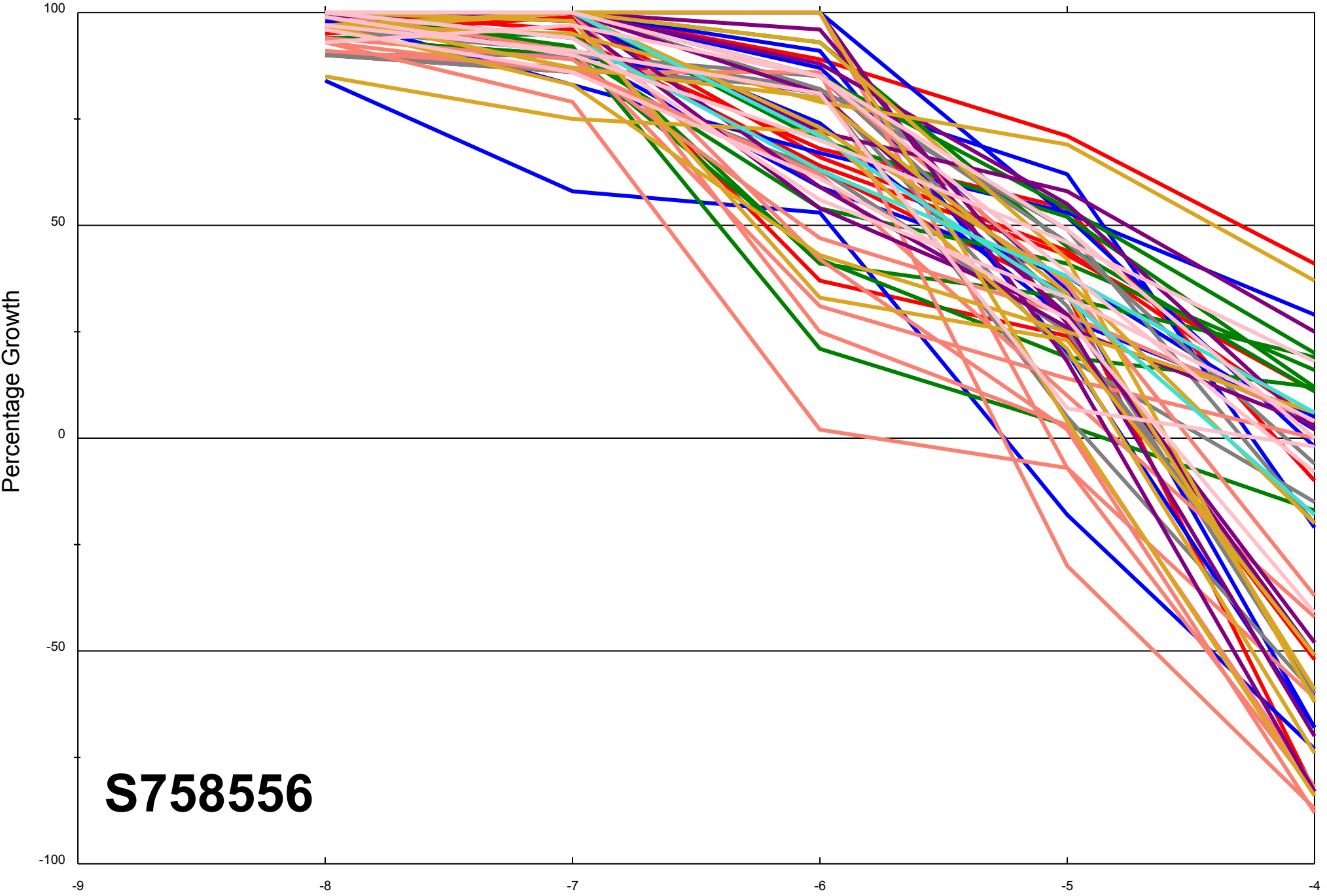


Dose Response Curves

Report Date:May 08, 2013

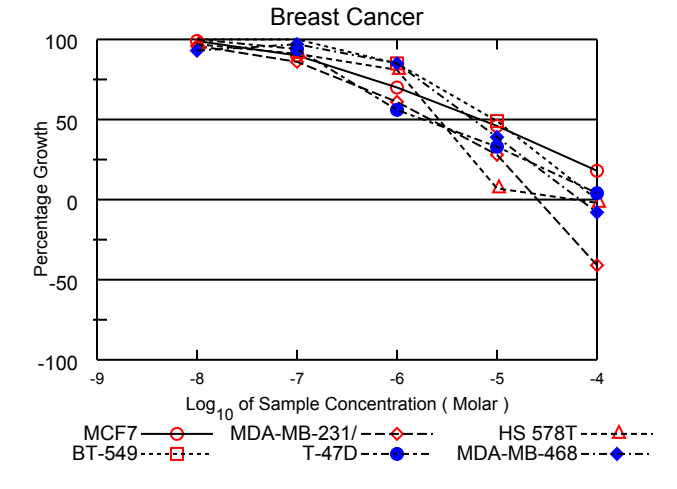
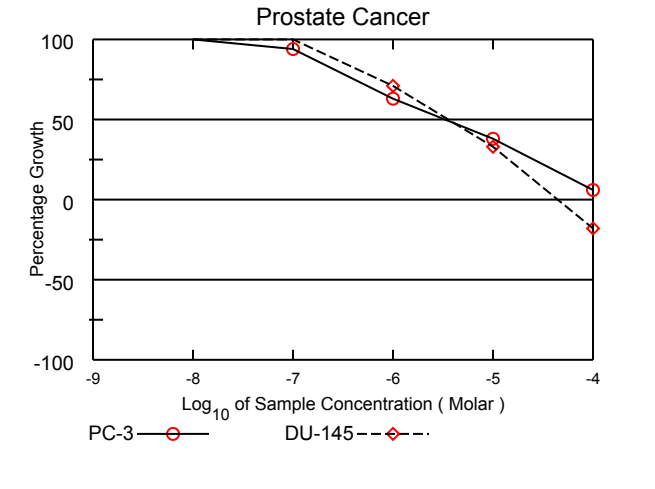
