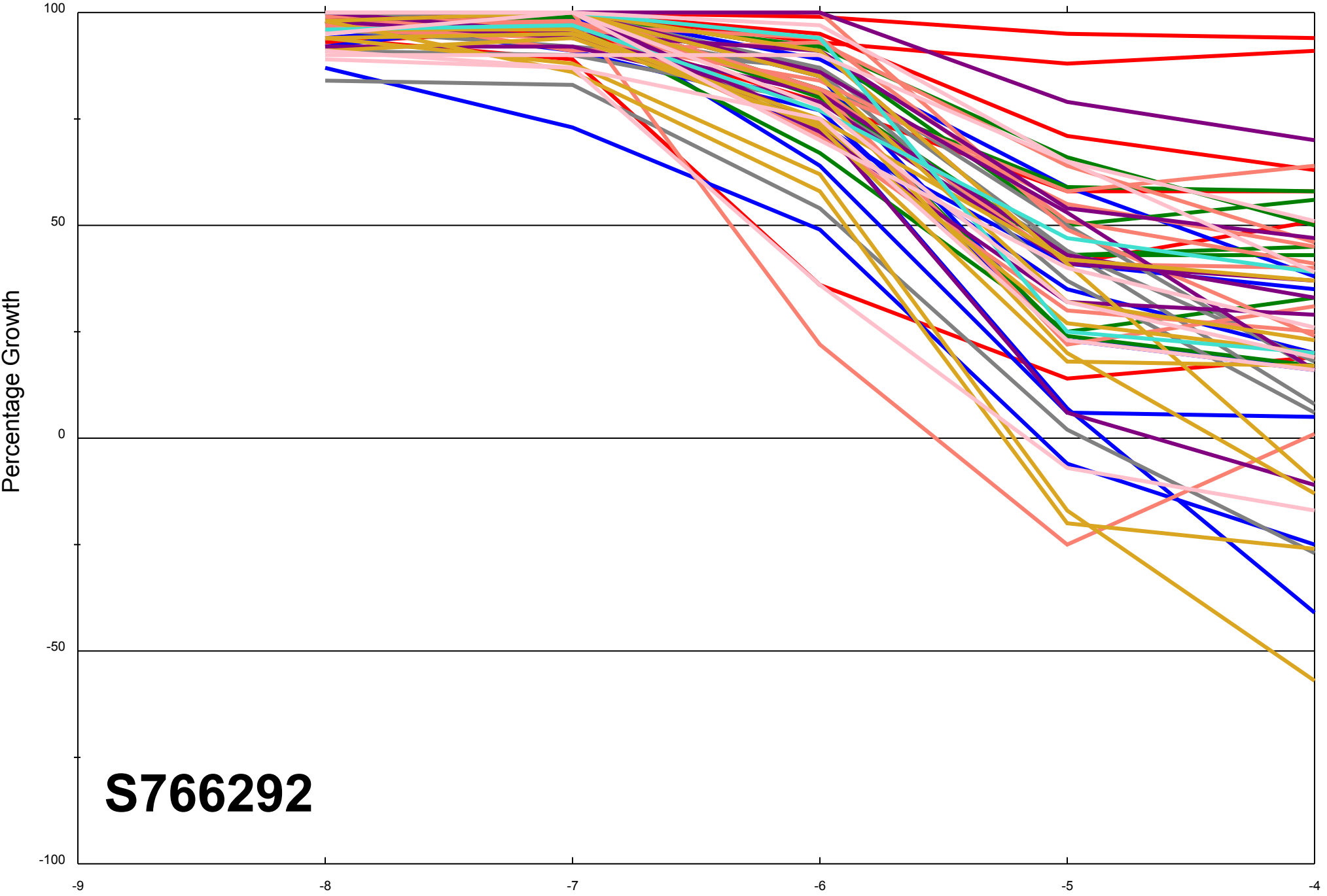


Dose Response Curves

Report Date:May 08, 2013

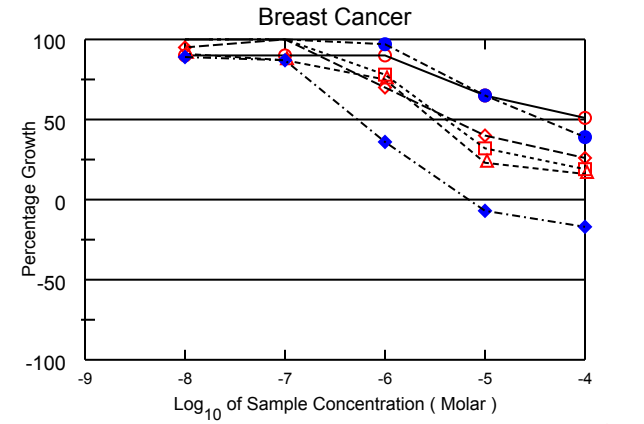
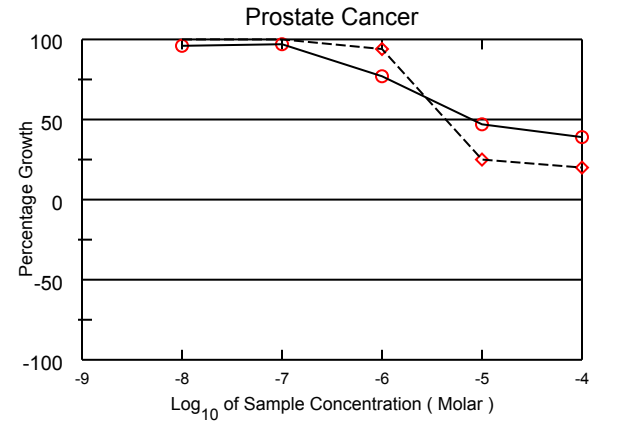
