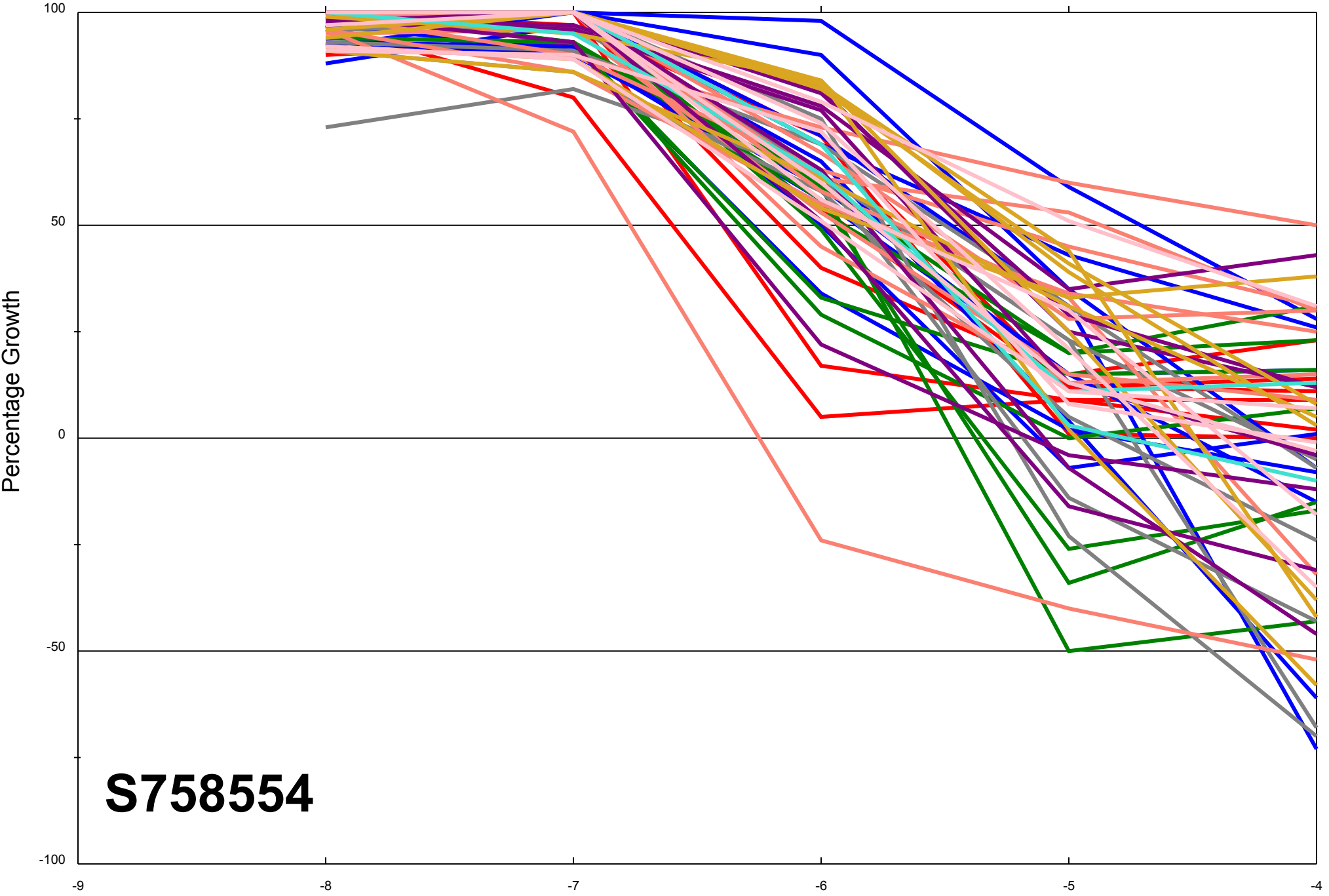


Dose Response Curves

Report Date:December 07, 2011

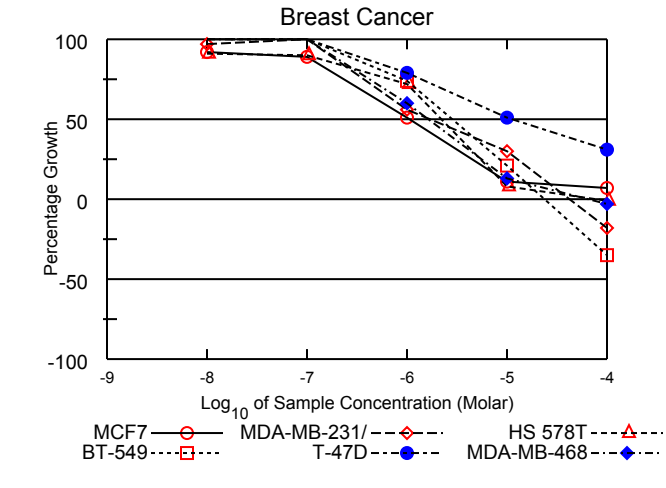
