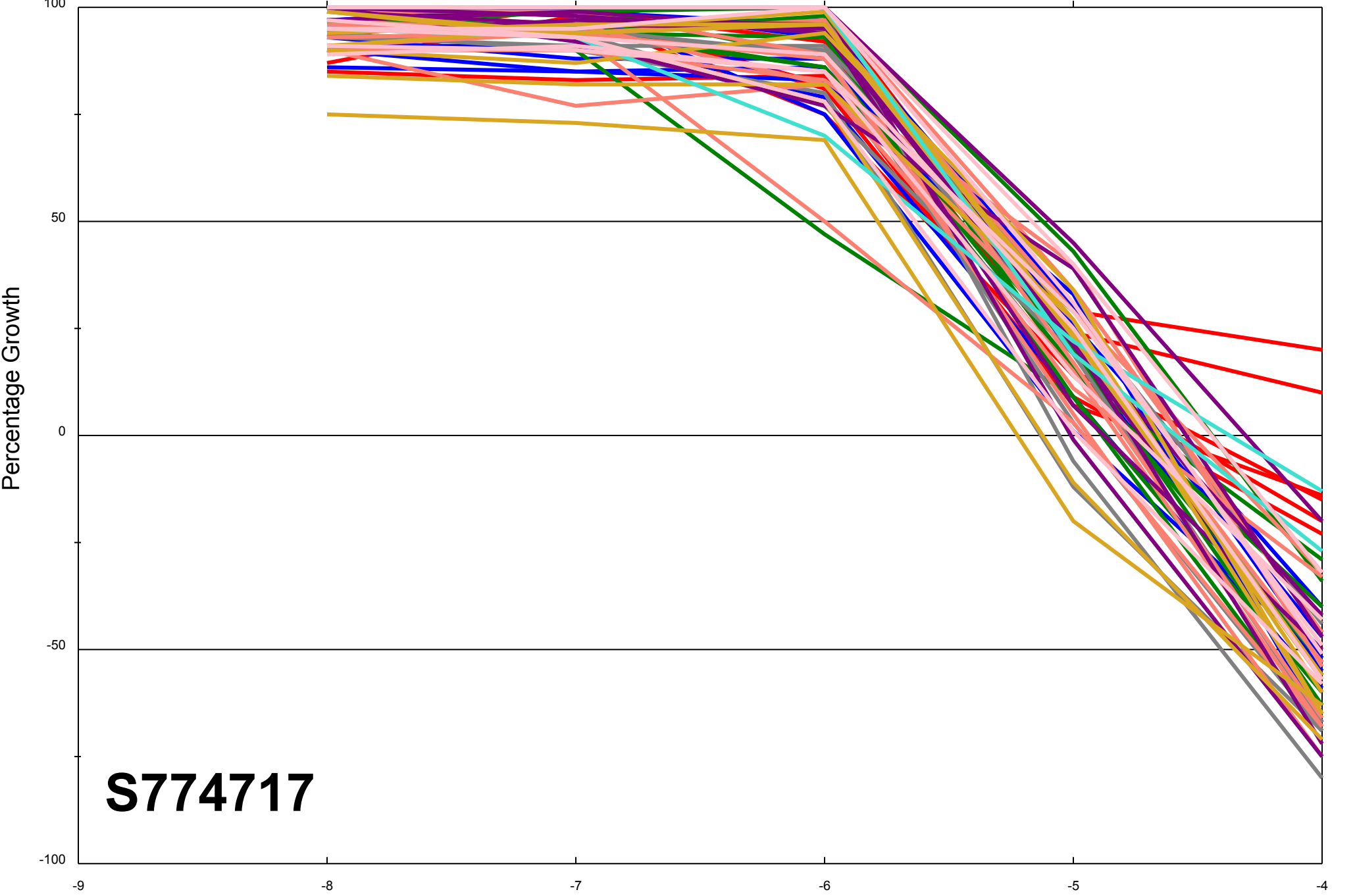


Dose Response Curves

Report Date:December 09, 2013

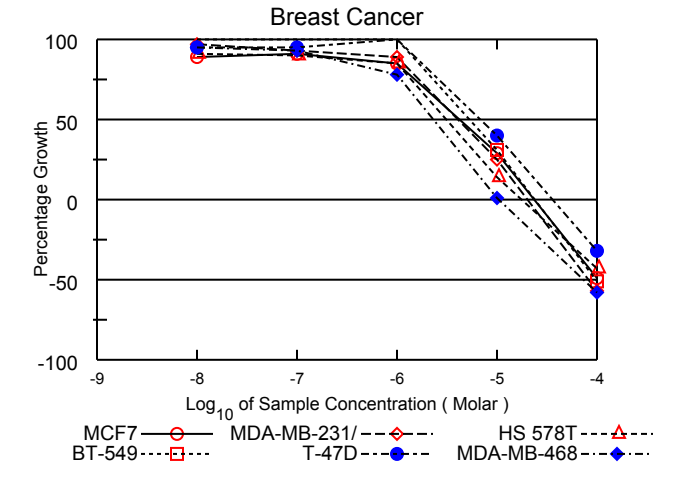
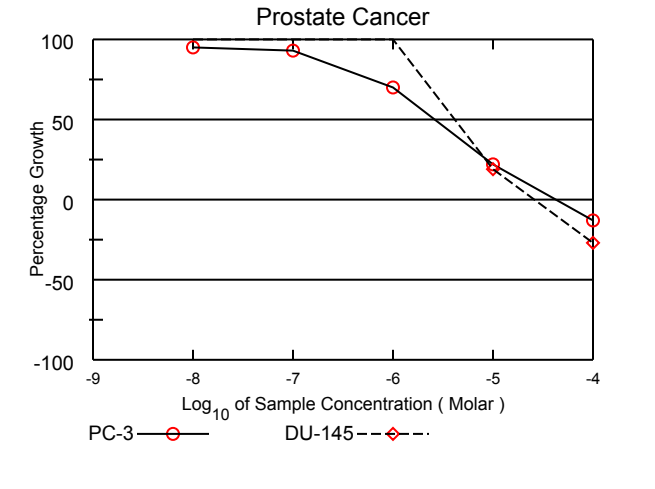
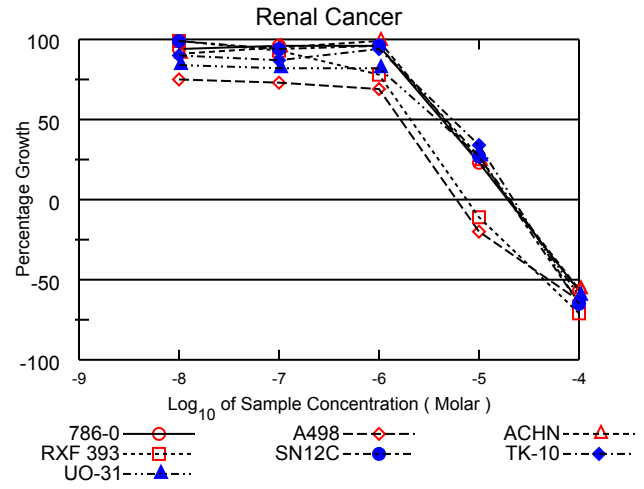
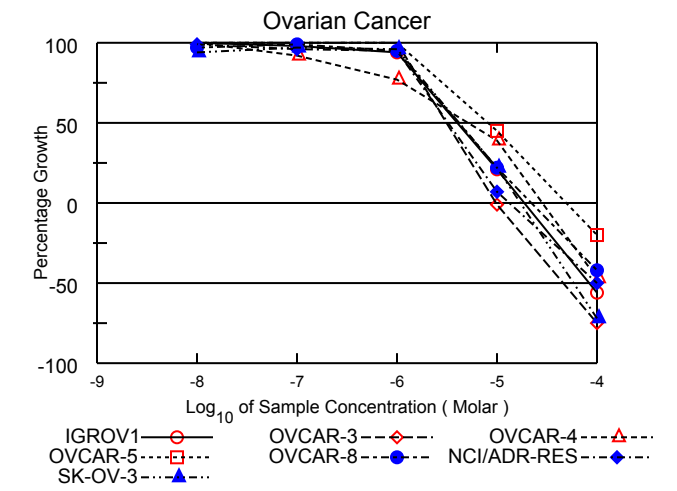
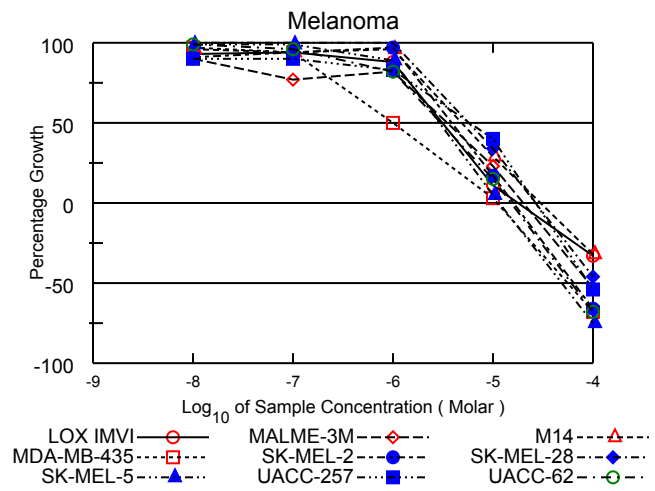
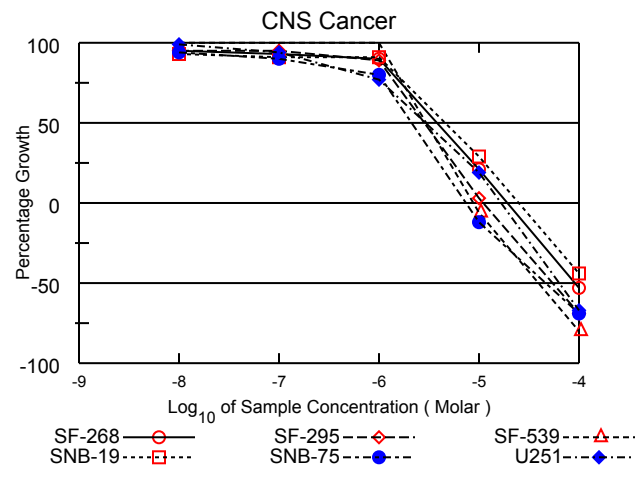
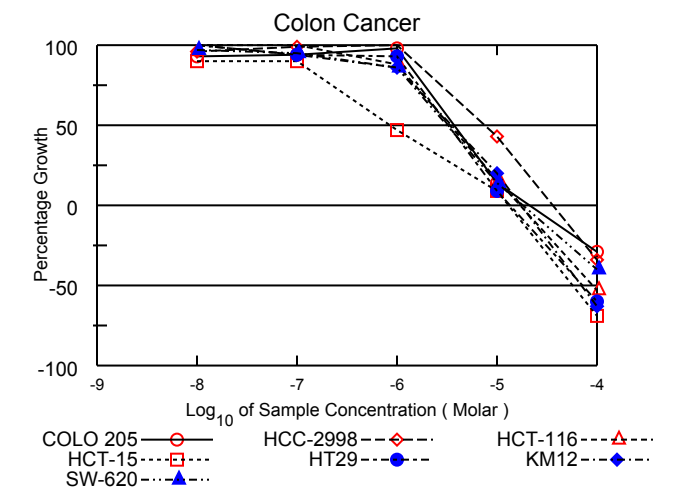
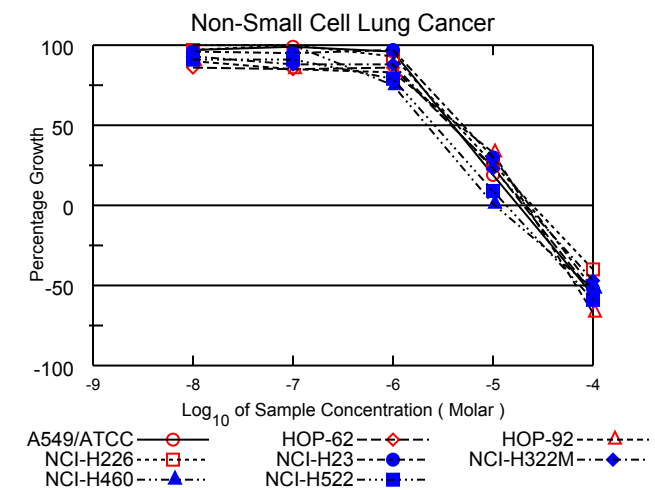
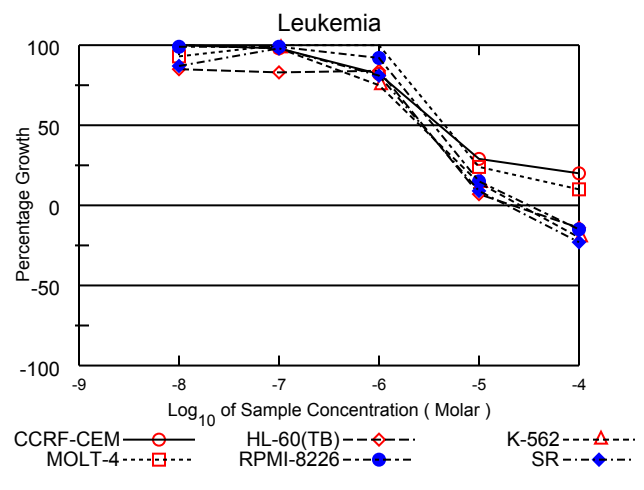
Test Date:September 09, 2013

All Cell Lines



S774717

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 774717 / 1	Experiment ID : 1309NS64	Test Type : 08	Units : Molar
Report Date : December 09, 2013	Test Date : September 09, 2013	QNS :	MC :
COMI : A2455/0104160 (128610)	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															
CCRF-CEM	0.719	3.239	3.238	3.191	2.787	1.449	1.217	100	98	82	29	20	4.02E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.687	2.823	2.503	2.451	2.489	0.836	0.591	85	83	84	7	-14	2.78E-6	2.15E-5	> 1.00E-4
K-562	0.270	2.023	2.078	1.996	1.583	0.508	0.216	103	98	75	14	-20	2.55E-6	2.53E-5	> 1.00E-4
