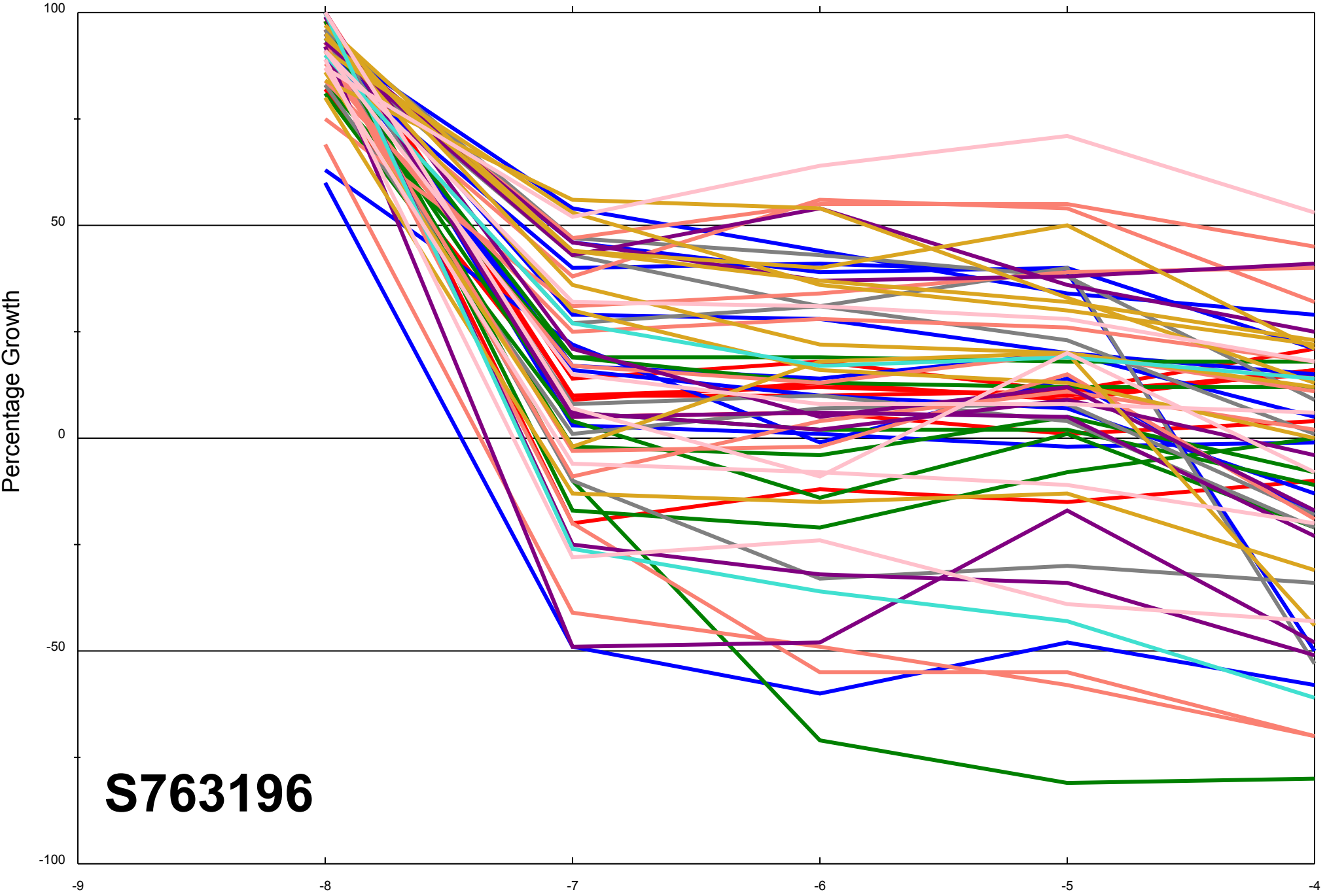


Dose Response Curves

Report Date:April 19, 2012

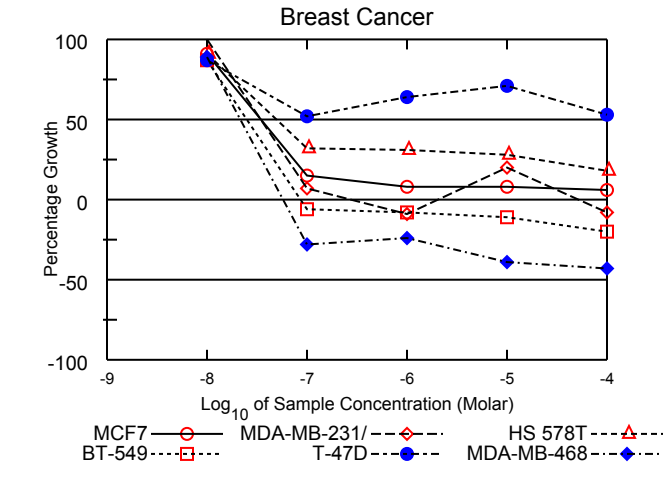
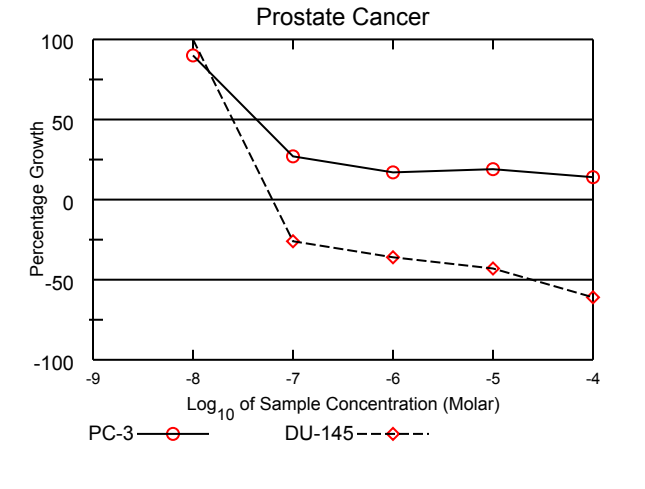
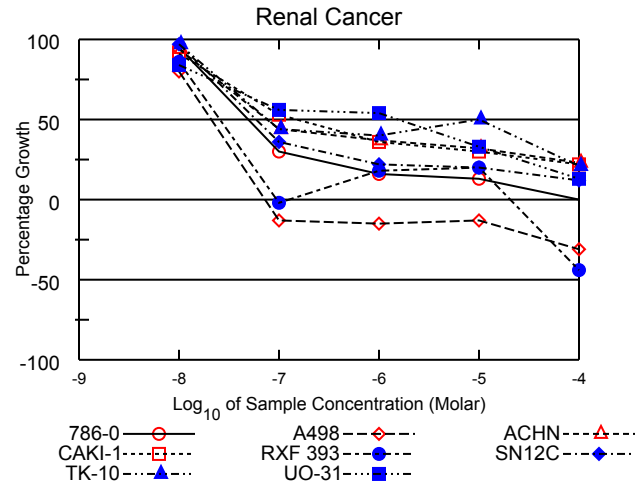
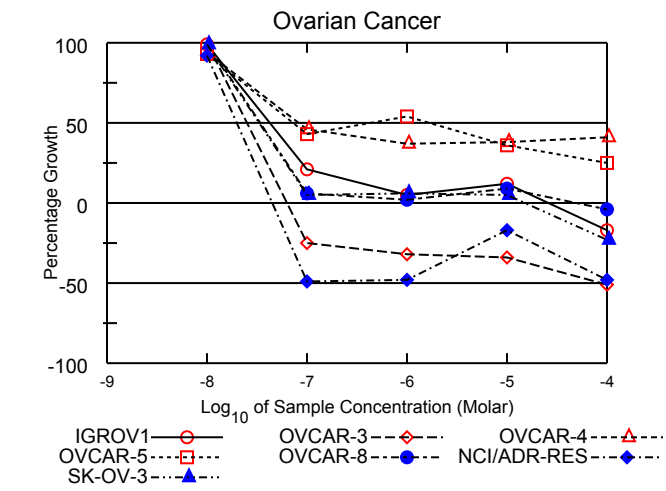
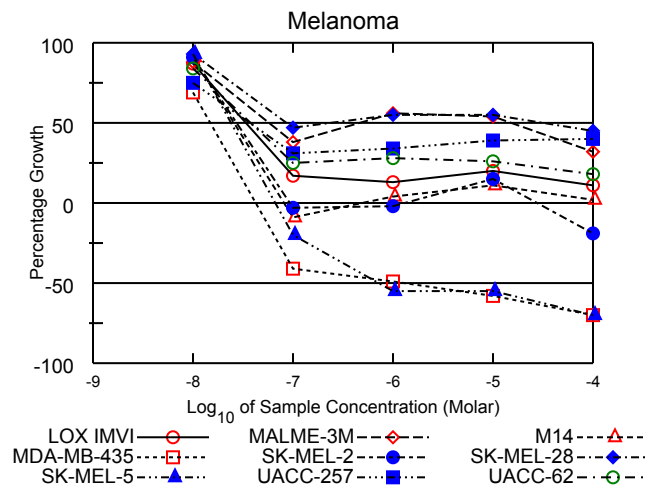
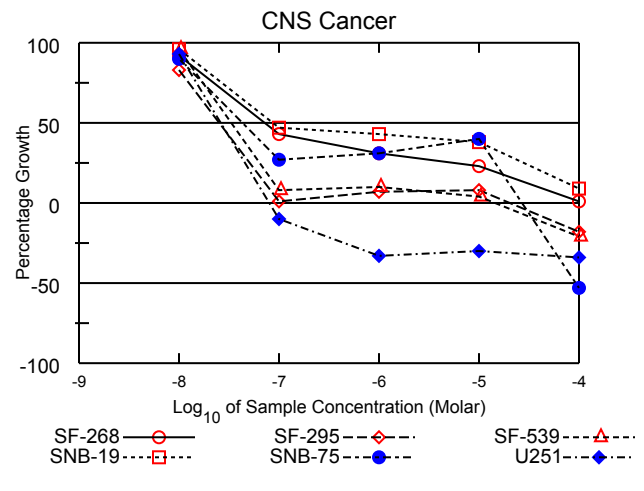
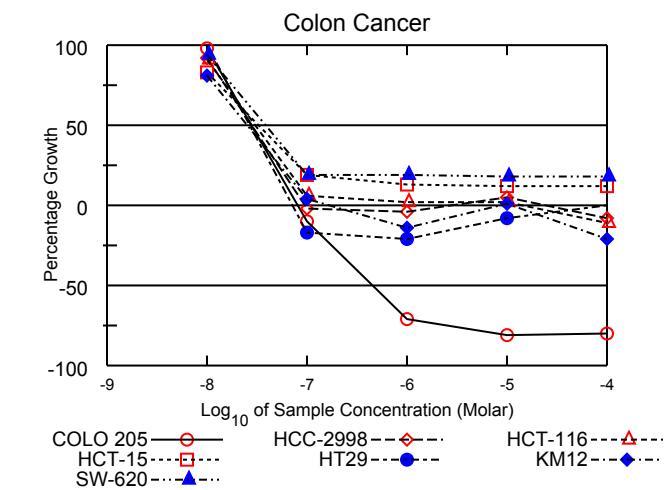
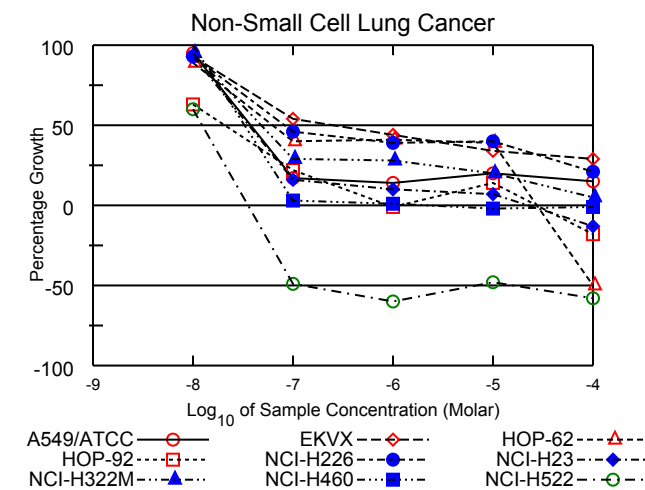
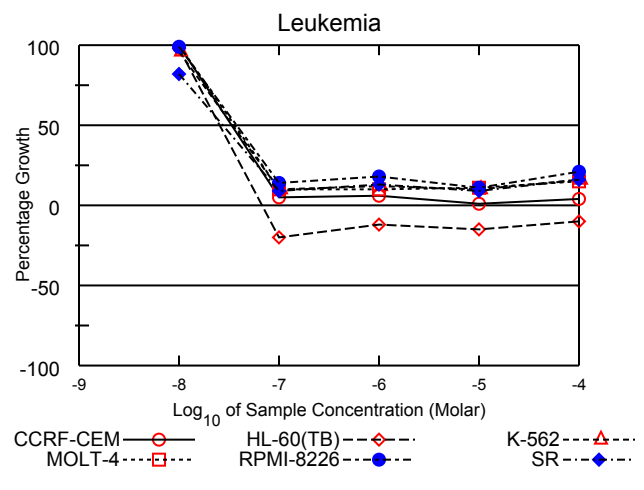
