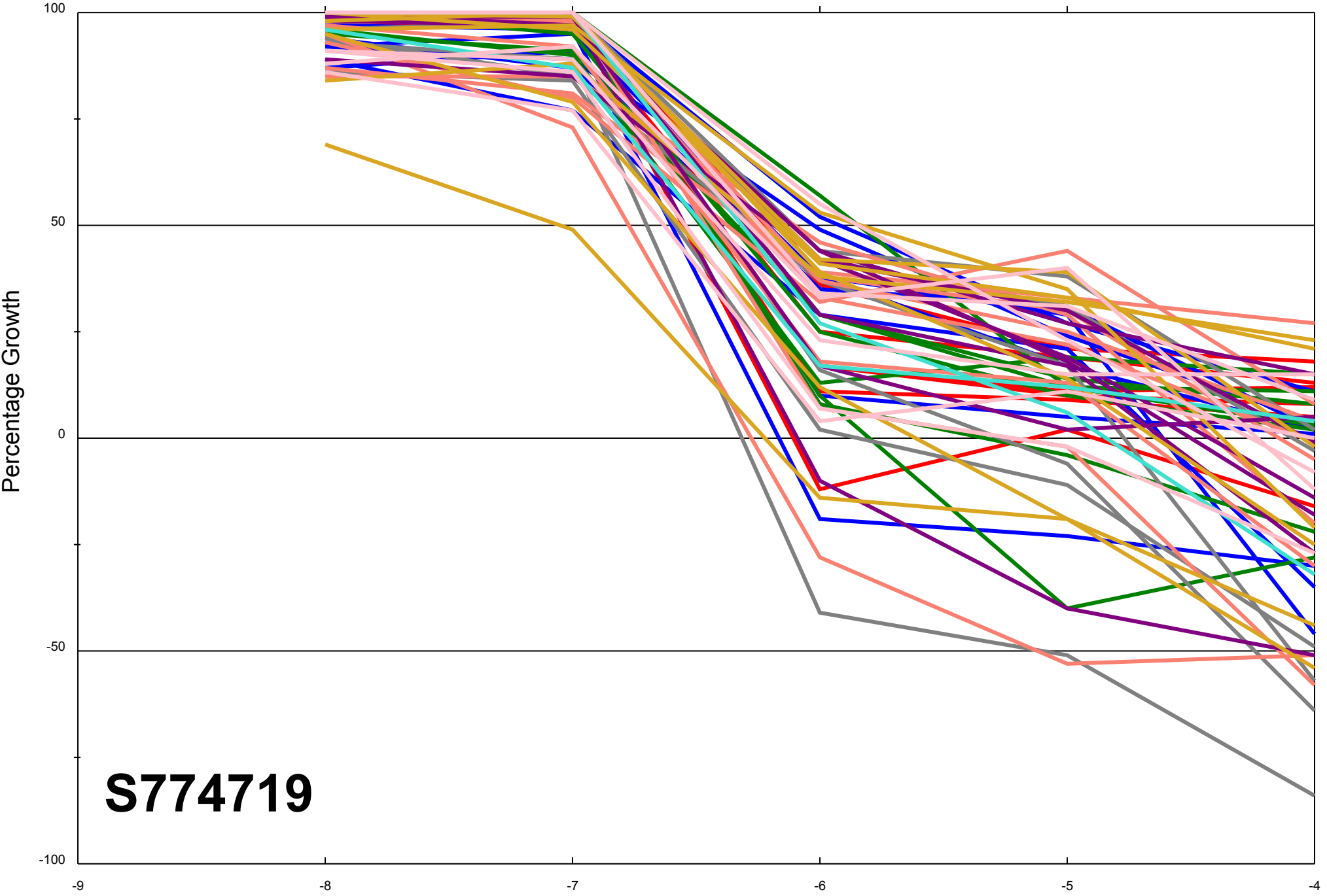


Dose Response Curves

Report Date:February 05, 2014

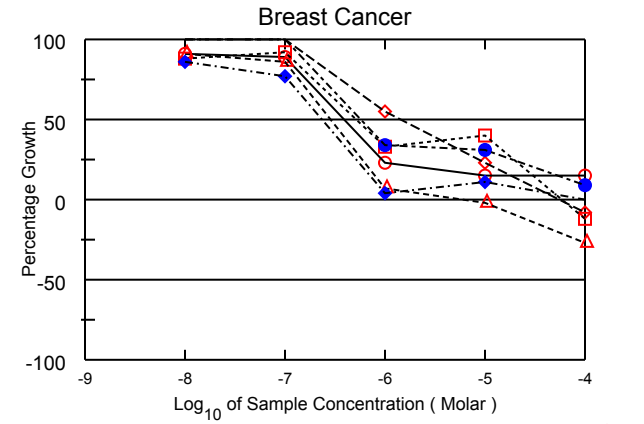
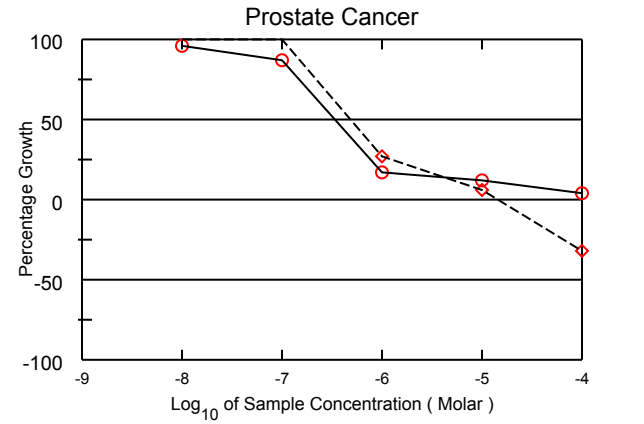