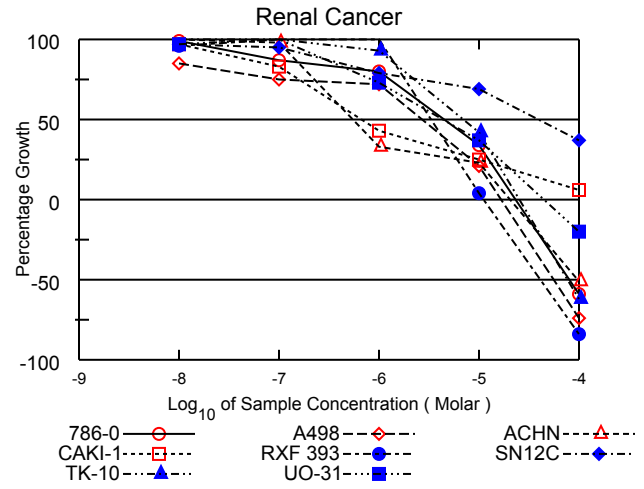
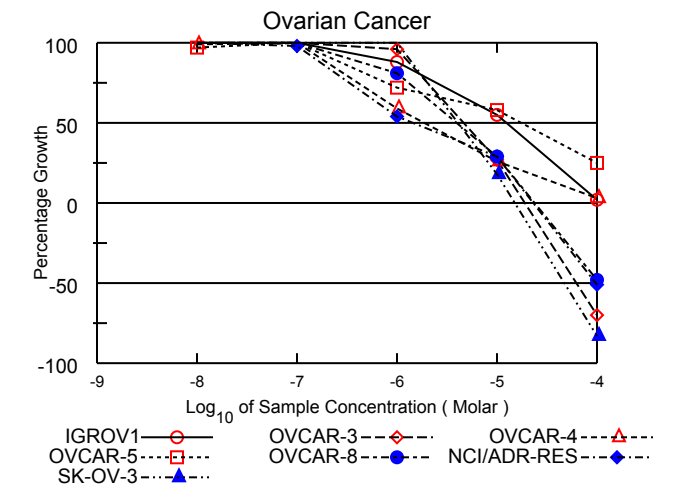
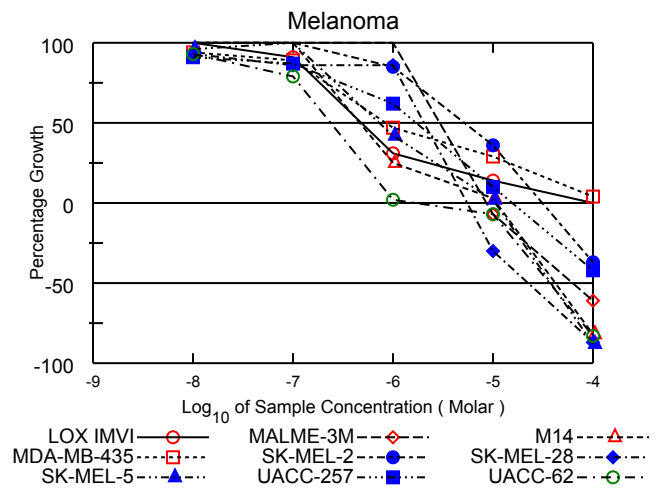
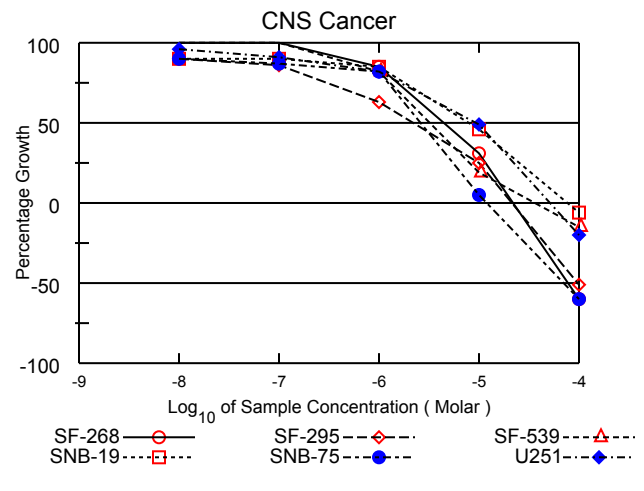
