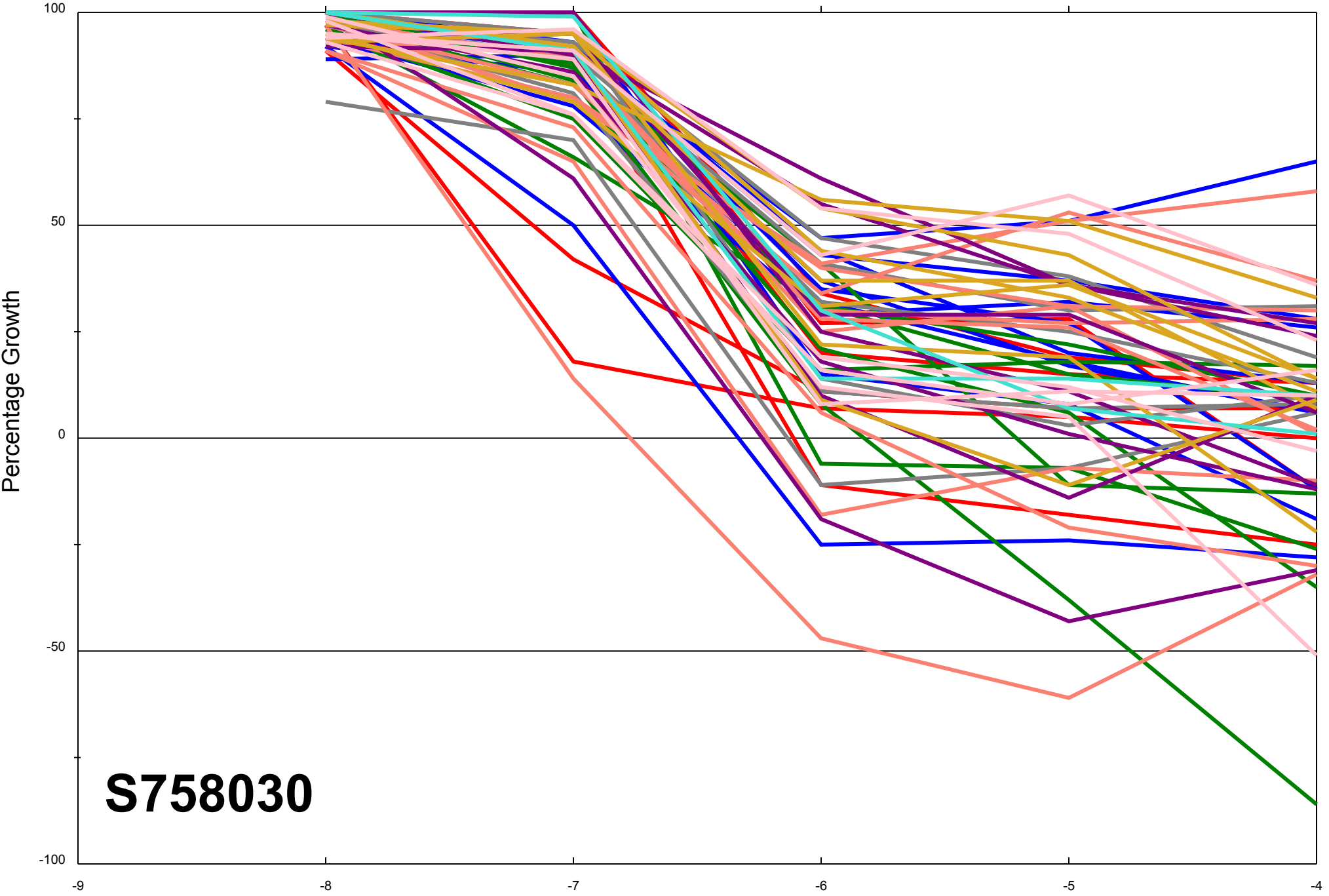


Dose Response Curves

Report Date:December 06, 2011

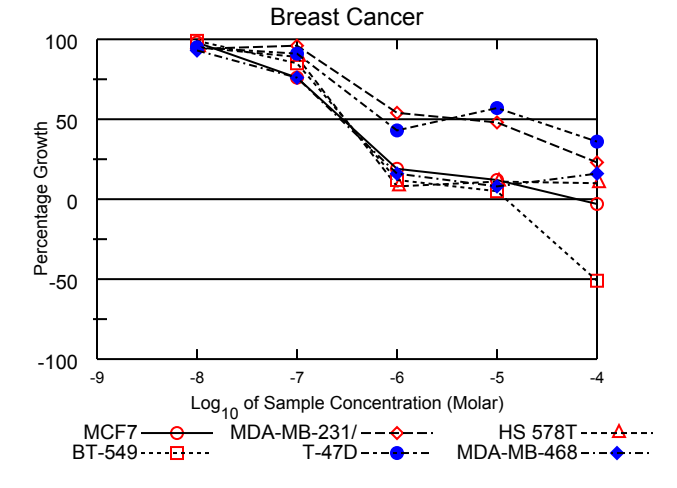
