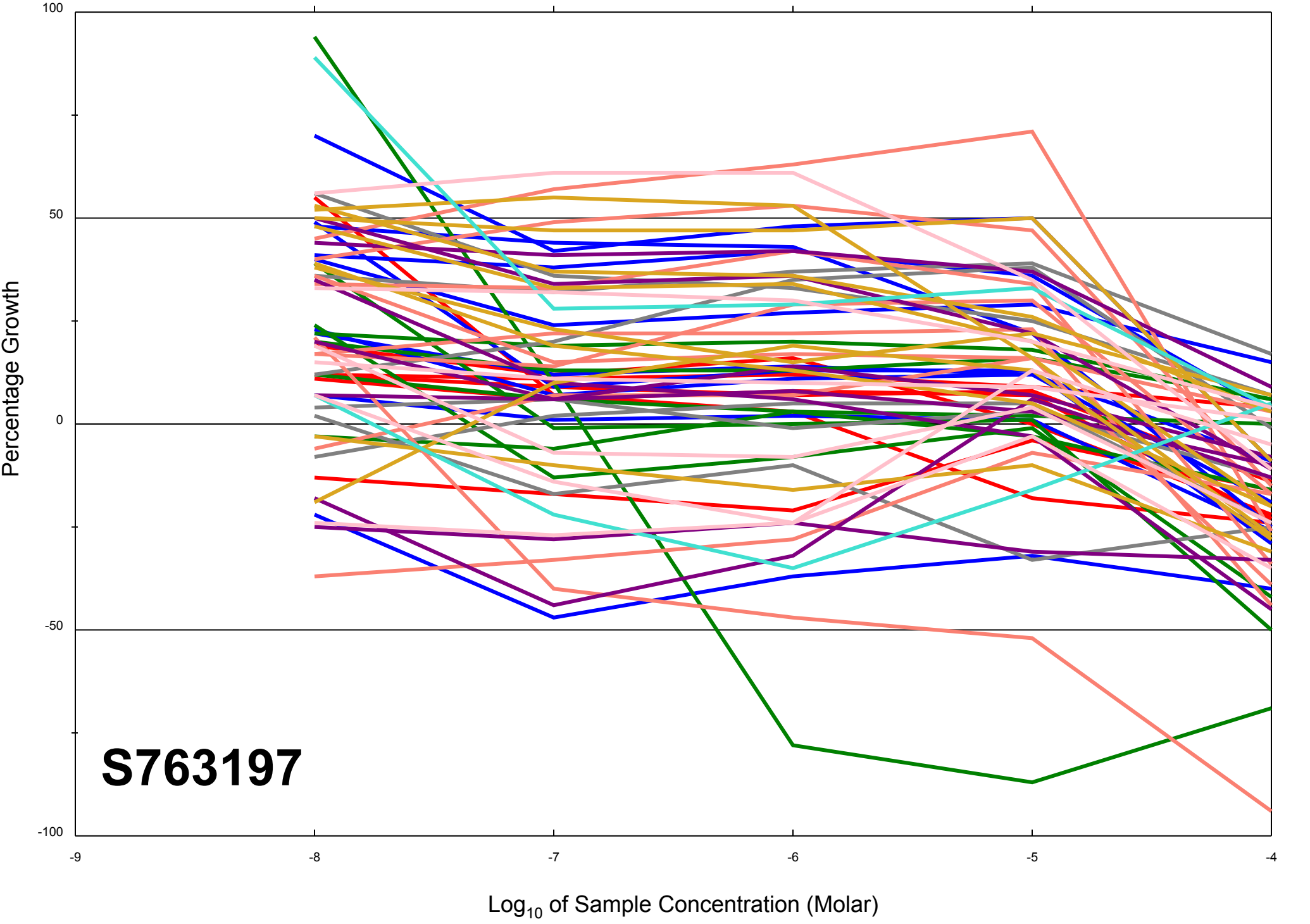


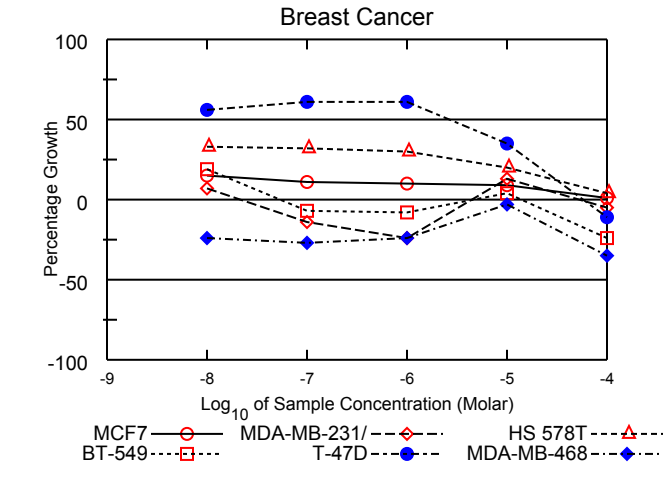
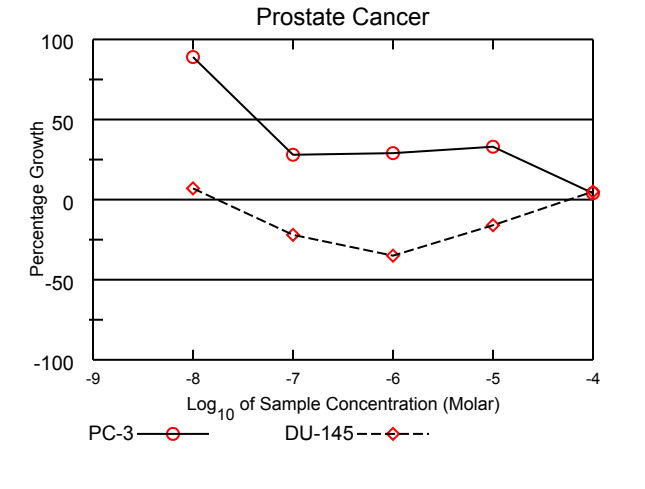
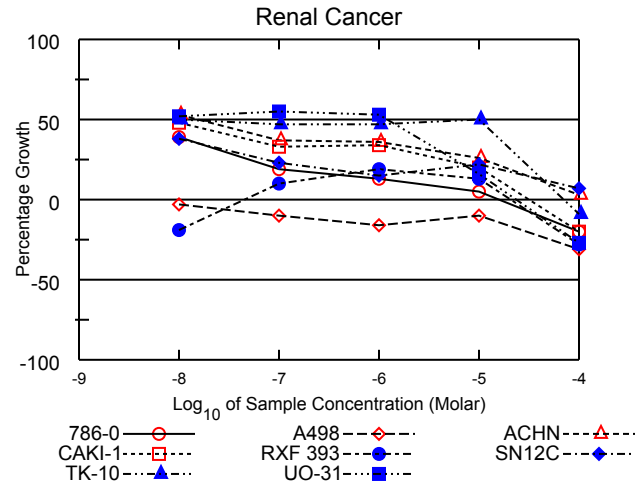
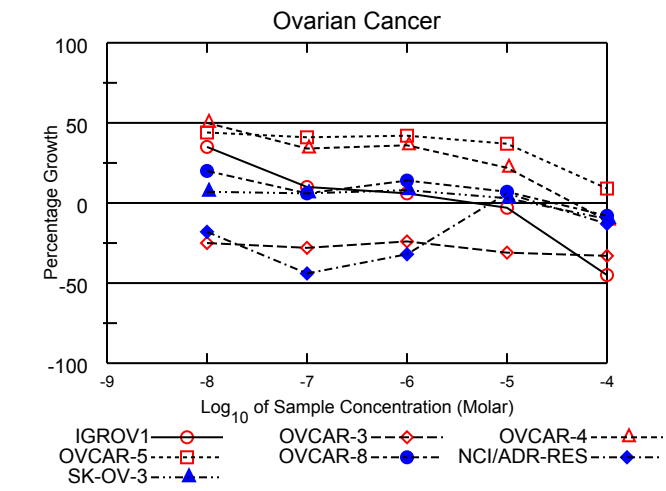
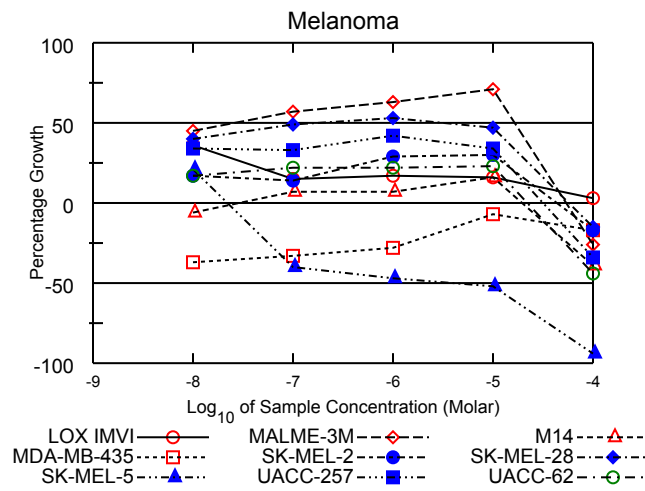
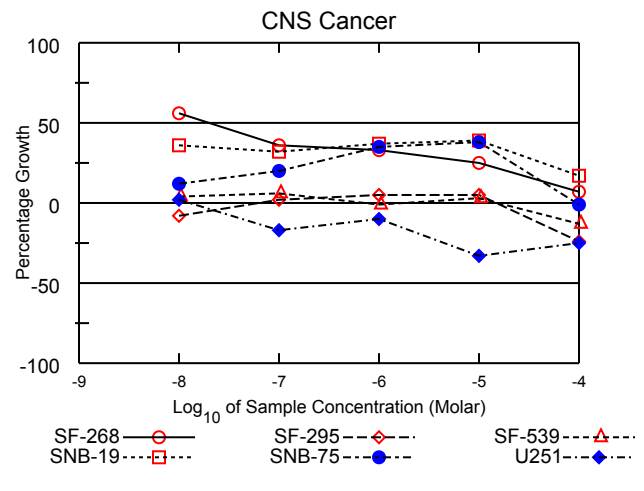
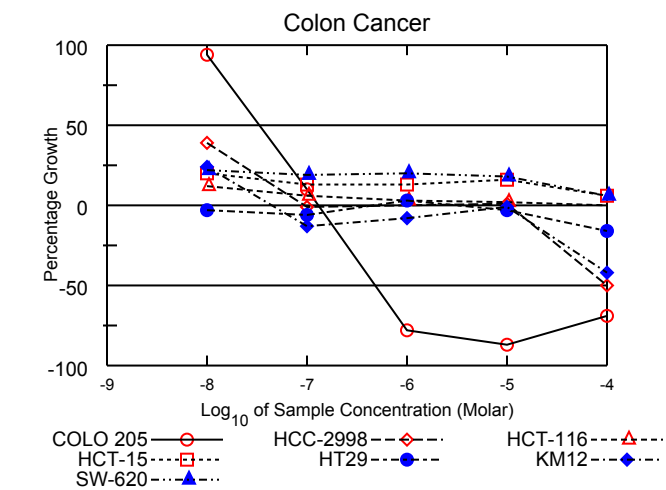
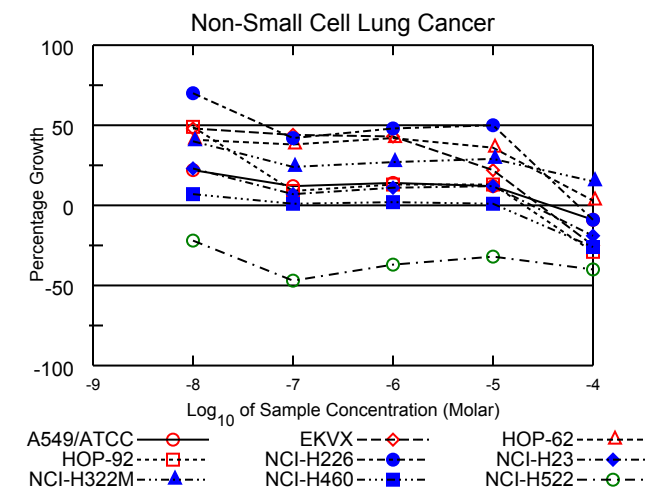
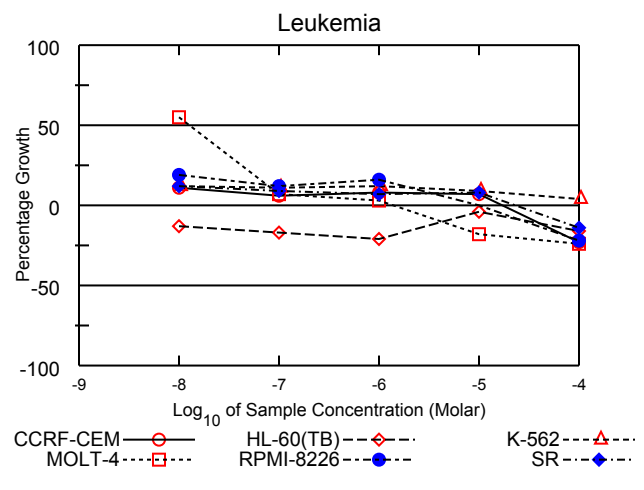
Dose Response Curves

Report Date:October 09, 2012

Test Date:February 06, 2012

All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 763197 / 1	Experiment ID : 1202NS06	Test Type : 08	Units : Molar
Report Date : October 09, 2012	Test Date : February 06, 2012	QNS :	MC :
COMI : NMR/21247496 (114213)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50	
	Time Zero	Mean Optical Densities						Percent Growth								
		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	0.800	0.733	0.766	0.741	0.498	11	6	8	7	-23	< 1.00E-8	1.67E-5	> 1.00E-4	
HL-60(TB)	0.983	2.405	0.860	0.816	0.777	0.945	0.826	-13	-17	-21	-4	-16	< 1.00E-8	< 1.00E-8	> 1.00E-4	
K-562	0.271	1.565	0.424	0.419	0.423	0.391	0.324	12	11	12	9	4	< 1.00E-8	> 1.00E-4	> 1.00E-4	
MOLT-4	0.737	2.147	1.506	0.829	0.778	0.605	0.559	55	7	3	-18	-24	1.24E-8	1.38E-6	> 1.00E-4	
RPMI-8226	1.142	2.621	1.418	1.323	1.374	1.149	0.895	19	12	16	.	-22	< 1.00E-8	1.05E-5	> 1.00E-4	
