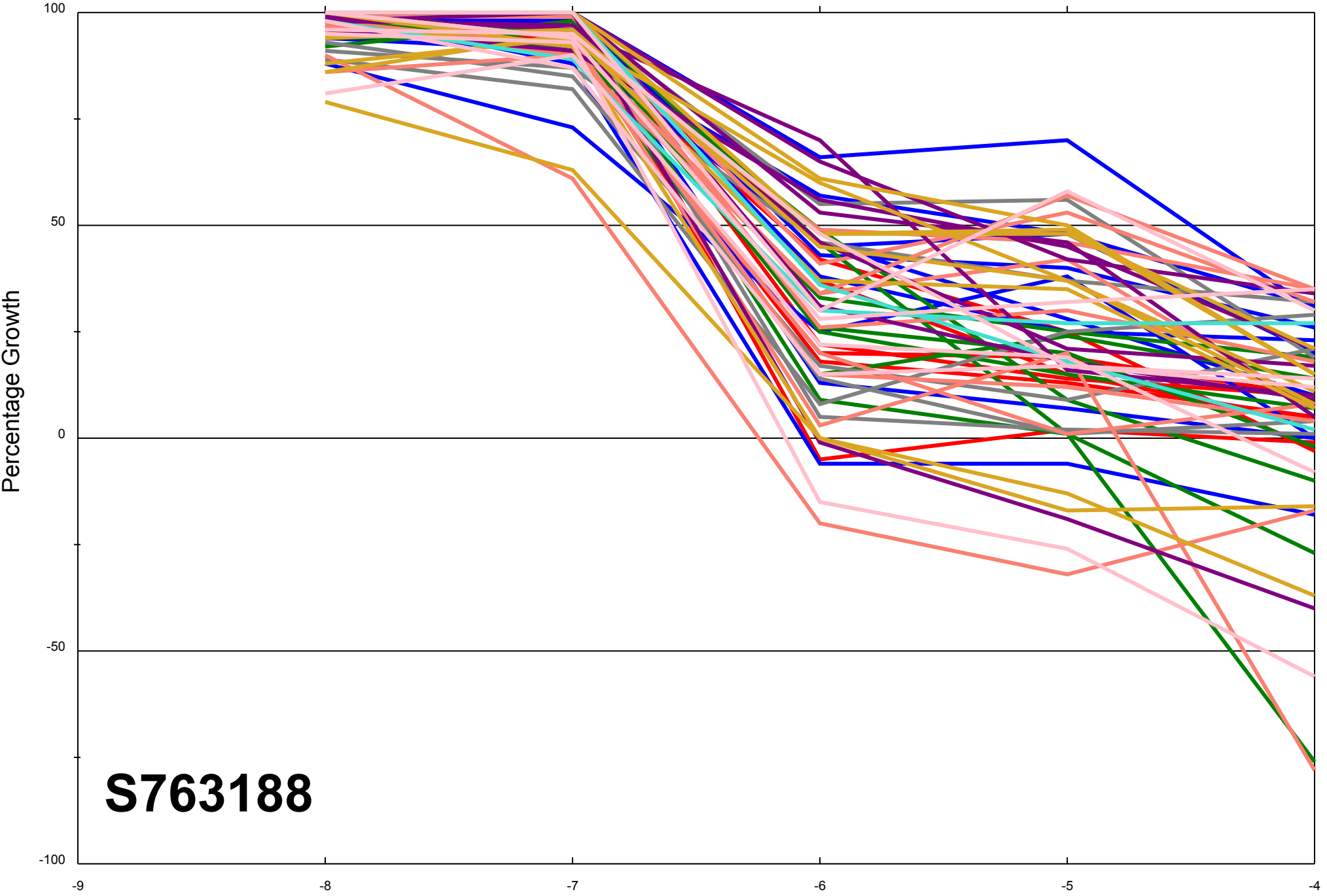


Dose Response Curves

Report Date:October 09, 2012

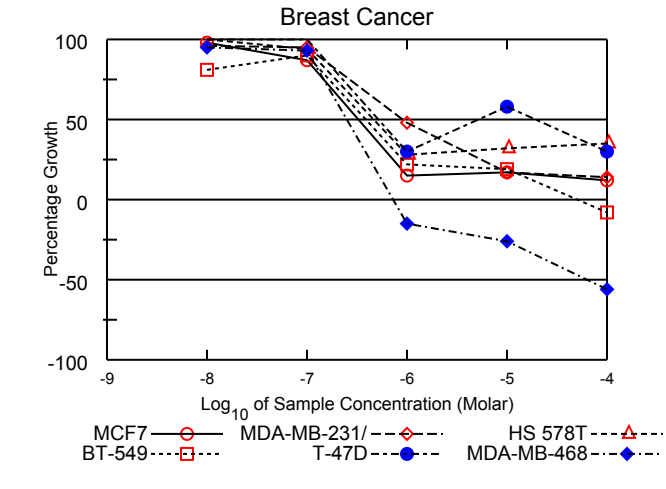