MOLT-4	0.800	2.943	2.803	2.950	3.021	1.310	1.009	93	100	104	24	10	4.70E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	0.897	2.764	2.754	2.753	2.609	1.174	0.762	99	99	92	15	-15	3.49E-6	3.14E-5	> 1.00E-4
SR	0.363	1.670	1.506	1.642	1.427	0.475	0.280	87	98	81	9	-23	2.70E-6	1.87E-5	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.429	2.142	2.085	2.133	2.066	0.755	0.191	97	99	96	19	-56	3.94E-6	1.80E-5	8.41E-5
HOP-62	0.530	1.148	1.063	1.059	1.060	0.676	0.241	86	85	86	24	-55	3.75E-6	2.00E-5	8.73E-5
HOP-92	1.034	1.639	1.580	1.548	1.537	1.232	0.340	90	85	83	33	-67	4.54E-6	2.12E-5	6.73E-5
NCI-H226	1.344	2.877	2.836	2.875	2.772	1.741	0.805	97	100	93	26	-40	4.38E-6	2.47E-5	> 1.00E-4
NCI-H23	0.703	2.163	2.102	2.090	2.113	1.148	0.339	96	95	97	30	-52	5.07E-6	2.35E-5	9.50E-5
NCI-H322M	0.872	2.111	2.019	1.968	1.957	1.157	0.461	93	88	88	23	-47	3.82E-6	2.13E-5	> 1.00E-4
NCI-H460	0.156	1.968	1.960	2.014	1.507	0.170	0.075	100	103	75	1	-52	2.15E-6	1.03E-5	9.07E-5
NCI-H522	1.015	2.170	2.066	2.071	1.922	1.116	0.416	91	91	79	9	-59	2.56E-6	1.34E-5	7.35E-5