SR	0.496	1.528	0.625	0.591	0.568	0.578	0.427	12	9	7	8	-14	< 1.00E-8	2.29E-5	> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.315	1.338	0.537	0.442	0.456	0.443	0.287	22	12	14	12	-9	< 1.00E-8	3.83E-5	> 1.00E-4	
EKVX	0.799	1.589	1.176	1.144	1.139	0.977	0.598	48	44	43	22	-25	< 1.00E-8	2.96E-5	> 1.00E-4	
HOP-62	0.422	1.077	0.688	0.670	0.694	0.657	0.441	41	38	42	36	3	< 1.00E-8	> 1.00E-4	> 1.00E-4	
HOP-92	1.041	1.408	1.221	1.074	1.087	1.089	0.744	49	9	13	13	-29	< 1.00E-8	2.05E-5	> 1.00E-4	
NCI-H226	0.716	1.710	1.410	1.130	1.189	1.209	0.655	70	42	48	50	-9	5.05E-8	7.12E-5	> 1.00E-4	
NCI-H23	0.547	1.525	0.770	0.614	0.656	0.666	0.443	23	7	11	12	-19	< 1.00E-8	2.45E-5	> 1.00E-4	
NCI-H322M	0.759	1.643	1.113	0.972	1.001	1.013	0.890	40	24	27	29	15	< 1.00E-8	> 1.00E-4	> 1.00E-4	
NCI-H460	0.275	2.025	0.403	0.292	0.303	0.294	0.204	7	1	2	1	-26	< 1.00E-8	1.10E-5	> 1.00E-4	
NCI-H522	0.691	1.510	0.539	0.369	0.434	0.469	0.413	-22	-47	-37	-32	-40	< 1.00E-8	< 1.00E-8	> 1.00E-4	
Colon Cancer																
COLO 205	0.335	1.356	1.290	0.437	0.074	0.045	0.104	94	10	-78	-87	-69	3.32E-8	1.30E-7	4.81E-7	
HCC-2998	0.457	1.408	0.826	0.452	0.455	0.470	0.229	39	-1	.	1	-50	< 1.00E-8	.	> 1.00E-4	
HCT-116	0.169	1.448	0.322	0.242	0.201	0.199	0.173	12	6	3	2	.	< 1.00E-8	> 1.00E-4	> 1.00E-4	