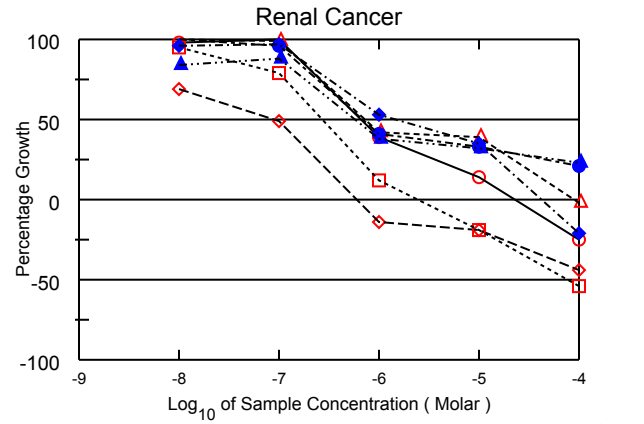
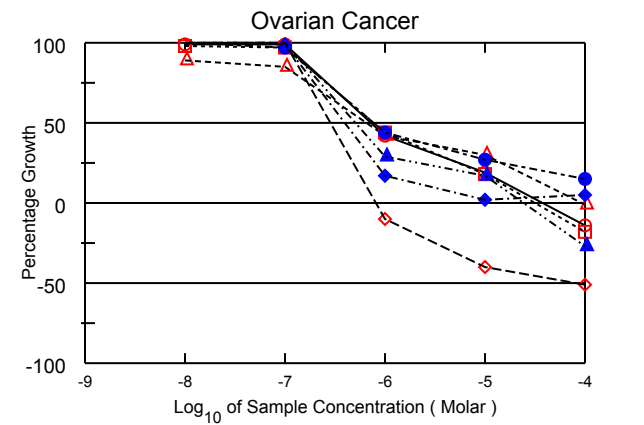
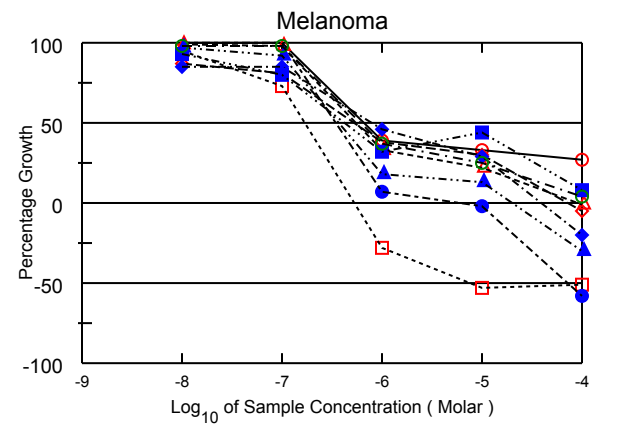
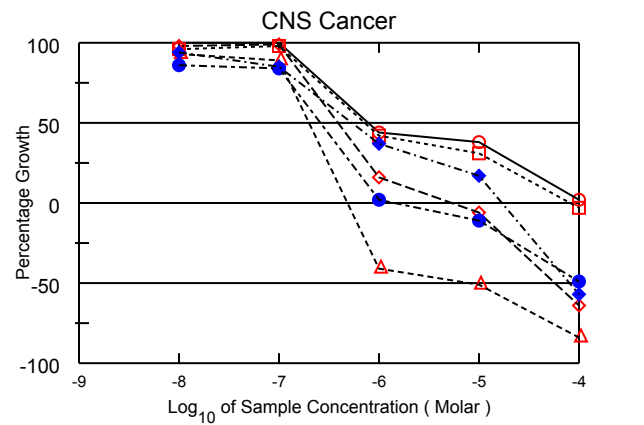