Colon Cancer															
COLO 205	0.422	1.677	1.594	1.603	1.655	0.597	0.299	93	94	98	14	-29	3.73E-6	2.10E-5	> 1.00E-4
HCC-2998	0.380	1.434	1.394	1.422	1.518	0.831	0.253	96	99	108	43	-34	7.75E-6	3.63E-5	> 1.00E-4
HCT-116	0.223	2.259	2.377	2.264	2.008	0.549	0.105	106	100	88	16	-53	3.35E-6	1.70E-5	9.01E-5
HCT-15	0.252	1.442	1.329	1.326	0.811	0.360	0.079	90	90	47	9	-69	8.52E-7	1.31E-5	5.76E-5
HT29	0.298	1.593	1.596	1.514	1.499	0.417	0.119	100	94	93	9	-60	3.25E-6	1.36E-5	7.12E-5
KM12	0.339	1.776	1.805	1.693	1.573	0.623	0.127	102	94	86	20	-63	3.49E-6	1.74E-5	7.04E-5
SW-620	0.208	1.593	1.547	1.525	1.406	0.396	0.126	97	95	86	14	-40	3.17E-6	1.80E-5	> 1.00E-4
CNS Cancer															
SF-268	0.630	1.852	1.789	1.765	1.731	0.884	0.296	95	93	90	21	-53	3.78E-6	1.91E-5	9.10E-5
SF-295	1.089	2.799	2.708	2.709	2.609	1.136	0.336	95	95	89	3	-69	2.83E-6	1.09E-5	5.41E-5
SF-539	0.874	2.307	2.309	2.370	2.406	0.825	0.173	100	104	107	-6	-80	3.20E-6	8.91E-6	3.93E-5
SNB-19	0.803	2.333	2.230	2.190	2.190	1.243	0.448	93	91	91	29	-44	4.53E-6	2.47E-5	> 1.00E-4