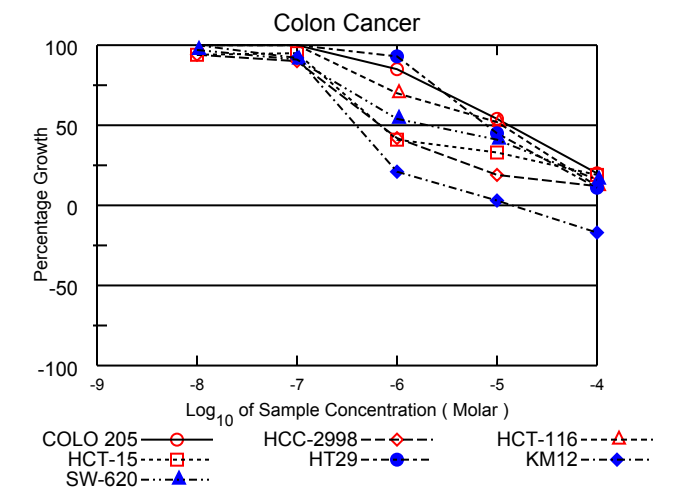
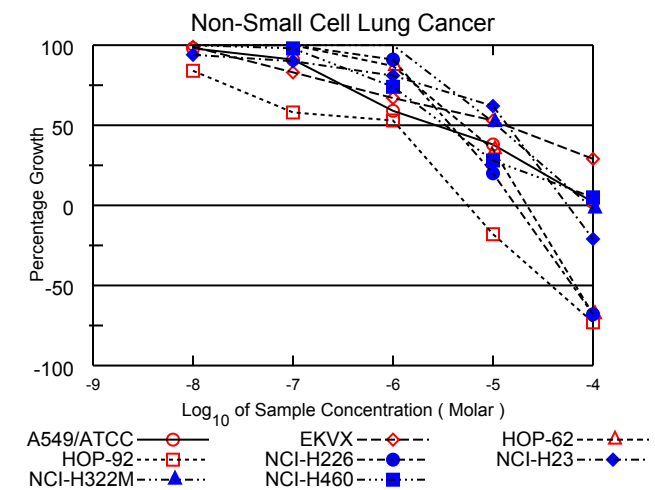
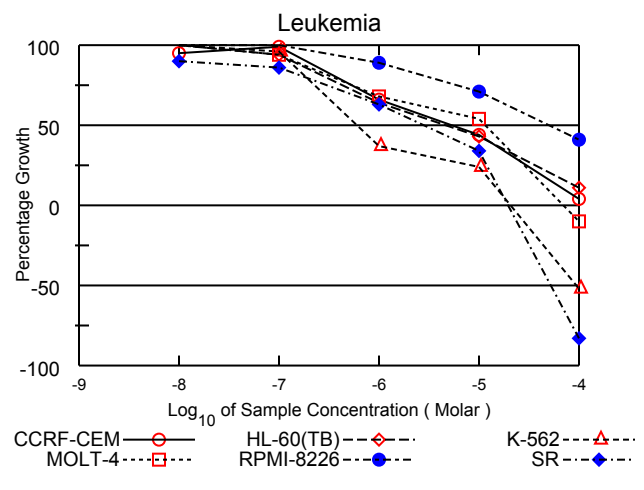
Test Date:June 27, 2011

