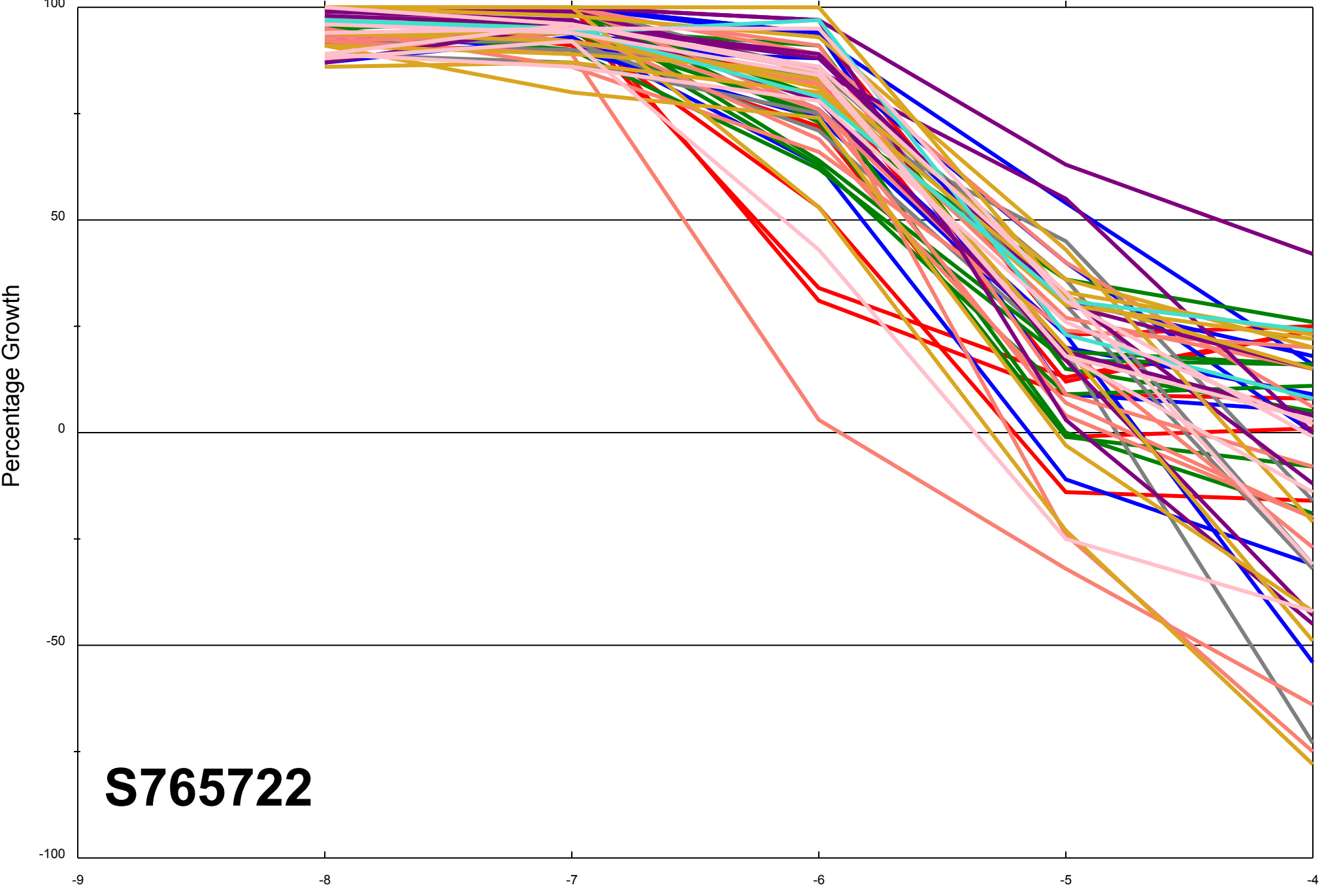


Dose Response Curves

Report Date:May 08, 2013

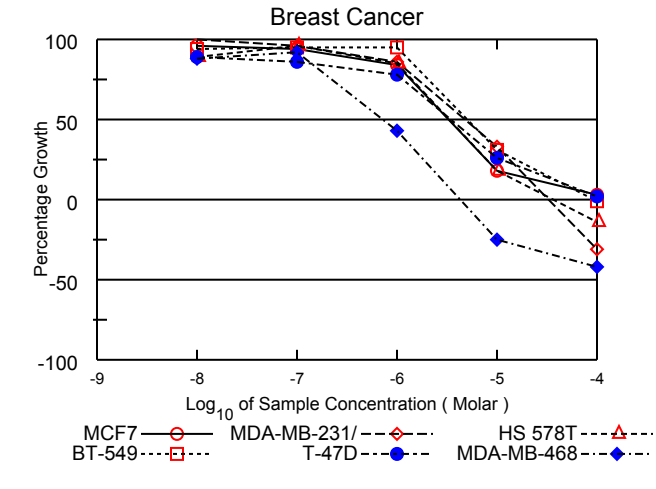
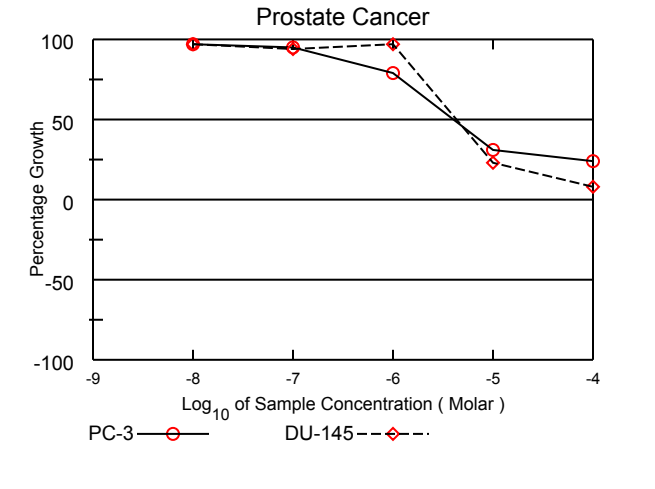