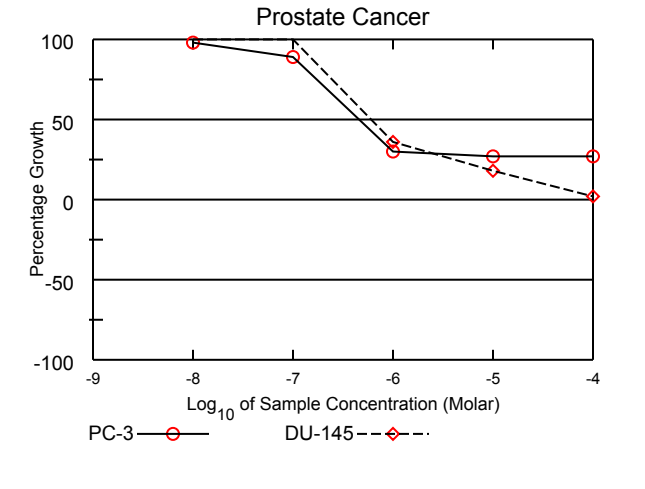
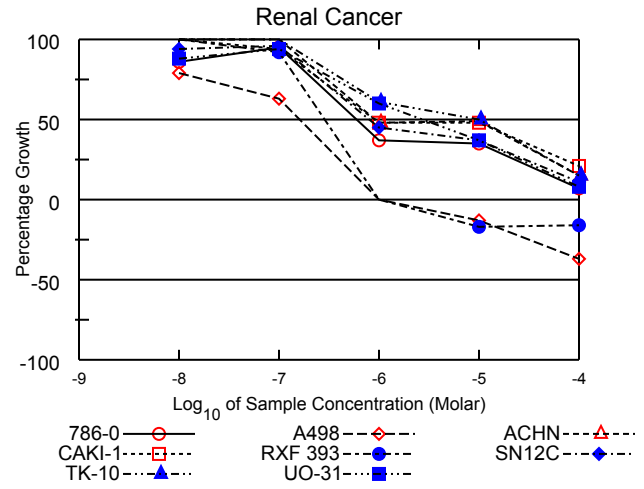
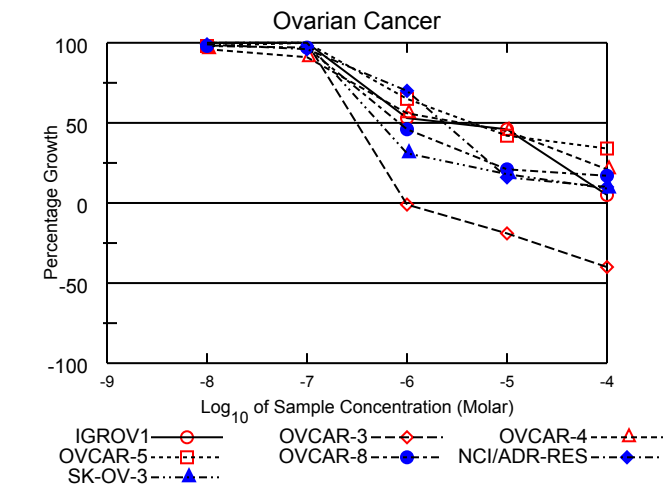