All Cell Lines



**S758556**

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



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

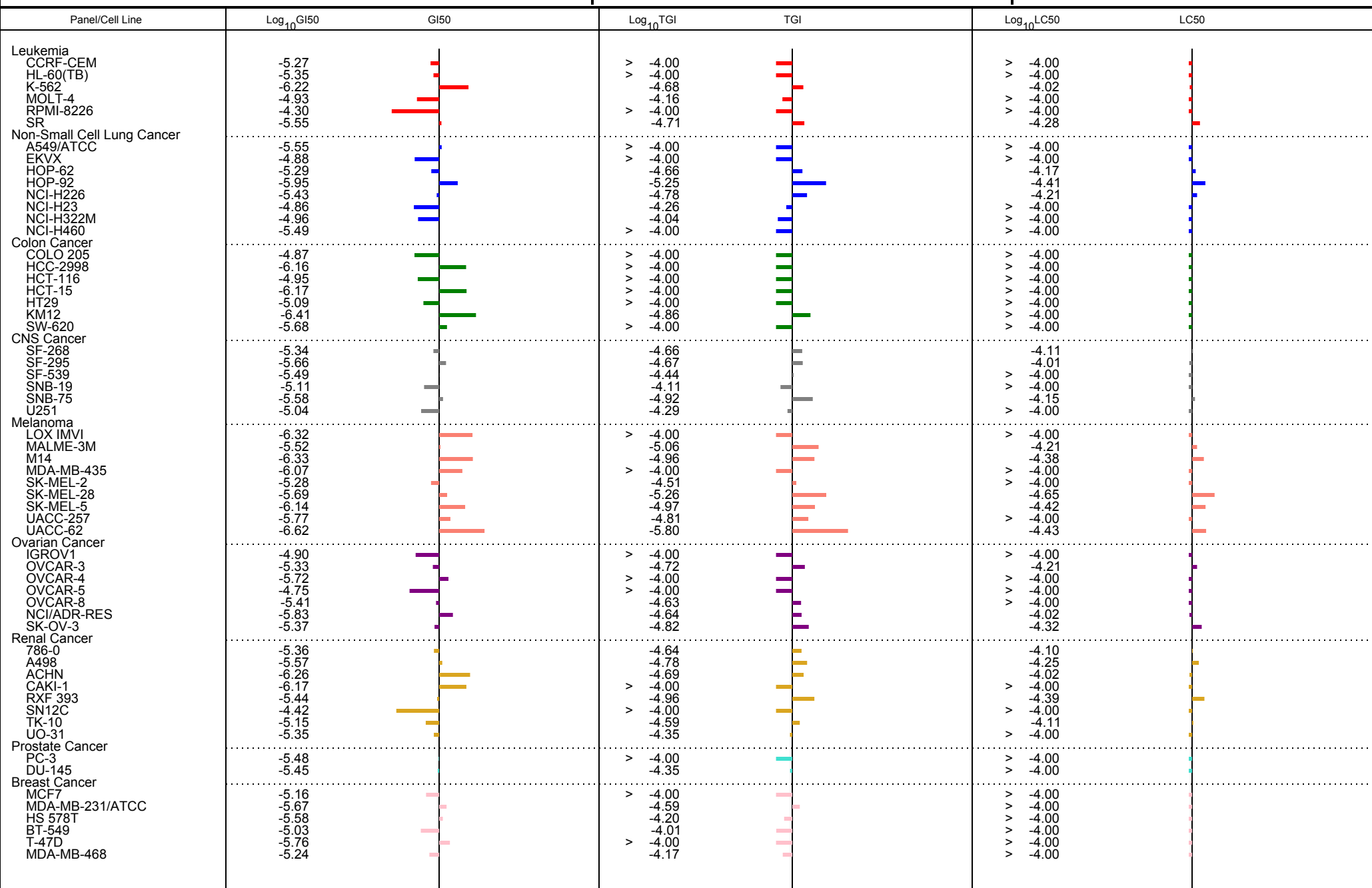
NSC : 758556 / 1	Experiment ID : 1106NS70	Test Type : 08	Units : Molar
Report Date : May 08, 2013	Test Date : June 27, 2011	QNS :	MC :
COMI : A4182/0178211 (105977)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