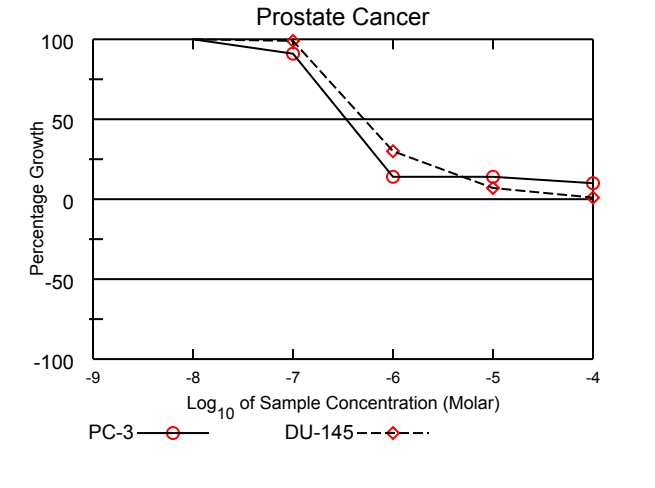
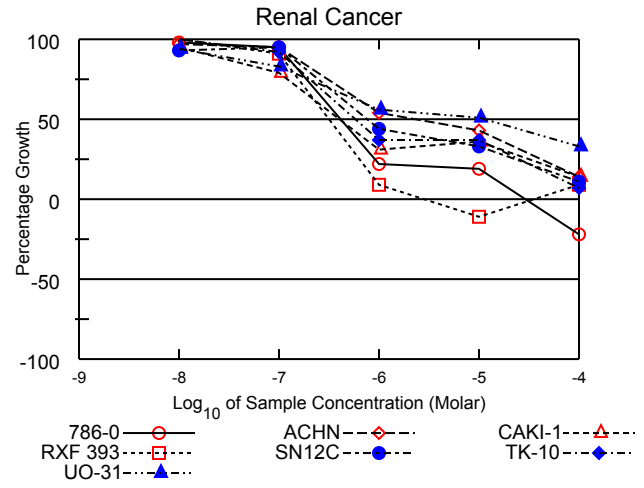
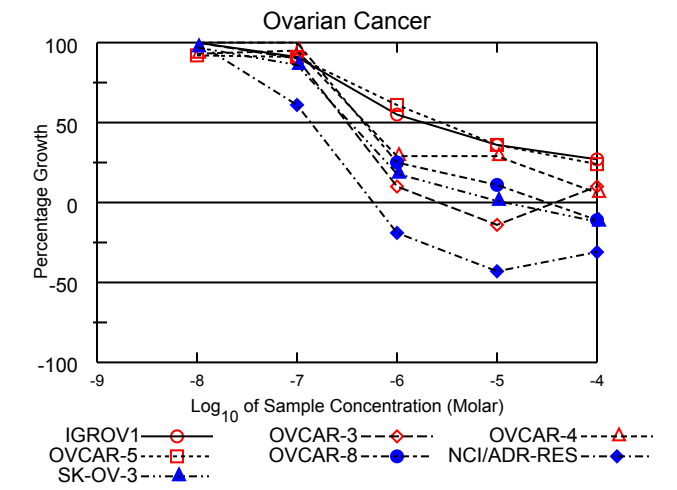