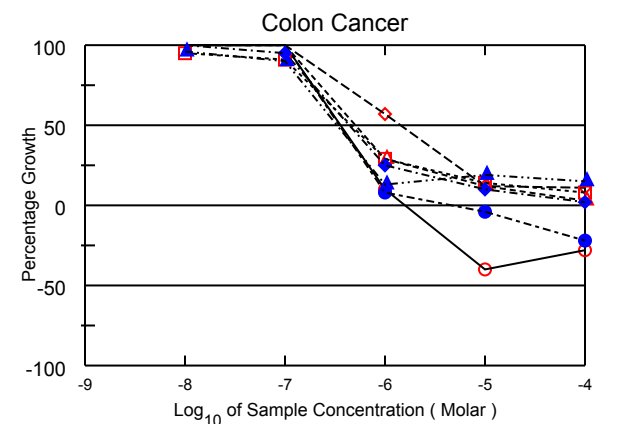
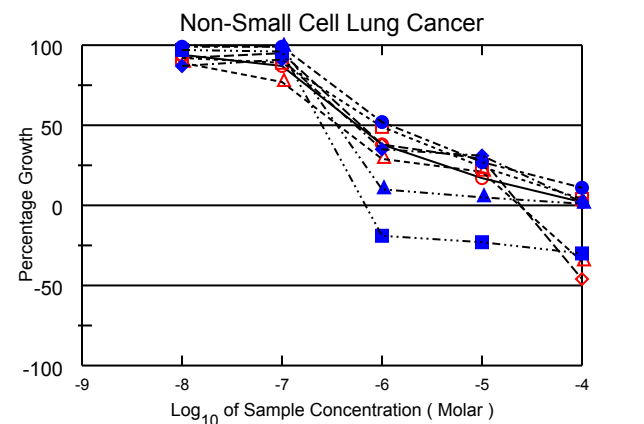
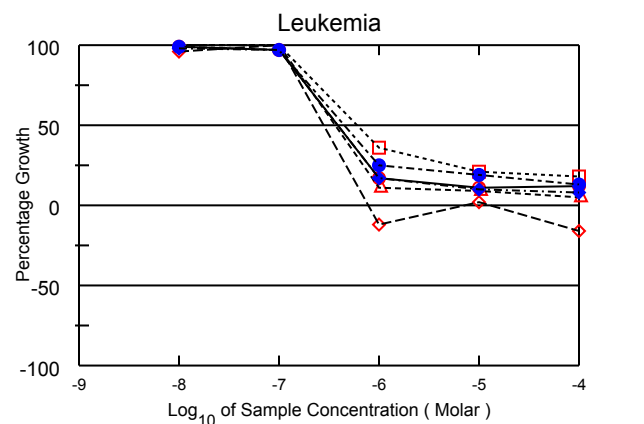
Test Date:September 09, 2013

