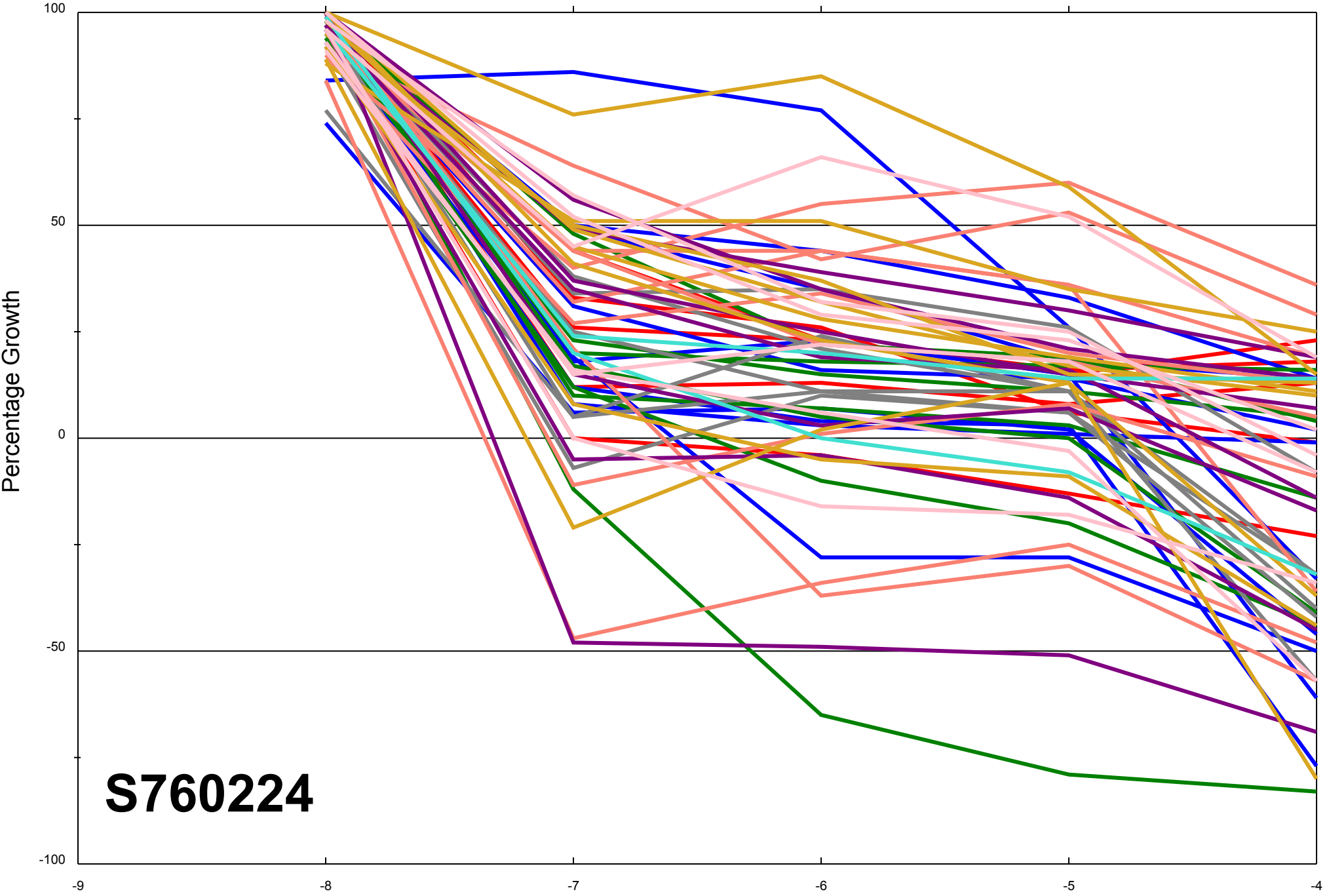


Dose Response Curves

Report Date:December 15, 2011

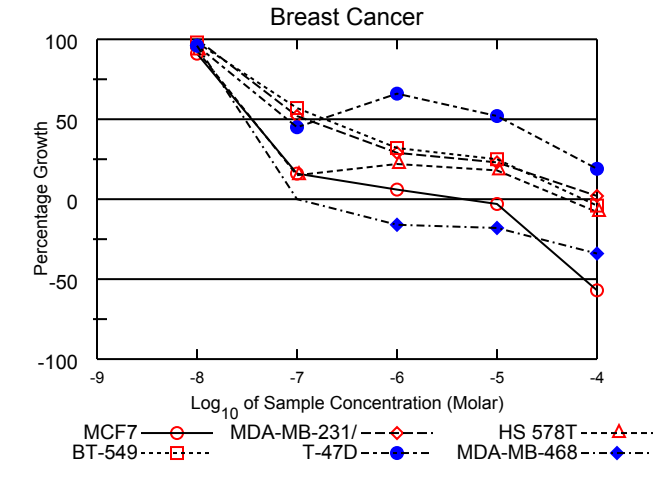
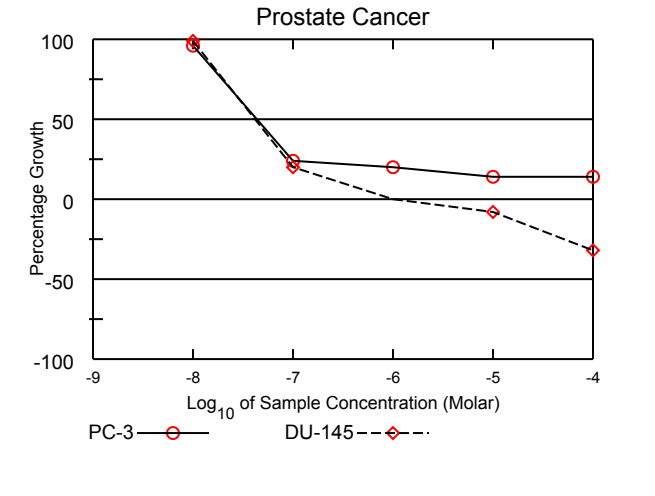
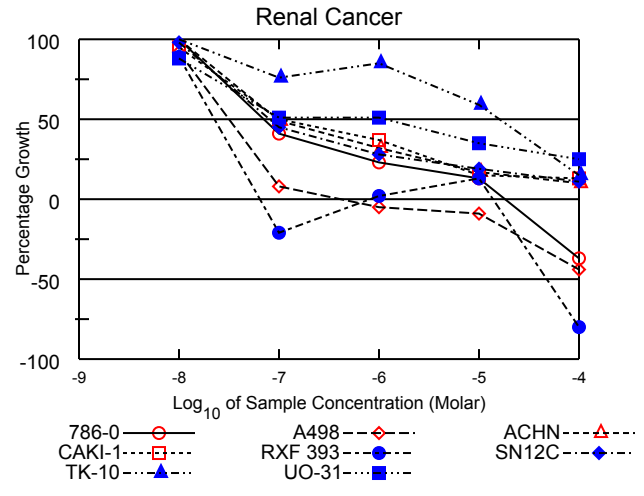
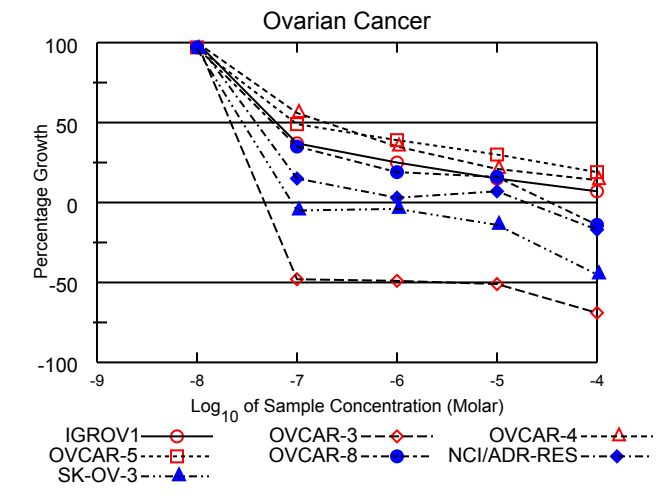
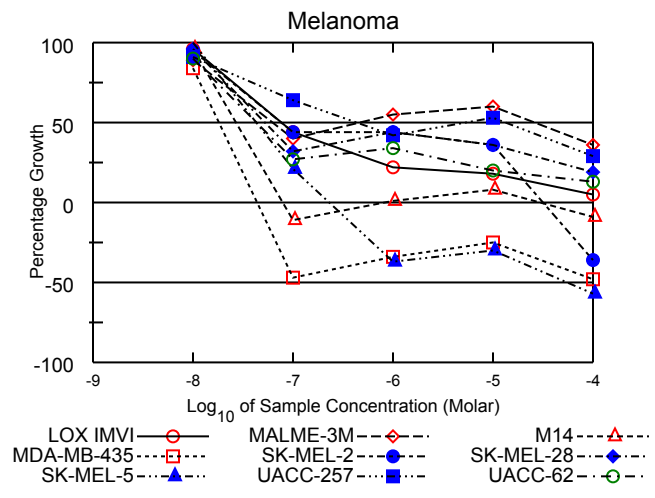
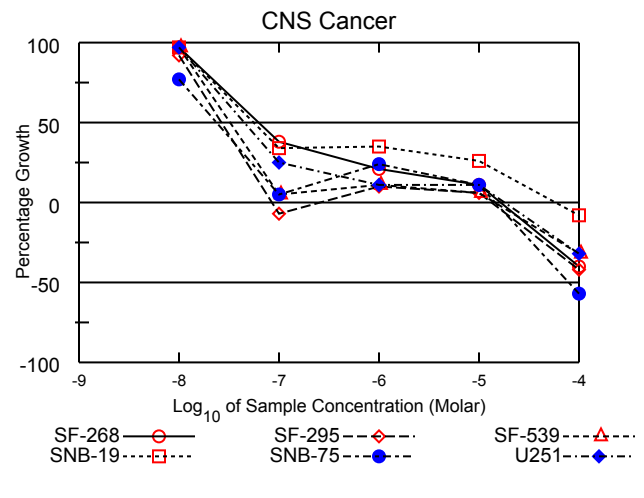
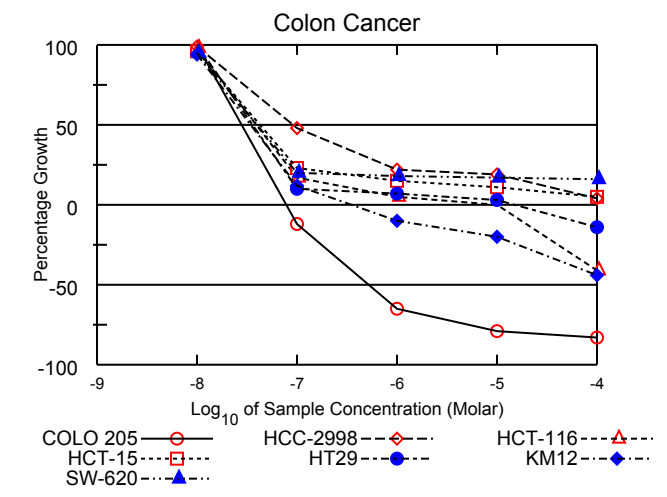
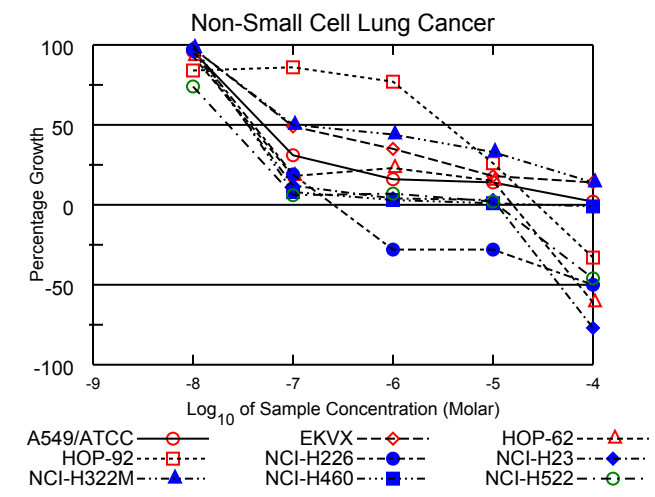
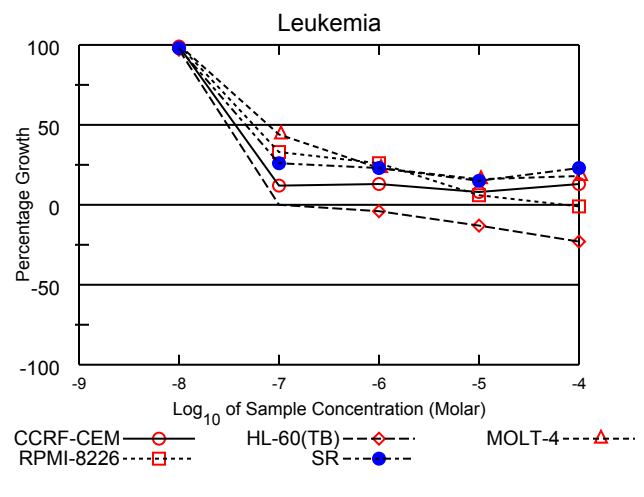
Test Date:August 08, 2011

All Cell Lines



S760224

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 760224 / 1	Experiment ID : 1108NS94	Test Type : 08	Units : Molar
Report Date : December 15, 2011	Test Date : August 08, 2011	QNS :	MC :
COMI : A4536/0194167 (107442)	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	0.251	1.140	1.130	0.360	0.366	0.324	0.367	99	12	13	8	13	3.67E-8	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.563	2.403	2.348	0.563	0.542	0.490	0.436	97	.	-4	-13	-23	3.05E-8	9.98E-8	> 1.00E-4
MOLT-4	0.373	1.649	1.676	0.936	0.671	0.571	0.603	102	44	23	16	18	7.92E-8	> 1.00E-4	> 1.00E-4
