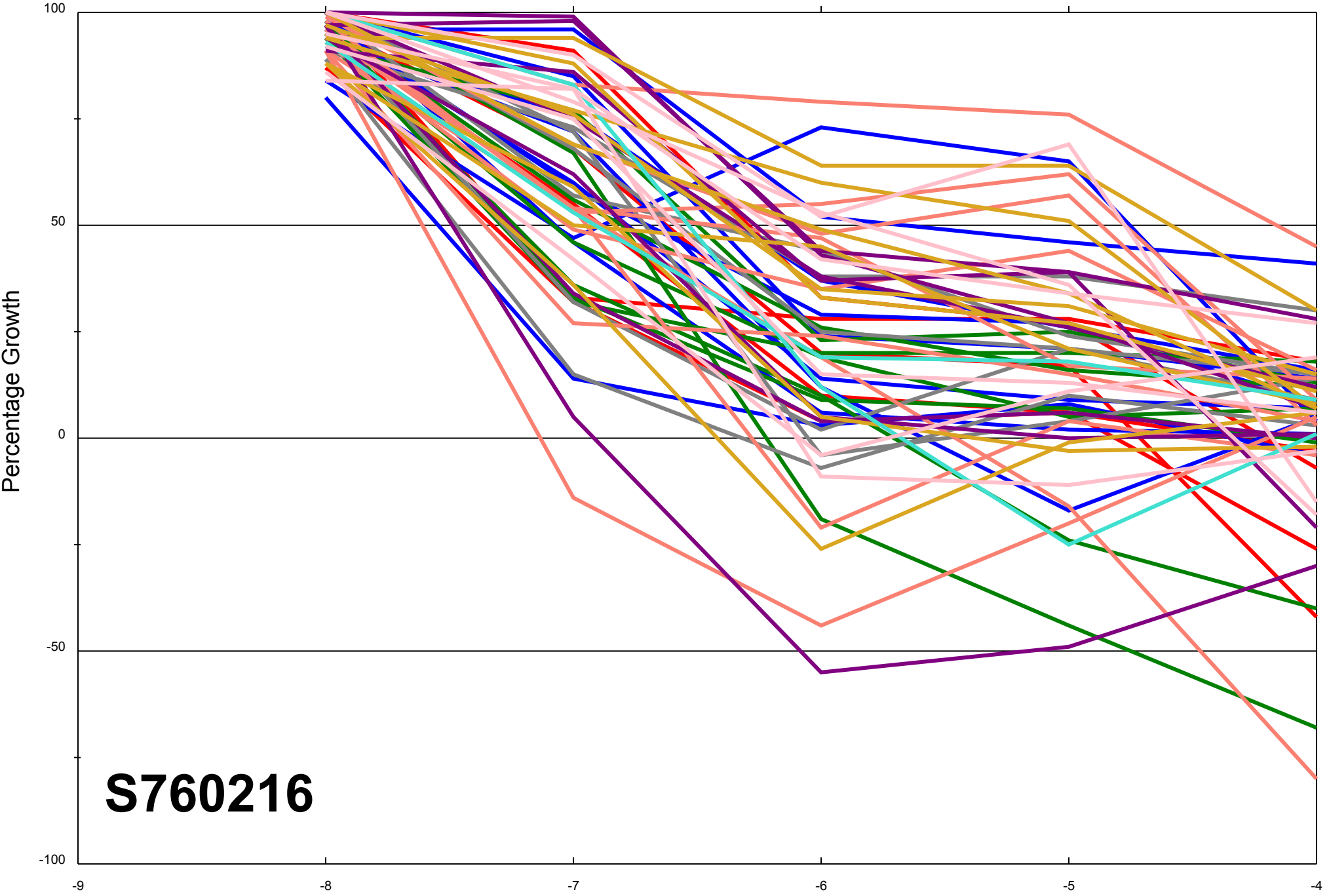


Dose Response Curves

Report Date:December 15, 2011

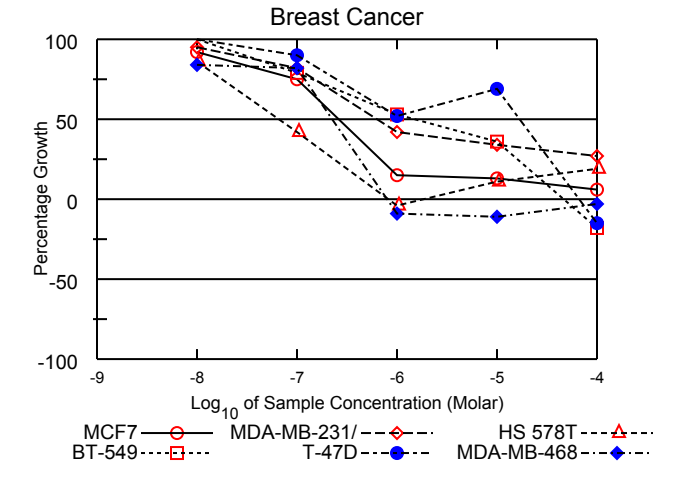
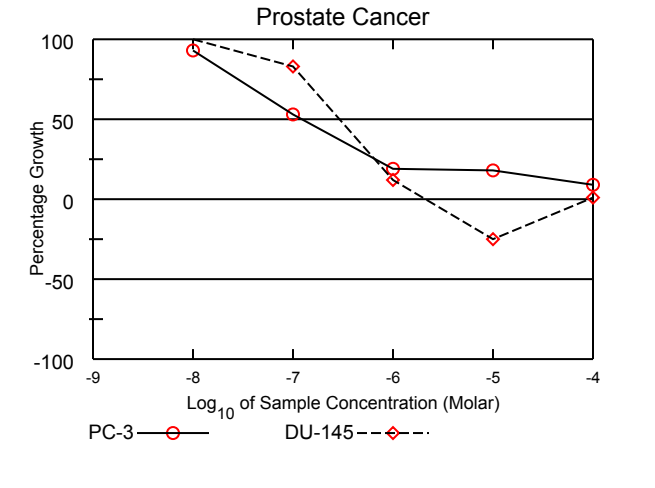
