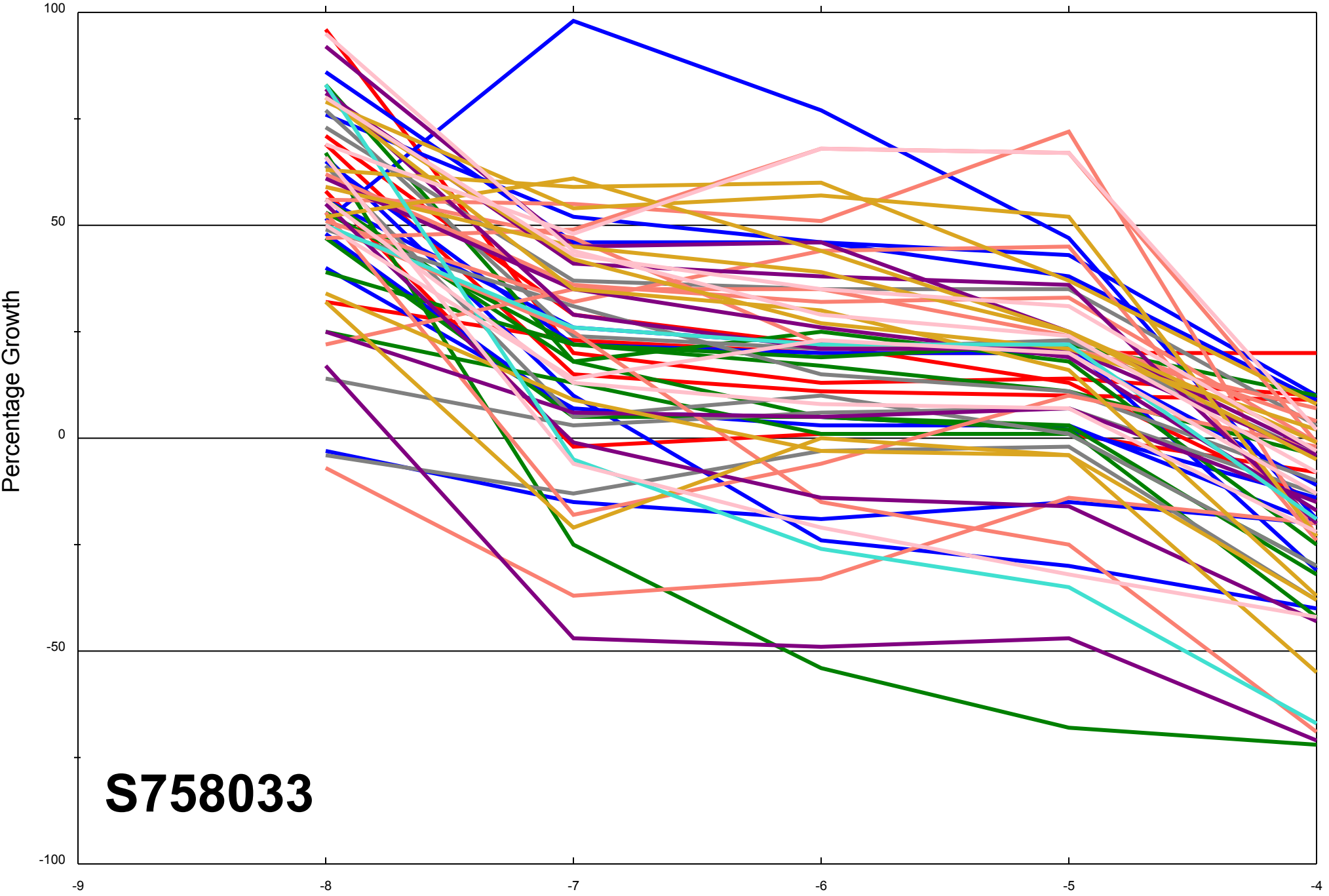


Dose Response Curves

Report Date:December 06, 2011

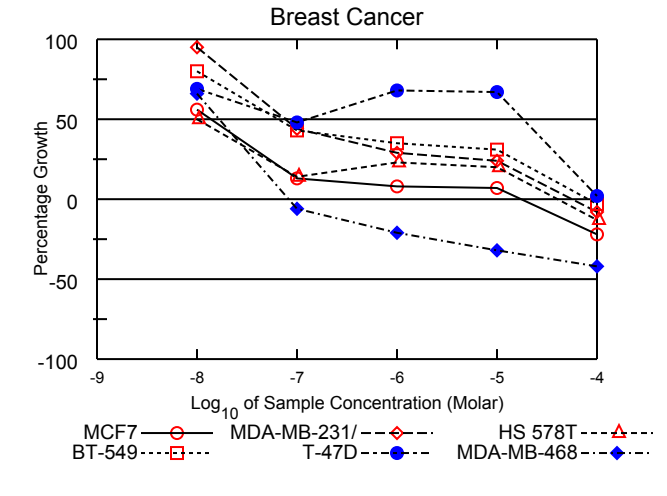
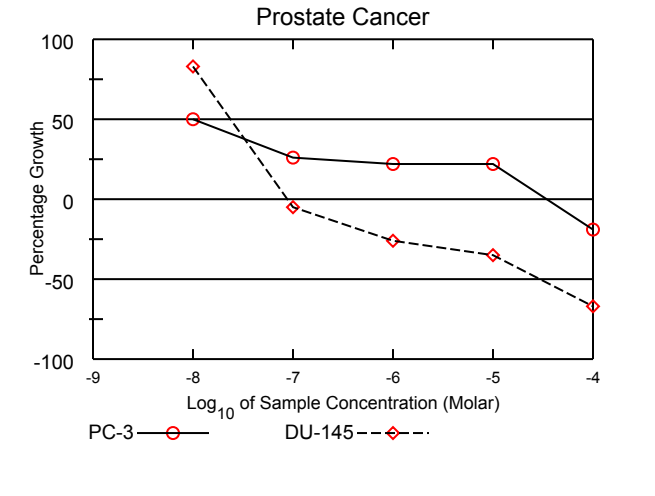