Test Date:February 06, 2012

All Cell Lines



S763196

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

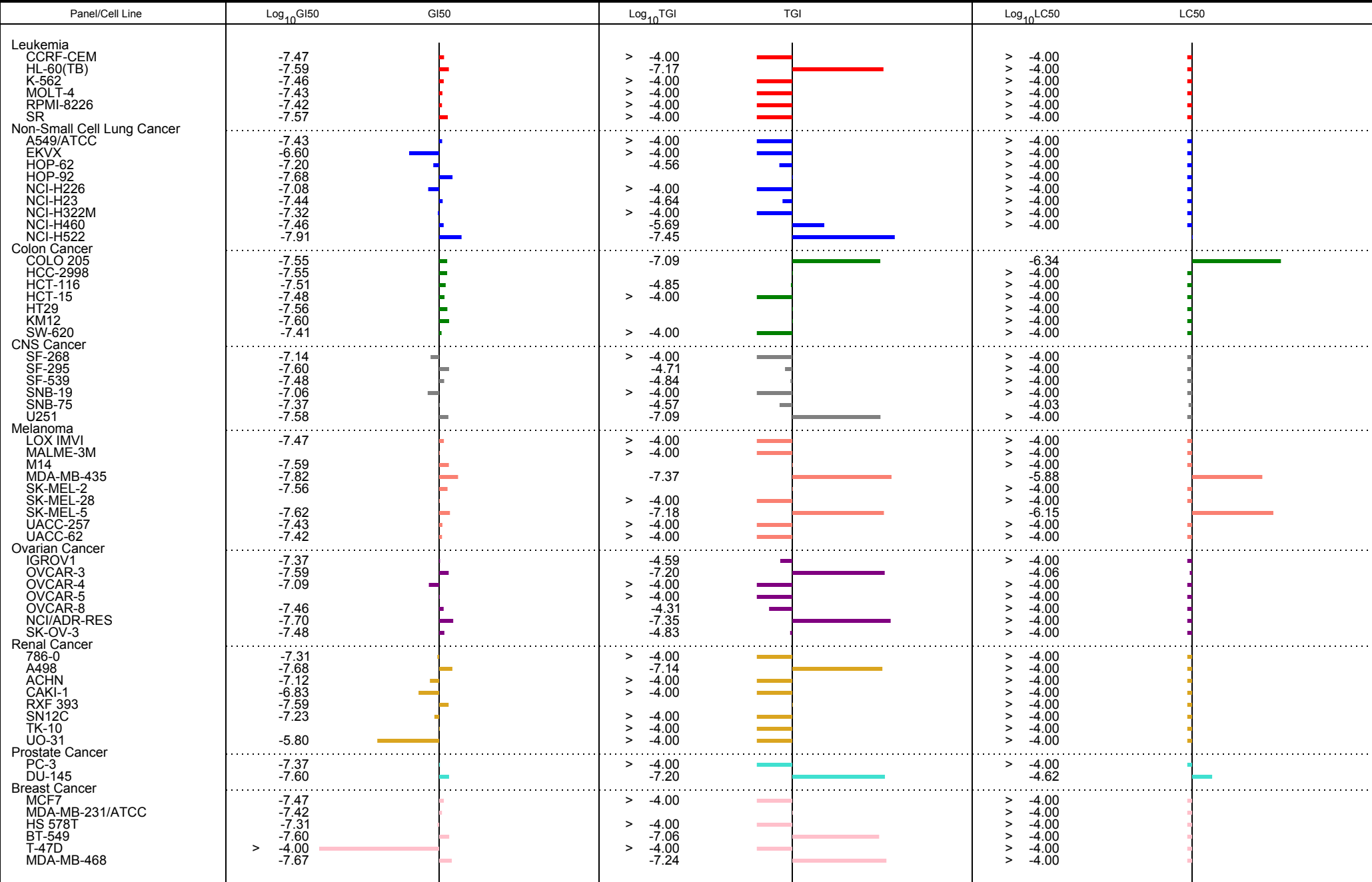
NSC : 763196 / 1	Experiment ID : 1202NS06	Test Type : 08	Units : Molar
Report Date : April 19, 2012	Test Date : February 06, 2012	QNS :	MC :
COMI : A4170/0177700 (114212)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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	2.112	2.113	0.721	0.738	