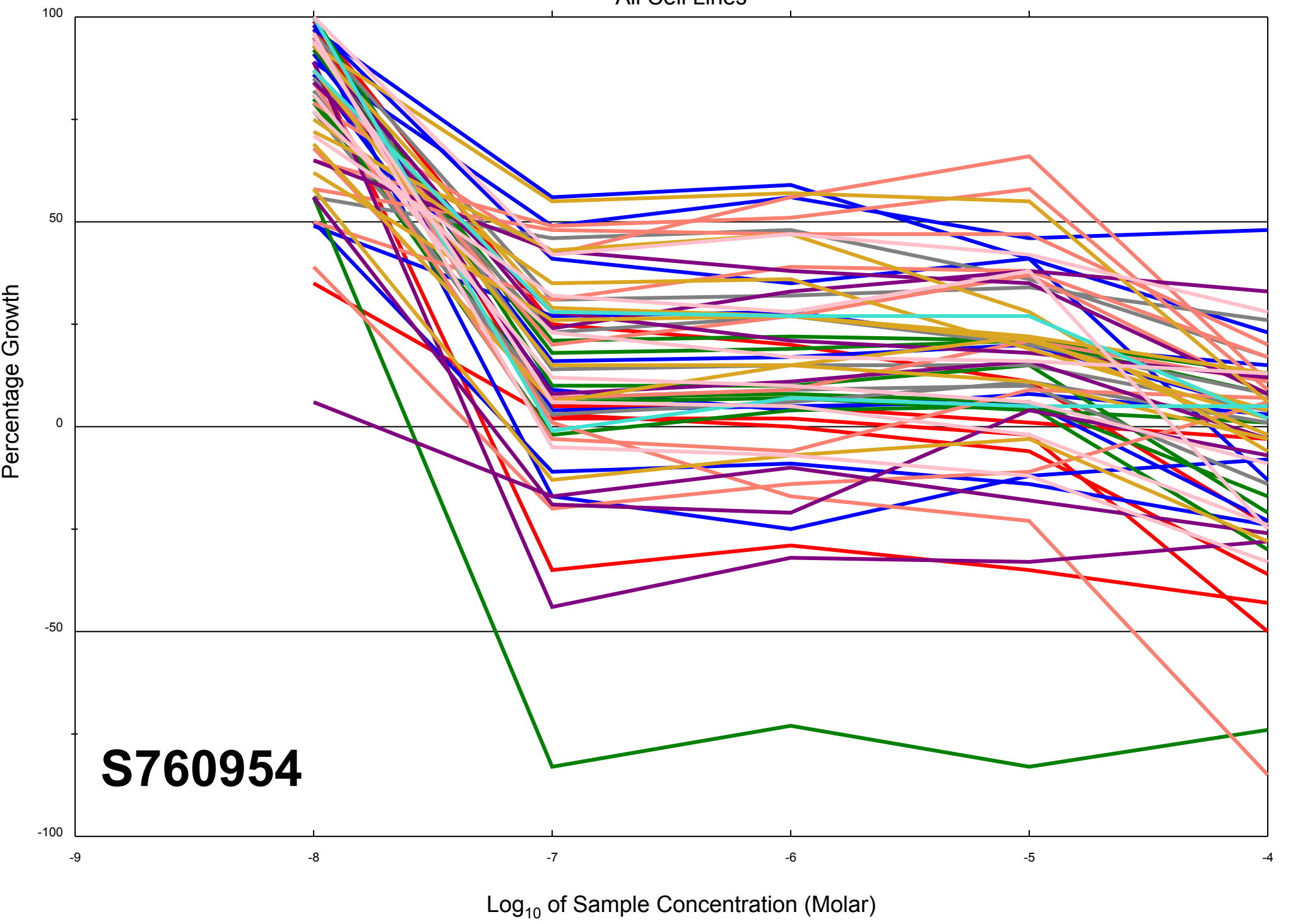
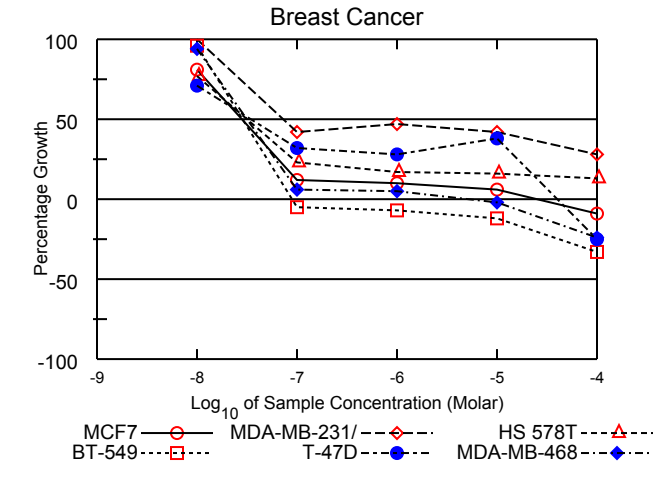
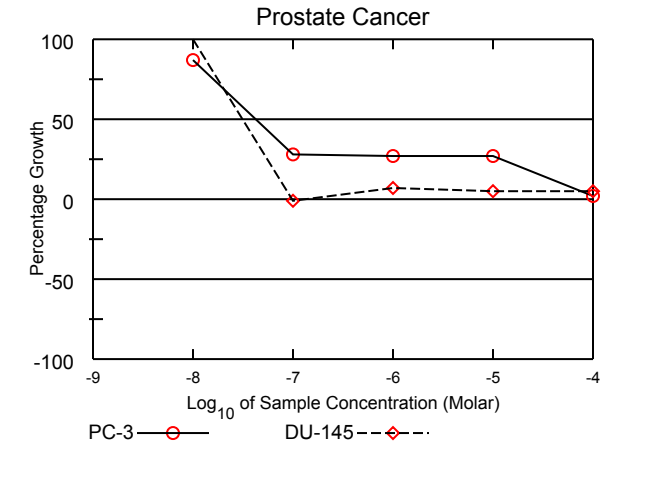
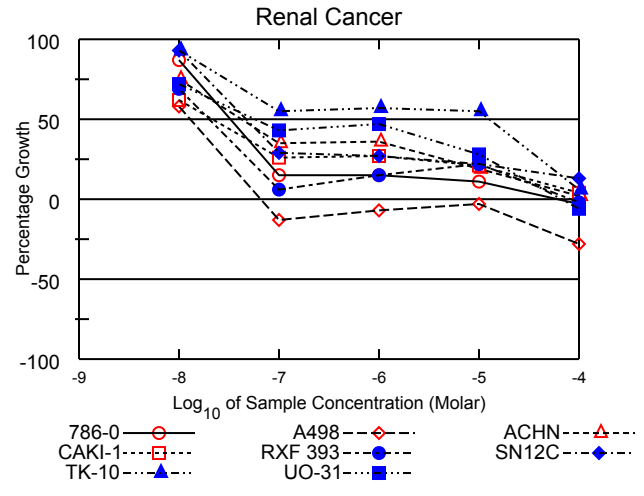
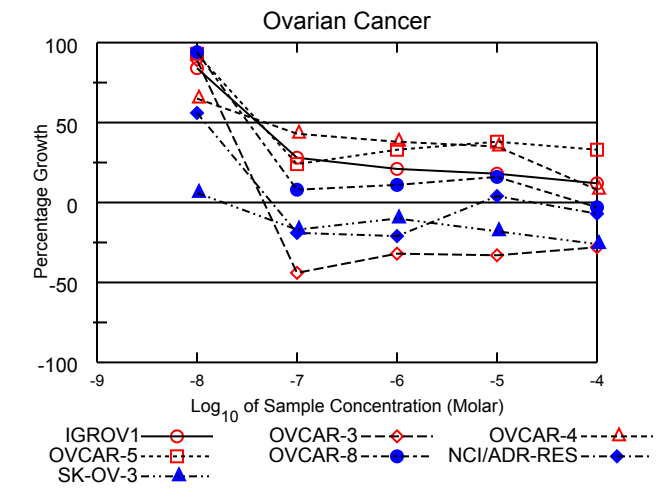
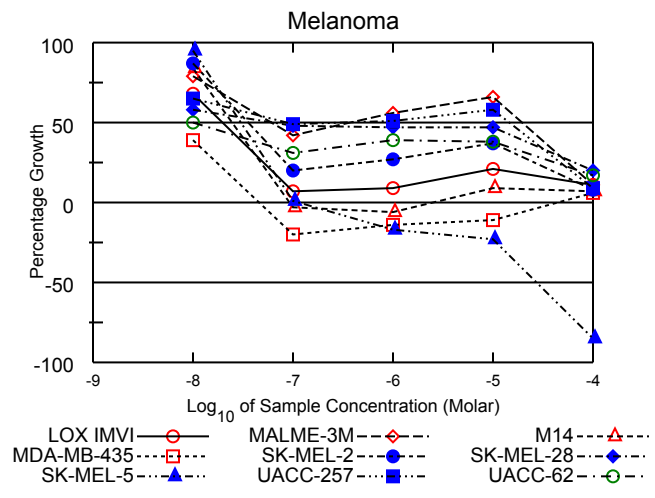
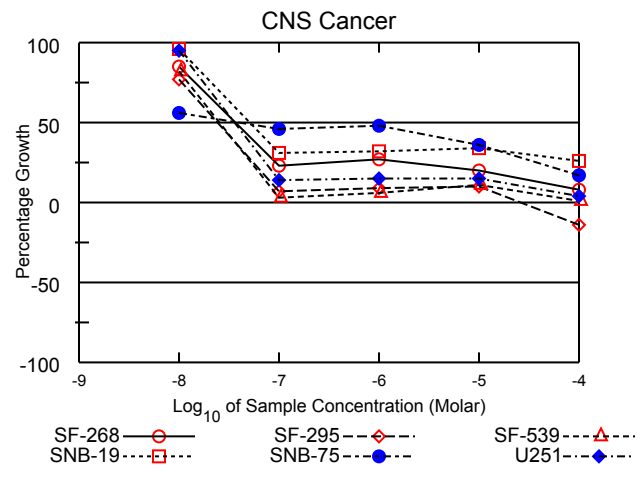
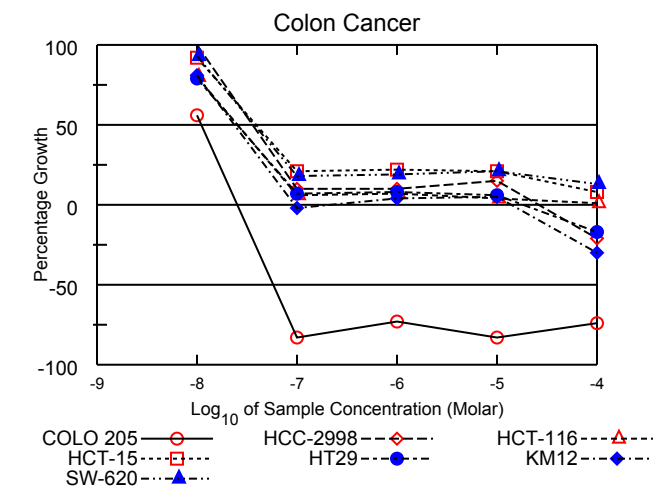
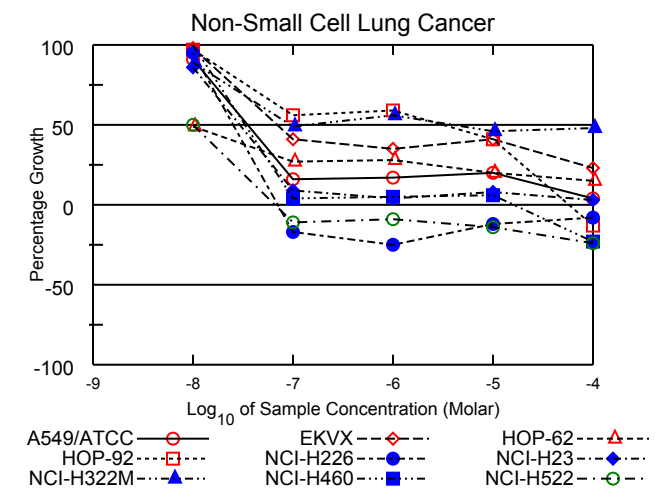
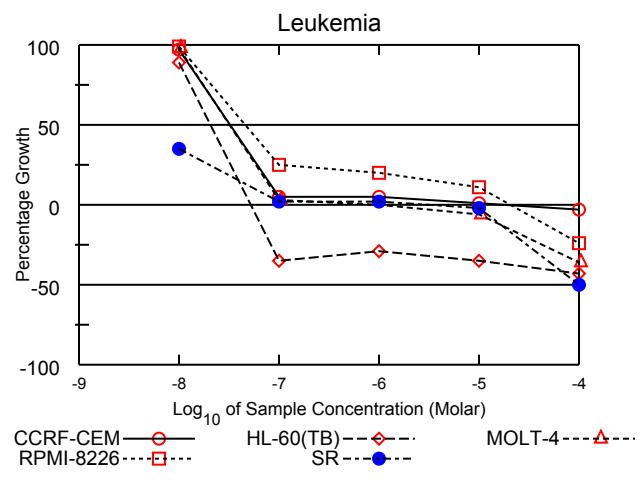


All Cell Lines



S760954



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

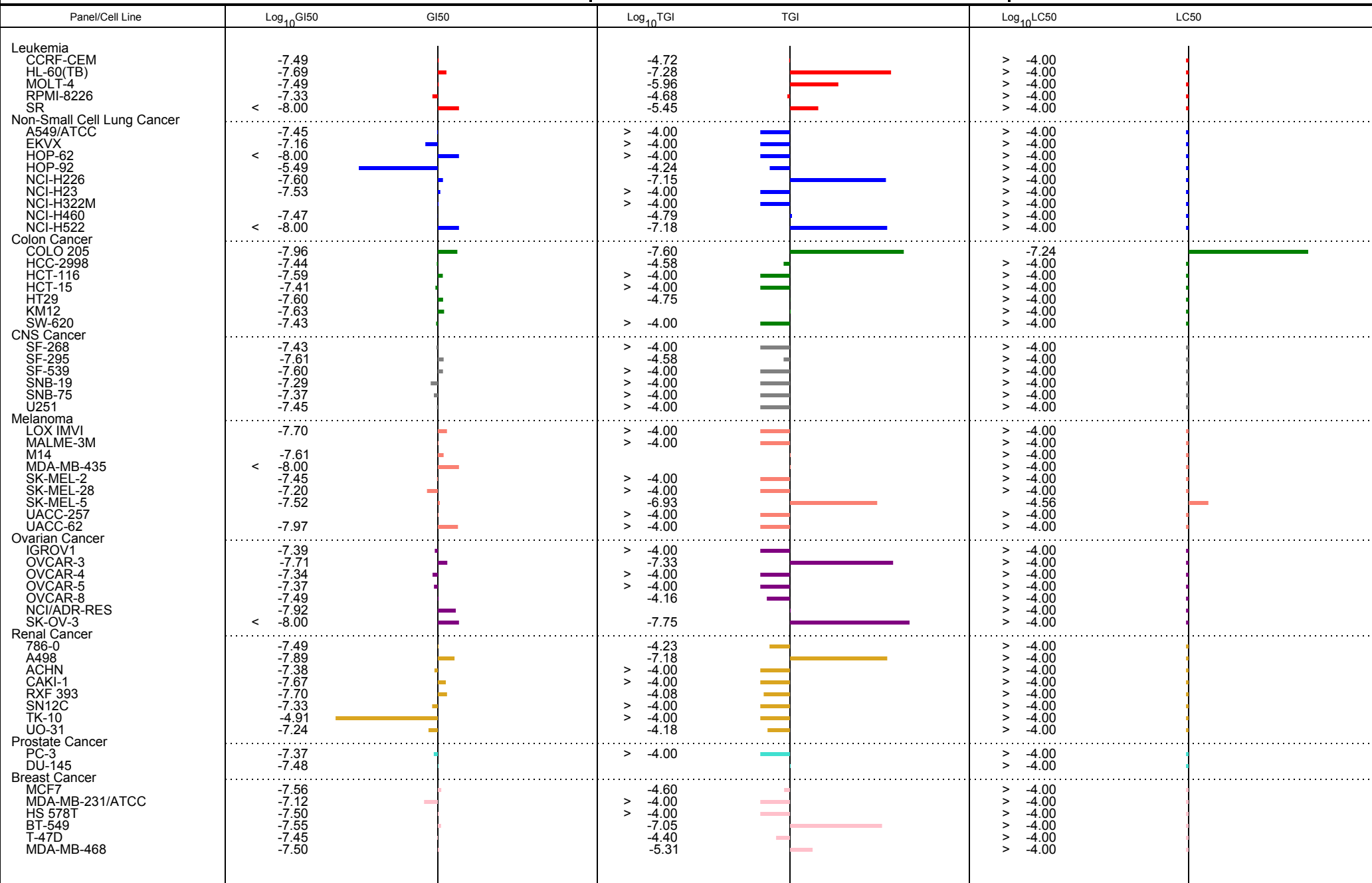
NSC : 760954 / 1	Experiment ID : 1109NS17	Test Type : 08	Units : Molar
Report Date : December 15, 2011	Test Date : September 06, 2011	QNS :	MC :
COMI : NMR/20247227 (107805)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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	0.498	1.665	1.630	0.552	0.551	0.511	0.484	97	5	5	1	-3	3.23E-8	1.89E-5	> 1.00E-4	
HL-60(TB)	0.758	2.238	2.073	0.496	0.536	0.495	0.433	89	-35	-29	-35	-43	2.06E-8	5.25E-8	> 1.00E-4	
