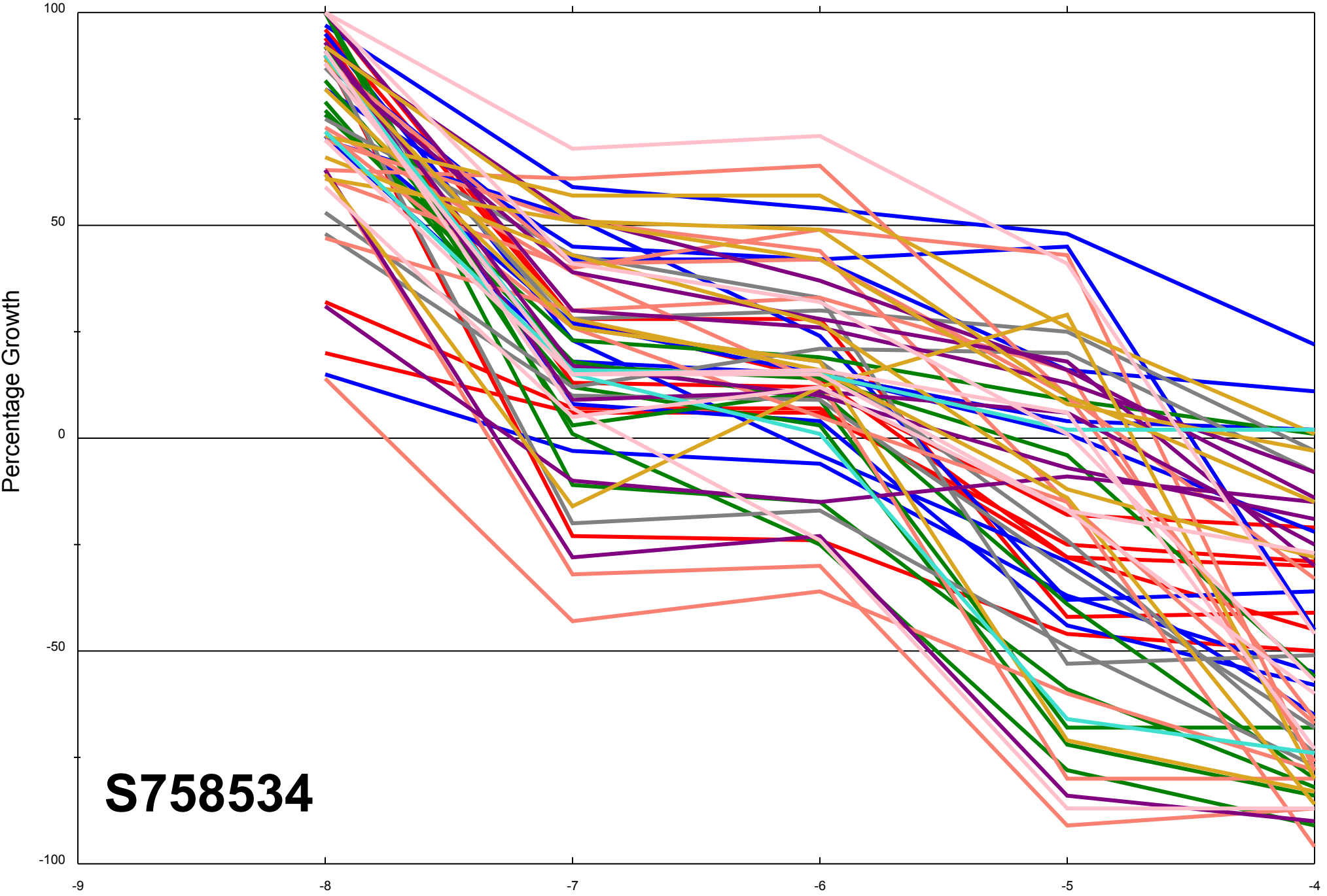


Dose Response Curves

Report Date:October 18, 2012

Test Date:August 29, 2011

All Cell Lines



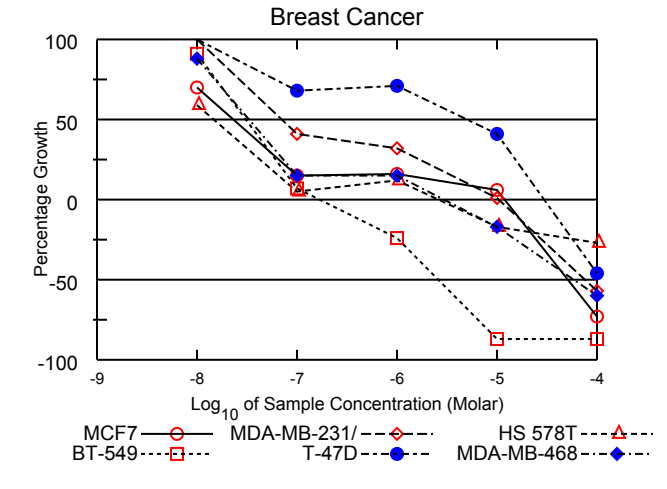