SNB-75	0.673	1.469	1.425	1.393	1.308	0.589	0.207	94	90	80	-12	-69	2.10E-6	7.32E-6	4.58E-5
U251	0.766	2.705	2.685	2.586	2.258	1.144	0.255	99	94	77	19	-67	2.94E-6	1.68E-5	6.40E-5
Melanoma															
LOX IMVI	0.427	2.810	2.652	2.672	2.519	0.697	0.287	93	94	88	11	-33	3.12E-6	1.80E-5	> 1.00E-4
MALME-3M	0.698	1.301	1.243	1.163	1.191	0.835	0.325	90	77	82	23	-53	3.44E-6	1.98E-5	9.01E-5
M14	0.524	2.304	2.227	2.202	2.229	1.042	0.358	96	94	96	29	-32	4.86E-6	3.01E-5	> 1.00E-4
MDA-MB-435	0.503	2.286	2.235	2.171	1.389	0.560	0.162	97	94	50	3	-68	9.82E-7	1.11E-5	5.60E-5
SK-MEL-2	1.302	2.412	2.308	2.342	2.376	1.496	0.448	91	94	97	17	-66	3.89E-6	1.62E-5	6.48E-5
SK-MEL-28	0.643	1.615	1.740	1.698	1.617	0.974	0.349	113	108	100	34	-46	5.74E-6	2.16E-5	> 1.00E-4
SK-MEL-5	1.012	3.133	3.120	3.101	2.893	1.113	0.255	99	99	89	5	-75	2.89E-6	1.57E-5	4.87E-5
UACC-257	0.873	2.017	1.905	1.903	1.817	1.327	0.403	90	90	83	40	-54	5.74E-6	2.66E-5	9.10E-5
UACC-62	0.789	2.526	2.502	2.458	2.216	1.041	0.251	99	96	82	15	-68	2.99E-6	1.50E-5	6.03E-5
Ovarian Cancer															
