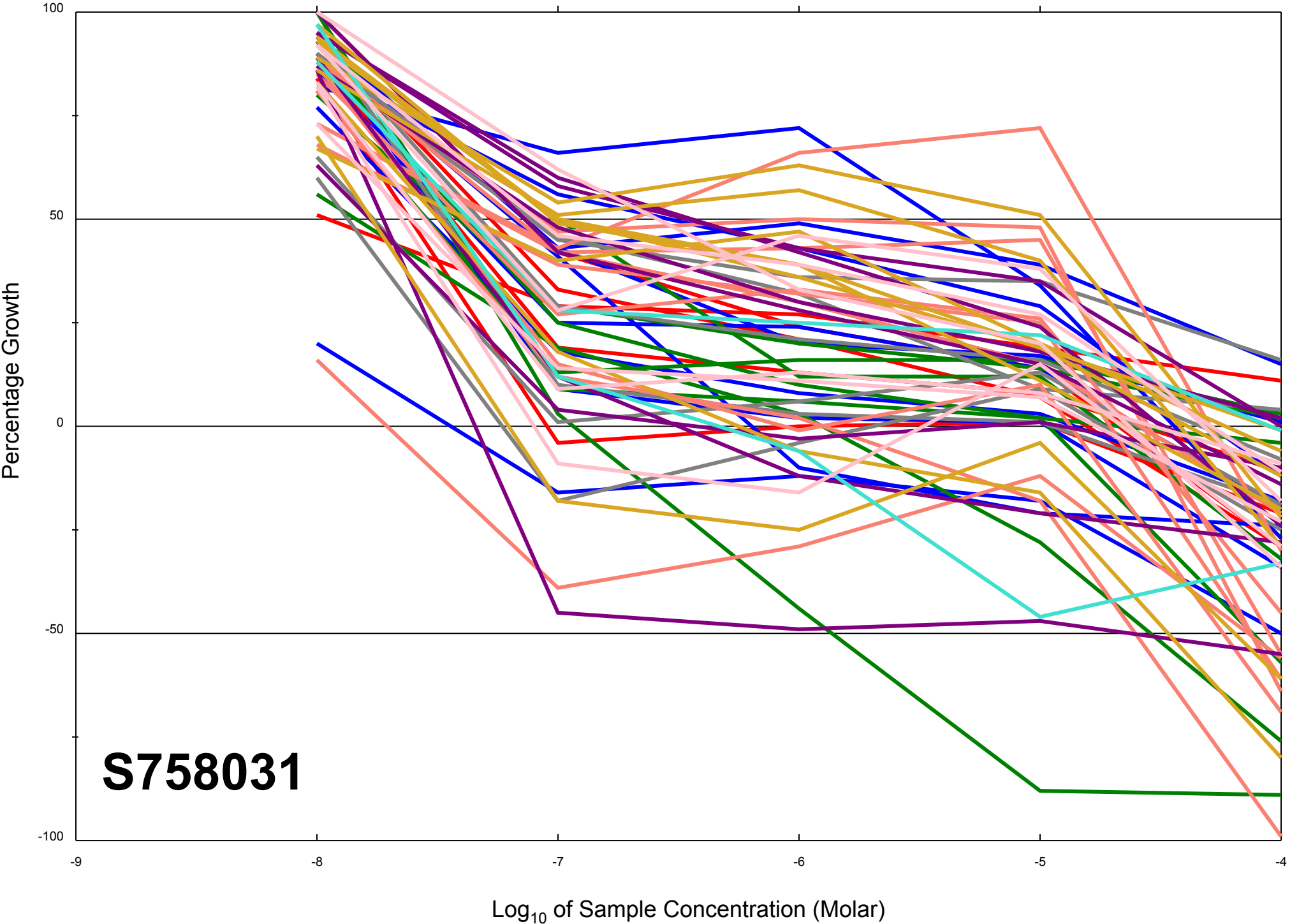
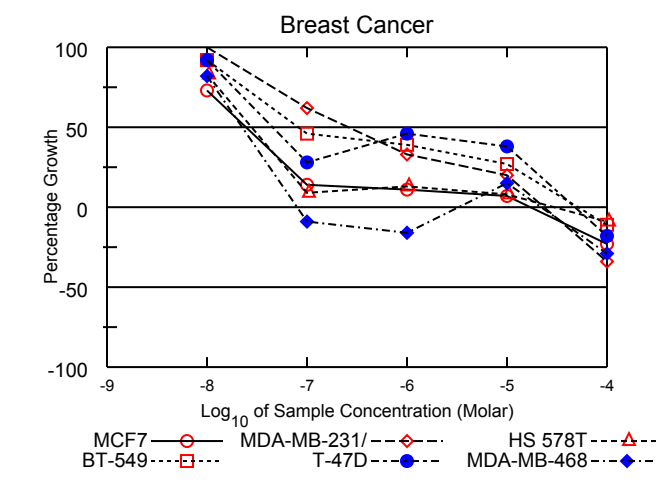
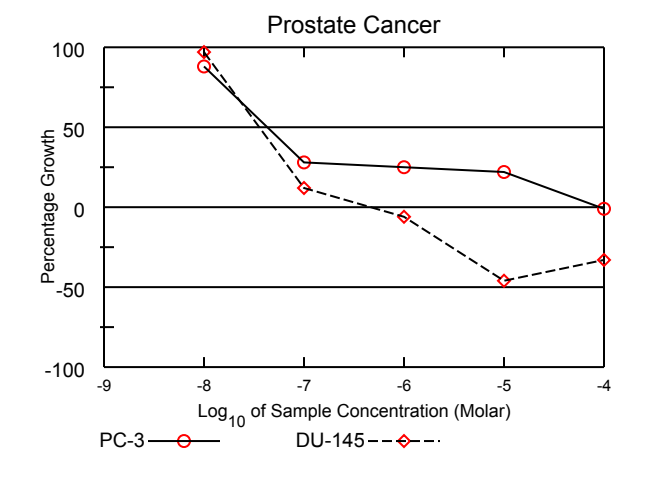
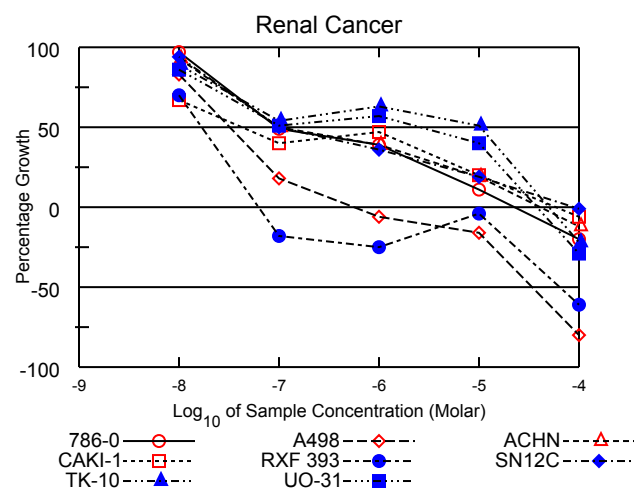
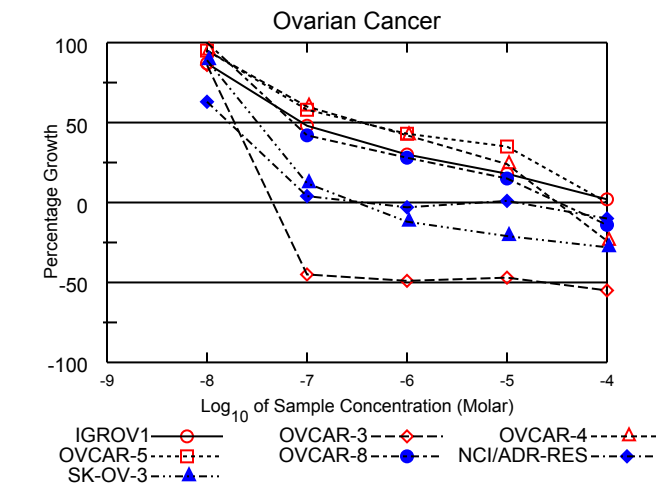
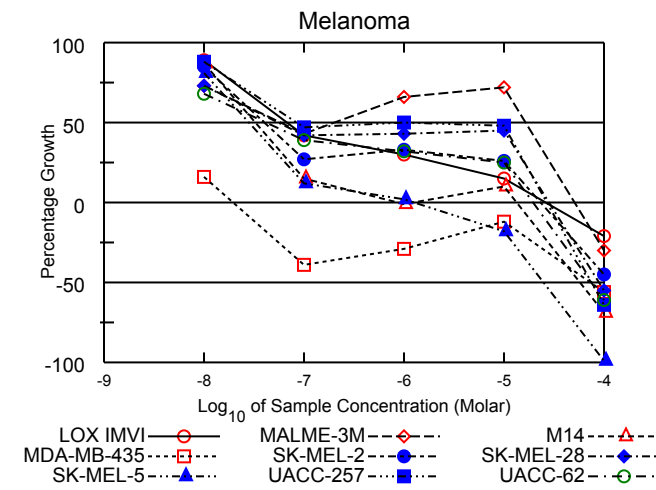
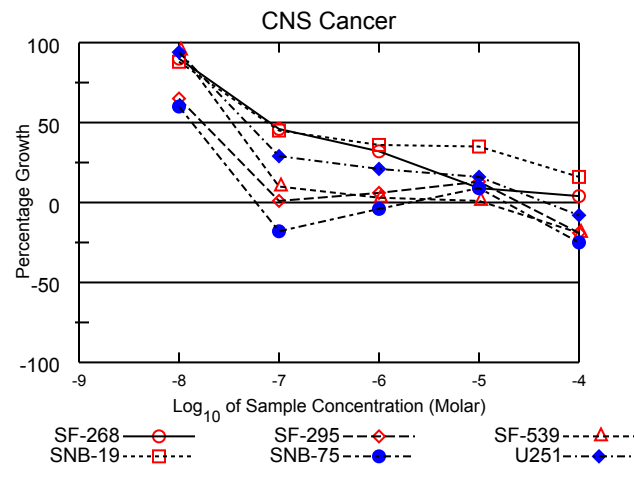
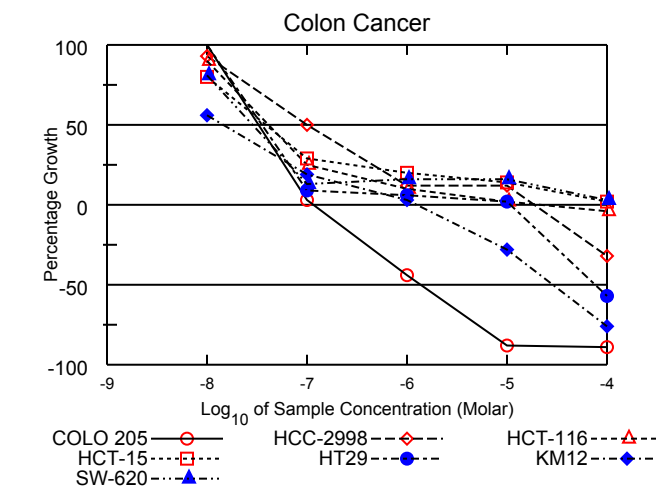
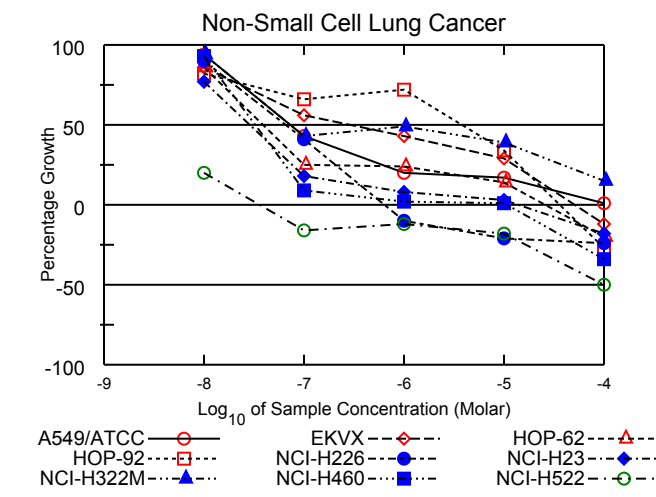
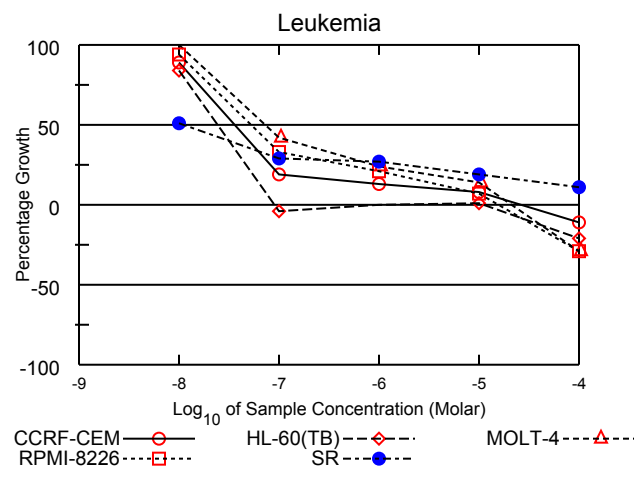


All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758031 / 1	Experiment ID : 1108RS99	Test Type : 08	Units : Molar
Report Date : December 06, 2011	Test Date : August 08, 2011	QNS :	MC :
COMI : NMR/19307996 (104813)	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	1.302	1.191	0.446	0.393	0.332	0.224	89	19	13	8	-11	3.60E-8	2.59E-5	> 1.00E-4
HL-60(TB)	0.563	2.269	1.992	0.542	0.562	0.580	0.443	84	-4	.	1	-21	2.43E-8	.	> 1.00E-4
MOLT-4	0.373	1.668	1.668	0.919	0.679	0.553	0.265	100	42	24	14	-29	7.31E-8	2.11E-5	> 1.00E-4
RPMI-8226	0.635	1.830	1.763	1.024	0.882	0.714	0.449	94	33	21	7	-29	5.22E-8	1.53E-5	> 1.00E-4
SR	0.140	0.700	0.424	0.301	0.290	0.249	0.204	51	29	27	19	11	1.08E-8	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.362	1.625	1.544	0.909	0.615	0.574	0.369	94	43	20	17	1	7.37E-8	> 1.00E-4	> 1.00E-4