HCT-15	0.211	1.279	0.421	0.353	0.349	0.386	0.277	20	13	13	16	6	< 1.00E-8	> 1.00E-4	> 1.00E-4	
HT29	0.199	1.022	0.194	0.188	0.220	0.194	0.167	-3	-6	3	-3	-16	< 1.00E-8	.	> 1.00E-4	
KM12	0.448	1.763	0.762	0.390	0.411	0.443	0.259	24	-13	-8	-1	-42	< 1.00E-8	4.45E-8	> 1.00E-4	
SW-620	0.205	1.057	0.390	0.370	0.374	0.361	0.252	22	19	20	18	6	< 1.00E-8	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.554	1.595	1.140	0.932	0.900	0.817	0.630	56	36	33	25	7	2.06E-8	> 1.00E-4	> 1.00E-4	
SF-295	0.857	2.188	0.788	0.883	0.921	0.919	0.648	-8	2	5	5	-24	< 1.00E-8	.	> 1.00E-4	
SF-539	0.739	1.948	0.791	0.808	0.735	0.773	0.647	4	6	-1	3	-13	< 1.00E-8	.	> 1.00E-4	
SNB-19	0.598	1.719	1.003	0.962	1.008	1.036	0.791	36	32	37	39	17	< 1.00E-8	> 1.00E-4	> 1.00E-4	
SNB-75	0.674	1.366	0.757	0.812	0.914	0.937	0.666	12	20	35	38	-1	< 1.00E-8	9.29E-5	> 1.00E-4	
U251	0.288	1.061	0.305	0.240	0.259	0.194	0.215	2	-17	-10	-33	-25	< 1.00E-8	1.30E-8	> 1.00E-4	
Melanoma																
LOX IMVI	0.228	1.822	0.797	0.462	0.504	0.483	0.284	36	15	17	16	3	< 1.00E-8	> 1.00E-4	> 1.00E-4	
MALME-3M	0.623	0.946	0.767	0.807	0.828	0.852	0.463	45	57	63	71	-26	.	5.42E-5	> 1.00E-4	
M14	0.381	1.510	0.357	0.459	0.464	0.562	0.233	-6	7	7	16	-39	< 1.00E-8	.	> 1.00E-4	