MOLT-4	0.679	2.061	2.040	0.724	0.683	0.635	0.436	98	3	.	-6	-36	3.23E-8	1.10E-6	> 1.00E-4	
RPMI-8226	1.007	2.401	2.394	1.359	1.282	1.164	0.767	99	25	20	11	-24	4.64E-8	2.09E-5	> 1.00E-4	
SR	0.200	0.698	0.373	0.209	0.212	0.196	0.101	35	2	2	-2	-50	< 1.00E-8	3.52E-6	> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.312	1.608	1.498	0.518	0.527	0.576	0.365	91	16	17	20	4	3.54E-8	> 1.00E-4	> 1.00E-4	
EKVX	0.572	1.585	1.562	0.989	0.931	0.985	0.802	98	41	35	41	23	6.98E-8	> 1.00E-4	> 1.00E-4	
HOP-62	0.435	1.131	0.773	0.622	0.632	0.575	0.537	49	27	28	20	15	< 1.00E-8	> 1.00E-4	> 1.00E-4	
HOP-92	1.026	1.493	1.479	1.287	1.302	1.220	0.895	97	56	59	41	-13	3.25E-6	5.80E-5	> 1.00E-4	
NCI-H226	0.679	1.648	1.599	0.564	0.509	0.595	0.628	95	-17	-25	-12	-8	2.52E-8	7.06E-8	> 1.00E-4	
NCI-H23	0.483	1.325	1.209	0.558	0.517	0.554	0.508	86	9	4	8	3	2.94E-8	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.868	1.783	1.681	1.320	1.378	1.293	1.304	89	49	56	46	48	.	> 1.00E-4	> 1.00E-4	