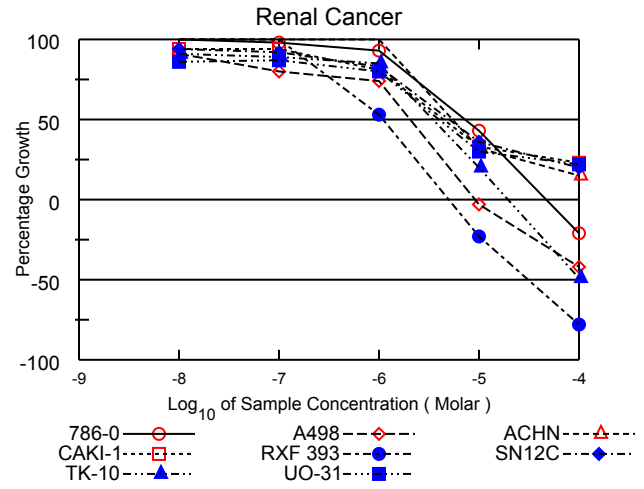
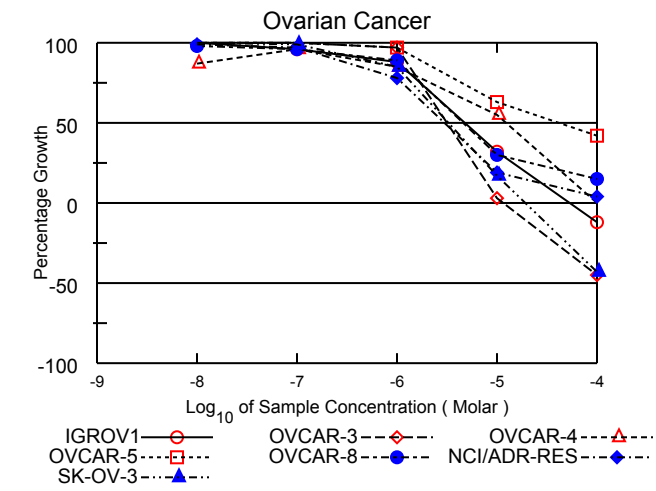
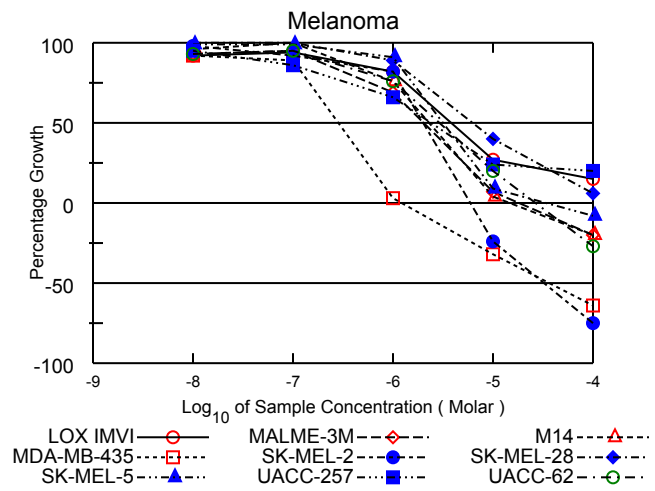
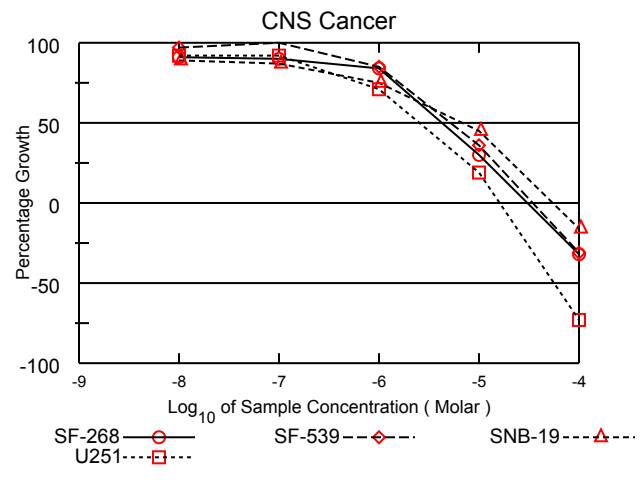