MDA-MB-435	0.471	1.968	0.295	0.314	0.338	0.438	0.390	-37	-33	-28	-7	-17	< 1.00E-8	< 1.00E-8	> 1.00E-4	
SK-MEL-2	0.934	1.690	1.063	1.039	1.153	1.161	0.775	17	14	29	30	-17	< 1.00E-8	4.34E-5	> 1.00E-4	
SK-MEL-28	0.533	1.458	0.908	0.983	1.022	0.965	0.452	40	49	53	47	-15	.	5.66E-5	> 1.00E-4	
SK-MEL-5	0.515	2.416	0.922	0.311	0.275	0.248	0.033	21	-40	-47	-52	-94	< 1.00E-8	2.24E-8	4.26E-6	
UACC-257	0.687	1.328	0.908	0.901	0.960	0.903	0.456	34	33	42	34	-34	< 1.00E-8	3.17E-5	> 1.00E-4	
UACC-62	0.806	2.058	1.025	1.076	1.076	1.094	0.451	17	22	22	23	-44	< 1.00E-8	2.20E-5	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.636	1.612	0.979	0.732	0.692	0.615	0.351	35	10	6	-3	-45	< 1.00E-8	4.31E-6	> 1.00E-4	
OVCAR-3	0.467	1.313	0.351	0.335	0.354	0.321	0.313	-25	-28	-24	-31	-33	< 1.00E-8	< 1.00E-8	> 1.00E-4	
OVCAR-4	0.569	1.017	0.792	0.721	0.732	0.670	0.505	50	34	36	22	-11	< 1.00E-8	4.63E-5	> 1.00E-4	
OVCAR-5	0.706	1.769	1.170	1.141	1.155	1.105	0.798	44	41	42	37	9	< 1.00E-8	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.476	1.629	0.707	0.540	0.635	0.557	0.437	20	6	14	7	-8	< 1.00E-8	2.88E-5	> 1.00E-4	
NCI/ADR-RES	0.446	1.483	0.367	0.252	0.304	0.504	0.389	-18	-44	-32	6	-13	< 1.00E-8	.	> 1.00E-4	
SK-OV-3	0.502	1.265	0.553	0.545	0.566	0.524	0.450	7	6	8	3	-10	< 1.00E-8	1.64E-5	> 1.00E-4	
Renal Cancer																