NCI-H460	0.205	1.842	1.885	0.272	0.283	0.301	0.159	103	4	5	6	-23	3.42E-8	1.60E-5	> 1.00E-4	
NCI-H522	0.735	1.753	1.242	0.653	0.670	0.635	0.557	50	-11	-9	-14	-24	< 1.00E-8	6.56E-8	> 1.00E-4	
Colon Cancer																
COLO 205	0.334	1.198	0.815	0.056	0.089	0.057	0.088	56	-83	-73	-83	-74	1.10E-8	2.51E-8	5.75E-8	
HCC-2998	0.389	1.272	1.276	0.476	0.476	0.522	0.307	100	10	10	15	-21	3.60E-8	2.60E-5	> 1.00E-4	
HCT-116	0.140	1.148	0.944	0.206	0.214	0.184	0.154	80	6	7	4	1	2.55E-8	> 1.00E-4	> 1.00E-4	
HCT-15	0.350	1.859	1.744	0.662	0.675	0.664	0.466	92	21	22	21	8	3.90E-8	> 1.00E-4	> 1.00E-4	
HT29	0.227	1.425	1.170	0.309	0.322	0.296	0.188	79	7	8	6	-17	2.51E-8	1.78E-5	> 1.00E-4	
KM12	0.420	1.942	1.651	0.413	0.481	0.502	0.295	81	-2	4	5	-30	2.36E-8	.	> 1.00E-4	
SW-620	0.247	1.694	1.597	0.504	0.529	0.549	0.436	93	18	19	21	13	3.74E-8	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.451	1.402	1.258	0.673	0.708	0.639	0.526	85	23	27	20	8	3.69E-8	> 1.00E-4	> 1.00E-4	