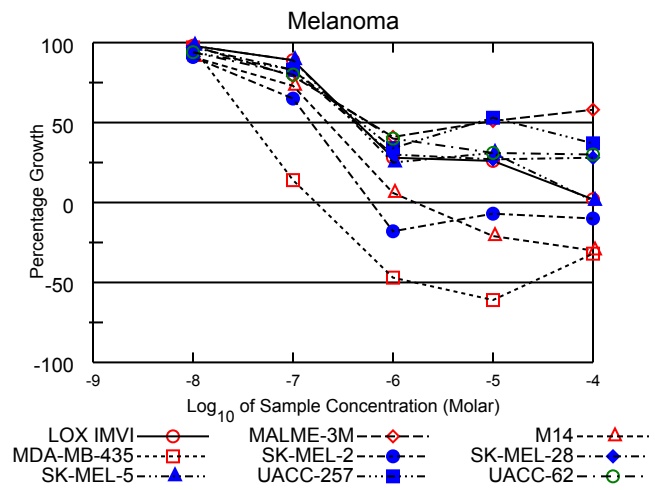
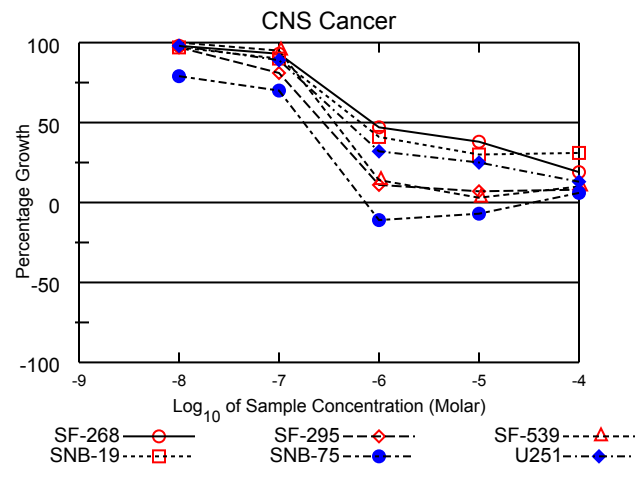
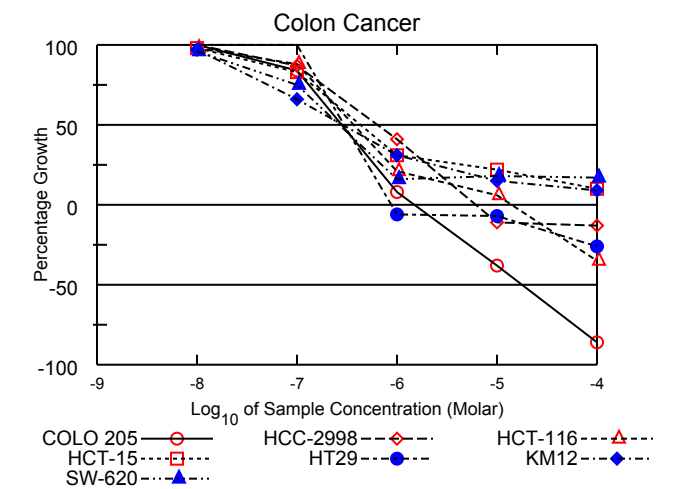