786-0	0.623	2.299	1.276	0.935	0.845	0.705	0.500	39	19	13	5	-20	< 1.00E-8	1.58E-5	> 1.00E-4	
A498	1.194	1.846	1.159	1.079	1.000	1.076	0.825	-3	-10	-16	-10	-31	< 1.00E-8	< 1.00E-8	> 1.00E-4	
ACHN	0.399	1.482	0.969	0.799	0.793	0.679	0.432	53	37	36	26	3	1.47E-8	> 1.00E-4	> 1.00E-4	
CAKI-1	0.861	2.267	1.532	1.323	1.342	1.141	0.691	48	33	34	20	-20	< 1.00E-8	3.18E-5	> 1.00E-4	
RXF 393	0.572	1.029	0.465	0.620	0.661	0.631	0.409	-19	10	19	13	-28	< 1.00E-8	.	> 1.00E-4	
SN12C	0.644	2.066	1.182	0.974	0.851	0.956	0.747	38	23	15	22	7	< 1.00E-8	> 1.00E-4	> 1.00E-4	
TK-10	0.689	1.436	1.059	1.042	1.037	1.060	0.625	50	47	47	50	-9	< 1.00E-8	6.95E-5	> 1.00E-4	
UO-31	0.694	1.425	1.075	1.093	1.082	0.810	0.506	52	55	53	16	-27	1.21E-6	2.34E-5	> 1.00E-4	
Prostate Cancer																
PC-3	0.509	1.814	1.666	0.874	0.884	0.945	0.557	89	28	29	33	4	4.33E-8	> 1.00E-4	> 1.00E-4	
DU-145	0.366	1.164	0.422	0.287	0.239	0.307	0.402	7	-22	-35	-16	5	< 1.00E-8	.	> 1.00E-4	
Breast Cancer																
MCF7	0.294	1.547	0.482	0.434	0.415	0.409	0.302	15	11	10	9	1	< 1.00E-8	> 1.00E-4	> 1.00E-4	
MDA-MB-231/ATCC	0.581	1.198	0.625	0.500	0.443	0.663	0.552	7	-14	-24	13	-5	< 1.00E-8	.	> 1.00E-4	
HS 578T	0.851	1.665	1.120	1.113	1.095	1.016	0.888	33	32	30	20	4	< 1.00E-8	> 1.00E-4	> 1.00E-4	
BT-549	0.732	1.651	0.911	0.680	0.677	0.769	0.556	19	-7	-8	4	-24	< 1.00E-8	.	> 1.00E-4	