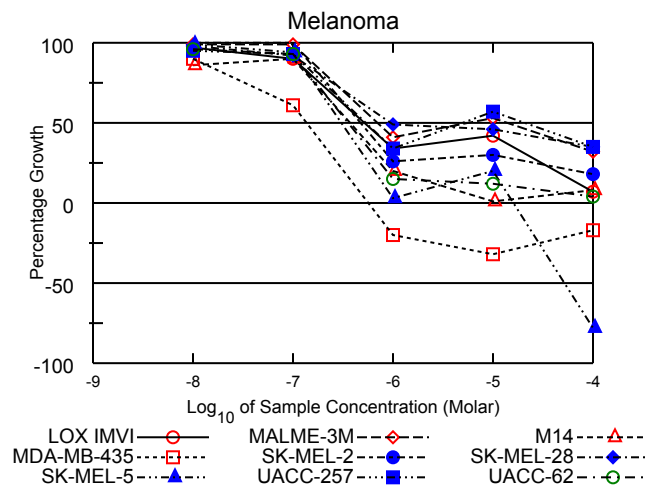
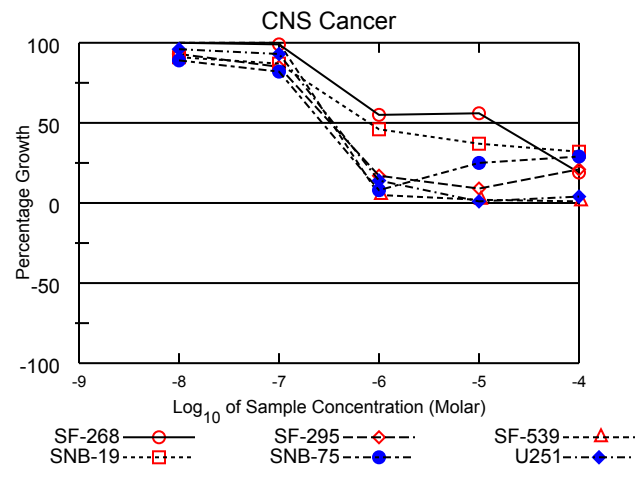
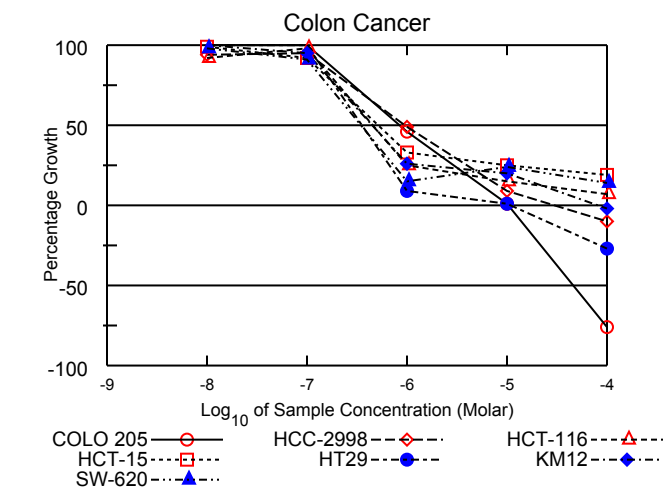