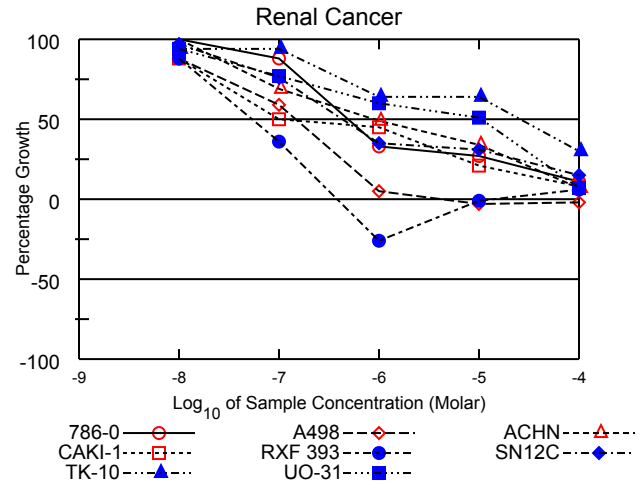
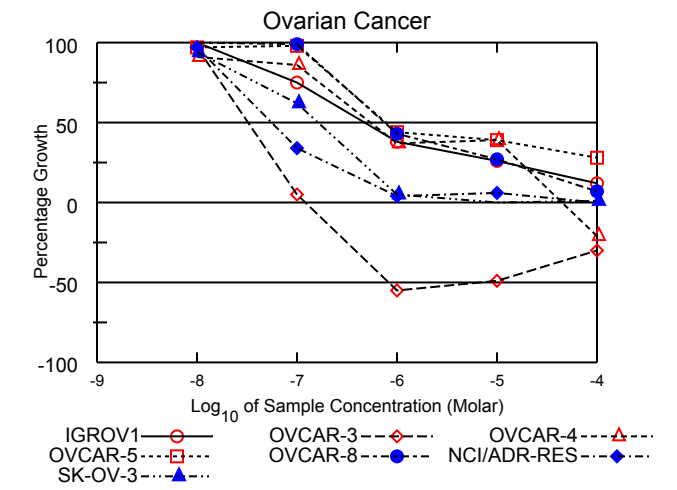
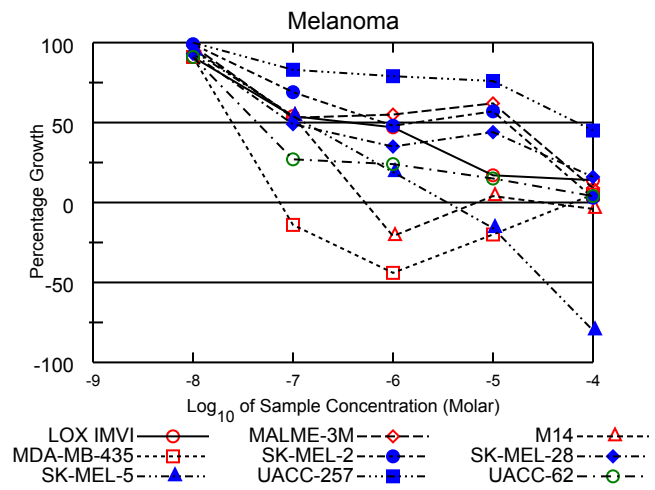
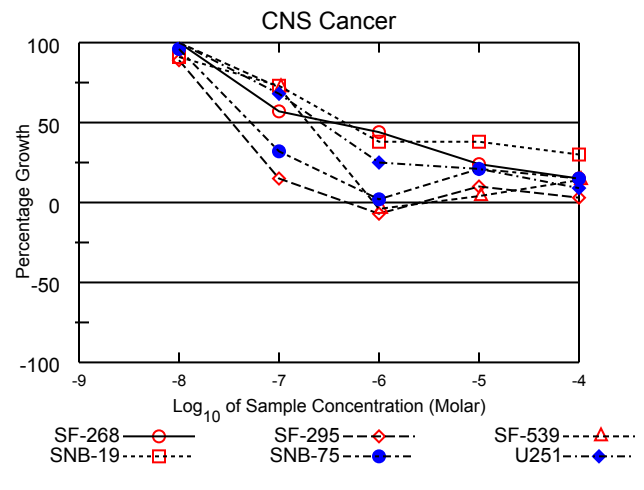