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			
<b>Leukemia</b>															
CCRF-CEM	0.557	1.755	1.697	1.747	1.349	1.083	0.611	95	99	66	44	4	5.33E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.977	2.947	2.958	2.825	2.241	1.815	1.202	101	94	64	43	11	4.51E-6	> 1.00E-4	> 1.00E-4
K-562	0.168	1.067	1.131	1.028	0.501	0.385	0.081	107	96	37	24	-52	6.00E-7	2.08E-5	9.47E-5
MOLT-4	0.522	1.590	1.620	1.524	1.252	1.103	0.468	103	94	68	54	-10	1.17E-5	6.92E-5	> 1.00E-4
RPMI-8226	0.384	1.207	1.264	1.246	1.115	0.972	0.719	107	105	89	71	41	5.00E-5	> 1.00E-4	> 1.00E-4
SR	0.374	1.415	1.309	1.274	1.034	0.728	0.065	90	86	63	34	-83	2.85E-6	1.96E-5	5.25E-5
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.333	1.479	1.459	1.375	1.014	0.774	0.353	98	91	59	38	2	2.81E-6	> 1.00E-4	> 1.00E-4
EKVX	0.707	1.795	1.782	1.609	1.434	1.283	1.026	99	83	67	53	29	1.33E-5	> 1.00E-4	> 1.00E-4
HOP-62	0.364	1.049	1.051	1.125	0.958	0.603	0.117	100	111	87	35	-68	5.11E-6	2.19E-5	6.70E-5
HOP-92	1.098	1.550	1.478	1.361	1.339	0.901	0.300	84	58	53	-18	-73	1.12E-6	5.60E-6	3.85E-5
NCI-H226	0.752	1.547	1.586	1.556	1.472	0.909	0.239	105	101	91	20	-68	3.74E-6	1.68E-5	6.20E-5
NCI-H23	0.627	1.714	1.648	1.608	1.511	1.302	0.493	94	90	81	62	-21	1.39E-5	5.54E-5	> 1.00E-4
NCI-H322M	0.347	0.757	0.789	0.790	0.766	0.561	0.339	108	108	102	52	-2	1.10E-5	9.02E-5	> 1.00E-4
NCI-H460	0.224	1.961	2.001	1.921	1.503	0.704	0.313	102	98	74	28	5	3.26E-6	> 1.00E-4	> 1.00E-4
<b>Colon Cancer</b>															
COLO 205	0.246	1.153	1.209	1.290	1.015	0.740	0.431	106	115	85	54	20	1.35E-5	> 1.00E-4	> 1.00E-4
HCC-2998	0.650	1.850	1.776	1.733	1.157	0.876	0.792	94	90	42	19	12	6.88E-7	> 1.00E-4	> 1.00E-4
HCT-116	0.170	1.292	1.312	1.314	0.952	0.752	0.308	102	102	70	52	12	1.12E-5	> 1.00E-4	> 1.00E-4
HCT-15	0.310	1.754	1.661	1.678	0.896	0.787	0.583	94	95	41	33	19	6.70E-7	> 1.00E-4	> 1.00E-4
HT29	0.223	1.162	1.256	1.178	1.097	0.650	0.328	110	102	93	45	11	8.04E-6	> 1.00E-4	> 1.00E-4
KM12	0.398	1.645	1.677	1.547	0.657	0.432	0.331	103	92	21	3	-17	3.89E-7	1.37E-5	> 1.00E-4