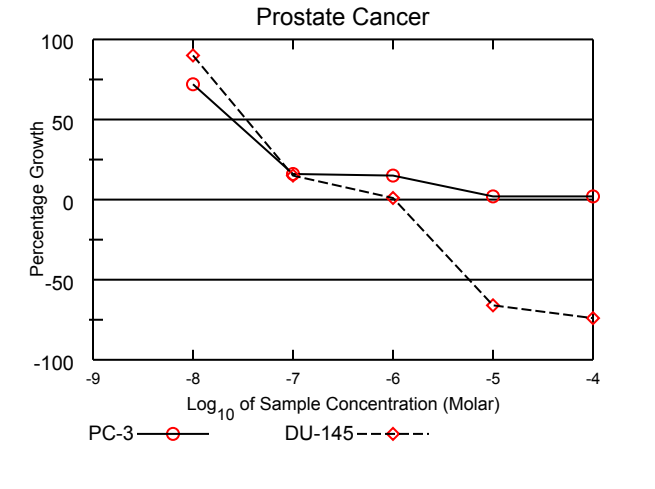
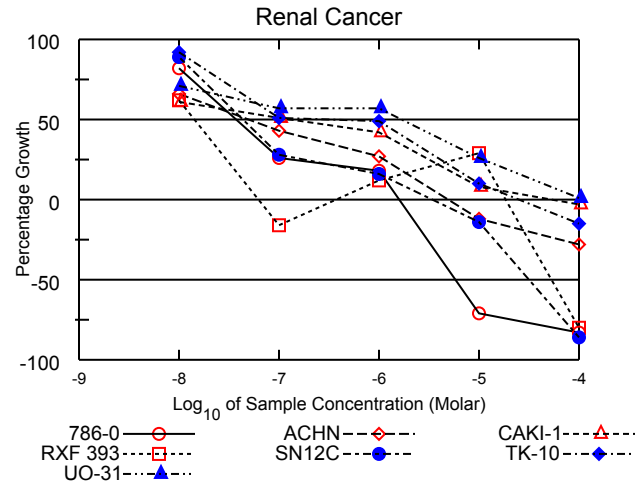
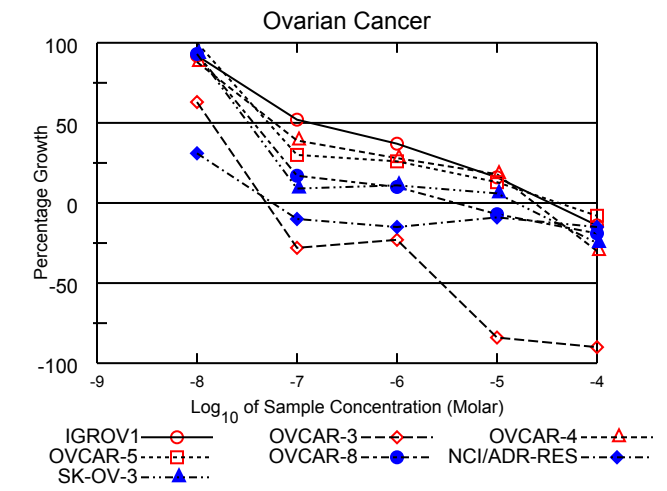
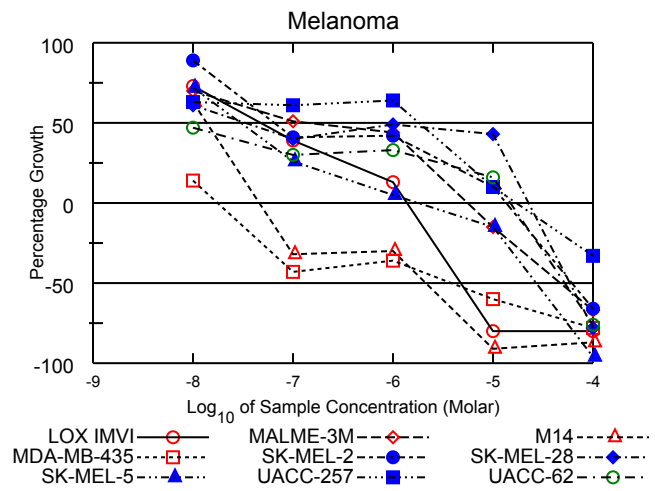