SF-295	0.583	2.140	1.777	0.698	0.723	0.743	0.499	77	7	9	10	-14	2.43E-8	2.60E-5	> 1.00E-4	
SF-539	0.670	2.004	1.758	0.711	0.746	0.814	0.689	82	3	6	11	1	2.52E-8	> 1.00E-4	> 1.00E-4	
SNB-19	0.458	1.693	1.643	0.843	0.854	0.873	0.781	96	31	32	34	26	5.12E-8	> 1.00E-4	> 1.00E-4	
SNB-75	0.748	1.725	1.297	1.201	1.217	1.097	0.919	56	46	48	36	17	4.26E-8	> 1.00E-4	> 1.00E-4	
U251	0.298	1.519	1.460	0.466	0.486	0.480	0.343	95	14	15	15	4	3.59E-8	> 1.00E-4	> 1.00E-4	
Melanoma																
LOX IMVI	0.194	1.289	0.944	0.274	0.297	0.429	0.316	68	7	9	21	11	2.00E-8	> 1.00E-4	> 1.00E-4	
MALME-3M	0.531	1.138	1.009	0.788	0.868	0.933	0.599	79	42	56	66	11	.	> 1.00E-4	> 1.00E-4	
M14	0.361	1.271	1.121	0.349	0.340	0.446	0.426	84	-3	-6	9	7	2.43E-8	.	> 1.00E-4	
MDA-MB-435	0.516	2.268	1.197	0.413	0.446	0.457	0.626	39	-20	-14	-11	6	< 1.00E-8	.	> 1.00E-4	
SK-MEL-2	0.869	1.687	1.582	1.032	1.088	1.172	0.939	87	20	27	37	8	3.56E-8	> 1.00E-4	> 1.00E-4	