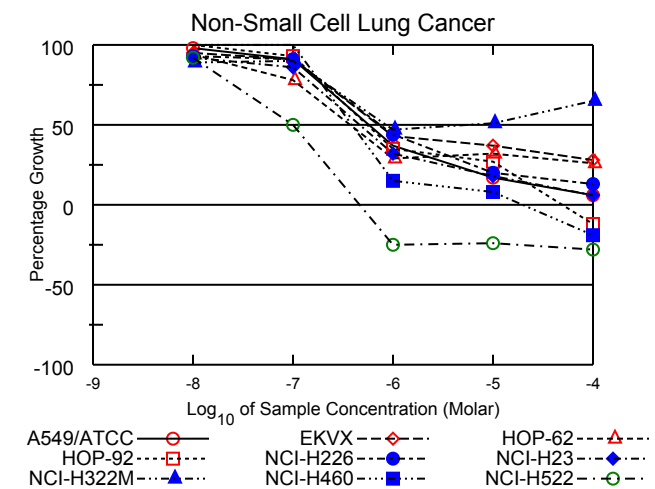
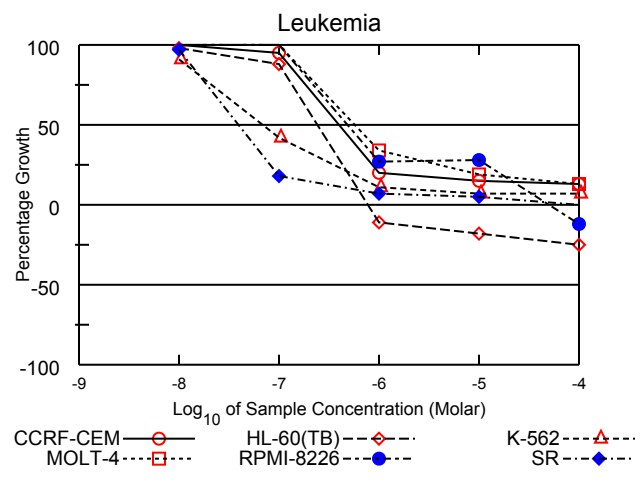
Test Date:August 29, 2011