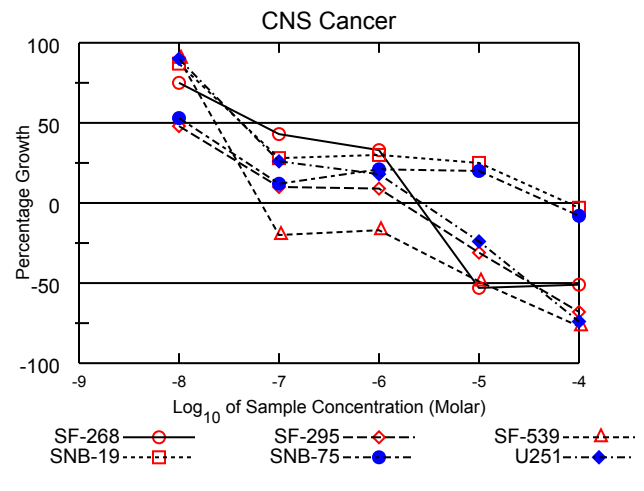
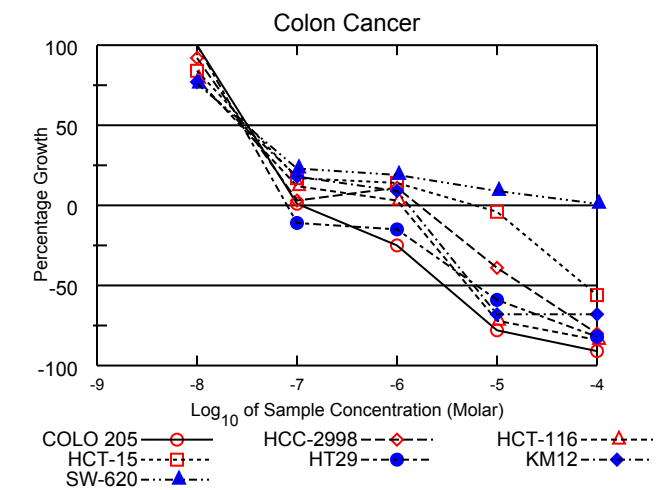
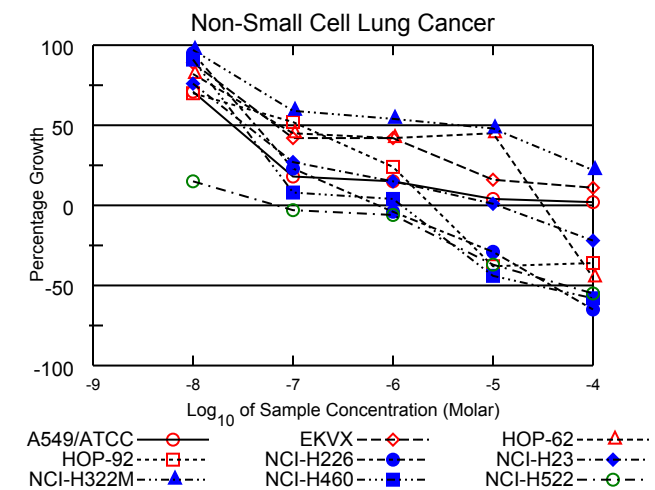
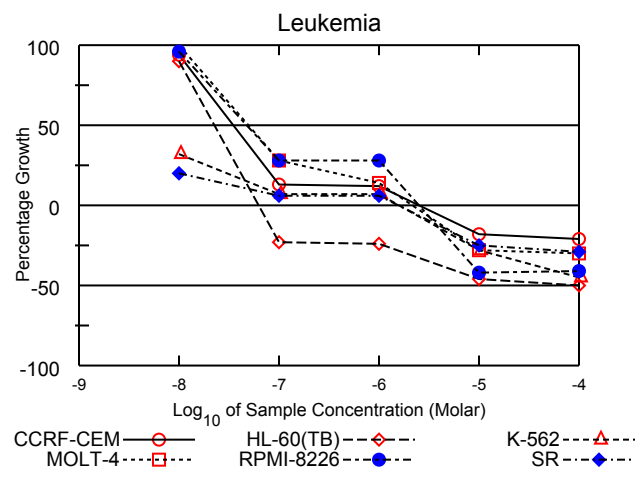
S758534