SK-MEL-28	0.441	1.327	0.955	0.867	0.858	0.857	0.619	58	48	47	47	20	6.34E-8	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.295	2.318	2.220	0.320	0.245	0.229	0.045	95	1	-17	-23	-85	3.03E-8	1.17E-7	2.76E-5	
UACC-257	0.653	1.441	1.163	1.039	1.059	1.113	0.725	65	49	51	58	9	.	> 1.00E-4	> 1.00E-4	
UACC-62	0.689	2.229	1.467	1.173	1.297	1.273	0.947	50	31	39	38	17	1.06E-8	> 1.00E-4	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.456	1.590	1.409	0.773	0.700	0.663	0.590	84	28	21	18	12	4.04E-8	> 1.00E-4	> 1.00E-4	
OVCAR-3	0.552	1.528	1.421	0.309	0.376	0.371	0.396	89	-44	-32	-33	-28	1.96E-8	4.66E-8	> 1.00E-4	
OVCAR-4	0.420	1.060	0.834	0.693	0.663	0.642	0.469	65	43	38	35	8	4.61E-8	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.527	1.393	1.336	0.736	0.809	0.858	0.809	93	24	33	38	33	4.24E-8	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.376	1.611	1.534	0.472	0.515	0.578	0.364	94	8	11	16	-3	3.23E-8	6.86E-5	> 1.00E-4	