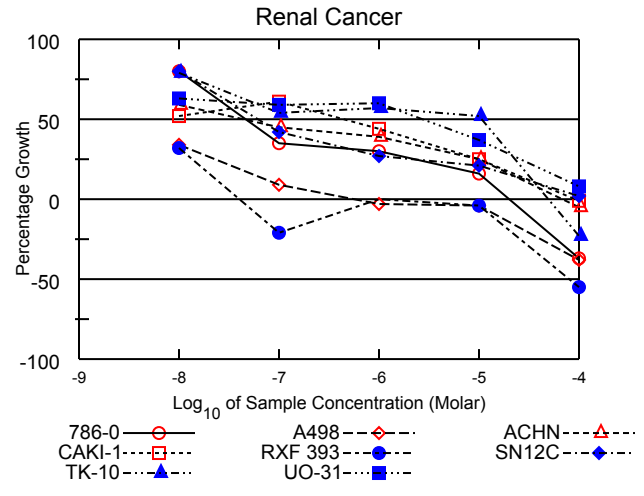
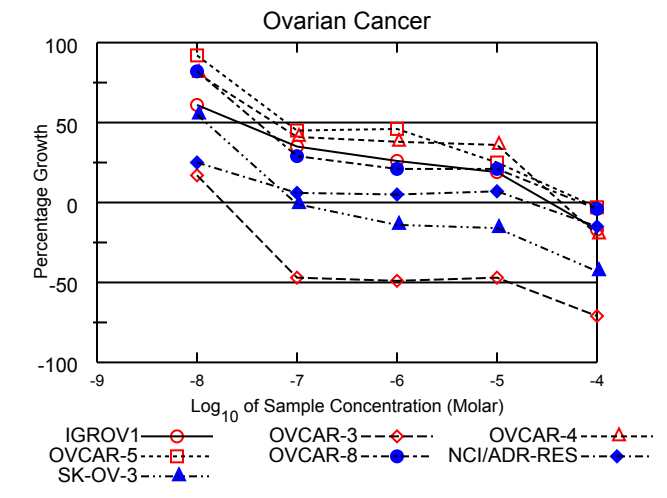
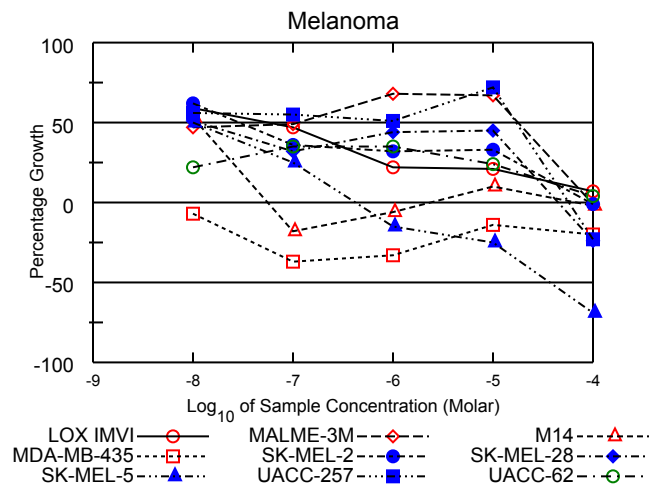
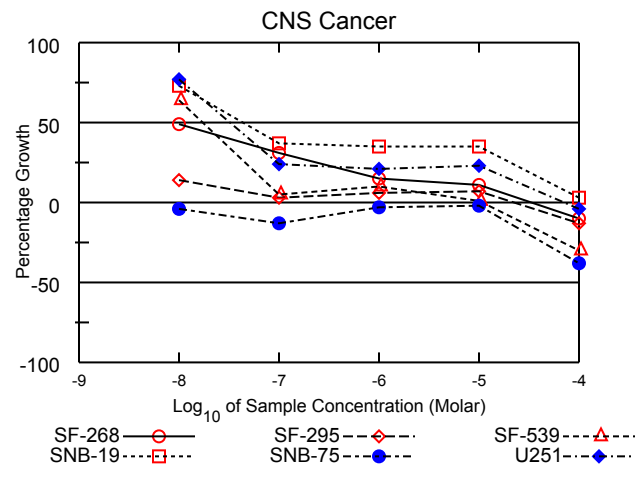