EKVX	0.761	1.824	1.677	1.354	1.217	1.074	0.668	86	56	43	29	-12	2.82E-7	5.08E-5	> 1.00E-4
HOP-62	0.401	1.109	1.010	0.581	0.572	0.497	0.319	86	25	24	14	-20	3.93E-8	2.51E-5	> 1.00E-4
HOP-92	1.007	1.405	1.335	1.271	1.294	1.141	0.736	82	66	72	34	-27	3.72E-6	3.58E-5	> 1.00E-4
NCI-H226	0.778	1.694	1.602	1.149	0.702	0.617	0.590	90	41	-10	-21	-24	6.43E-8	6.39E-7	> 1.00E-4
NCI-H23	0.625	1.992	1.673	0.877	0.735	0.669	0.511	77	18	8	3	-18	2.87E-8	1.41E-5	> 1.00E-4
NCI-H322M	0.719	1.568	1.516	1.082	1.133	1.048	0.848	94	43	49	39	15	7.21E-8	> 1.00E-4	> 1.00E-4
NCI-H460	0.153	1.426	1.342	0.269	0.183	0.162	0.101	93	9	2	1	-34	3.27E-8	1.05E-5	> 1.00E-4
NCI-H522	0.615	1.764	0.847	0.517	0.544	0.505	0.311	20	-16	-12	-18	-50	< 1.00E-8	3.62E-8	> 1.00E-4
Colon Cancer															
COLO 205	0.255	0.824	0.866	0.271	0.143	0.031	0.029	107	3	-44	-88	-89	3.54E-8	1.15E-7	1.36E-6
HCC-2998	0.475	1.486	1.414	0.984	0.593	0.593	0.325	93	50	12	12	-32	1.02E-7	1.85E-5	> 1.00E-4
HCT-116	0.194	1.507	1.377	0.524	0.327	0.218	0.186	90	25	10	2	-4	4.14E-8	2.03E-5	> 1.00E-4
HCT-15	0.326	1.940	1.616	0.791	0.644	0.547	0.365	80	29	20	14	2	3.85E-8	> 1.00E-4	> 1.00E-4