NCI/ADR-RES	0.451	1.595	1.093	0.364	0.355	0.496	0.421	56	-19	-21	4	-7	1.20E-8	.	> 1.00E-4	
SK-OV-3	0.356	0.880	0.386	0.295	0.319	0.291	0.265	6	-17	-10	-18	-26	< 1.00E-8	1.76E-8	> 1.00E-4	
Renal Cancer																
786-0	0.457	1.726	1.559	0.648	0.650	0.591	0.443	87	15	15	11	-3	3.26E-8	5.87E-5	> 1.00E-4	
A498	1.040	1.589	1.358	0.904	0.965	1.014	0.751	58	-13	-7	-3	-28	1.29E-8	6.54E-8	> 1.00E-4	
ACHN	0.403	1.678	1.353	0.845	0.857	0.647	0.427	75	35	36	19	2	4.12E-8	> 1.00E-4	> 1.00E-4	
CAKI-1	0.595	2.037	1.484	0.976	0.985	0.901	0.658	62	26	27	21	4	2.14E-8	> 1.00E-4	> 1.00E-4	
RXF 393	0.550	1.115	0.939	0.584	0.636	0.672	0.539	69	6	15	22	-2	1.99E-8	8.23E-5	> 1.00E-4	
SN12C	0.449	1.754	1.668	0.826	0.798	0.739	0.614	93	29	27	22	13	4.71E-8	> 1.00E-4	> 1.00E-4	
TK-10	0.708	1.489	1.438	1.136	1.152	1.135	0.752	93	55	57	55	6	1.24E-5	> 1.00E-4	> 1.00E-4	
UO-31	0.540	1.451	1.198	0.933	0.965	0.796	0.507	72	43	47	28	-6	5.82E-8	6.59E-5	> 1.00E-4	