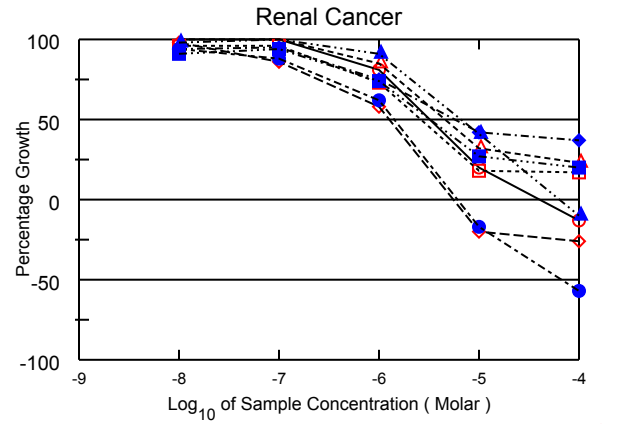
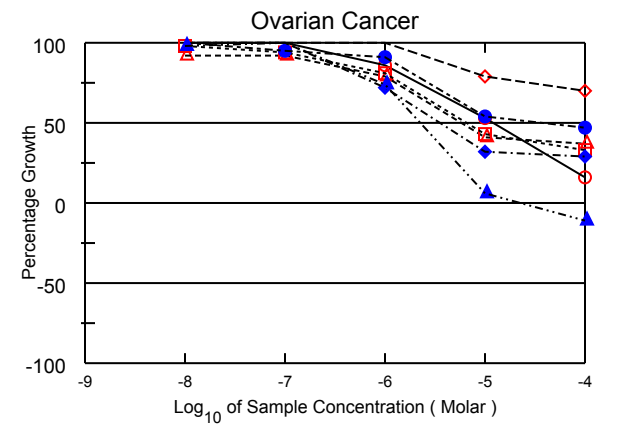
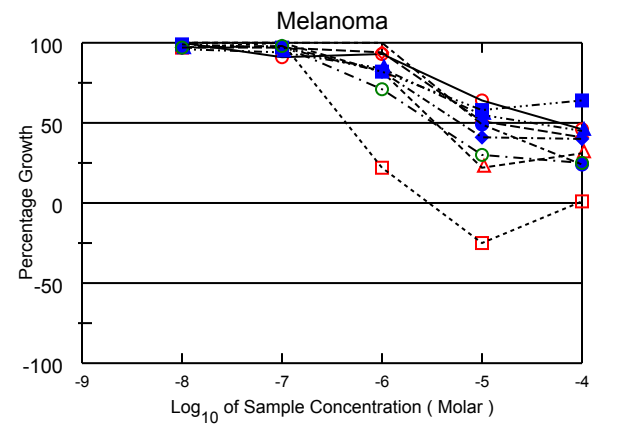
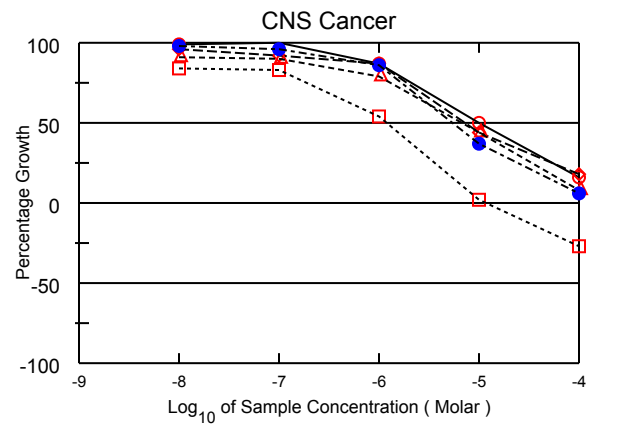