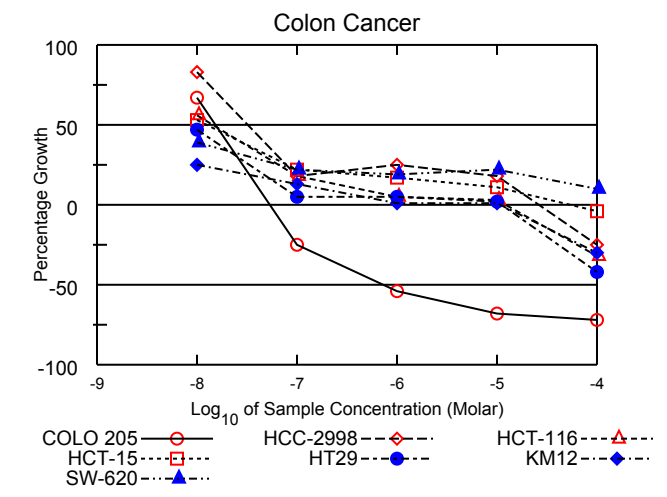
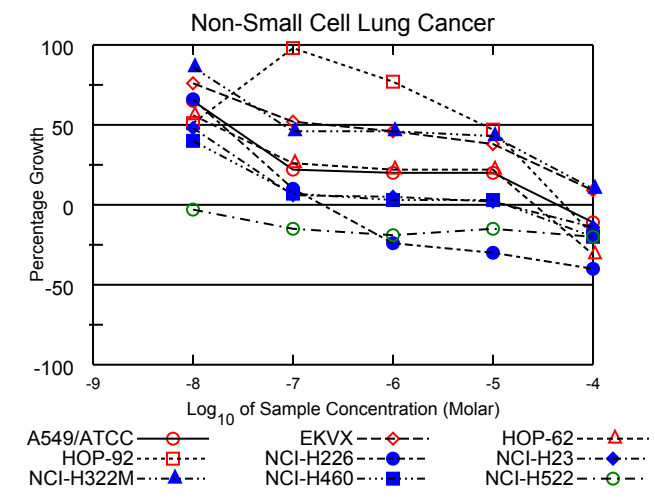
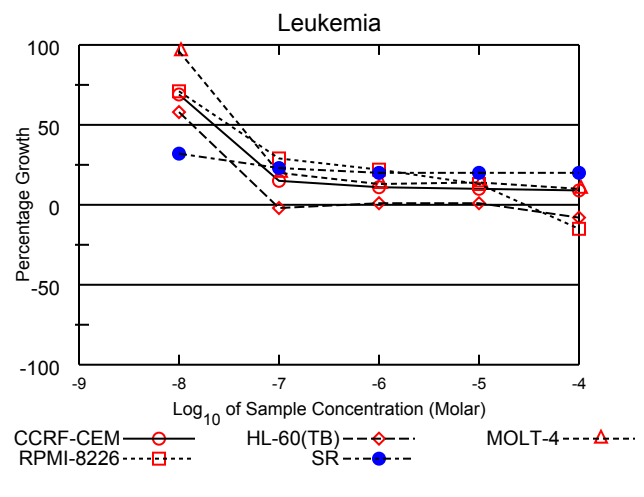
Test Date:August 08, 2011