T-47D	0.531	1.302	0.964	1.000	1.002	0.802	0.472	56	61	61	35	-11	2.66E-6	5.73E-5	> 1.00E-4	
MDA-MB-468	0.653	1.264	0.497	0.475	0.498	0.632	0.423	-24	-27	-24	-3	-35	< 1.00E-8	< 1.00E-8	> 1.00E-4	

Mean Graphs

Report Date :October 09, 2012

Test Date :February 06, 2012

Panel/Cell Line	Log ₁₀ GI50	GI50	Log ₁₀ TGI	TGI	Log ₁₀ LC50	LC50
Leukemia						
CCRF-CEM	< -8.00		-4.78		> -4.00	
HL-60(TB)	< -8.00		< -8.00		> -4.00	
K-562	< -8.00		> -4.00		> -4.00	
MOLT-4	< -7.91		-5.86		> -4.00	
RPMLI-8226	< -8.00		-4.98		> -4.00	
SR	< -8.00		-4.64		> -4.00	
Non-Small Cell Lung Cancer						
A549/ATCC	< -8.00		-4.42		> -4.00	
EKVX	< -8.00		-4.53		> -4.00	
HOP-62	< -8.00		> -4.00		> -4.00	
HOP-92	< -8.00		-4.69		> -4.00	
NCI-H226	< -7.30		-4.15		> -4.00	
NCI-H23	< -8.00		-4.61		> -4.00	
NCI-H322M	< -8.00		> -4.00		> -4.00	
NCI-H460	< -8.00		-4.96		> -4.00	
NCI-H522	< -8.00		< -8.00		> -4.00	
Colon Cancer						
COLO 205	< -7.48		-6.89		> -6.32	
HCC-2998	< -8.00		> -4.00		> -4.00	
HCT-116	< -8.00		> -4.00		> -4.00	
HCT-15	< -8.00		> -4.00		> -4.00	
HT29	< -8.00		> -4.00		> -4.00	
KM12	< -8.00		-7.35		> -4.00	
SW-620	< -8.00		> -4.00		> -4.00	
CNS Cancer						
SF-268	< -7.69		> -4.00		> -4.00	
SF-295	< -8.00		> -4.00		> -4.00	
SF-539	< -8.00		> -4.00		> -4.00	