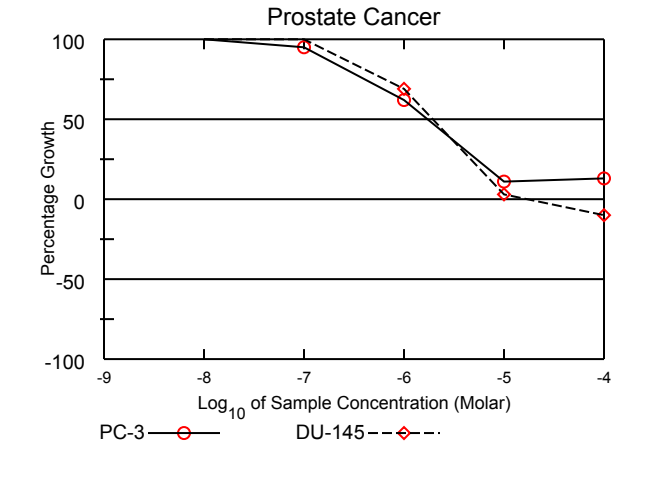
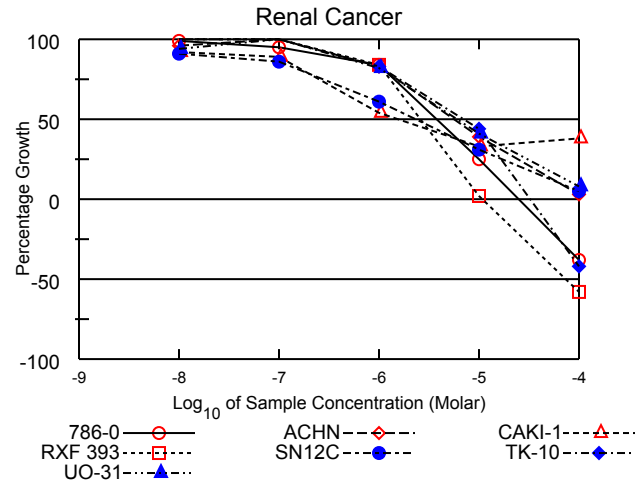
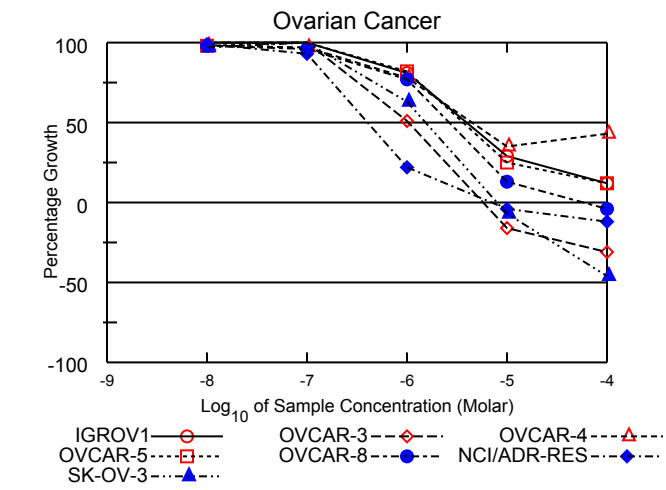