0.654	0.709	100	5	6	1	4	3.37E-8	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.983	2.405	2.376	0.789	0.865	0.840	0.890	98	-20	-12	-15	-10	2.56E-8	6.80E-8	> 1.00E-4
K-562	0.271	1.565	1.511	0.404	0.422	0.398	0.474	96	10	12	10	16	3.43E-8	> 1.00E-4	> 1.00E-4
MOLT-4	0.737	2.147	2.188	0.876	0.879	0.889	0.945	103	10	10	11	15	3.70E-8	> 1.00E-4	> 1.00E-4
RPMI-8226	1.142	2.621	2.606	1.355	1.408	1.299	1.450	99	14	18	11	21	3.79E-8	> 1.00E-4	> 1.00E-4
SR	0.496	1.528	1.337	0.586	0.631	0.593	0.666	82	9	13	9	16	2.71E-8	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.315	1.338	1.286	0.487	0.457	0.515	0.467	95	17	14	20	15	3.76E-8	> 1.00E-4	> 1.00E-4
EKVX	0.799	1.589	1.535	1.228	1.144	1.068	1.025	93	54	44	34	29	2.51E-7	> 1.00E-4	> 1.00E-4
HOP-62	0.422	1.077	1.008	0.684	0.690	0.675	0.212	89	40	41	39	-50	6.26E-8	2.73E-5	> 1.00E-4
HOP-92	1.041	1.408	1.273	1.121	1.034	1.093	0.851	63	22	-1	14	-18	2.07E-8	.	> 1.00E-4
NCI-H226	0.716	1.710	1.639	1.178	1.107	1.113	0.925	93	46	39	40	21	8.39E-8	> 1.00E-4	> 1.00E-4
NCI-H23	0.547	1.525	1.458	0.708	0.643	0.617	0.477	93	16	10	7	-13	3.65E-8	2.28E-5	> 1.00E-4
NCI-H322M	0.759	1.643	1.594	1.017	1.010	0.935	0.801	95	29	28	20	5	4.80E-8	> 1.00E-4	> 1.00E-4
NCI-H460	0.275	2.025	2.102	0.330	0.288	0.271	0.272	104	3	1	-2	-1	3.44E-8	2.05E-6	> 1.00E-4
NCI-H522	0.691	1.510	1.180	0.353	0.274	0.359	0.291	60	-49	-60	-48	-58	1.23E-8	3.54E-8	.