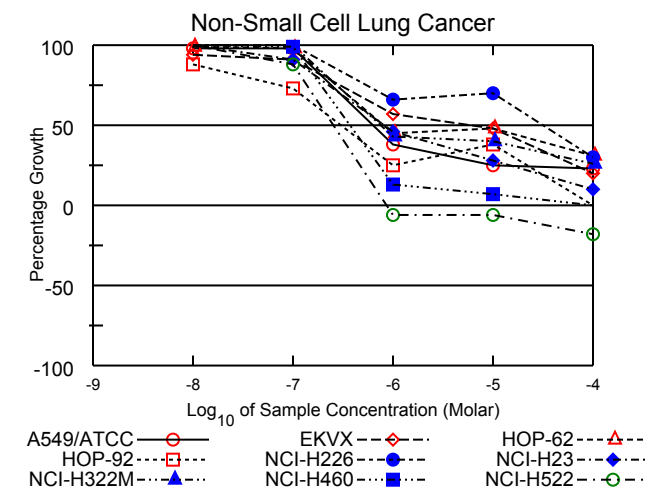
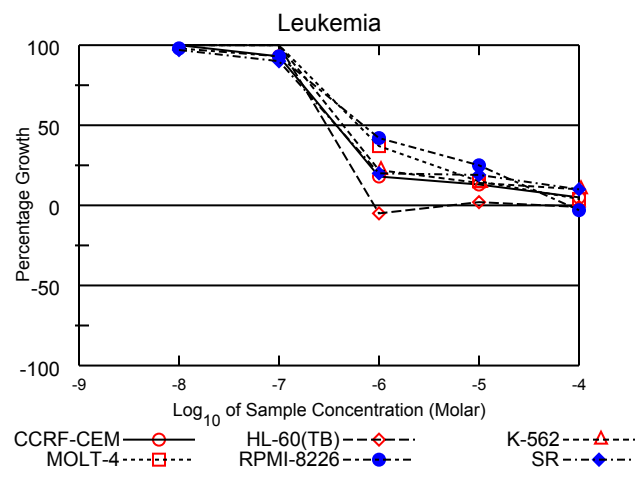
Test Date:February 06, 2012