All Cell Lines



S774719

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 774719 / 1	Experiment ID : 1309NS64	Test Type : 08	Units : Molar
Report Date : February 05, 2014	Test Date : September 09, 2013	QNS :	MC :
COMI : A3330/0141399 (128834)	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	2.957	2.942	2.879	1.099	0.968	0.991	99	97	17	11	12	3.84E-7	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.687	3.001	2.913	3.001	0.602	0.732	0.577	96	100	-12	2	-16	2.79E-7	.	> 1.00E-4
K-562	0.270	2.045	2.213	2.168	0.469	0.432	0.357	109	107	11	9	5	3.93E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.800	2.992	3.139	3.174	1.594	1.262	1.203	107	108	36	21	18	6.44E-7	> 1.00E-4	> 1.00E-4
RPMI-8226	0.897	2.538	2.525	2.493	1.301	1.205	1.112	99	97	25	19	13	4.47E-7	> 1.00E-4	> 1.00E-4
SR	0.363	1.677	1.653	1.642	0.589	0.498	0.471	98	97	17	10	8	3.90E-7	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.429	2.158	2.048	1.932	1.081	0.719	0.467	94	87	38	17	2	5.63E-7	> 1.00E-4	> 1.00E-4
HOP-62	0.530	1.143	1.096	1.111	0.763	0.707	0.287	92	95	38	29	-46	6.15E-7	2.43E-5	> 1.00E-4
HOP-92	1.034	1.536	1.479	1.422	1.180	1.139	0.676	89	77	29	21	-35	3.66E-7	2.37E-5	> 1.00E-4
NCI-H226	1.344	2.812	2.698	2.646	2.069	1.698	1.399	92	89	49	24	4	9.62E-7	> 1.00E-4	> 1.00E-4
NCI-H23	0.703	2.062	2.047	2.045	1.404	1.077	0.857	99	99	52	27	11	1.16E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.872	1.975	1.834	1.878	1.259	1.209	0.890	87	91	35	31	2	5.42E-7	> 1.00E-4	> 1.00E-4
NCI-H460	0.156	1.735	1.798	1.718	0.316	0.240	0.168	104	99	10	5	1	3.55E-7	> 1.00E-4	> 1.00E-4
NCI-H522	1.015	2.199	2.162	2.153	0.820	0.783	0.715	97	96	-19	-23	-30	2.51E-7	6.81E-7	> 1.00E-4
Colon Cancer															
COLO 205	0.422	1.541	1.561	1.593	0.529	0.254	0.303	102	105	10	-40	-28	3.75E-7	1.56E-6	> 1.00E-4
HCC-2998	0.380	1.398	1.396	1.427	0.961	0.504	0.496	100	103	57	12	11	1.43E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.223	2.211	2.203	2.243	0.792	0.464	0.275	100	102	29	12	3	5.10E-7	> 1.00E-4	> 1.00E-4
HCT-15	0.252	1.419	1.357	1.316	0.592	0.417	0.351	95	91	29	14	8	4.61E-7	> 1.00E-4	> 1.00E-4
HT29	0.298	1.580	1.622	1.616	0.404	0.286	0.233	103	103	8	-4	-22	3.62E-7	4.61E-6	> 1.00E-4
KM12	0.339	1.779	1.823	1.708	0.699	0.482	0.370	103	95	25	10	2	4.40E-7	> 1.00E-4	> 1.00E-4
SW-620	0.208	1.453	1.406	1.330	0.369	0.449	0.392	96	90	13	19	15	3.31E-7	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.630	1.848	1.849	1.842	1.168	1.088	0.658	100	100	44	38	2	7.85E-7	> 1.00E-4	> 1.00E-4
SF-295	1.089	2.835	2.805	2.817	1.367	1.027	0.391	98	99	16	-6	-64	3.89E-7	5.45E-6	5.73E-5
SF-539	0.874	2.312	2.213	2.154	0.516	0.433	0.143	93	89	-41	-51	-84	2.00E-7	4.84E-7	8.83E-6
SNB-19	0.803	2.286	2.223	2.250	1.429	1.263	0.779	96	98	42	31	-3	7.24E-7	8.14E-5	> 1.00E-4
SNB-75	0.673	1.403	1.303	1.287	0.689	0.602	0.342	86	84	2	-11	-49	2.61E-7	1.47E-6	> 1.00E-4
U251	0.766	2.618	2.509	2.348	1.449	1.089	0.327	94	85	37	17	-57	5.37E-7	1.71E-5	7.98E-5
Melanoma															