SNB-19	< -8.00		> -4.00		> -4.00	
SNB-75	< -8.00		-4.03		> -4.00	
U251	< -8.00		-7.89		> -4.00	
Melanoma						
LOX IMV1	< -8.00		> -4.00		> -4.00	
MALME-3M	< -8.00		-4.27		> -4.00	
M14	< -8.00		> -4.00		> -4.00	
MDA-MB-435	< -8.00		< -8.00		> -4.00	
SK-MEL-2	< -8.00		-4.36		> -4.00	
SK-MEL-28	< -8.00		-4.25		> -4.00	
SK-MEL-5	< -8.00		-7.65		> -5.37	
UACC-257	< -8.00		-4.50		> -4.00	
UACC-62	< -8.00		-4.66		> -4.00	
Ovarian Cancer						
IGROV1	< -8.00		< -5.37		> -4.00	
OVCAR-3	< -8.00		< -8.00		> -4.00	
OVCAR-4	< -8.00		-4.33		> -4.00	
OVCAR-5	< -8.00		> -4.00		> -4.00	
OVCAR-8	< -8.00		-4.54		> -4.00	
NCI/ADR-RES	< -8.00		< -8.00		> -4.00	
SK-OV-3	< -8.00		-4.79		> -4.00	
Renal Cancer						
786-0	< -8.00		< -4.80		> -4.00	
A498	< -8.00		< -8.00		> -4.00	
ACHN	< -7.83		> -4.00		> -4.00	
CAKI-1	< -8.00		-4.50		> -4.00	
RXF 393	< -8.00		< -8.00		> -4.00	
SN12C	< -8.00		> -4.00		> -4.00	
TK-10	< -8.00		-4.16		> -4.00	
UO-31	< -5.92		-4.63		> -4.00	
Prostate Cancer						
PC-3	< -7.36		> -4.00		> -4.00	
DU-145	< -8.00		> -4.00		> -4.00	
Breast Cancer						
MCF7	< -8.00		> -4.00		> -4.00	
MDA-MB-231/ATCC	< -8.00		> -4.00		> -4.00	
HS 578T	< -8.00		> -4.00		> -4.00	
BT-549	< -8.00		> -4.00		> -4.00	
T-47D	< -5.58		-4.24		> -4.00	
MDA-MB-468	< -8.00		< -8.00		> -4.00	

MID
Delta
Range