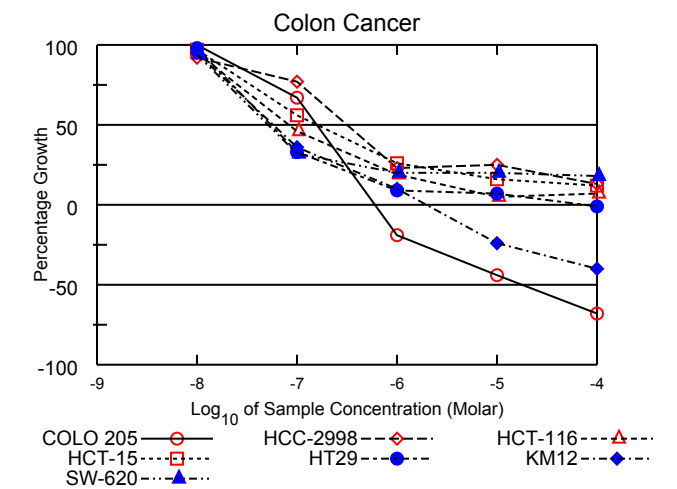
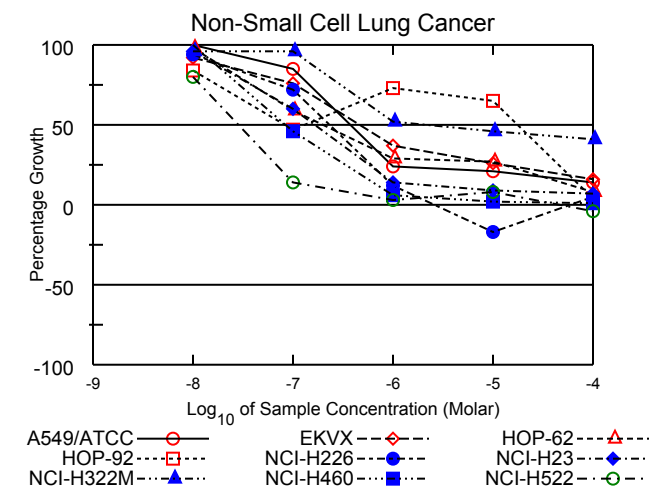
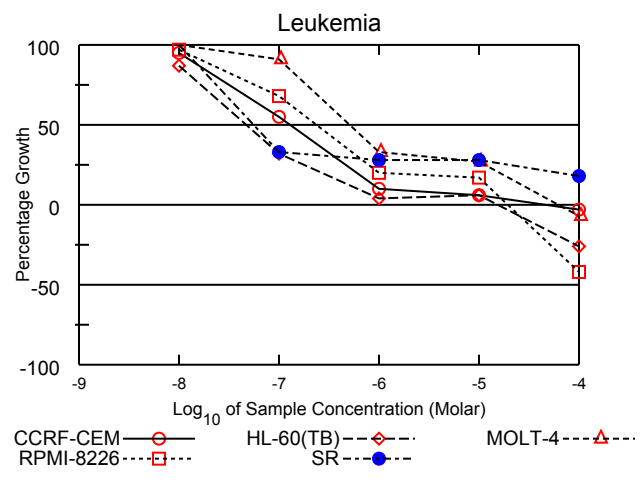
Test Date:August 08, 2011