RPMI-8226	0.635	1.720	1.756	0.990	0.915	0.702	0.628	103	33	26	6	-1	5.69E-8	6.89E-5	> 1.00E-4
SR	0.140	0.634	0.623	0.268	0.254	0.216	0.252	98	26	23	15	23	4.61E-8	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.362	1.812	1.756	0.810	0.595	0.560	0.393	96	31	16	14	2	5.10E-8	> 1.00E-4	> 1.00E-4
EKVX	0.761	1.663	1.641	1.206	1.077	0.922	0.885	98	49	35	18	14	9.67E-8	> 1.00E-4	> 1.00E-4
HOP-62	0.401	1.115	1.062	0.529	0.565	0.506	0.157	93	18	23	15	-61	3.71E-8	1.56E-5	7.18E-5
HOP-92	1.007	1.291	1.247	1.251	1.225	1.081	0.672	84	86	77	26	-33	3.34E-6	2.74E-5	> 1.00E-4
NCI-H226	0.778	1.695	1.670	0.948	0.559	0.560	0.390	97	19	-28	-28	-50	3.98E-8	2.49E-7	> 1.00E-4
NCI-H23	0.625	2.141	2.081	0.811	0.681	0.665	0.141	96	12	4	3	-77	3.54E-8	1.08E-5	4.54E-5
NCI-H322M	0.719	1.550	1.533	1.133	1.083	0.989	0.832	98	50	44	33	14	9.90E-8	> 1.00E-4	> 1.00E-4
NCI-H460	0.153	1.388	1.401	0.248	0.194	0.163	0.151	101	8	3	1	-1	3.52E-8	2.41E-5	> 1.00E-4
NCI-H522	0.615	1.886	1.561	0.696	0.700	0.646	0.333	74	6	7	2	-46	2.28E-8	1.12E-5	> 1.00E-4
Colon Cancer															