All Cell Lines



S758030

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

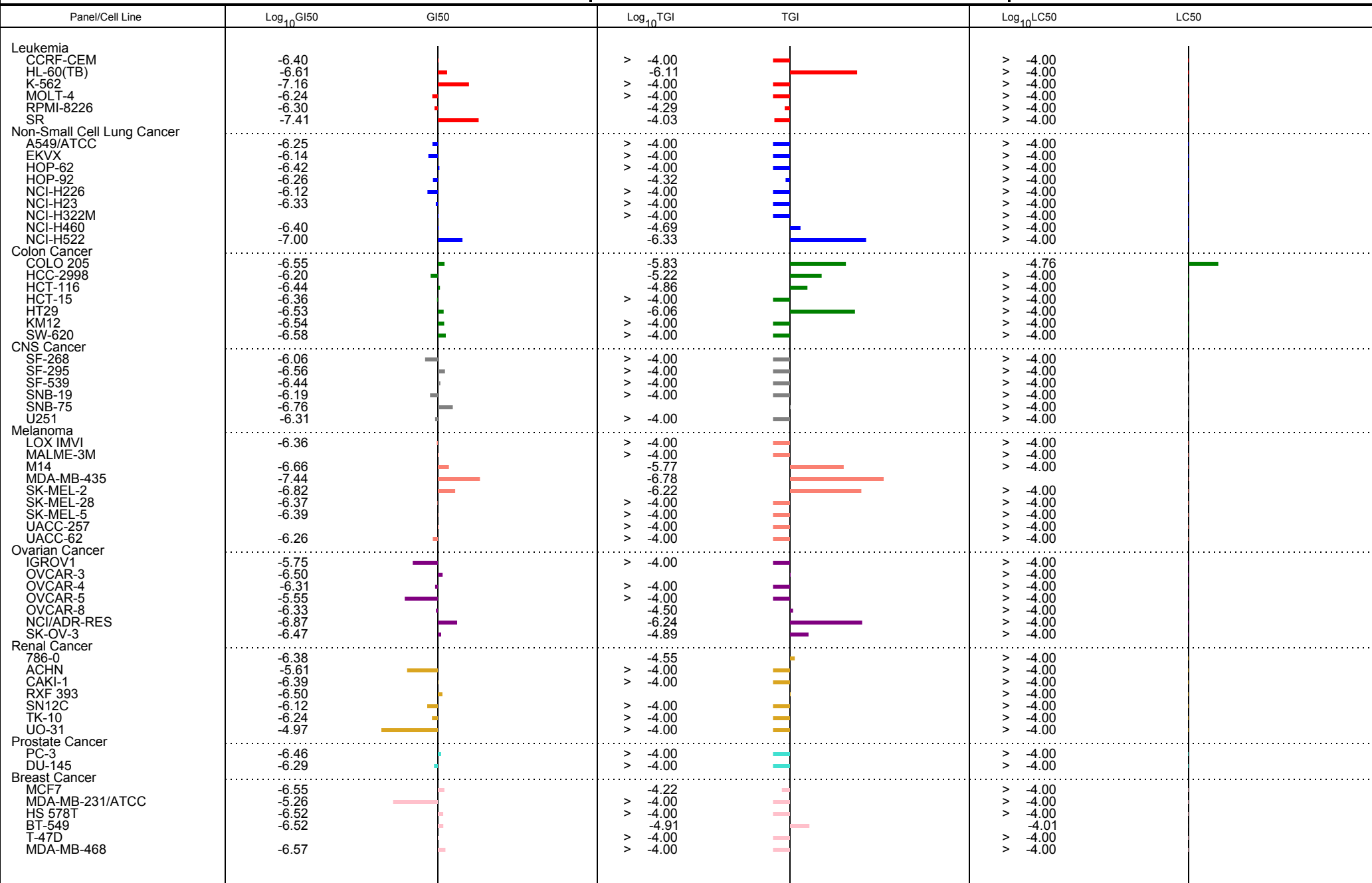
NSC : 758030 / 1	Experiment ID : 1108RS14	Test Type : 08	Units : Molar
Report Date : December 06, 2011	Test Date : August 29, 2011	QNS :	MC :
COMI : NMR/19307657 (104812)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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	0.553	1.972	1.977	1.907	0.837	0.762	0.732	100	95	20	15	13	4.00E-7	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.793	2.435	2.409	2.240	0.707	0.649	0.597	98	88	-11	-18	-25	2.43E-7	7.76E-7	> 1.00E-4
K-562	0.213	1.586	1.466	0.790	0.367	0.315	0.304	91	42	11	7	7	6.88E-8	> 1.00E-4	> 1.00E-4
MOLT-4	0.528	1.898	1.914	1.903	0.992	0.785	0.709	101	100	34	19	13	5.72E-7	> 1.00E-4	> 1.00E-4
RPMI-8226	0.970	2.130	2.155	2.178	1.283	1.295	0.857	102	104	27	28	-12	5.03E-7	5.08E-5	> 1.00E-4
SR	0.302	1.265	1.239	0.473	0.369	0.348	0.302	97	18	7	5	.	3.93E-8	9.25E-5	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.320	1.420	1.397	1.322	0.722	0.510	0.389	98	91	37	17	6	5.67E-7	> 1.00E-4	> 1.00E-4
EKVX	0.621	1.477	1.437	1.398	0.991	0.935	0.862	95	91	43	37	28	7.18E-7	> 1.00E-4	> 1.00E-4
HOP-62	0.390	1.111	1.067	0.954	0.602	0.619	0.581	94	78	29	32	26	3.79E-7	> 1.00E-4	> 1.00E-4
HOP-92	0.929	1.249	1.269	1.228	1.041	1.014	0.816	106	93	35	27	-12	5.50E-7	4.84E-5	> 1.00E-4
NCI-H226	0.775	1.872	1.797	1.776	1.261	0.998	0.913	93	91	44	20	13	7.57E-7	> 1.00E-4	> 1.00E-4
NCI-H23	0.531	1.343	1.281	1.227	0.794	0.674	0.581	92	86	32	18	6	4.67E-7	> 1.00E-4	> 1.00E-4
NCI-H322M	0.695	1.540	1.447	1.453	1.090	1.130	1.243	89	90	47	51	65	.	> 1.00E-4	> 1.00E-4
NCI-H460	0.228	2.047	2.095	2.065	0.510	0.383	0.185	103	101	15	8	-19	3.95E-7	2.04E-5	> 1.00E-4
NCI-H522	0.816	1.367	1.323	1.092	0.611	0.617	0.588	92	50	-25	-24	-28	1.00E-7	4.63E-7	> 1.00E-4
Colon Cancer															
COLO 205	0.277	1.221	1.236	1.074	0.353	0.171	0.039	102	84	8	-38	-86	2.82E-7	1.49E-6	1.75E-5
HCC-2998	0.476	1.426	1.430	1.304	0.863	0.422	0.414	100	87	41	-11	-13	6.30E-7	6.03E-6	> 1.00E-4
HCT-116	0.167	1.131	1.115	1.018	0.366	0.221	0.109	98	88	21	6	-35	3.67E-7	1.37E-5	> 1.00E-4