All Cell Lines



S760216

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

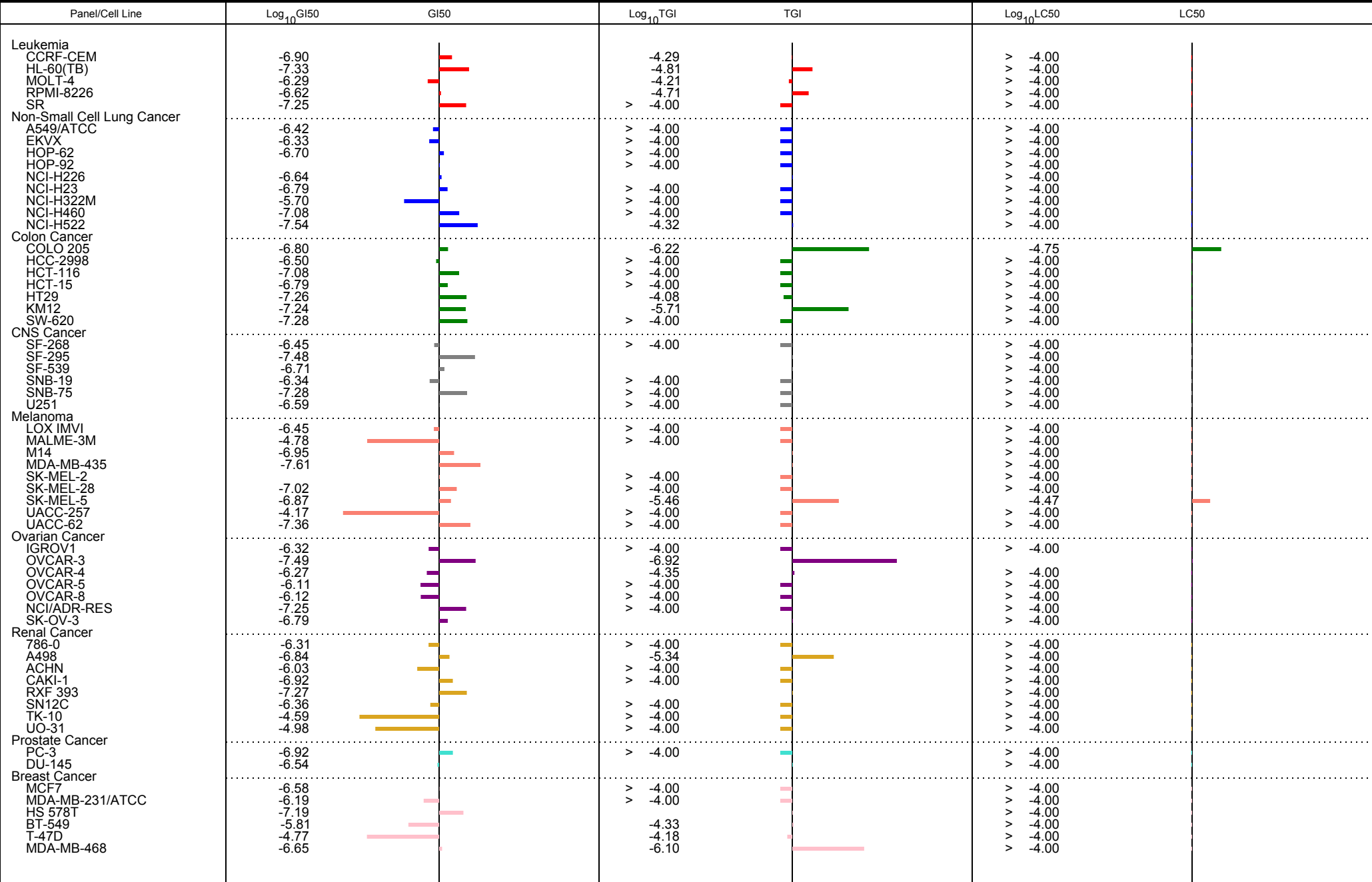
NSC : 760216 / 1	Experiment ID : 1108NS94	Test Type : 08	Units : Molar
Report Date : December 15, 2011	Test Date : August 08, 2011	QNS :	MC :
COMI : A4179/0178061 (107432)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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	0.251	1.084	1.042	0.705	0.331	0.304	0.245	95	55	10	6	-3	1.26E-7	5.14E-5	> 1.00E-4	
HL-60(TB)	0.563	2.182	1.977	1.080	0.631	0.665	0.416	87	32	4	6	-26	4.72E-8	1.56E-5	> 1.00E-4	
MOLT-4	0.373	1.717	1.751	1.593	0.819	0.735	0.346	103	91	33	27	-7	5.10E-7	6.10E-5	> 1.00E-4	
RPMI-8226	0.635	1.605	1.573	1.293	0.832	0.800	0.370	97	68	20	17	-42	2.38E-7	1.95E-5	> 1.00E-4	
SR	0.140	0.674	0.674	0.317	0.292	0.287	0.236	100	33	28	28	18	5.58E-8	> 1.00E-4	> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.362	1.780	1.831	1.564	0.707	0.663	0.555	104	85	24	21	14	3.76E-7	> 1.00E-4	> 1.00E-4	
EKVX	0.761	1.557	1.492	1.366	1.057	0.972	0.885	92	76	37	26	16	4.67E-7	> 1.00E-4	> 1.00E-4	
HOP-62	0.401	1.111	1.094	0.820	0.609	0.592	0.459	98	59	29	27	8	2.01E-7	> 1.00E-4	> 1.00E-4	
HOP-92	1.007	1.290	1.244	1.141	1.215	1.192	1.018	84	47	73	65	4	.	> 1.00E-4	> 1.00E-4	
NCI-H226	0.778	1.687	1.636	1.429	0.886	0.644	0.822	94	72	12	-17	5	2.30E-7	.	> 1.00E-4	
NCI-H23	0.625	2.061	2.005	1.483	0.819	0.750	0.731	96	60	14	9	7	1.63E-7	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.719	1.564	1.534	1.527	1.156	1.107	1.063	96	96	52	46	41	1.99E-6	> 1.00E-4	> 1.00E-4	