All Cell Lines



**S758033**

Log<sub>10</sub> of Sample Concentration (Molar)



# National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

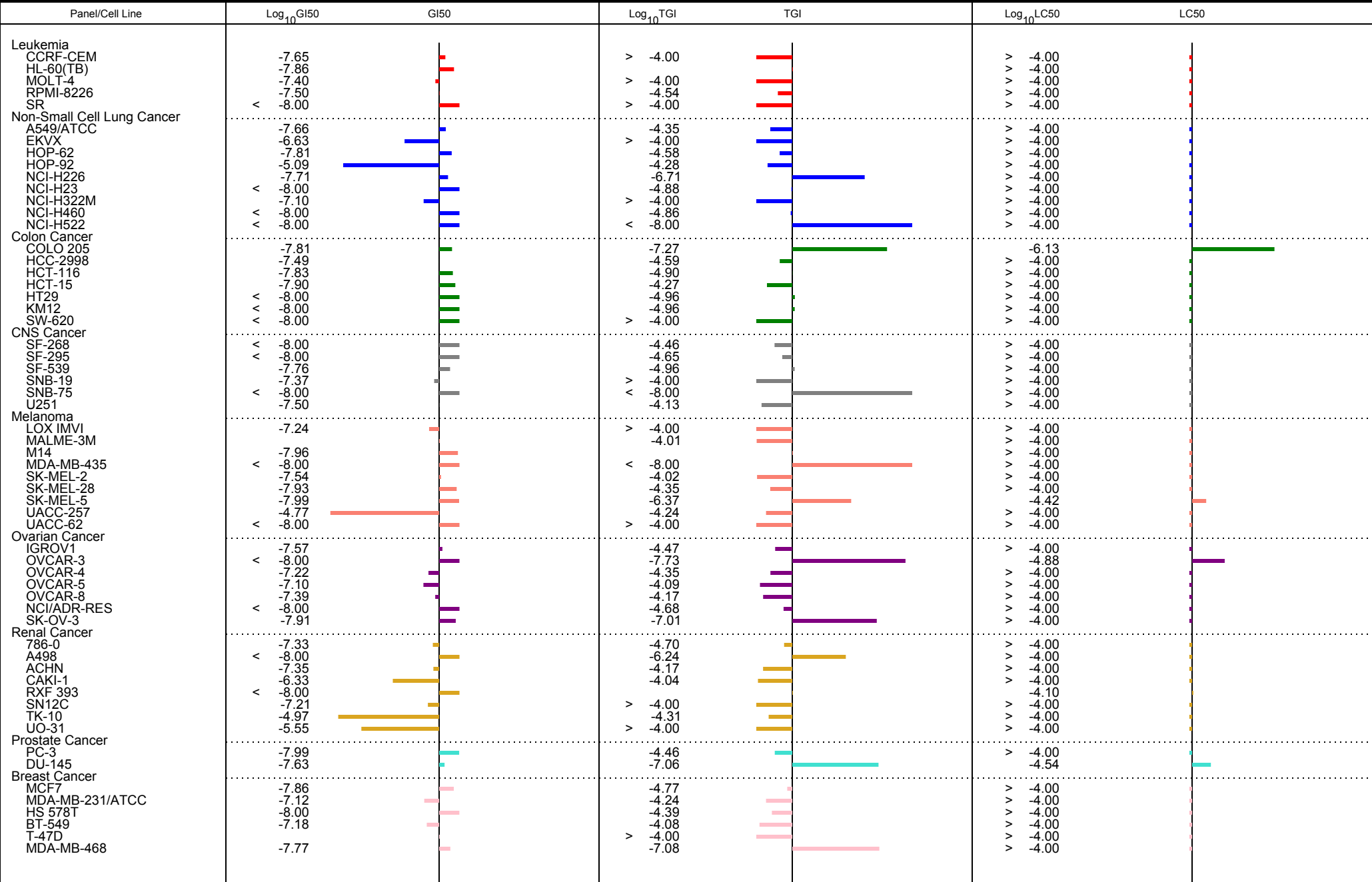
NSC : 758033 / 1	Experiment ID : 1108RS99	Test Type : 08	Units : Molar
Report Date : December 06, 2011	Test Date : August 08, 2011	QNS :	MC :
COMI : NMR/20247229 (104815)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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	1.185	0.898	0.388	0.353	0.344	0.335	69	15	11	10	9	2.25E-8	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.563	2.394	1.631	0.550	0.573	0.587	0.519	58	-2	1	1	-8	1.37E-8	.	> 1.00E-4
MOLT-4	0.373	1.703	1.648	0.636	0.540	0.557	0.510	96	20	13	14	10	4.00E-8	> 1.00E-4	> 1.00E-4
RPMI-8226	0.635	1.796	1.463	0.968	0.889	0.784	0.540	71	29	22	13	-15	3.16E-8	2.89E-5	> 1.00E-4
SR	0.140	0.670	0.308	0.264	0.248	0.245	0.245	32	23	20	20	20	< 1.00E-8	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.362	1.643	1.191	0.641	0.623	0.622	0.323	65	22	20	20	-11	2.20E-8	4.47E-5	> 1.00E-4
EKVX	0.761	1.860	1.595	1.337	1.267	1.178	0.863	76	52	46	38	9	2.36E-7	> 1.00E-4	> 1.00E-4
HOP-62	0.401	1.137	0.812	0.590	0.566	0.565	0.276	56	26	22	22	-31	1.56E-8	2.60E-5	> 1.00E-4
HOP-92	1.007	1.335	1.174	1.330	1.260	1.162	0.820	51	98	77	47	-19	8.09E-6	5.22E-5	> 1.00E-4
NCI-H226	0.778	1.720	1.401	0.871	0.590	0.546	0.465	66	10	-24	-30	-40	1.93E-8	1.95E-7	> 1.00E-4
NCI-H23	0.625	2.068	1.322	0.705	0.694	0.654	0.535	48	6	5	2	-14	< 1.00E-8	1.33E-5	> 1.00E-4
NCI-H322M	0.719	1.665	1.531	1.153	1.153	1.127	0.817	86	46	46	43	10	7.88E-8	> 1.00E-4	> 1.00E-4