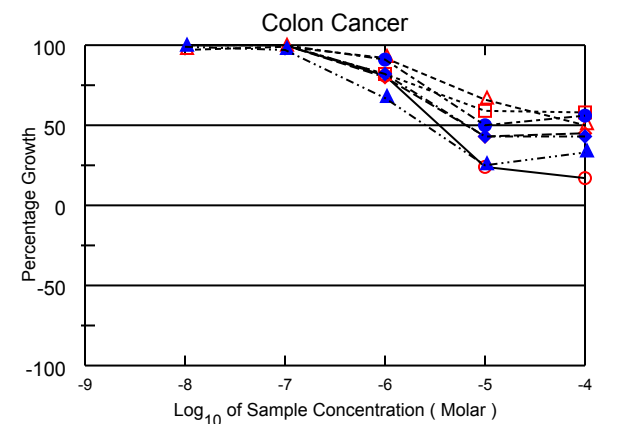
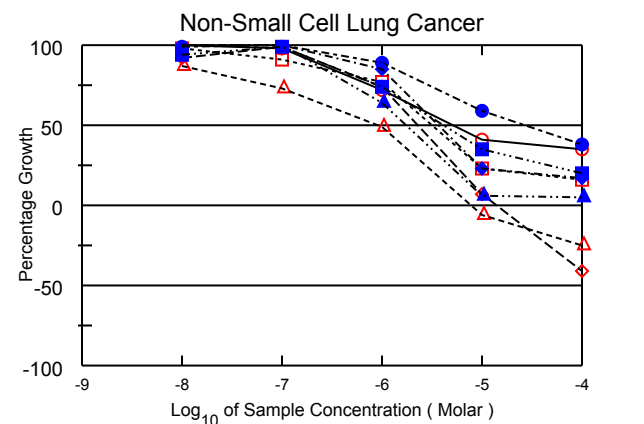
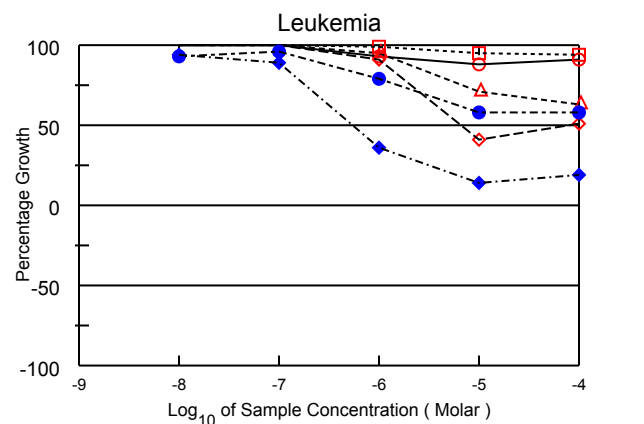
Test Date:September 04, 2012