NCI-H460	0.153	1.342	1.336	0.696	0.223	0.175	0.162	100	46	6	2	1	8.30E-8	> 1.00E-4	> 1.00E-4	
NCI-H522	0.615	1.952	1.688	0.805	0.654	0.725	0.591	80	14	3	8	-4	2.87E-8	4.76E-5	> 1.00E-4	
Colon Cancer																
COLO 205	0.255	0.900	0.910	0.688	0.207	0.143	0.083	102	67	-19	-44	-68	1.58E-7	6.02E-7	1.78E-5	
HCC-2998	0.475	1.643	1.550	1.369	0.746	0.771	0.627	92	77	23	25	13	3.14E-7	> 1.00E-4	> 1.00E-4	
HCT-116	0.194	1.419	1.359	0.760	0.426	0.257	0.275	95	46	19	5	7	8.35E-8	> 1.00E-4	> 1.00E-4	
HCT-15	0.326	1.814	1.771	1.163	0.713	0.564	0.499	97	56	26	16	12	1.61E-7	> 1.00E-4	> 1.00E-4	
HT29	0.224	1.394	1.365	0.610	0.329	0.311	0.223	98	33	9	7	-1	5.45E-8	8.26E-5	> 1.00E-4	
KM12	0.323	1.318	1.264	0.678	0.420	0.247	0.194	95	36	10	-24	-40	5.70E-8	1.96E-6	> 1.00E-4	
SW-620	0.172	1.090	1.037	0.469	0.352	0.358	0.341	94	32	20	20	18	5.19E-8	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.378	1.197	1.215	0.845	0.740	0.575	0.500	102	57	44	24	15	3.51E-7	> 1.00E-4	> 1.00E-4	
SF-295	0.655	2.152	1.985	0.877	0.612	0.802	0.693	89	15	-7	10	3	3.35E-8	.	> 1.00E-4	
SF-539	0.599	1.605	1.613	1.325	0.573	0.636	0.741	101	72	-4	4	14	1.95E-7	.	> 1.00E-4	
SNB-19	0.475	1.583	1.486	1.288	0.895	0.901	0.813	91	73	38	38	30	4.56E-7	> 1.00E-4	> 1.00E-4	
SNB-75	0.910	1.578	1.553	1.126	0.923	1.051	1.008	96	32	2	21	15	5.27E-8	> 1.00E-4	> 1.00E-4	
U251	0.342	1.515	1.530	1.134	0.638	0.583	0.451	101	68	25	21	9	2.60E-7	> 1.00E-4	> 1.00E-4	
Melanoma																
LOX IMVI	0.388	2.100	1.952	1.312	1.189	0.671	0.621	91	54	47	17	14	3.58E-7	> 1.00E-4	> 1.00E-4	