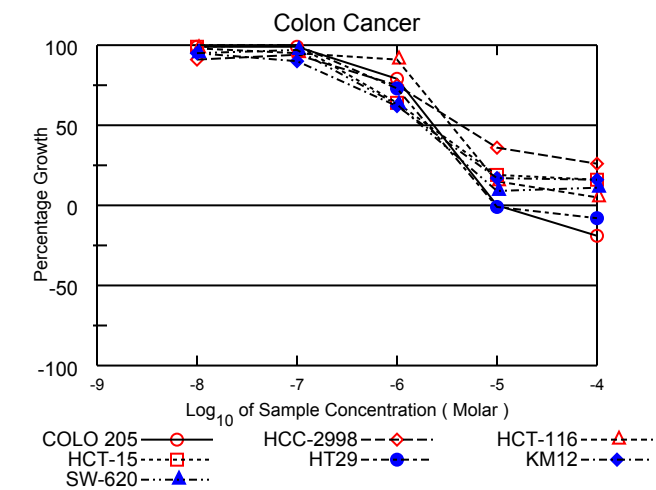
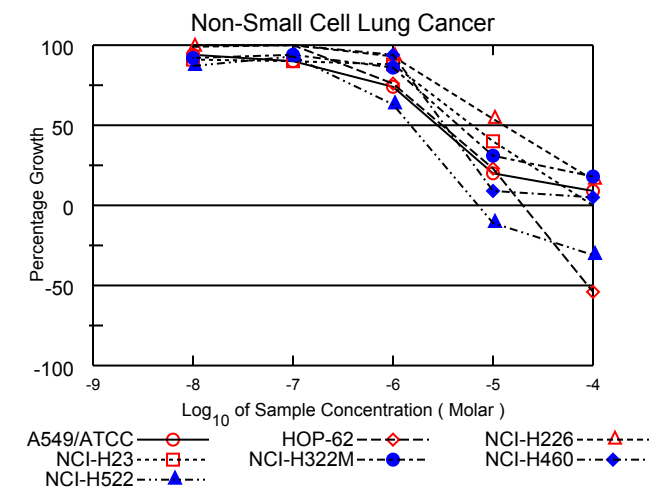
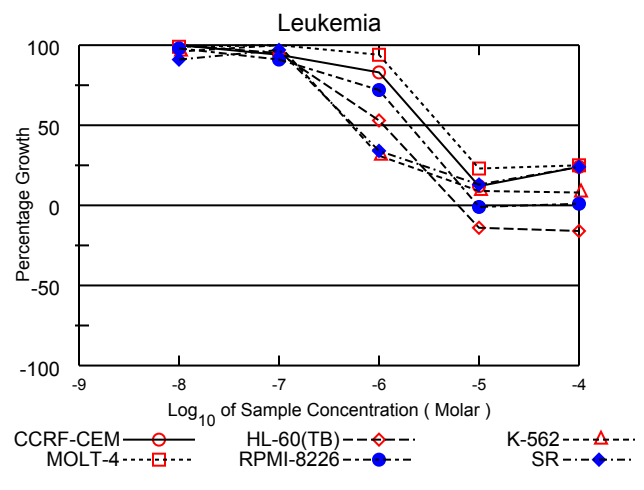
Test Date:July 23, 2012