SW-620	0.189	1.054	1.025	0.979	0.659	0.541	0.328	97	91	54	41	16	2.07E-6	> 1.00E-4	> 1.00E-4
<b>CNS Cancer</b>															
SF-268	0.327	1.000	1.036	1.037	0.902	0.538	0.132	105	106	85	31	-60	4.52E-6	2.21E-5	7.84E-5
SF-295	0.783	2.481	2.320	2.239	1.848	1.213	0.384	90	86	63	25	-51	2.19E-6	2.15E-5	9.71E-5
SF-539	0.824	2.034	2.050	2.041	1.815	1.058	0.699	101	101	82	19	-15	3.23E-6	3.63E-5	> 1.00E-4
SNB-19	0.436	1.529	1.421	1.419	1.369	0.934	0.411	90	90	85	46	-6	7.74E-6	7.73E-5	> 1.00E-4
SNB-75	0.617	1.410	1.335	1.310	1.265	0.659	0.246	90	87	82	5	-60	2.60E-6	1.20E-5	7.00E-5
U251	0.291	1.155	1.120	1.079	0.997	0.712	0.234	96	91	82	49	-20	9.17E-6	5.17E-5	> 1.00E-4
<b>Melanoma</b>															
LOX IMVI	0.314	1.899	1.914	1.752	0.800	0.540	0.321	101	91	31	14	.	4.76E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.544	0.851	0.853	0.876	0.858	0.506	0.211	101	108	102	-7	-61	3.00E-6	8.61E-6	6.21E-5
M14	0.369	1.331	1.367	1.338	0.609	0.401	0.066	104	101	25	3	-82	4.66E-7	1.09E-5	4.20E-5
MDA-MB-435	0.384	1.751	1.664	1.596	1.029	0.778	0.444	94	89	47	29	4	8.54E-7	> 1.00E-4	> 1.00E-4
SK-MEL-2	0.846	1.656	1.715	1.696	1.536	1.138	0.533	107	105	85	36	-37	5.19E-6	3.11E-5	> 1.00E-4
SK-MEL-28	0.321	1.108	1.057	0.999	1.000	0.226	0.042	93	86	86	-30	-87	2.05E-6	5.54E-6	2.26E-5
SK-MEL-5	0.644	1.978	1.928	1.999	1.200	0.676	0.079	96	102	42	2	-88	7.26E-7	1.06E-5	3.81E-5
UACC-257	0.691	1.333	1.274	1.249	1.089	0.756	0.398	91	87	62	10	-42	1.70E-6	1.55E-5	> 1.00E-4
UACC-62	0.566	2.284	2.169	1.928	0.595	0.528	0.096	93	79	2	-7	-83	2.38E-7	1.58E-6	3.68E-5
<b>Ovarian Cancer</b>															
IGROV1	0.420	1.158	1.272	1.221	1.069	0.829	0.435	115	108	88	55	2	1.26E-5	> 1.00E-4	> 1.00E-4
OVCAR-3	0.433	0.999	1.072	1.050	0.978	0.587	0.129	113	109	96	27	-70	4.67E-6	1.90E-5	6.20E-5
OVCAR-4	0.396	1.513	1.498	1.508	1.060	0.681	0.435	99	100	59	26	3	1.90E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.467	1.124	1.102	1.127	0.942	0.850	0.635	97	100	72	58	25	1.79E-5	> 1.00E-4	> 1.00E-4