MALME-3M	0.723	1.371	1.356	1.067	1.080	1.122	0.784	98	53	55	62	9	1.67E-5	> 1.00E-4	> 1.00E-4	
M14	0.388	1.269	1.235	0.860	0.306	0.426	0.372	96	54	-21	4	-4	1.12E-7	.	> 1.00E-4	
MDA-MB-435	0.444	1.819	1.691	0.382	0.249	0.356	0.516	91	-14	-44	-20	5	2.45E-8	.	> 1.00E-4	
SK-MEL-2	0.714	1.469	1.464	1.238	1.079	1.145	0.736	99	69	48	57	3	.	> 1.00E-4	> 1.00E-4	
SK-MEL-28	0.435	1.137	1.089	0.780	0.680	0.745	0.547	93	49	35	44	16	9.58E-8	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.614	2.170	2.096	1.462	0.909	0.513	0.122	95	54	19	-16	-80	1.34E-7	3.43E-6	3.36E-5	
UACC-257	0.884	1.991	2.002	1.802	1.761	1.722	1.378	101	83	79	76	45	6.70E-5	> 1.00E-4	> 1.00E-4	
UACC-62	0.568	2.256	2.107	1.022	0.975	0.822	0.630	91	27	24	15	4	4.37E-8	> 1.00E-4	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.428	1.528	1.535	1.254	0.851	0.711	0.559	101	75	38	26	12	4.83E-7	> 1.00E-4	> 1.00E-4	
OVCAR-3	0.347	0.883	0.865	0.374	0.156	0.179	0.243	97	5	-55	-49	-30	3.23E-8	1.21E-7	.	
OVCAR-4	0.543	1.003	0.963	0.941	0.711	0.721	0.428	91	86	37	39	-21	5.38E-7	4.42E-5	> 1.00E-4	
OVCAR-5	0.467	1.195	1.171	1.178	0.787	0.754	0.673	97	98	44	39	28	7.72E-7	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.433	1.807	1.861	1.799	1.029	0.809	0.535	104	99	43	27	7	7.61E-7	> 1.00E-4	> 1.00E-4	
NCI/ADR-RES	0.455	1.512	1.475	0.816	0.500	0.515	0.455	97	34	4	6	.	5.57E-8	> 1.00E-4	> 1.00E-4	
SK-OV-3	0.536	1.116	1.084	0.894	0.564	0.535	0.542	94	62	5	.	1	1.60E-7	.	> 1.00E-4	
Renal Cancer																
786-0	0.680	2.210	2.244	2.021	1.181	1.098	0.854	102	88	33	27	11	4.85E-7	> 1.00E-4	> 1.00E-4	