All Cell Lines



S765722

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 765722 / 1	Experiment ID : 1207NS11	Test Type : 08	Units : Molar
Report Date : May 08, 2013	Test Date : July 23, 2012	QNS :	MC :
COMI : A3502/0148421 (118898)	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	0.516	1.879	1.914	1.797	1.652	0.676	0.843	103	94	83	12	24	2.92E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.673	2.220	2.249	2.144	1.489	0.577	0.564	102	95	53	-14	-16	1.10E-6	6.12E-6	> 1.00E-4
K-562	0.353	2.349	2.273	2.427	0.971	0.541	0.521	96	104	31	9	8	5.49E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.609	2.006	1.998	2.036	1.920	0.933	0.955	99	102	94	23	25	4.17E-6	> 1.00E-4	> 1.00E-4
SRPMI-8226	0.999	2.394	2.363	2.272	2.004	0.986	1.018	98	91	72	-1	1	2.00E-6	.	> 1.00E-4
SR	0.194	0.651	0.612	0.635	0.349	0.253	0.303	91	97	34	13	24	5.54E-7	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.413	1.668	1.596	1.548	1.338	0.662	0.526	94	90	74	20	9	2.75E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.514	1.544	1.542	1.542	1.296	0.756	0.238	100	100	76	23	-54	3.12E-6	2.01E-5	8.93E-5
NCI-H226	0.746	2.174	2.165	2.216	2.069	1.519	0.968	99	103	93	54	16	1.28E-5	> 1.00E-4	> 1.00E-4
NCI-H23	1.173	3.013	2.855	2.831	2.800	1.902	1.176	91	90	88	40	.	6.12E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.689	1.560	1.492	1.504	1.437	0.961	0.846	92	94	86	31	18	4.53E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.271	2.576	2.673	2.629	2.447	0.483	0.392	104	102	94	9	5	3.32E-6	> 1.00E-4	> 1.00E-4
NCI-H522	0.986	1.829	1.724	1.767	1.521	0.881	0.684	87	93	63	-11	-31	1.52E-6	7.18E-6	> 1.00E-4
Colon Cancer															
COLO 205	0.374	1.211	1.200	1.203	1.036	0.373	0.302	99	99	79	.	-19	2.32E-6	9.88E-6	> 1.00E-4
HCC-2998	0.542	1.552	1.458	1.496	1.296	0.911	0.801	91	94	75	36	26	4.43E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.192	1.750	1.725	1.664	1.605	0.430	0.273	98	95	91	15	5	3.46E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.249	1.961	1.943	1.970	1.349	0.583	0.519	99	101	64	19	16	2.08E-6	> 1.00E-4	> 1.00E-4
HT29	0.300	1.441	1.436	1.460	1.128	0.298	0.276	100	102	73	-1	-8	2.03E-6	9.74E-6	> 1.00E-4
KM12	0.515	2.468	2.375	2.271	1.719	0.855	0.818	95	90	62	17	16	1.83E-6	> 1.00E-4	> 1.00E-4
SW-620	0.251	2.051	1.954	1.995	1.388	0.414	0.454	95	97	63	9	11	1.75E-6	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.737	2.036	1.922	1.907	1.834	1.133	0.498	91	90	84	30	-32	4.35E-6	3.05E-5	> 1.00E-4
SF-539	0.797	2.810	2.750	2.867	2.514	1.514	0.553	97	103	85	36	-31	5.14E-6	3.45E-5	> 1.00E-4
SNB-19	0.753	2.151	2.003	1.965	1.808	1.378	0.636	89	87	75	45	-16	6.72E-6	5.52E-5	> 1.00E-4
U251	0.678	2.254	2.133	2.122	1.800	0.972	0.185	92	92	71	19	-73	2.53E-6	1.60E-5	5.63E-5
Melanoma															
LOX IMVI	0.552	2.914	2.737	2.770	2.499	1.195	0.910	92	94	82	27	15	3.87E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.673	1.297	1.254	1.266	1.103	0.714	0.540	93	95	69	7	-20	2.01E-6	1.78E-5	> 1.00E-4
M14	0.425	1.761	1.710	1.770	1.435	0.475	0.339	96	101	76	4	-20	2.27E-6	1.43E-5	> 1.00E-4