HT29	0.224	1.348	1.365	0.323	0.291	0.246	0.096	102	9	6	2	-57	3.59E-8	1.08E-5	7.57E-5
KM12	0.323	1.462	0.959	0.539	0.362	0.232	0.079	56	19	3	-28	-76	1.44E-8	1.28E-6	2.89E-5
SW-620	0.172	1.110	0.928	0.297	0.325	0.323	0.201	81	13	16	16	3	2.85E-8	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.378	1.266	1.179	0.789	0.661	0.459	0.414	90	46	32	9	4	8.21E-8	> 1.00E-4	> 1.00E-4
SF-295	0.655	2.297	1.717	0.678	0.746	0.866	0.532	65	1	6	13	-19	1.70E-8	2.54E-5	> 1.00E-4
SF-539	0.599	1.706	1.647	0.714	0.635	0.614	0.485	95	10	3	1	-19	3.39E-8	1.17E-5	> 1.00E-4
SNB-19	0.475	1.621	1.489	0.989	0.885	0.874	0.655	88	45	36	35	16	7.62E-8	> 1.00E-4	> 1.00E-4
SNB-75	0.910	1.464	1.244	0.748	0.870	0.959	0.678	60	-18	-4	9	-25	1.35E-8	.	> 1.00E-4
U251	0.342	1.470	1.400	0.668	0.581	0.524	0.316	94	29	21	16	-8	4.72E-8	4.78E-5	> 1.00E-4
Melanoma															
LOX IMVI	0.388	2.276	2.066	1.187	0.958	0.680	0.307	89	42	30	15	-21	6.83E-8	2.66E-5	> 1.00E-4
MALME-3M	0.723	1.390	1.209	1.007	1.164	1.202	0.503	73	43	66	72	-30	.	5.04E-5	> 1.00E-4
M14	0.388	1.271	1.155	0.524	0.385	0.474	0.122	87	15	-1	10	-69	3.28E-8	.	5.78E-5
MDA-MB-435	0.444	1.991	0.693	0.272	0.315	0.390	0.197	16	-39	-29	-12	-56	< 1.00E-8	1.96E-8	7.42E-5