Colon Cancer															
COLO 205	0.335	1.356	1.340	0.303	0.097	0.064	0.067	98	-10	-71	-81	-80	2.81E-8	8.16E-8	4.55E-7
HCC-2998	0.457	1.408	1.336	0.448	0.438	0.505	0.421	92	-2	-4	5	-8	2.82E-8	.	> 1.00E-4
HCT-116	0.169	1.448	1.338	0.250	0.191	0.193	0.151	91	6	2	2	-11	3.06E-8	1.40E-5	> 1.00E-4
HCT-15	0.211	1.279	1.102	0.410	0.347	0.343	0.337	83	19	13	12	12	3.28E-8	> 1.00E-4	> 1.00E-4
HT29	0.199	1.022	1.049	0.166	0.158	0.183	0.203	103	-17	-21	-8	.	2.78E-8	.	> 1.00E-4
KM12	0.448	1.763	1.509	0.501	0.387	0.460	0.356	81	4	-14	1	-21	2.51E-8	.	> 1.00E-4
SW-620	0.205	1.057	1.004	0.371	0.366	0.355	0.358	94	19	19	18	18	3.88E-8	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.554	1.595	1.514	1.006	0.881	0.797	0.565	92	43	31	23	1	7.32E-8	> 1.00E-4	> 1.00E-4
SF-295	0.857	2.188	1.961	0.869	0.950	0.959	0.701	83	1	7	8	-18	2.52E-8	1.97E-5	> 1.00E-4
SF-539	0.739	1.948	1.905	0.836	0.856	0.786	0.588	96	8	10	4	-21	3.35E-8	1.44E-5	> 1.00E-4
SNB-19	0.598	1.719	1.671	1.124	1.078	1.019	0.699	96	47	43	38	9	8.64E-8	> 1.00E-4	> 1.00E-4
SNB-75	0.674	1.366	1.295	0.860	0.887	0.952	0.317	90	27	31	40	-53	4.29E-8	2.69E-5	9.28E-5
U251	0.288	1.061	1.007	0.261	0.193	0.203	0.191	93	-10	-33	-30	-34	2.62E-8	8.07E-8	> 1.00E-4
Melanoma															
LOX IMVI	0.228	1.822	1.618	0.503	0.441	0.550	0.398	87	17	13	20	11	3.40E-8	> 1.00E-4	> 1.00E-4
MALME-3M	0.623	0.946	0.909	0.746	0.804	0.799	0.726	88	38	56	54	32	.	> 1.00E-4	> 1.00E-4
M14	0.381	1.510	1.404	0.346	0.425	0.505	0.406	91	-9	4	11	2	2.55E-8	.	> 1.00E-4
MDA-MB-435	0.471	1.968	1.511	0.280	0.241	0.200	0.141	69	-41	-49	-58	-70	1.50E-8	4.27E-8	1.33E-6
SK-MEL-2	0.934	1.690	1.624	0.911	0.913	1.048	0.754	91	-3	-2	15	-19	2.76E-8	.	> 1.00E-4
SK-MEL-28	0.533	1.458	1.392	0.972	1.038	1.040	0.953	93	47	55	55	45	.	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.515	2.416	2.284	0.411	0.230	0.234	0.153	93	-20	-55	-55	-70	2.40E-8	6.62E-8	7.04E-7
UACC-257	0.687	1.328	1.166	0.888	0.906	0.937	0.944	75	31	34	39	40	3.71E-8	> 1.00E-4	> 1.00E-4
UACC-62	0.806	2.058	1.863	1.119	1.153	1.127	1.031	84	25	28	26	18	3.79E-8	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.636	1.612	1.607	0.838	0.690	0.755	0.527	99	21	5	12	-17	4.25E-8	2.60E-5	> 1.00E-4