COLO 205	0.255	0.900	0.948	0.224	0.090	0.053	0.044	107	-12	-65	-79	-83	3.02E-8	7.91E-8	5.22E-7
HCC-2998	0.475	1.630	1.624	1.030	0.729	0.691	0.526	99	48	22	19	4	9.16E-8	> 1.00E-4	> 1.00E-4
HCT-116	0.194	1.509	1.488	0.412	0.261	0.200	0.115	98	17	5	.	-41	3.90E-8	1.02E-5	> 1.00E-4
HCT-15	0.326	1.851	1.792	0.673	0.557	0.487	0.408	96	23	15	11	5	4.26E-8	> 1.00E-4	> 1.00E-4
HT29	0.224	1.450	1.549	0.346	0.309	0.263	0.193	108	10	7	3	-14	3.90E-8	1.53E-5	> 1.00E-4
KM12	0.323	1.432	1.363	0.451	0.292	0.259	0.181	94	12	-10	-20	-44	3.40E-8	3.52E-7	> 1.00E-4
SW-620	0.172	1.165	1.118	0.374	0.351	0.346	0.329	95	20	18	17	16	4.02E-8	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.378	1.218	1.195	0.697	0.553	0.474	0.227	97	38	21	11	-40	6.25E-8	1.67E-5	> 1.00E-4
SF-295	0.655	2.192	2.072	0.610	0.816	0.745	0.381	92	-7	10	6	-42	2.67E-8	.	> 1.00E-4
SF-539	0.599	1.655	1.624	0.657	0.720	0.667	0.410	97	5	11	6	-32	3.26E-8	1.47E-5	> 1.00E-4
SNB-19	0.475	1.589	1.551	0.851	0.870	0.769	0.439	97	34	35	26	-8	5.51E-8	5.98E-5	> 1.00E-4
SNB-75	0.910	1.573	1.419	0.940	1.069	0.986	0.393	77	5	24	11	-57	2.34E-8	1.47E-5	7.93E-5