SK-MEL-2	0.714	1.309	1.220	0.877	0.911	0.870	0.393	85	27	33	26	-45	4.05E-8	2.33E-5	> 1.00E-4
SK-MEL-28	0.435	1.157	0.962	0.741	0.742	0.759	0.197	73	42	43	45	-55	5.61E-8	2.82E-5	8.97E-5
SK-MEL-5	0.614	2.349	2.016	0.818	0.650	0.506	0.004	81	12	2	-18	-99	2.79E-8	1.27E-6	2.49E-5
UACC-257	0.884	1.687	1.595	1.260	1.287	1.267	0.319	88	47	50	48	-64	.	2.67E-5	7.50E-5
UACC-62	0.568	2.365	1.798	1.265	1.151	1.025	0.221	68	39	32	25	-61	4.18E-8	1.97E-5	7.43E-5
Ovarian Cancer															
IGROV1	0.428	1.612	1.460	0.991	0.786	0.639	0.450	87	48	30	18	2	8.67E-8	> 1.00E-4	> 1.00E-4
OVCAR-3	0.347	1.002	0.908	0.192	0.177	0.185	0.158	86	-45	-49	-47	-55	1.87E-8	4.54E-8	2.56E-5
OVCAR-4	0.543	1.095	1.067	0.874	0.776	0.676	0.413	95	60	42	24	-24	3.65E-7	3.17E-5	> 1.00E-4
OVCAR-5	0.467	1.232	1.193	0.909	0.797	0.731	0.467	95	58	43	35	.	3.39E-7	9.93E-5	> 1.00E-4
OVCAR-8	0.433	1.589	1.591	0.920	0.758	0.610	0.371	100	42	28	15	-14	7.32E-8	3.27E-5	> 1.00E-4
NCI/ADR-RES	0.455	1.530	1.131	0.500	0.441	0.465	0.408	63	4	-3	1	-10	1.66E-8	.	> 1.00E-4
SK-OV-3	0.536	1.105	1.044	0.605	0.471	0.422	0.387	89	12	-12	-21	-28	3.22E-8	3.15E-7	> 1.00E-4
Renal Cancer															
786-0	0.680	2.317	2.275	1.489	1.326	0.853	0.546	97	49	39	11	-20	9.72E-8	2.23E-5	> 1.00E-4