All Cell Lines



S766292

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 766292 / 1	Experiment ID : 1209NS37	Test Type : 08	Units : Molar
Report Date : May 08, 2013	Test Date : September 04, 2012	QNS :	MC :
COMI : A3553/0150643 (119223)	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	0.287	1.480	1.498	1.554	1.402	1.331	1.370	102	106	93	88	91	> 1.00E-4	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.634	2.288	2.396	2.435	2.136	1.310	1.474	107	109	91	41	51	> 1.00E-4	> 1.00E-4	> 1.00E-4
K-562	0.187	1.376	1.433	1.384	1.316	1.031	0.941	105	101	95	71	63	> 1.00E-4	> 1.00E-4	> 1.00E-4
MOLT-4	0.594	2.084	2.096	2.231	2.064	2.009	2.001	101	110	99	95	94	> 1.00E-4	> 1.00E-4	> 1.00E-4
RPMI-8226	0.353	1.367	1.291	1.330	1.154	0.942	0.944	93	96	79	58	58	> 1.00E-4	> 1.00E-4	> 1.00E-4
SR	0.372	1.499	1.432	1.374	0.775	0.533	0.584	94	89	36	14	19	5.40E-7	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.368	1.835	1.866	1.807	1.429	0.966	0.880	102	98	72	41	35	5.09E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.452	1.180	1.123	1.171	0.993	0.505	0.265	92	99	74	7	-41	2.30E-6	1.41E-5	> 1.00E-4
HOP-92	1.308	1.812	1.747	1.675	1.556	1.229	0.976	87	73	49	-6	-25	9.23E-7	7.77E-6	> 1.00E-4
NCI-H226	0.824	1.436	1.427	1.382	1.295	0.963	0.920	98	91	77	23	16	3.13E-6	> 1.00E-4	> 1.00E-4
NCI-H23	0.872	2.219	2.203	2.255	2.069	1.664	1.382	99	103	89	59	38	2.62E-5	> 1.00E-4	> 1.00E-4
NCI-H322M	0.797	1.762	1.793	1.821	1.618	1.017	0.959	103	106	85	23	17	3.65E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.344	2.650	2.712	2.641	1.819	0.476	0.454	103	100	64	6	5	1.74E-6	> 1.00E-4	> 1.00E-4
NCI-H522	0.997	2.012	1.955	2.003	1.751	1.350	1.198	94	99	74	35	20	4.12E-6	> 1.00E-4	> 1.00E-4
Colon Cancer															
COLO 205	0.394	1.373	1.395	1.392	1.185	0.630	0.562	102	102	81	24	17	3.49E-6	> 1.00E-4	> 1.00E-4
HCC-2998	1.077	2.775	2.821	2.856	2.444	1.801	1.848	103	105	80	43	45	6.38E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.154	1.364	1.322	1.351	1.264	0.953	0.765	97	99	92	66	50	> 1.00E-4	> 1.00E-4	> 1.00E-4
HCT-15	0.338	1.480	1.513	1.526	1.277	1.018	0.998	103	104	82	59	58	> 1.00E-4	> 1.00E-4	> 1.00E-4
HT29	0.187	1.055	1.065	1.076	0.974	0.624	0.675	101	102	91	50	56	> 1.00E-4	> 1.00E-4	> 1.00E-4
KM12	0.519	2.202	2.250	2.277	1.893	1.251	1.245	103	104	82	43	43	6.75E-6	> 1.00E-4	> 1.00E-4
SW-620	0.480	2.899	2.868	2.825	2.101	1.094	1.271	99	97	67	25	33	2.56E-6	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.886	2.272	2.260	2.319	2.097	1.578	1.105	99	103	87	50	16	9.95E-6	> 1.00E-4	> 1.00E-4
SF-539	0.907	2.260	2.207	2.152	2.079	1.496	1.153	96	92	87	44	18	7.07E-6	> 1.00E-4	> 1.00E-4
SNB-19	0.800	2.336	2.202	2.181	2.010	1.474	0.924	91	90	79	44	8	6.66E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.879	1.803	1.656	1.644	1.380	0.901	0.640	84	83	54	2	-27	1.20E-6	1.20E-5	> 1.00E-4
U251	0.512	2.347	2.309	2.282	2.096	1.191	0.621	98	96	86	37	6	5.44E-6	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.356	1.782	1.778	1.653	1.683	1.266	1.014	100	91	93	64	46	6.04E-5	> 1.00E-4	> 1.00E-4
MALME-3M	0.578	1.000	0.988	0.988	0.975	0.794	0.751	97	97	94	51	41	1.31E-5	> 1.00E-4	> 1.00E-4