U251	0.342	1.552	1.516	0.639	0.476	0.481	0.231	97	25	11	11	-32	4.45E-8	1.83E-5	> 1.00E-4
Melanoma															
LOX IMVI	0.388	2.180	2.108	1.185	0.784	0.713	0.484	96	44	22	18	5	7.81E-8	> 1.00E-4	> 1.00E-4
MALME-3M	0.723	1.399	1.324	0.997	1.094	1.131	0.969	89	40	55	60	36	.	> 1.00E-4	> 1.00E-4
M14	0.388	1.305	1.269	0.346	0.400	0.466	0.352	96	-11	1	8	-9	2.70E-8	.	> 1.00E-4
MDA-MB-435	0.444	1.918	1.689	0.234	0.292	0.334	0.229	84	-47	-34	-25	-48	1.83E-8	4.38E-8	> 1.00E-4
SK-MEL-2	0.714	1.463	1.428	1.043	1.043	0.984	0.454	95	44	44	36	-36	7.62E-8	3.14E-5	> 1.00E-4
SK-MEL-28	0.435	1.166	1.140	0.671	0.755	0.700	0.577	96	32	44	36	19	5.30E-8	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.614	2.243	2.254	0.961	0.384	0.432	0.262	101	21	-37	-30	-57	4.35E-8	2.30E-7	5.44E-5
UACC-257	0.884	2.196	2.075	1.721	1.438	1.576	1.262	91	64	42	53	29	.	> 1.00E-4	> 1.00E-4
UACC-62	0.568	2.249	2.087	1.022	1.141	0.907	0.785	90	27	34	20	13	4.33E-8	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.428	1.509	1.540	0.823	0.696	0.595	0.507	103	37	25	15	7	6.27E-8	> 1.00E-4	> 1.00E-4