A498	1.031	1.678	1.571	1.149	0.973	0.869	0.206	83	18	-6	-16	-80	3.26E-8	5.80E-7	3.41E-5
ACHN	0.269	1.124	1.060	0.700	0.598	0.429	0.236	93	50	39	19	-12	1.08E-7	3.98E-5	> 1.00E-4
CAKI-1	0.902	2.378	1.895	1.489	1.597	1.199	0.844	67	40	47	20	-6	4.24E-8	5.72E-5	> 1.00E-4
RXF 393	0.810	1.281	1.138	0.667	0.604	0.777	0.318	70	-18	-25	-4	-61	1.68E-8	6.27E-8	6.45E-5
SN12C	0.456	1.893	1.813	1.174	0.976	0.736	0.450	94	50	36	19	-1	9.98E-8	8.64E-5	> 1.00E-4
TK-10	0.760	1.405	1.333	1.110	1.165	1.092	0.590	89	54	63	51	-22	1.04E-5	4.97E-5	> 1.00E-4
UO-31	0.627	1.538	1.412	1.093	1.151	0.987	0.447	86	51	57	40	-29	2.61E-6	3.80E-5	> 1.00E-4
Prostate Cancer															
PC-3	0.480	1.798	1.639	0.853	0.813	0.774	0.478	88	28	25	22	-1	4.33E-8	9.49E-5	> 1.00E-4
DU-145	0.322	1.086	1.065	0.410	0.302	0.175	0.217	97	12	-6	-46	-33	3.56E-8	4.46E-7	> 1.00E-4
Breast Cancer															
MCF7	0.289	1.531	1.198	0.468	0.432	0.374	0.222	73	14	11	7	-23	2.48E-8	1.69E-5	> 1.00E-4
MDA-MB-231/ATCC	0.562	1.507	1.531	1.149	0.877	0.752	0.372	103	62	33	20	-34	2.64E-7	2.36E-5	> 1.00E-4
HS 578T	0.700	1.445	1.322	0.767	0.795	0.757	0.640	83	9	13	8	-9	2.81E-8	2.96E-5	> 1.00E-4