M14	0.488	1.636	1.678	1.689	1.433	0.736	0.842	104	105	82	22	31	3.40E-6	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.407	1.712	1.679	1.722	0.693	0.305	0.417	97	101	22	-25	1	4.40E-7		> 1.00E-4
SK-MEL-2	0.749	1.317	1.326	1.382	1.353	1.025	0.883	102	111	106	49	24	9.42E-6	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.529	1.534	1.506	1.514	1.351	0.941	0.932	97	98	82	41	40	6.00E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.589	2.828	2.731	2.686	2.476	1.827	1.602	96	94	84	55	45	3.34E-5	> 1.00E-4	> 1.00E-4
UACC-257	0.760	1.549	1.538	1.523	1.408	1.216	1.268	99	97	82	58	64	> 1.00E-4	> 1.00E-4	> 1.00E-4
UACC-62	0.899	2.857	2.789	2.828	2.292	1.485	1.398	97	98	71	30	25	3.26E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.665	1.848	1.882	1.895	1.683	1.298	0.859	103	104	86	53	16	1.24E-5	> 1.00E-4	> 1.00E-4
OVCAR-3	0.548	1.569	1.670	1.642	1.614	1.351	1.266	110	107	104	79	70	> 1.00E-4	> 1.00E-4	> 1.00E-4
OVCAR-4	0.575	1.222	1.171	1.172	1.089	0.844	0.813	92	92	79	41	37	5.96E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.642	1.366	1.352	1.319	1.230	0.950	0.880	98	94	81	43	33	6.40E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.478	1.938	1.934	1.869	1.810	1.271	1.162	100	95	91	54	47	3.77E-5	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.650	1.892	1.922	1.940	1.544	1.053	1.004	102	104	72	32	29	3.59E-6	> 1.00E-4	> 1.00E-4
SK-OV-3	0.583	1.382	1.369	1.405	1.177	0.632	0.517	98	103	74	6	-11	2.27E-6	2.23E-5	> 1.00E-4
Renal Cancer															
786-0	0.506	1.870	1.884	1.892	1.605	0.781	0.441	101	102	81	20	-13	3.21E-6	4.06E-5	> 1.00E-4
A498	1.553	2.394	2.374	2.277	2.044	1.248	1.147	98	86	58	-20	-26	1.28E-6	5.60E-6	> 1.00E-4
ACHN	0.395	1.424	1.482	1.430	1.268	0.720	0.635	106	101	85	32	23	4.50E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.736	2.447	2.374	2.371	1.984	1.053	1.031	96	96	73	18	17	2.64E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.701	1.150	1.122	1.096	0.979	0.582	0.304	94	88	62	-17	-57	1.42E-6	6.09E-6	6.80E-5
SN12C	0.726	2.928	2.794	2.823	2.388	1.651	1.543	94	95	75	42	37	5.77E-6	> 1.00E-4	> 1.00E-4
TK-10	0.763	1.578	1.560	1.643	1.506	1.097	0.687	98	108	91	41	-10	6.60E-6	6.36E-5	> 1.00E-4
UO-31	0.770	1.816	1.725	1.751	1.547	1.055	0.977	91	94	74	27	20	3.28E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.433	1.401	1.359	1.370	1.179	0.884	0.815	96	97	77	47	39	7.70E-6	> 1.00E-4	> 1.00E-4
DU-145	0.502	1.728	1.797	1.836	1.658	0.808	0.747	106	109	94	25	20	4.35E-6	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.384	2.136	1.962	1.968	1.966	1.527	1.271	90	90	90	65	51	> 1.00E-4	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.638	1.695	1.639	1.744	1.377	1.060	0.911	95	105	70	40	26	4.59E-6	> 1.00E-4	> 1.00E-4
HS 578T	1.371	2.489	2.388	2.343	2.205	1.627	1.550	91	87	75	23	16	2.99E-6	> 1.00E-4	> 1.00E-4
BT-549	0.761	1.623	1.668	1.667	1.431	1.037	0.927	105	105	78	32	19	4.03E-6	> 1.00E-4	> 1.00E-4
T-47D	0.672	1.351	1.361	1.369	1.334	1.116	0.937	101	103	97	65	39	3.82E-5	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.700	1.503	1.412	1.397	0.990	0.652	0.582	89	87	36	-7	-17	5.33E-7	6.93E-6	> 1.00E-4

Mean Graphs

Report Date :May 08, 2013

Test Date :September 04, 2012