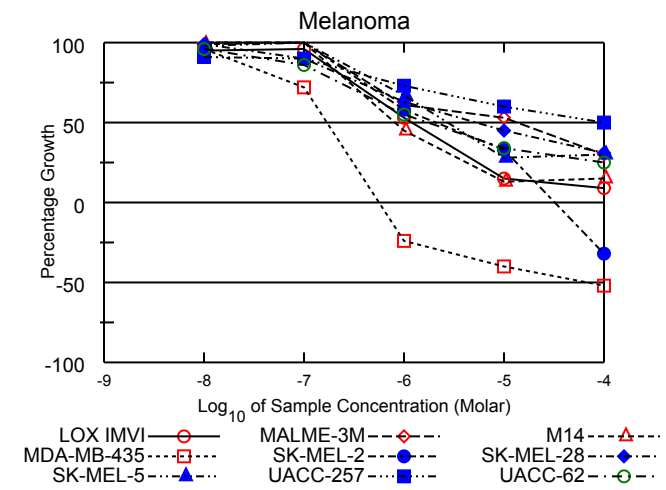
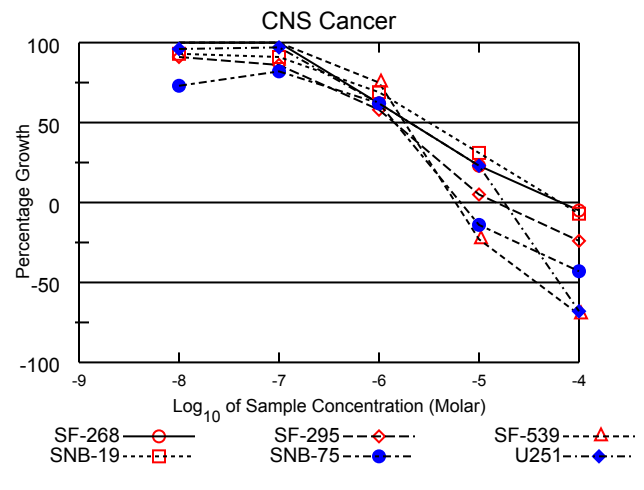
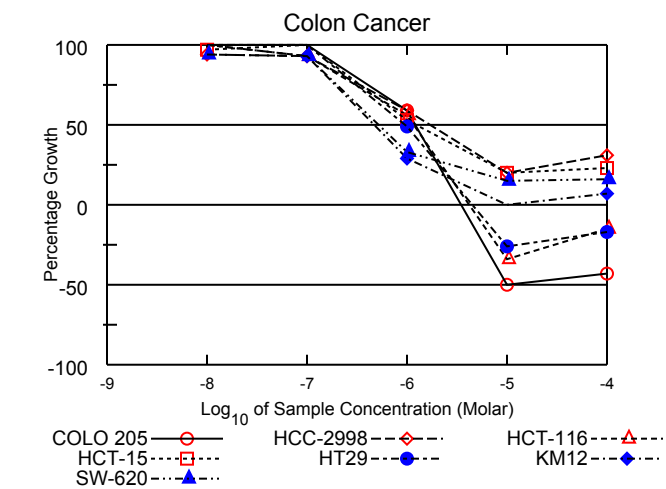