All Cell Lines



S763188

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

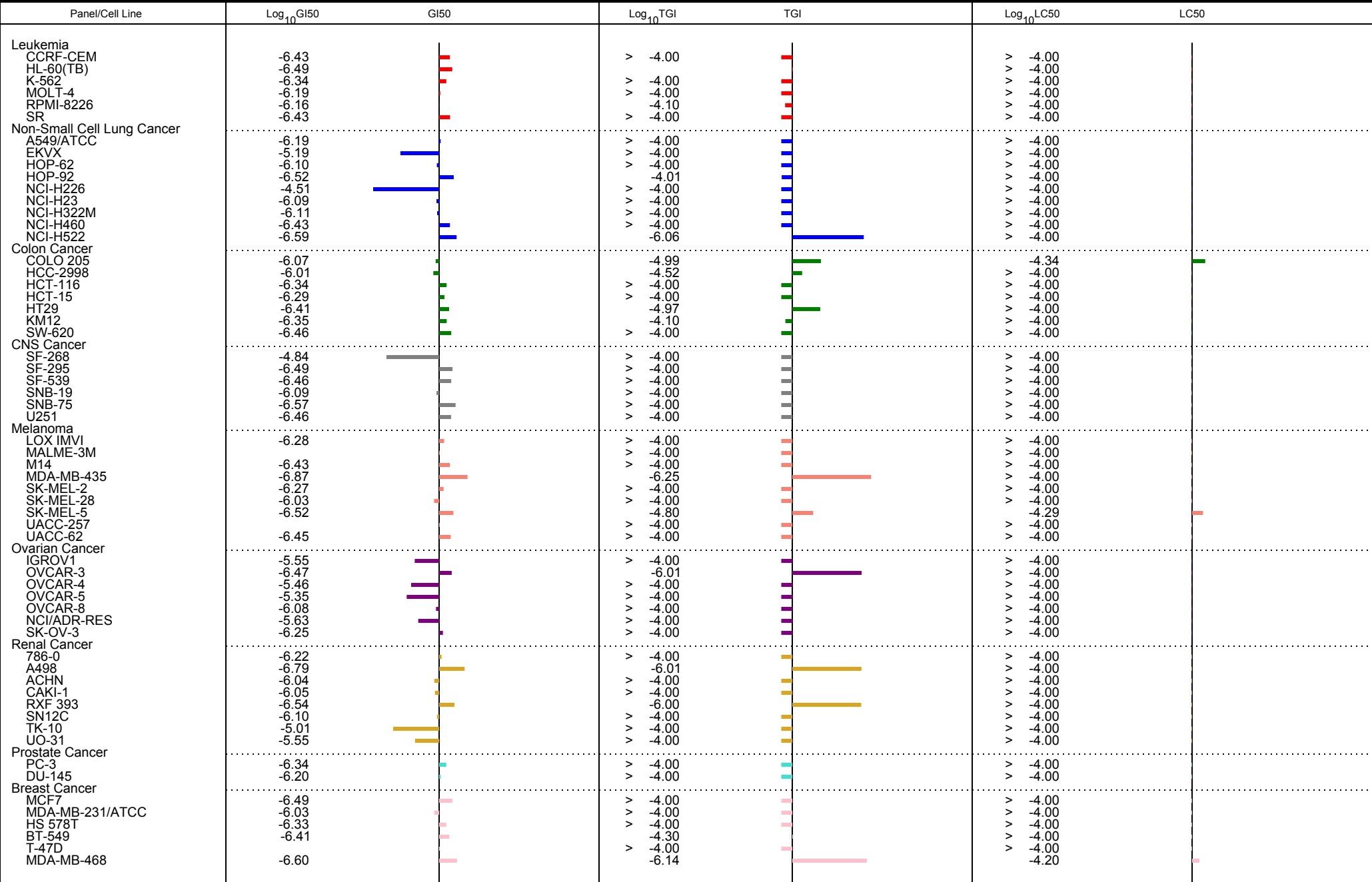
NSC : 763188 / 1	Experiment ID : 1202NS06	Test Type : 08	Units : Molar
Report Date : October 09, 2012	Test Date : February 06, 2012	QNS :	MC :
COMI : A1688/0072097 (114200)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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	0.645	2.286	2.301	2.165	0.946	0.865	0.729	101	93	18	13	5	3.75E-7	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.983	2.572	2.758	2.704	0.934	1.022	0.972	112	108	-5	2	-1	3.27E-7	.	> 1.00E-4
K-562	0.271	1.735	1.777	1.808	0.594	0.480	0.411	103	105	22	14	10	4.60E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.737	2.326	2.510	2.426	1.327	0.969	0.802	112	106	37	15	4	6.52E-7	> 1.00E-4	> 1.00E-4
RPMI-8226	1.142	2.846	2.813	2.719	1.855	1.566	1.112	98	93	42	25	-3	6.91E-7	8.02E-5	> 1.00E-4
SR	0.496	1.606	1.578	1.496	0.715	0.704	0.602	97	90	20	19	10	3.71E-7	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.315	1.341	1.324	1.318	0.709	0.576	0.555	98	98	38	25	23	6.38E-7	> 1.00E-4	> 1.00E-4
EKVX	0.799	1.614	1.567	1.538	1.264	1.194	0.962	94	91	57	48	20	6.49E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.422	1.059	1.056	1.048	0.707	0.727	0.622	99	98	45	48	31	7.96E-7	> 1.00E-4	> 1.00E-4
HOP-92	1.041	1.490	1.437	1.370	1.152	1.213	1.037	88	73	25	38	.	3.01E-7	9.75E-5	> 1.00E-4
NCI-H226	0.716	1.683	1.698	1.707	1.350	1.392	1.002	102	102	66	70	30	3.12E-5	> 1.00E-4	> 1.00E-4
NCI-H23	0.547	1.578	1.585	1.488	1.021	0.841	0.652	101	91	46	28	10	8.13E-7	> 1.00E-4	> 1.00E-4
NCI-H322M	0.759	1.764	1.771	1.818	1.195	1.164	1.016	101	105	43	40	26	7.83E-7	> 1.00E-4	> 1.00E-4
NCI-H460	0.275	2.108	2.155	2.092	0.521	0.403	0.282	103	99	13	7	.	3.74E-7	> 1.00E-4	> 1.00E-4
NCI-H522	0.691	1.520	1.518	1.423	0.649	0.649	0.566	100	88	-6	-6	-18	2.55E-7	8.62E-7	> 1.00E-4
Colon Cancer															
COLO 205	0.335	1.396	1.432	1.412	0.825	0.341	0.079	103	102	46	1	-76	8.52E-7	1.02E-5	4.54E-5
HCC-2998	0.457	1.447	1.391	1.402	0.947	0.550	0.410	94	95	49	9	-10	9.75E-7	3.00E-5	> 1.00E-4
HCT-116	0.169	1.395	1.294	1.376	0.471	0.358	0.254	92	98	25	15	7	4.53E-7	> 1.00E-4	> 1.00E-4