IGROV1	0.738	2.397	2.457	2.364	2.299	1.086	0.325	104	98	94	21	-56	4.01E-6	1.87E-5	8.37E-5
OVCAR-3	0.547	1.732	1.749	1.773	1.781	0.542	0.139	101	103	104	-1	-75	3.27E-6	9.78E-6	4.62E-5
OVCAR-4	0.704	1.500	1.504	1.438	1.318	1.011	0.374	101	92	77	39	-47	5.05E-6	2.83E-5	> 1.00E-4
OVCAR-5	0.585	1.496	1.511	1.549	1.502	0.999	0.471	102	106	101	45	-20	8.27E-6	5.00E-5	> 1.00E-4
OVCAR-8	0.562	2.329	2.274	2.310	2.244	0.944	0.327	97	99	95	22	-42	4.11E-6	2.19E-5	> 1.00E-4
NCI/ADR-RES	0.595	2.017	2.008	1.964	1.943	0.688	0.300	99	96	95	7	-50	3.22E-6	1.31E-5	> 1.00E-4
SK-OV-3	0.550	1.287	1.242	1.262	1.260	0.709	0.153	94	97	96	22	-72	4.17E-6	1.70E-5	5.79E-5
Renal Cancer															
786-0	0.453	1.992	1.894	1.927	1.937	0.803	0.197	94	96	96	23	-57	4.26E-6	1.93E-5	8.25E-5
A498	1.817	2.542	2.360	2.348	2.321	1.448	0.664	75	73	69	-20	-63	1.65E-6	5.94E-6	4.87E-5
ACHN	0.389	1.833	1.703	1.760	1.814	0.741	0.171	91	95	99	24	-56	4.51E-6	2.01E-5	8.41E-5
RXF 393	0.937	1.924	1.912	1.855	1.708	0.831	0.268	99	93	78	-11	-71	2.06E-6	7.46E-6	4.40E-5
SN12C	0.639	2.336	2.321	2.229	2.267	1.090	0.224	99	94	96	27	-65	4.59E-6	1.95E-5	6.85E-5