Prostate Cancer																
PC-3	0.483	1.273	1.172	0.707	0.700	0.700	0.498	87	28	27	27	2	4.29E-8	> 1.00E-4	> 1.00E-4	
DU-145	0.333	1.224	1.260	0.331	0.398	0.378	0.379	104	-1	7	5	5	3.28E-8	.	> 1.00E-4	
Breast Cancer																
MCF7	0.250	1.337	1.126	0.378	0.360	0.316	0.228	81	12	10	6	-9	2.78E-8	2.53E-5	> 1.00E-4	
MDA-MB-231/ATCC	0.637	1.697	1.747	1.085	1.137	1.087	0.930	105	42	47	42	28	7.51E-8	> 1.00E-4	> 1.00E-4	
HS 578T	0.814	1.655	1.465	1.007	0.957	0.951	0.924	77	23	17	16	13	3.19E-8	> 1.00E-4	> 1.00E-4	
BT-549	0.679	1.518	1.480	0.642	0.632	0.600	0.453	96	-5	-7	-12	-33	2.82E-8	8.83E-8	> 1.00E-4	
T-47D	0.525	1.127	0.956	0.719	0.695	0.757	0.393	71	32	28	38	-25	3.51E-8	4.01E-5	> 1.00E-4	
MDA-MB-468	0.608	1.259	1.217	0.649	0.638	0.596	0.464	94	6	5	-2	-24	3.15E-8	4.87E-6	> 1.00E-4	

Mean Graphs

Report Date :December 15, 2011

Test Date :September 06, 2011



MID
Delta
Range

-7.47
0.53
3.09

-4.74
3.01
3.75

-4.06
3.18
3.24