OVCAR-8	0.311	1.178	1.203	1.210	1.011	0.560	0.162	103	104	81	29	-48	3.89E-6	2.36E-5	> 1.00E-4
NCI/ADR-RES	0.532	1.520	1.543	1.501	1.068	0.817	0.260	102	98	54	29	-51	1.47E-6	2.29E-5	9.65E-5
SK-OV-3	0.566	1.461	1.466	1.487	1.490	0.730	0.098	101	103	103	18	-83	4.24E-6	1.52E-5	4.75E-5
<b>Renal Cancer</b>															
786-0	0.607	1.979	1.962	1.798	1.699	1.068	0.247	99	87	80	34	-59	4.39E-6	2.30E-5	7.94E-5
A498	0.970	1.424	1.354	1.310	1.298	1.066	0.253	85	75	72	21	-74	2.72E-6	1.67E-5	5.60E-5
ACHN	0.438	1.625	1.632	1.601	0.830	0.711	0.214	101	98	33	23	-51	5.47E-7	2.04E-5	9.62E-5
CAKI-1	0.599	2.055	2.014	1.805	1.230	0.957	0.682	97	83	43	25	6	6.77E-7	> 1.00E-4	> 1.00E-4
RXF 393	0.605	0.927	0.915	0.929	0.959	0.617	0.095	96	100	110	4	-84	3.65E-6	1.10E-5	4.07E-5
SN12C	0.469	1.732	1.699	1.671	1.472	1.336	0.933	97	95	79	69	37	3.83E-5	> 1.00E-4	> 1.00E-4
TK-10	0.590	1.270	1.289	1.307	1.224	0.877	0.225	103	105	93	42	-62	7.04E-6	2.54E-5	7.69E-5
UO-31	0.674	1.434	1.415	1.433	1.231	0.957	0.540	97	100	73	37	-20	4.42E-6	4.49E-5	> 1.00E-4
<b>Prostate Cancer</b>															
PC-3	0.524	1.734	1.740	1.657	1.286	0.986	0.594	101	94	63	38	6	3.33E-6	> 1.00E-4	> 1.00E-4
DU-145	0.342	1.018	1.095	1.076	0.823	0.562	0.282	111	108	71	33	-18	3.52E-6	4.46E-5	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.212	1.159	1.148	1.066	0.878	0.649	0.380	99	90	70	46	18	6.91E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.437	1.053	1.030	0.970	0.810	0.611	0.256	96	86	61	28	-41	2.12E-6	2.54E-5	> 1.00E-4
HS 578T	0.898	1.348	1.336	1.306	1.264	0.929	0.883	97	91	81	7	-2	2.63E-6	6.27E-5	> 1.00E-4
BT-549	0.905	1.746	1.790	1.763	1.619	1.317	0.903	105	102	85	49	.	9.35E-6	9.87E-5	> 1.00E-4
T-47D	0.448	1.152	1.168	1.111	0.839	0.679	0.480	102	94	56	33	4	1.75E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.682	1.448	1.393	1.425	1.332	0.979	0.629	93	97	85	39	-8	5.70E-6	6.79E-5	> 1.00E-4

Mean Graphs

Report Date :May 08, 2013

Test Date :June 27, 2011



MID  
Delta  
Range

-5.49  
1.13  
2.32

-4.41  
1.39  
1.8

-4.08  
0.57  
0.65