NCI-H460	0.153	1.418	0.665	0.239	0.191	0.194	0.123	40	7	3	3	-20	< 1.00E-8	1.38E-5	> 1.00E-4
NCI-H522	0.615	1.664	0.599	0.524	0.496	0.524	0.491	-3	-15	-19	-15	-20	< 1.00E-8	< 1.00E-8	> 1.00E-4
Colon Cancer															
COLO 205	0.255	0.897	0.686	0.192	0.118	0.083	0.072	67	-25	-54	-68	-72	1.54E-8	5.36E-8	7.43E-7
HCC-2998	0.475	1.618	1.426	0.683	0.756	0.679	0.355	83	18	25	18	-25	3.24E-8	2.59E-5	> 1.00E-4
HCT-116	0.194	1.449	0.902	0.419	0.259	0.237	0.132	56	18	5	3	-32	1.46E-8	1.24E-5	> 1.00E-4
HCT-15	0.326	1.990	1.211	0.697	0.612	0.516	0.313	53	22	17	11	-4	1.27E-8	5.41E-5	> 1.00E-4
HT29	0.224	1.373	0.769	0.285	0.281	0.242	0.131	47	5	5	2	-42	< 1.00E-8	1.08E-5	> 1.00E-4
KM12	0.323	1.444	0.599	0.467	0.331	0.337	0.227	25	13	1	1	-30	< 1.00E-8	1.09E-5	> 1.00E-4
SW-620	0.172	1.180	0.563	0.396	0.369	0.398	0.277	39	22	19	22	10	< 1.00E-8	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.378	1.061	0.715	0.593	0.482	0.457	0.342	49	31	15	11	-10	< 1.00E-8	3.49E-5	> 1.00E-4
SF-295	0.655	2.434	0.909	0.707	0.763	0.780	0.570	14	3	6	7	-13	< 1.00E-8	2.24E-5	> 1.00E-4
SF-539	0.599	1.703	1.303	0.659	0.714	0.613	0.418	64	5	10	1	-30	1.72E-8	1.10E-5	> 1.00E-4
SNB-19	0.475	1.697	1.369	0.922	0.902	0.904	0.518	73	37	35	35	3	4.29E-8	> 1.00E-4	> 1.00E-4
SNB-75	0.910	1.358	0.871	0.796	0.881	0.890	0.561	-4	-13	-3	-2	-38	< 1.00E-8	< 1.00E-8	> 1.00E-4
U251	0.342	1.489	1.225	0.612	0.586	0.608	0.330	77	24	21	23	-4	3.20E-8	7.39E-5	> 1.00E-4
Melanoma															
LOX IMVI	0.388	2.261	1.498	1.270	0.808	0.776	0.510	59	47	22	21	7	5.75E-8	> 1.00E-4	> 1.00E-4