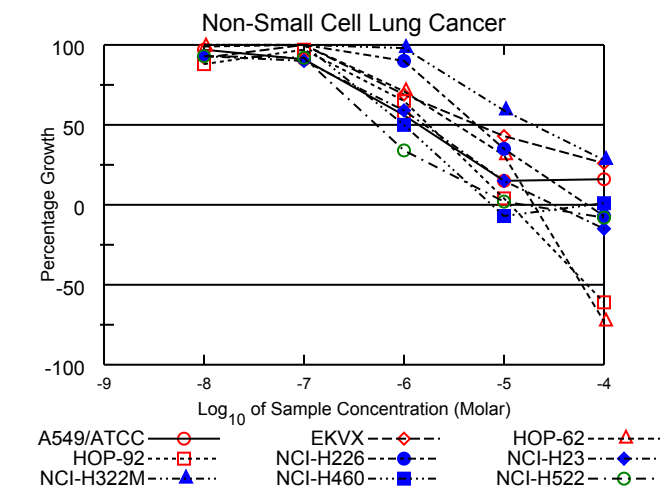
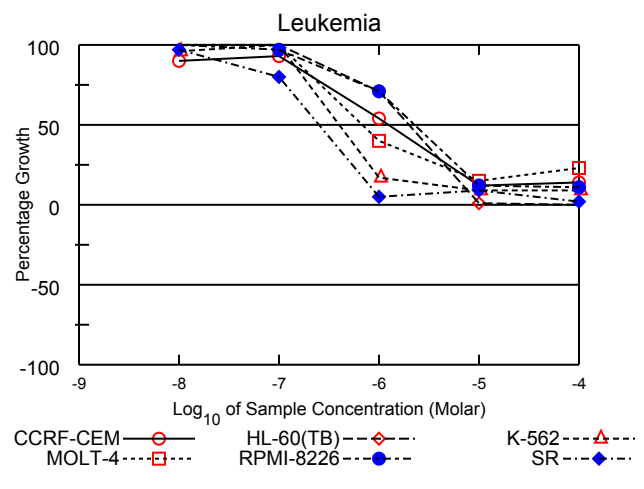
Test Date:August 29, 2011