LOX IMVI	0.427	2.607	2.611	2.600	1.286	1.152	1.012	100	100	39	33	27	6.67E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.698	1.231	1.163	1.128	0.902	0.860	0.664	87	81	38	30	-5	5.26E-7	7.27E-5	> 1.00E-4
M14	0.524	2.195	2.178	2.161	1.076	0.891	0.519	99	98	33	22	-1	5.48E-7	9.00E-5	> 1.00E-4
MDA-MB-435	0.503	2.202	2.122	1.741	0.364	0.238	0.248	95	73	-28	-53	-51	1.69E-7	5.31E-7	7.75E-6
SK-MEL-2	1.302	2.195	2.340	2.343	1.362	1.276	0.550	116	117	7	-2	-58	4.03E-7	5.88E-6	7.26E-5
SK-MEL-28	0.643	1.639	1.491	1.486	1.105	0.934	0.515	85	85	46	29	-20	8.02E-7	3.93E-5	> 1.00E-4
SK-MEL-5	1.012	3.018	2.951	2.853	1.374	1.267	0.708	97	92	18	13	-30	3.68E-7	1.98E-5	> 1.00E-4
UACC-257	0.873	1.974	1.893	1.750	1.226	1.356	0.966	93	80	32	44	8	4.19E-7	> 1.00E-4	> 1.00E-4
UACC-62	0.789	2.409	2.380	2.379	1.391	1.191	0.858	98	98	37	25	4	6.15E-7	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.738	2.255	2.236	2.240	1.380	1.023	0.638	99	99	42	19	-14	7.31E-7	3.80E-5	> 1.00E-4
OVCAR-3	0.547	1.663	1.734	1.742	0.492	0.327	0.270	106	107	-10	-40	-51	3.07E-7	8.21E-7	8.67E-5
OVCAR-4	0.704	1.406	1.331	1.304	0.997	0.918	0.695	89	85	42	30	-1	6.46E-7	9.07E-5	> 1.00E-4
OVCAR-5	0.585	1.556	1.536	1.523	1.015	0.763	0.480	98	97	44	18	-18	7.75E-7	3.20E-5	> 1.00E-4
OVCAR-8	0.562	2.285	2.345	2.238	1.314	1.030	0.824	103	97	44	27	15	7.61E-7	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.595	1.951	1.983	1.933	0.823	0.620	0.668	102	99	17	2	5	3.93E-7	> 1.00E-4	> 1.00E-4
SK-OV-3	0.550	1.297	1.315	1.354	0.763	0.677	0.401	102	108	29	17	-27	5.35E-7	2.43E-5	> 1.00E-4
Renal Cancer															
786-0	0.453	1.891	1.857	1.888	1.008	0.657	0.340	98	100	39	14	-25	6.51E-7	2.30E-5	> 1.00E-4
A498	1.817	2.517	2.300	2.161	1.567	1.467	1.012	69	49	-14	-19	-44	9.00E-8	6.04E-7	> 1.00E-4
ACHN	0.389	1.675	1.673	1.663	0.932	0.895	0.380	100	99	42	39	-2	7.29E-7	8.80E-5	> 1.00E-4
RXF 393	0.937	1.881	1.835	1.679	1.049	0.756	0.431	95	79	12	-19	-54	2.68E-7	2.40E-6	7.67E-5
SN12C	0.639	2.343	2.353	2.270	1.334	1.201	0.995	101	96	41	33	21	6.79E-7	> 1.00E-4	> 1.00E-4
TK-10	0.884	1.585	1.557	1.565	1.253	1.130	0.699	96	97	53	35	-21	1.40E-6	4.22E-5	> 1.00E-4
UO-31	0.668	1.990	1.776	1.835	1.167	1.090	0.968	84	88	38	32	23	5.71E-7	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.538	1.924	1.874	1.745	0.776	0.705	0.591	96	87	17	12	4	3.39E-7	> 1.00E-4	> 1.00E-4
DU-145	0.350	1.262	1.336	1.327	0.598	0.403	0.239	108	107	27	6	-32	5.18E-7	1.43E-5	> 1.00E-4
Breast Cancer															
MCF7	0.578	2.293	2.133	2.099	0.975	0.838	0.837	91	89	23	15	15	3.89E-7	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.584	1.518	1.517	1.574	1.099	0.800	0.535	100	106	55	23	-8	1.45E-6	5.39E-5	> 1.00E-4
HS 578T	0.614	1.470	1.395	1.351	0.675	0.602	0.446	91	86	7	-2	-27	2.86E-7	6.07E-6	> 1.00E-4
BT-549	1.051	1.971	1.861	1.899	1.352	1.416	0.930	88	92	33	40	-12	5.12E-7	5.95E-5	> 1.00E-4
T-47D	0.480	0.971	0.976	0.978	0.645	0.634	0.526	101	102	34	31	9	5.74E-7	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.805	1.722	1.592	1.508	0.839	0.907	0.808	86	77	4	11	.	2.32E-7	> 1.00E-4	> 1.00E-4

Mean Graphs

Report Date :February 05, 2014

Test Date :September 09, 2013