MALME-3M	0.723	1.402	1.039	1.053	1.182	1.176	0.719	47	49	68	67	-1	.	9.79E-5	> 1.00E-4
M14	0.388	1.291	0.864	0.319	0.365	0.481	0.381	53	-18	-6	10	-2	1.09E-8	.	> 1.00E-4
MDA-MB-435	0.444	2.043	0.414	0.279	0.296	0.384	0.356	-7	-37	-33	-14	-20	< 1.00E-8	< 1.00E-8	> 1.00E-4
SK-MEL-2	0.714	1.270	1.060	0.912	0.892	0.898	0.710	62	36	32	33	-1	2.89E-8	9.58E-5	> 1.00E-4
SK-MEL-28	0.435	1.129	0.792	0.658	0.737	0.746	0.331	51	32	44	45	-24	1.17E-8	4.48E-5	> 1.00E-4
SK-MEL-5	0.614	2.247	1.434	1.016	0.524	0.463	0.193	50	25	-15	-25	-69	1.02E-8	4.24E-7	3.78E-5
UACC-257	0.884	1.645	1.310	1.303	1.274	1.430	0.680	56	55	51	72	-23	1.70E-5	5.70E-5	> 1.00E-4
UACC-62	0.568	2.464	0.991	1.226	1.021	1.021	0.641	22	35	35	24	4	< 1.00E-8	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.428	1.616	1.152	0.848	0.733	0.655	0.355	61	35	26	19	-17	2.67E-8	3.37E-5	> 1.00E-4
OVCAR-3	0.347	0.962	0.452	0.186	0.177	0.183	0.101	17	-47	-49	-47	-71	< 1.00E-8	1.85E-8	1.30E-5
OVCAR-4	0.543	1.017	0.926	0.738	0.726	0.716	0.435	81	41	38	36	-20	5.97E-8	4.43E-5	> 1.00E-4
OVCAR-5	0.467	1.231	1.172	0.814	0.816	0.660	0.455	92	45	46	25	-3	7.97E-8	8.09E-5	> 1.00E-4
OVCAR-8	0.433	1.549	1.350	0.758	0.666	0.665	0.415	82	29	21	21	-4	4.04E-8	6.75E-5	> 1.00E-4
NCI/ADR-RES	0.455	1.544	0.725	0.519	0.509	0.533	0.386	25	6	5	7	-15	< 1.00E-8	2.08E-5	> 1.00E-4
SK-OV-3	0.536	1.155	0.878	0.532	0.462	0.449	0.307	55	-1	-14	-16	-43	1.24E-8	9.70E-8	> 1.00E-4
Renal Cancer															
786-0	0.680	2.251	1.933	1.232	1.145	0.935	0.428	80	35	30	16	-37	4.64E-8	2.02E-5	> 1.00E-4
A498	1.031	1.723	1.265	1.095	1.001	0.988	0.638	34	9	-3	-4	-38	< 1.00E-8	5.76E-7	> 1.00E-4