HCT-15	0.211	1.294	1.284	1.212	0.566	0.478	0.413	99	92	33	25	19	5.13E-7	> 1.00E-4	> 1.00E-4
HT29	0.199	1.061	1.137	1.149	0.276	0.205	0.146	109	110	9	1	-27	3.92E-7	1.06E-5	> 1.00E-4
KM12	0.448	1.898	1.995	1.827	0.827	0.732	0.438	107	95	26	20	-2	4.51E-7	7.90E-5	> 1.00E-4
SW-620	0.205	1.091	1.072	1.014	0.336	0.415	0.333	98	91	15	24	14	3.47E-7	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.554	1.654	1.696	1.645	1.154	1.169	0.765	104	99	55	56	19	1.45E-5	> 1.00E-4	> 1.00E-4
SF-295	0.857	2.245	2.153	2.032	1.088	0.976	1.144	93	85	17	9	21	3.23E-7	> 1.00E-4	> 1.00E-4
SF-539	0.739	1.849	1.906	1.876	0.800	0.757	0.755	105	102	5	2	1	3.47E-7	> 1.00E-4	> 1.00E-4
SNB-19	0.598	1.744	1.641	1.593	1.129	1.020	0.964	91	87	46	37	32	8.11E-7	> 1.00E-4	> 1.00E-4
SNB-75	0.674	1.378	1.301	1.254	0.728	0.854	0.882	89	82	8	25	29	2.71E-7	> 1.00E-4	> 1.00E-4
U251	0.288	1.075	1.047	1.018	0.399	0.295	0.323	96	93	14	1	4	3.49E-7	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.228	1.868	1.819	1.704	0.791	0.924	0.350	97	90	34	42	7	5.23E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.623	0.987	0.983	0.983	0.771	0.816	0.741	99	99	41	53	32	.	> 1.00E-4	> 1.00E-4
M14	0.381	1.611	1.436	1.494	0.627	0.399	0.479	86	90	20	1	8	3.75E-7	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.471	2.201	2.020	1.522	0.377	0.321	0.392	90	61	-20	-32	-17	1.36E-7	5.64E-7	> 1.00E-4
SK-MEL-2	0.934	1.706	1.748	1.815	1.138	1.167	1.075	105	114	26	30	18	5.39E-7	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.533	1.523	1.506	1.445	1.015	0.986	0.881	98	92	49	46	35	9.34E-7	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.515	2.390	2.371	2.285	0.568	0.884	0.113	99	94	3	20	-78	3.05E-7	1.59E-5	5.16E-5
UACC-257	0.687	1.327	1.293	1.280	0.903	1.051	0.911	95	93	34	57	35	.	> 1.00E-4	> 1.00E-4
UACC-62	0.806	2.044	1.994	1.961	0.992	0.949	0.858	96	93	15	12	4	3.58E-7	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.636	1.710	1.823	1.830	1.205	1.135	0.692	111	111	53	46	5	2.84E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.467	1.386	1.473	1.454	0.462	0.378	0.280	109	107	-1	-19	-40	3.38E-7	9.75E-7	> 1.00E-4