HCT-15	0.319	1.641	1.613	1.415	0.734	0.609	0.451	98	83	31	22	10	4.35E-7	> 1.00E-4	> 1.00E-4
HT29	0.171	0.773	0.805	0.773	0.161	0.160	0.127	105	100	-6	-7	-26	2.97E-7	8.81E-7	> 1.00E-4
KM12	0.380	2.131	2.073	1.541	0.919	0.645	0.540	97	66	31	15	9	2.88E-7	> 1.00E-4	> 1.00E-4
SW-620	0.207	1.510	1.459	1.181	0.411	0.439	0.429	96	75	16	18	17	2.62E-7	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.378	1.389	1.373	1.323	0.855	0.763	0.575	98	93	47	38	19	8.66E-7	> 1.00E-4	> 1.00E-4
SF-295	0.643	2.149	2.100	1.858	0.807	0.743	0.758	97	81	11	7	8	2.75E-7	> 1.00E-4	> 1.00E-4
SF-539	0.631	1.716	1.768	1.666	0.779	0.666	0.740	105	95	14	3	10	3.59E-7	> 1.00E-4	> 1.00E-4
SNB-19	0.538	1.801	1.762	1.680	1.053	0.920	0.926	97	90	41	30	31	6.51E-7	> 1.00E-4	> 1.00E-4
SNB-75	0.946	1.929	1.725	1.630	0.841	0.881	1.008	79	70	-1	-7	6	1.75E-7	.	> 1.00E-4
U251	0.421	1.736	1.704	1.591	0.844	0.752	0.586	98	89	32	25	13	4.86E-7	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.334	1.815	1.792	1.651	0.756	0.721	0.359	98	89	28	26	2	4.40E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.504	1.129	1.116	0.999	0.758	0.821	0.865	98	79	41	51	58	.	> 1.00E-4	> 1.00E-4
M14	0.359	1.084	1.023	0.886	0.404	0.283	0.251	91	73	6	-21	-30	2.19E-7	1.69E-6	> 1.00E-4
MDA-MB-435	0.454	1.784	1.741	0.634	0.242	0.179	0.307	97	14	-47	-61	-32	3.65E-8	1.68E-7	.
SK-MEL-2	0.883	1.253	1.221	1.124	0.725	0.825	0.797	91	65	-18	-7	-10	1.52E-7	6.09E-7	> 1.00E-4
SK-MEL-28	0.508	1.354	1.331	1.210	0.766	0.734	0.744	97	83	30	27	28	4.25E-7	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.474	2.655	2.608	2.406	1.025	1.146	0.488	98	89	25	31	1	4.07E-7	> 1.00E-4	> 1.00E-4
UACC-257	0.806	1.585	1.542	1.450	1.074	1.218	1.098	94	83	34	53	37	.	> 1.00E-4	> 1.00E-4
UACC-62	0.730	2.281	2.192	1.968	1.348	1.212	1.192	94	80	40	31	30	5.56E-7	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.490	1.647	1.711	1.540	1.123	0.904	0.802	106	91	55	36	27	1.77E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.439	1.491	1.490	1.388	0.540	0.376	0.548	100	90	10	-14	10	3.15E-7	.	> 1.00E-4