All Cell Lines



S758554

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

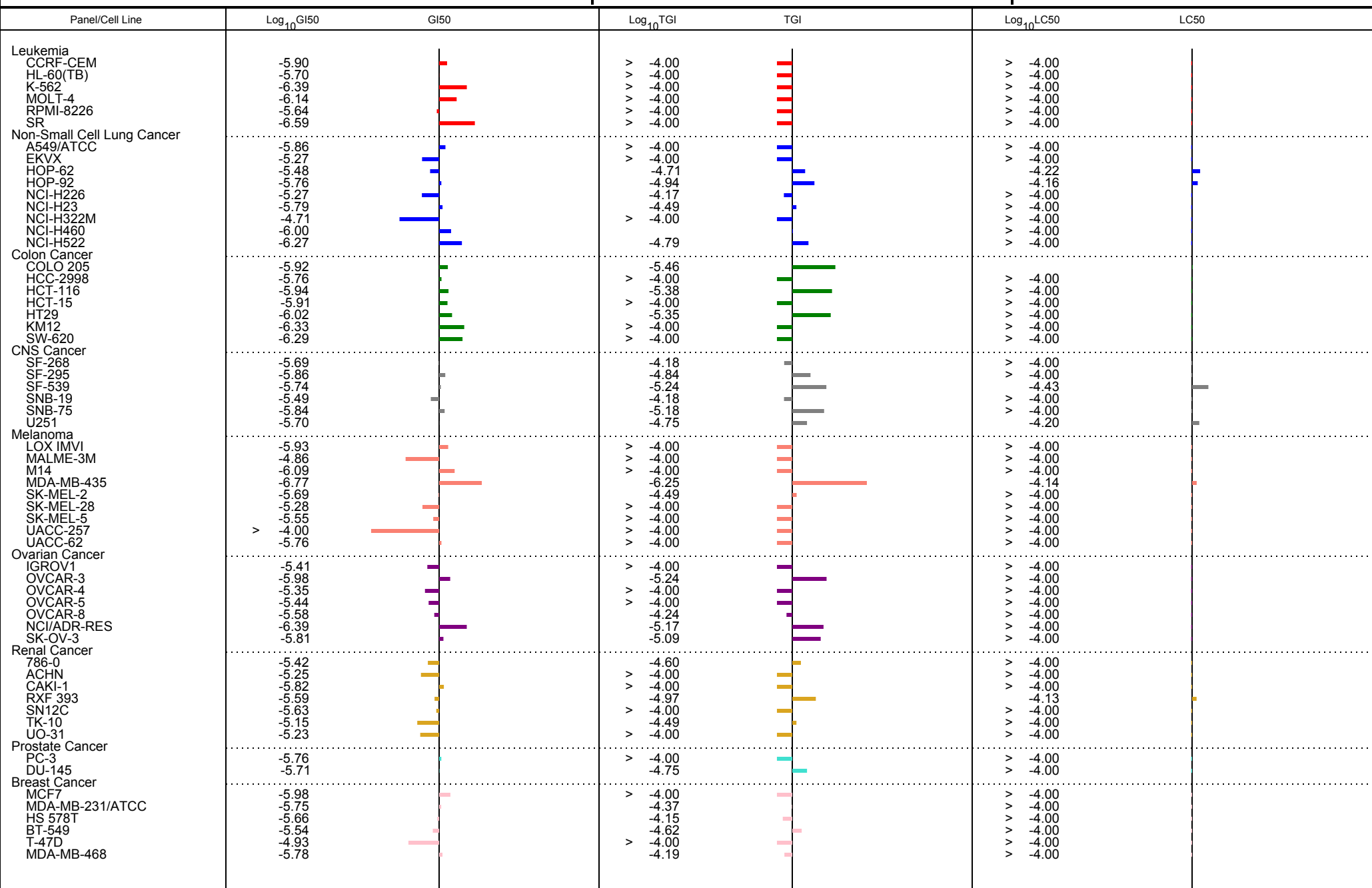
NSC : 758554 / 1	Experiment ID : 1108RS14	Test Type : 08	Units : Molar
Report Date : December 07, 2011	Test Date : August 29, 2011	QNS :	MC :
COMI : A4035/0172015 (105970)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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	1.994	1.849	1.895	1.335	0.723	0.758	90	93	54	12	14	1.26E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.793	2.056	2.156	2.187	1.686	0.805	0.794	108	110	71	1	.	1.98E-6	> 1.00E-4	> 1.00E-4
K-562	0.213	1.487	1.432	1.505	0.425	0.326	0.325	96	101	17	9	9	4.04E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.528	1.832	1.905	1.946	1.056	0.721	0.823	106	109	40	15	23	7.25E-7	> 1.00E-4	> 1.00E-4
RPMI-8226	0.970	2.259	2.265	2.225	1.887	1.125	1.106	100	97	71	12	11	2.28E-6	> 1.00E-4	> 1.00E-4
SR	0.302	1.254	1.229	1.068	0.353	0.388	0.317	97	80	5	9	2	2.54E-7	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.320	1.457	1.419	1.359	0.954	0.493	0.501	97	91	56	15	16	1.38E-6	> 1.00E-4	> 1.00E-4
EKVX	0.621	1.710	1.618	1.711	1.376	1.086	0.901	92	100	69	43	26	5.31E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.390	1.116	1.108	1.150	0.909	0.612	0.105	99	105	71	31	-73	3.34E-6	1.97E-5	5.97E-5
HOP-92	0.929	1.429	1.370	1.415	1.253	0.949	0.367	88	97	65	4	-61	1.75E-6	1.15E-5	6.86E-5
NCI-H226	0.775	1.882	1.895	1.995	1.770	1.166	0.718	101	110	90	35	-7	5.37E-6	6.70E-5	> 1.00E-4
NCI-H23	0.531	1.468	1.405	1.370	1.088	0.674	0.454	93	90	59	15	-15	1.63E-6	3.26E-5	> 1.00E-4
NCI-H322M	0.695	1.642	1.644	1.668	1.621	1.254	0.959	100	103	98	59	28	1.95E-5	> 1.00E-4	> 1.00E-4
NCI-H460	0.228	2.066	2.110	2.067	1.147	0.213	0.253	102	100	50	-7	1	9.99E-7	.	> 1.00E-4
NCI-H522	0.816	1.691	1.632	1.622	1.117	0.835	0.752	93	92	34	2	-8	5.36E-7	1.63E-5	> 1.00E-4
Colon Cancer															
COLO 205	0.277	1.142	1.222	1.272	0.786	0.138	0.159	109	115	59	-50	-43	1.20E-6	3.46E-6	.
HCC-2998	0.476	1.601	1.531	1.523	1.145	0.703	0.822	94	93	59	20	31	1.74E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.167	1.280	1.291	1.206	0.788	0.111	0.142	101	93	56	-34	-15	1.16E-6	4.19E-6	> 1.00E-4