OVCAR-3	0.347	0.923	0.922	0.180	0.177	0.170	0.108	100	-48	-49	-51	-69	2.17E-8	4.72E-8	3.16E-6
OVCAR-4	0.543	1.008	1.027	0.802	0.705	0.639	0.610	104	56	35	21	14	1.87E-7	> 1.00E-4	> 1.00E-4
OVCAR-5	0.467	1.182	1.159	0.815	0.744	0.682	0.606	97	49	39	30	19	9.36E-8	> 1.00E-4	> 1.00E-4
OVCAR-8	0.433	1.986	1.935	0.981	0.721	0.678	0.372	97	35	19	16	-14	5.75E-8	3.35E-5	> 1.00E-4
NCI/ADR-RES	0.455	1.555	1.563	0.620	0.484	0.529	0.378	101	15	3	7	-17	3.91E-8	1.91E-5	> 1.00E-4
SK-OV-3	0.536	1.112	1.090	0.512	0.516	0.459	0.293	96	-5	-4	-14	-45	2.87E-8	9.01E-8	> 1.00E-4
Renal Cancer															
786-0	0.680	2.224	2.248	1.316	1.037	0.881	0.427	102	41	23	13	-37	7.14E-8	1.81E-5	> 1.00E-4
A498	1.031	1.658	1.610	1.079	0.978	0.942	0.578	92	8	-5	-9	-44	3.16E-8	3.94E-7	> 1.00E-4
ACHN	0.269	1.096	1.116	0.678	0.531	0.406	0.354	102	49	32	17	10	9.78E-8	> 1.00E-4	> 1.00E-4
CAKI-1	0.902	2.201	2.131	1.556	1.383	1.102	1.070	95	50	37	15	13	1.06E-7	> 1.00E-4	> 1.00E-4
RXF 393	0.810	1.290	1.237	0.636	0.821	0.874	0.163	89	-21	2	13	-80	2.26E-8	.	4.77E-5
SN12C	0.456	1.812	1.788	1.063	0.839	0.709	0.603	98	45	28	19	11	7.99E-8	> 1.00E-4	> 1.00E-4