TK-10	0.884	1.607	1.534	1.513	1.566	1.131	0.309	90	87	94	34	-65	5.44E-6	2.21E-5	7.05E-5
UO-31	0.668	2.140	1.910	1.877	1.882	1.063	0.269	84	82	82	27	-60	3.83E-6	2.04E-5	7.72E-5
Prostate Cancer															
PC-3	0.538	2.169	2.095	2.053	1.675	0.896	0.471	95	93	70	22	-13	2.59E-6	4.33E-5	> 1.00E-4
DU-145	0.350	1.359	1.380	1.364	1.390	0.547	0.255	102	100	103	19	-27	4.31E-6	2.61E-5	> 1.00E-4
Breast Cancer															
MCF7	0.578	2.419	2.220	2.257	2.147	1.108	0.297	89	91	85	29	-49	4.21E-6	2.35E-5	> 1.00E-4
MDA-MB-231/ATCC	0.584	1.479	1.448	1.421	1.378	0.805	0.249	97	93	89	25	-57	4.03E-6	2.00E-5	8.12E-5
HS 578T	0.614	1.569	1.482	1.476	1.427	0.750	0.353	91	90	85	14	-43	3.13E-6	1.78E-5	> 1.00E-4
BT-549	1.051	1.908	1.910	1.917	1.958	1.320	0.510	100	101	106	31	-51	5.62E-6	2.39E-5	9.60E-5
T-47D	0.480	1.005	0.977	0.978	1.011	0.691	0.327	95	95	101	40	-32	6.90E-6	3.61E-5	> 1.00E-4
MDA-MB-468	0.805	1.762	1.712	1.698	1.549	0.811	0.337	95	93	78	1	-58	2.29E-6	1.02E-5	7.25E-5

Mean Graphs

Report Date :December 09, 2013

Test Date :September 09, 2013