ACHN	0.269	1.192	0.816	0.685	0.630	0.496	0.256	59	45	39	25	-5	4.49E-8	6.76E-5	> 1.00E-4
CAKI-1	0.902	2.414	1.681	1.829	1.573	1.287	0.892	52	61	44	25	-1	4.65E-7	9.08E-5	> 1.00E-4
RXF 393	0.810	1.292	0.967	0.643	0.812	0.775	0.364	32	-21	.	-4	-55	< 1.00E-8	.	7.93E-5
SN12C	0.456	1.901	1.612	1.063	0.851	0.763	0.490	80	42	27	21	2	6.16E-8	> 1.00E-4	> 1.00E-4
TK-10	0.760	1.479	1.329	1.151	1.166	1.137	0.582	79	54	57	52	-23	1.08E-5	4.91E-5	> 1.00E-4
UO-31	0.627	1.634	1.260	1.221	1.236	1.004	0.705	63	59	60	37	8	2.84E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.480	1.652	1.068	0.787	0.738	0.739	0.389	50	26	22	22	-19	1.02E-8	3.45E-5	> 1.00E-4
DU-145	0.322	1.009	0.890	0.306	0.238	0.208	0.106	83	-5	-26	-35	-67	2.36E-8	8.78E-8	2.89E-5
Breast Cancer															
MCF7	0.289	1.385	0.904	0.433	0.379	0.361	0.224	56	13	8	7	-22	1.39E-8	1.68E-5	> 1.00E-4
MDA-MB-231/ATCC	0.562	1.455	1.406	0.955	0.823	0.774	0.519	95	44	29	24	-8	7.60E-8	5.71E-5	> 1.00E-4
HS 578T	0.700	1.418	1.060	0.803	0.867	0.842	0.612	50	14	23	20	-13	1.01E-8	4.07E-5	> 1.00E-4
BT-549	0.876	1.966	1.745	1.349	1.259	1.219	0.852	80	43	35	31	-3	6.57E-8	8.32E-5	> 1.00E-4
T-47D	0.507	1.349	1.092	0.912	1.078	1.075	0.528	69	48	68	67	2	.	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.555	0.955	0.821	0.524	0.440	0.380	0.323	66	-6	-21	-32	-42	1.69E-8	8.37E-8	> 1.00E-4

Mean Graphs

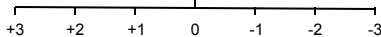
Report Date :December 06, 2011

Test Date :August 08, 2011

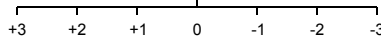


MID  
Delta  
Range

-7.49  
0.51  
3.23



-4.9  
3.1  
4.0



-4.07  
2.06  
2.13