TK-10	0.760	1.541	1.551	1.352	1.422	1.218	0.877	101	76	85	59	15	1.58E-5	> 1.00E-4	> 1.00E-4
UO-31	0.627	1.559	1.448	1.103	1.103	0.954	0.864	88	51	51	35	25	1.16E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.480	1.574	1.535	0.742	0.703	0.629	0.630	96	24	20	14	14	4.37E-8	> 1.00E-4	> 1.00E-4
DU-145	0.322	1.318	1.308	0.524	0.324	0.298	0.218	99	20	.	-8	-32	4.19E-8	1.06E-6	> 1.00E-4
Breast Cancer															
MCF7	0.289	1.532	1.418	0.491	0.367	0.280	0.124	91	16	6	-3	-57	3.53E-8	4.52E-6	7.33E-5
MDA-MB-231/ATCC	0.562	1.413	1.494	1.005	0.810	0.760	0.583	110	52	29	23	2	1.23E-7	> 1.00E-4	> 1.00E-4
HS 578T	0.700	1.458	1.403	0.813	0.864	0.840	0.648	93	15	22	18	-8	3.53E-8	5.13E-5	> 1.00E-4
BT-549	0.876	1.896	1.880	1.457	1.202	1.130	0.840	98	57	32	25	-4	1.89E-7	7.22E-5	> 1.00E-4
T-47D	0.507	1.205	1.176	0.824	0.970	0.870	0.643	96	45	66	52	19	.	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.555	0.949	0.935	0.556	0.468	0.454	0.368	96	.	-16	-18	-34	3.03E-8	1.04E-7	> 1.00E-4

Mean Graphs

Report Date :December 15, 2011

Test Date :August 08, 2011