OVCAR-4	0.569	1.043	1.023	1.001	0.834	0.782	0.667	96	91	56	45	21	3.49E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.706	1.712	1.688	1.754	1.361	1.129	1.045	98	104	65	42	34	4.52E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.476	1.669	1.651	1.630	1.026	0.726	0.680	98	97	46	21	17	8.36E-7	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.446	1.549	1.533	1.510	1.216	0.619	0.556	99	96	70	16	10	2.32E-6	> 1.00E-4	> 1.00E-4
SK-OV-3	0.502	1.286	1.346	1.326	0.749	0.644	0.577	108	105	31	18	9	5.60E-7	> 1.00E-4	> 1.00E-4
Renal Cancer															
786-0	0.623	2.394	2.146	2.302	1.287	1.246	0.743	86	95	37	35	7	6.05E-7	> 1.00E-4	> 1.00E-4
A498	1.194	1.912	1.760	1.647	1.190	1.044	0.750	79	63	.	-13	-37	1.61E-7	9.86E-7	> 1.00E-4
ACHN	0.399	1.489	1.537	1.550	0.922	0.931	0.560	104	106	48	49	15	9.22E-7	> 1.00E-4	> 1.00E-4
CAKI-1	0.861	2.331	2.352	2.247	1.560	1.560	1.169	101	94	48	48	21	8.85E-7	> 1.00E-4	> 1.00E-4
RXF 393	0.572	1.067	1.084	1.029	0.572	0.476	0.480	103	92	.	-17	-16	2.87E-7	1.00E-6	> 1.00E-4
SN12C	0.644	2.047	1.961	1.985	1.273	1.162	0.792	94	96	45	37	11	7.90E-7	> 1.00E-4	> 1.00E-4
TK-10	0.689	1.480	1.517	1.515	1.170	1.084	0.806	105	104	61	50	15	9.83E-6	> 1.00E-4	> 1.00E-4
UO-31	0.694	1.526	1.426	1.473	1.195	1.005	0.760	88	94	60	37	8	2.80E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.509	1.728	1.704	1.595	0.879	0.832	0.836	98	89	30	27	27	4.62E-7	> 1.00E-4	> 1.00E-4
DU-145	0.366	1.252	1.293	1.305	0.688	0.527	0.383	105	106	36	18	2	6.37E-7	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.294	1.590	1.558	1.418	0.487	0.520	0.451	98	87	15	17	12	3.24E-7	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.581	1.202	1.176	1.173	0.882	0.689	0.666	96	95	48	17	14	9.27E-7	> 1.00E-4	> 1.00E-4
HS 578T	0.851	1.655	1.686	1.605	1.076	1.105	1.134	104	94	28	32	35	4.63E-7	> 1.00E-4	> 1.00E-4
BT-549	0.732	1.567	1.410	1.482	0.915	0.892	0.672	81	90	22	19	-8	3.86E-7	4.99E-5	> 1.00E-4
T-47D	0.531	1.295	1.305	1.337	0.757	0.971	0.757	101	105	30	58	30	.	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.653	1.238	1.211	1.198	0.554	0.482	0.288	95	93	-15	-26	-56	2.50E-7	7.23E-7	6.32E-5

Mean Graphs

Report Date :October 09, 2012

Test Date :February 06, 2012



MID
Delta
Range

-6.16
0.71
2.36

-4.28
1.97
2.25

-4.01
0.33
0.34