HCT-15	0.319	1.617	1.574	1.629	1.006	0.581	0.616	97	101	53	20	23	1.23E-6	> 1.00E-4	> 1.00E-4
HT29	0.171	0.813	0.833	0.824	0.484	0.127	0.142	103	102	49	-26	-17	9.45E-7	4.51E-6	> 1.00E-4
KM12	0.380	2.096	2.116	1.982	0.874	0.383	0.506	101	93	29	.	7	4.69E-7	> 1.00E-4	> 1.00E-4
SW-620	0.207	1.544	1.466	1.445	0.647	0.407	0.425	94	93	33	15	16	5.17E-7	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.378	1.356	1.380	1.380	0.983	0.607	0.359	102	102	62	23	-5	2.03E-6	6.59E-5	> 1.00E-4
SF-295	0.643	2.486	2.325	2.226	1.706	0.728	0.488	91	86	58	5	-24	1.40E-6	1.45E-5	> 1.00E-4
SF-539	0.631	1.723	1.744	1.925	1.452	0.484	0.189	102	119	75	-23	-70	1.80E-6	5.80E-6	3.72E-5
SNB-19	0.538	1.809	1.716	1.694	1.421	0.934	0.502	93	91	69	31	-7	3.21E-6	6.65E-5	> 1.00E-4
SNB-75	0.946	2.039	1.740	1.838	1.626	0.817	0.540	73	82	62	-14	-43	1.45E-6	6.61E-6	> 1.00E-4
U251	0.421	1.671	1.620	1.630	1.190	0.703	0.133	96	97	62	23	-68	1.97E-6	1.77E-5	6.28E-5
Melanoma															
LOX IMVI	0.334	1.861	1.792	1.799	1.139	0.560	0.466	95	96	53	15	9	1.18E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.504	1.229	1.239	1.240	0.947	0.890	0.721	101	102	61	53	30	1.37E-5	> 1.00E-4	> 1.00E-4
M14	0.359	1.225	1.219	1.224	0.750	0.471	0.491	99	100	45	13	15	8.14E-7	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.454	2.186	2.122	1.706	0.345	0.271	0.220	96	72	-24	-40	-52	1.70E-7	5.63E-7	7.29E-5
SK-MEL-2	0.883	1.462	1.523	1.559	1.216	1.076	0.597	111	117	58	33	-32	2.05E-6	3.21E-5	> 1.00E-4
SK-MEL-28	0.508	1.413	1.406	1.323	1.078	0.914	0.786	99	90	63	45	31	5.20E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.474	2.673	2.630	2.701	1.956	1.099	1.140	98	101	67	28	30	2.79E-6	> 1.00E-4	> 1.00E-4
UACC-257	0.806	1.741	1.654	1.644	1.486	1.364	1.276	91	90	73	60	50	> 1.00E-4	> 1.00E-4	> 1.00E-4
UACC-62	0.730	2.384	2.311	2.153	1.643	1.288	1.136	96	86	55	34	25	1.74E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.490	1.906	1.963	2.035	1.636	0.899	0.664	104	109	81	29	12	3.92E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.439	1.432	1.463	1.583	0.950	0.367	0.302	103	115	51	-16	-31	1.05E-6	5.73E-6	> 1.00E-4