BT-549	0.876	1.900	1.816	1.349	1.274	1.151	0.778	92	46	39	27	-11	8.24E-8	5.08E-5	> 1.00E-4
T-47D	0.507	1.243	1.181	0.715	0.848	0.790	0.414	92	28	46	38	-18	4.53E-8	4.74E-5	> 1.00E-4
MDA-MB-468	0.555	0.946	0.876	0.505	0.467	0.614	0.396	82	-9	-16	15	-29	2.25E-8	.	> 1.00E-4

Mean Graphs

Report Date :December 06, 2011

Test Date :August 08, 2011

Panel/Cell Line	Log ₁₀ GI50	GI50	Log ₁₀ TGI	TGI	Log ₁₀ LC50	LC50
Leukemia						
CCRF-CEM	-7.44		-4.59		> -4.00	
HL-60(TB)	-7.61				> -4.00	
MOLT-4	-7.14		-4.68		> -4.00	
RPMI-8226	-7.28		-4.82		> -4.00	
SR	-7.97		> -4.00		> -4.00	
Non-Small Cell Lung Cancer						
A549/ATCC	-7.13		> -4.00		> -4.00	
EKVX	-6.55		-4.29		> -4.00	
HOP-62	-7.41		-4.60		> -4.00	
HOP-92	-5.43		-4.45		> -4.00	
NCI-H226	-7.19		-6.19		> -4.00	
NCI-H23	-7.54		-4.85		> -4.00	
NCI-H322M	-7.14		> -4.00		> -4.00	
NCI-H460	-7.49		-4.98		> -4.00	
NCI-H522	< -8.00		-7.44		> -4.00	
Colon Cancer						
COLO 205	-7.45		-6.94		-5.87	
HCC-2998	-6.99		-4.73		> -4.00	
HCT-116	-7.38		-4.69		> -4.00	
HCT-15	-7.41		> -4.00		> -4.00	
HT29	-7.44		-4.97		-4.12	
KM12	-7.84		-5.89		-4.54	
SW-620	-7.55		> -4.00		> -4.00	
CNS Cancer						
SF-268	-7.09		> -4.00		> -4.00	
SF-295	-7.77		-4.60		> -4.00	
SF-539	-7.47		-4.93		> -4.00	