A498	1.031	1.623	1.553	1.378	1.064	1.002	1.015	88	59	5	-3	-2	1.46E-7	4.59E-6	> 1.00E-4	
ACHN	0.269	1.122	1.146	0.860	0.691	0.559	0.327	103	69	49	34	7	9.33E-7	> 1.00E-4	> 1.00E-4	
CAKI-1	0.902	2.096	1.954	1.504	1.443	1.153	0.998	88	50	45	21	8	1.20E-7	> 1.00E-4	> 1.00E-4	
RXF 393	0.810	1.300	1.240	0.987	0.602	0.806	0.839	88	36	-26	-1	6	5.36E-8	.	> 1.00E-4	
SN12C	0.456	1.812	1.773	1.489	0.937	0.872	0.654	97	76	35	31	15	4.39E-7	> 1.00E-4	> 1.00E-4	
TK-10	0.760	1.549	1.504	1.501	1.266	1.267	0.996	94	94	64	64	30	2.59E-5	> 1.00E-4	> 1.00E-4	
UO-31	0.627	1.561	1.504	1.344	1.185	1.102	0.691	94	77	60	51	7	1.04E-5	> 1.00E-4	> 1.00E-4	
Prostate Cancer																
PC-3	0.480	1.533	1.455	1.034	0.679	0.665	0.572	93	53	19	18	9	1.20E-7	> 1.00E-4	> 1.00E-4	
DU-145	0.322	1.159	1.172	1.015	0.422	0.243	0.334	101	83	12	-25	1	2.90E-7	.	> 1.00E-4	
Breast Cancer																
MCF7	0.289	1.476	1.385	1.178	0.467	0.438	0.360	92	75	15	13	6	2.61E-7	> 1.00E-4	> 1.00E-4	
MDA-MB-231/ATCC	0.562	1.488	1.443	1.321	0.955	0.881	0.810	95	82	42	34	27	6.44E-7	> 1.00E-4	> 1.00E-4	
HS 578T	0.700	1.396	1.301	0.991	0.674	0.779	0.836	86	42	-4	11	19	6.52E-8	.	> 1.00E-4	
BT-549	0.876	1.842	1.871	1.642	1.392	1.219	0.722	103	79	53	36	-18	1.55E-6	4.66E-5	> 1.00E-4	
T-47D	0.507	1.232	1.229	1.161	0.886	1.008	0.433	100	90	52	69	-15	1.69E-5	6.68E-5	> 1.00E-4	
MDA-MB-468	0.555	0.911	0.855	0.845	0.506	0.496	0.537	84	82	-9	-11	-3	2.23E-7	7.97E-7	> 1.00E-4	

Mean Graphs

Report Date :December 15, 2011

Test Date :August 08, 2011



MID
Delta
Range

-6.58
1.03
3.44

-4.3
2.62
2.92

-4.02
0.73
0.75