OVCAR-4	0.554	1.371	1.352	1.347	1.193	0.840	0.902	98	97	78	35	43	4.50E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.497	1.400	1.383	1.406	1.242	0.720	0.610	98	101	82	25	12	3.64E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.321	1.291	1.277	1.251	1.064	0.451	0.308	98	96	77	13	-4	2.63E-6	5.76E-5	> 1.00E-4
NCI/ADR-RES	0.478	1.710	1.698	1.623	0.752	0.457	0.419	99	93	22	-4	-12	4.05E-7	6.84E-6	> 1.00E-4
SK-OV-3	0.444	1.202	1.178	1.247	0.925	0.415	0.240	97	106	63	-7	-46	1.55E-6	8.04E-6	> 1.00E-4
Renal Cancer															
786-0	0.626	2.047	2.034	1.975	1.821	0.987	0.388	99	95	84	25	-38	3.81E-6	2.51E-5	> 1.00E-4
ACHN	0.380	1.416	1.378	1.475	1.235	0.788	0.411	96	106	83	39	3	5.67E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.601	2.171	2.045	2.005	1.445	1.120	1.204	92	89	54	33	38	1.51E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.635	1.194	1.247	1.248	1.105	0.644	0.267	109	110	84	2	-58	2.59E-6	1.06E-5	7.33E-5
SN12C	0.497	2.057	1.915	1.842	1.452	0.980	0.581	91	86	61	31	5	2.34E-6	> 1.00E-4	> 1.00E-4
TK-10	0.557	1.233	1.265	1.285	1.119	0.854	0.324	105	108	83	44	-42	7.01E-6	3.25E-5	> 1.00E-4
UO-31	0.604	1.693	1.633	1.736	1.497	1.046	0.693	94	104	82	41	8	5.91E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.452	1.554	1.552	1.503	1.141	0.577	0.599	100	95	62	11	13	1.75E-6	> 1.00E-4	> 1.00E-4
DU-145	0.242	1.066	1.091	1.101	0.812	0.270	0.217	103	104	69	3	-10	1.95E-6	1.77E-5	> 1.00E-4
Breast Cancer															
MCF7	0.357	2.048	1.912	1.867	1.214	0.537	0.481	92	89	51	11	7	1.04E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.618	1.702	1.668	1.732	1.230	0.946	0.506	97	103	56	30	-18	1.77E-6	4.22E-5	> 1.00E-4
HS 578T	0.775	1.560	1.493	1.483	1.338	0.840	0.764	91	90	72	8	-1	2.20E-6	7.14E-5	> 1.00E-4
BT-549	0.850	1.617	1.673	1.664	1.419	1.013	0.557	107	106	74	21	-35	2.86E-6	2.40E-5	> 1.00E-4
T-47D	0.377	0.874	0.882	0.887	0.771	0.632	0.533	102	103	79	51	31	1.17E-5	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.571	1.134	1.137	1.154	0.909	0.646	0.554	101	104	60	13	-3	1.64E-6	6.50E-5	> 1.00E-4

Mean Graphs

Report Date :December 07, 2011

Test Date :August 29, 2011



MID
Delta
Range

-5.7
1.07
2.77

-4.38
1.87
2.25

-4.02
0.41
0.43