SNB-19	-7.12		> -4.00		> -4.00	
SNB-75	-7.87				> -4.00	
U251	-7.33		-4.32		> -4.00	
Melanoma						
LOX IMV1	-7.17		-4.58		> -4.00	
MALME-3M			-4.30		> -4.00	
M14	-7.48				-4.24	
MDA-MB-435	< -8.00		-7.71		-4.13	
SK-MEL-2	-7.39		-4.63		> -4.00	
SK-MEL-28	-7.25		-4.55		-4.05	
SK-MEL-5	-7.55		-5.89		-4.60	
UACC-257			-4.57		-4.12	
UACC-62	-7.38		-4.71		-4.13	
Ovarian Cancer						
IGROV1	-7.06		> -4.00		> -4.00	
OVCAR-3	-7.73		-7.34		-4.59	
OVCAR-4	-6.44		-4.50		> -4.00	
OVCAR-5	-6.47		-4.00		> -4.00	
OVCAR-8	-7.14		-4.49		> -4.00	
NCI/ADR-RES	-7.78				> -4.00	
SK-OV-3	-7.49		-6.50		> -4.00	
Renal Cancer						
786-0	-7.01		-4.65		> -4.00	
A498	-7.49		-6.24		-4.47	
ACHN	-6.97		-4.40		> -4.00	
CAKI-1	-7.37		-4.24		> -4.00	
RXF 393	-7.78		-7.20		-4.19	
SN12C	-7.00		-4.06		> -4.00	
TK-10	-4.98		-4.30		> -4.00	
UO-31	-5.58		-4.42		> -4.00	
Prostate Cancer						
PC-3	-7.36		-4.02		> -4.00	
DU-145	-7.45		-6.35		> -4.00	
Breast Cancer						
MCF7	-7.61		-4.77		> -4.00	
MDA-MB-231/ATCC	-6.58		-4.63		> -4.00	
HS 578T	-7.55		-4.53		> -4.00	
BT-549	-7.08		-4.29		> -4.00	
T-47D	-7.34		-4.32		> -4.00	
MDA-MB-468	-7.65				> -4.00	

MID
Delta
Range

-7.25
0.75
3.02

-4.89
2.82
3.71

-4.09
1.78
1.87