OVCAR-3	0.467	1.313	1.336	0.348	0.317	0.310	0.229	103	-25	-32	-34	-51	2.58E-8	6.33E-8	8.68E-5
OVCAR-4	0.569	1.017	0.989	0.773	0.737	0.740	0.751	94	46	37	38	41	8.08E-8	> 1.00E-4	> 1.00E-4
OVCAR-5	0.706	1.769	1.700	1.162	1.279	1.088	0.971	93	43	54	36	25	.	> 1.00E-4	> 1.00E-4
OVCAR-8	0.476	1.629	1.648	0.540	0.503	0.580	0.457	102	6	2	9	-4	3.45E-8	4.93E-5	> 1.00E-4
NCI/ADR-RES	0.446	1.483	1.401	0.227	0.234	0.368	0.233	92	-49	-48	-17	-48	1.99E-8	4.49E-8	> 1.00E-4
SK-OV-3	0.502	1.265	1.254	0.541	0.550	0.538	0.385	99	5	6	5	-23	3.30E-8	1.47E-5	> 1.00E-4
Renal Cancer															
786-0	0.623	2.299	2.208	1.132	0.894	0.844	0.628	95	30	16	13	.	4.94E-8	> 1.00E-4	> 1.00E-4
A498	1.194	1.846	1.713	1.039	1.010	1.037	0.823	80	-13	-15	-13	-31	2.09E-8	7.23E-8	> 1.00E-4
ACHN	0.399	1.482	1.419	0.876	0.803	0.746	0.652	94	44	37	32	23	7.60E-8	> 1.00E-4	> 1.00E-4
CAKI-1	0.861	2.267	2.145	1.604	1.363	1.280	1.169	91	53	36	30	22	1.46E-7	> 1.00E-4	> 1.00E-4
RXF 393	0.572	1.029	0.967	0.562	0.654	0.663	0.318	86	-2	18	20	-44	2.59E-8	.	> 1.00E-4
SN12C	0.644	2.066	2.020	1.155	0.951	0.934	0.818	97	36	22	20	12	5.87E-8	> 1.00E-4	> 1.00E-4
TK-10	0.689	1.436	1.411	1.021	0.989	1.065	0.844	97	44	40	50	21	.	> 1.00E-4	> 1.00E-4
UO-31	0.694	1.425	1.309	1.106	1.090	0.937	0.788	84	56	54	33	13	1.57E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.509	1.814	1.682	0.858	0.727	0.757	0.686	90	27	17	19	14	4.28E-8	> 1.00E-4	> 1.00E-4
DU-145	0.366	1.164	1.172	0.271	0.233	0.207	0.144	101	-26	-36	-43	-61	2.52E-8	6.24E-8	2.39E-5
Breast Cancer															
MCF7	0.294	1.547	1.428	0.477	0.398	0.398	0.372	91	15	8	8	6	3.42E-8	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.581	1.198	1.261	0.622	0.528	0.704	0.534	110	7	-9	20	-8	3.81E-8	.	> 1.00E-4
HS 578T	0.851	1.665	1.589	1.110	1.103	1.082	1.001	91	32	31	28	18	4.90E-8	> 1.00E-4	> 1.00E-4
BT-549	0.732	1.651	1.529	0.692	0.676	0.653	0.589	87	-6	-8	-11	-20	2.50E-8	8.71E-8	> 1.00E-4
T-47D	0.531	1.302	1.205	0.931	1.024	1.075	0.937	87	52	64	71	53	> 1.00E-4	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.653	1.264	1.199	0.468	0.496	0.401	0.370	89	-28	-24	-39	-43	2.16E-8	5.74E-8	> 1.00E-4

Mean Graphs

Report Date :April 19, 2012

Test Date :February 06, 2012



MID
Delta
Range