MDA-MB-435	0.396	1.790	1.677	1.632	0.441	0.268	0.145	92	89	3	-32	-64	2.83E-7	1.23E-6	3.69E-5
SK-MEL-2	1.283	2.234	2.213	2.155	2.059	0.969	0.323	98	92	82	-24	-75	1.98E-6	5.88E-6	3.21E-5
SK-MEL-28	0.449	1.081	1.099	1.108	1.009	0.704	0.487	103	104	89	40	6	6.28E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.729	3.042	3.024	3.016	2.826	0.929	0.674	99	99	91	9	-8	3.13E-6	3.40E-5	> 1.00E-4
UACC-257	0.996	1.789	1.747	1.679	1.516	1.189	1.151	95	86	66	24	20	2.39E-6	> 1.00E-4	> 1.00E-4
UACC-62	0.857	2.828	2.686	2.725	2.362	1.248	0.624	93	95	76	20	-27	2.93E-6	2.64E-5	> 1.00E-4
Ovarian Cancer															
IGROV1	0.662	1.968	1.973	1.912	1.812	1.075	0.585	100	96	88	32	-12	4.72E-6	5.38E-5	> 1.00E-4
OVCAR-3	0.601	1.625	1.666	1.689	1.592	0.634	0.333	104	106	97	3	-45	3.16E-6	1.17E-5	> 1.00E-4
OVCAR-4	0.644	1.101	1.042	1.083	1.034	0.898	0.643	87	96	85	55	.	1.25E-5	9.94E-5	> 1.00E-4
OVCAR-5	0.406	1.255	1.289	1.293	1.230	0.944	0.759	104	104	97	63	42	4.10E-5	> 1.00E-4	> 1.00E-4
OVCAR-8	0.564	1.972	1.937	1.920	1.814	0.990	0.770	98	96	89	30	15	4.60E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.868	2.694	2.680	2.640	2.284	1.216	0.944	99	97	78	19	4	2.96E-6	> 1.00E-4	> 1.00E-4
SK-OV-3	0.651	1.399	1.403	1.392	1.284	0.779	0.368	100	99	85	17	-43	3.25E-6	1.92E-5	> 1.00E-4
Renal Cancer															
786-0	0.732	2.577	2.575	2.543	2.442	1.518	0.581	100	98	93	43	-21	7.11E-6	4.72E-5	> 1.00E-4
A498	1.207	1.922	1.857	1.781	1.736	1.169	0.699	91	80	74	-3	-42	2.04E-6	9.09E-6	> 1.00E-4
ACHN	0.340	1.633	1.700	1.722	1.668	0.752	0.540	105	107	103	32	15	5.54E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.946	3.052	2.931	2.918	2.648	1.634	1.427	94	94	81	33	23	4.37E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.779	1.069	1.071	1.090	0.931	0.596	0.169	101	107	53	-23	-78	1.08E-6	4.91E-6	3.04E-5
SN12C	0.721	2.671	2.546	2.519	2.336	1.414	1.102	94	92	83	36	20	4.94E-6	> 1.00E-4	> 1.00E-4
TK-10	0.770	1.403	1.345	1.333	1.306	0.896	0.394	91	89	85	20	-49	3.42E-6	1.94E-5	> 1.00E-4
UO-31	0.706	2.082	1.891	1.907	1.801	1.113	1.005	86	87	80	30	22	3.90E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.651	1.895	1.855	1.838	1.638	1.037	0.945	97	95	79	31	24	4.04E-6	> 1.00E-4	> 1.00E-4
DU-145	0.333	1.249	1.218	1.191	1.218	0.544	0.408	97	94	97	23	8	4.30E-6	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.380	1.645	1.592	1.574	1.445	0.604	0.415	96	94	84	18	3	3.26E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.625	1.407	1.477	1.378	1.297	0.886	0.433	109	96	86	33	-31	4.81E-6	3.31E-5	> 1.00E-4
HS 578T	0.954	2.071	1.948	2.028	1.906	1.159	0.823	89	96	85	18	-14	3.36E-6	3.72E-5	> 1.00E-4
BT-549	0.918	1.953	1.896	1.903	1.903	1.243	0.913	94	95	95	31	-1	5.10E-6	9.58E-5	> 1.00E-4
T-47D	0.681	1.721	1.608	1.576	1.494	0.948	0.700	89	86	78	26	2	3.43E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.679	1.491	1.398	1.424	1.031	0.510	0.394	88	92	43	-25	-42	7.26E-7	4.31E-6	> 1.00E-4

Mean Graphs

Report Date :May 08, 2013

Test Date :July 23, 2012