OVCAR-4	0.554	1.294	1.240	1.260	0.770	0.768	0.601	93	95	29	29	6	4.85E-7	> 1.00E-4	> 1.00E-4
OVCAR-5	0.497	1.407	1.335	1.323	1.055	0.825	0.715	92	91	61	36	24	2.80E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.321	1.223	1.244	1.228	0.543	0.423	0.285	102	101	25	11	-11	4.63E-7	3.14E-5	> 1.00E-4
NCI/ADR-RES	0.478	1.512	1.517	1.106	0.389	0.275	0.331	100	61	-19	-43	-31	1.36E-7	5.81E-7	> 1.00E-4
SK-OV-3	0.444	1.212	1.193	1.108	0.585	0.455	0.392	97	86	18	1	-12	3.42E-7	1.29E-5	> 1.00E-4
Renal Cancer															
786-0	0.626	1.961	1.941	1.893	0.923	0.876	0.486	98	95	22	19	-22	4.15E-7	2.85E-5	> 1.00E-4
ACHN	0.380	1.359	1.333	1.309	0.911	0.805	0.513	97	95	54	43	14	2.45E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.601	1.936	1.872	1.650	1.021	1.082	0.784	95	79	31	36	14	4.04E-7	> 1.00E-4	> 1.00E-4
RXF 393	0.635	1.241	1.242	1.187	0.693	0.568	0.691	100	91	9	-11	9	3.19E-7	.	> 1.00E-4
SN12C	0.497	1.971	1.861	1.893	1.148	0.981	0.659	93	95	44	33	11	7.67E-7	> 1.00E-4	> 1.00E-4
TK-10	0.557	1.121	1.133	1.075	0.767	0.764	0.595	102	92	37	37	7	5.82E-7	> 1.00E-4	> 1.00E-4
UO-31	0.604	1.677	1.610	1.496	1.205	1.147	0.963	94	83	56	51	33	1.08E-5	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.452	1.441	1.497	1.356	0.592	0.594	0.551	106	91	14	14	10	3.44E-7	> 1.00E-4	> 1.00E-4
DU-145	0.242	1.078	1.076	1.074	0.494	0.299	0.247	100	99	30	7	1	5.17E-7	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.357	2.075	2.045	1.655	0.688	0.561	0.345	98	76	19	12	-3	2.84E-7	6.01E-5	> 1.00E-4
MDA-MB-231/ATCC	0.618	1.648	1.587	1.603	1.179	1.117	0.851	94	96	54	48	23	5.49E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.775	1.558	1.521	1.474	0.839	0.864	0.856	95	89	8	11	10	3.05E-7	> 1.00E-4	> 1.00E-4
BT-549	0.850	1.542	1.532	1.438	0.936	0.884	0.420	99	85	12	5	-51	3.03E-7	1.22E-5	9.74E-5
T-47D	0.377	0.853	0.832	0.811	0.584	0.651	0.547	95	91	43	57	36	.	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.571	1.145	1.107	1.004	0.662	0.618	0.661	93	76	16	8	16	2.68E-7	> 1.00E-4	> 1.00E-4

Mean Graphs

Report Date :December 06, 2011

Test Date :August 29, 2011



MID
Delta
Range

-6.38
1.06
2.47

-4.43
2.35
2.78

-4.01
0.75
0.76