Log₁₀ of Sample Concentration (Molar)

Dose Response Curves

Report Date: October 18, 2012

Test Date: August 29, 2011



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758534 / 1	Experiment ID : 1108RS14	Test Type : 08	Units : Molar
Report Date : October 18, 2012	Test Date : August 29, 2011	QNS :	MC :
COMI : A4501/0192459 (105017)	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	1.906	0.746	0.721	0.451	0.438	94	13	12	-18	-21	3.51E-8	2.44E-6	> 1.00E-4
HL-60(TB)	0.793	2.285	2.140	0.608	0.603	0.432	0.397	90	-23	-24	-46	-50	2.26E-8	6.23E-8	> 1.00E-4
K-562	0.213	1.492	0.627	0.305	0.306	0.153	0.118	32	7	7	-28	-45	< 1.00E-8	1.60E-6	> 1.00E-4
MOLT-4	0.528	1.791	1.801	0.884	0.703	0.382	0.371	101	28	14	-28	-30	5.01E-8	2.15E-6	> 1.00E-4
RPMI-8226	0.970	2.196	2.142	1.316	1.309	0.567	0.576	96	28	28	-42	-41	4.74E-8	2.51E-6	> 1.00E-4
SR	0.302	1.119	0.468	0.347	0.355	0.227	0.214	20	6	6	-25	-29	< 1.00E-8	1.61E-6	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.320	1.540	1.183	0.543	0.501	0.367	0.344	71	18	15	4	2	2.48E-8	> 1.00E-4	> 1.00E-4
EKVX	0.621	1.625	1.512	1.043	1.046	0.783	0.731	89	42	42	16	11	6.74E-8	> 1.00E-4	> 1.00E-4
HOP-62	0.390	1.084	0.961	0.704	0.681	0.702	0.215	82	45	42	45	-45	7.44E-8	3.16E-5	> 1.00E-4
HOP-92	0.929	1.470	1.309	1.211	1.060	0.572	0.593	70	52	24	-38	-36	1.20E-7	2.44E-6	> 1.00E-4
NCI-H226	0.775	1.852	1.794	1.023	0.746	0.550	0.273	95	23	-4	-29	-65	4.20E-8	7.24E-7	3.85E-5
NCI-H23	0.531	1.442	1.220	0.779	0.668	0.542	0.417	76	27	15	1	-22	3.38E-8	1.13E-5	> 1.00E-4
NCI-H322M	0.695	1.613	1.586	1.235	1.195	1.131	0.895	97	59	54	48	22	4.39E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.228	2.099	1.935	0.380	0.295	0.128	0.096	91	8	4	-44	-58	3.13E-8	1.19E-6	2.68E-5
NCI-H522	0.816	1.655	0.944	0.791	0.770	0.515	0.371	15	-3	-6	-37	-55	< 1.00E-8	6.75E-8	5.52E-5
Colon Cancer															
COLO 205	0.277	1.173	1.190	0.290	0.209	0.061	0.025	102	1	-25	-78	-91	3.29E-8	1.14E-7	2.98E-6
HCC-2998	0.476	1.505	1.421	0.503	0.589	0.290	0.098	92	3	11	-39	-80	2.94E-8	1.66E-6	1.86E-5
HCT-116	0.167	1.240	1.014	0.295	0.198	0.047	0.027	79	12	3	-72	-84	2.70E-8	1.09E-6	5.10E-6
HCT-15	0.319	1.597	1.393	0.542	0.502	0.305	0.141	84	17	14	-4	-56	3.24E-8	5.83E-6	7.66E-5
HT29	0.171	0.852	0.863	0.153	0.145	0.070	0.032	102	-11	-15	-59	-82	2.88E-8	8.01E-8	6.14E-6
KM12	0.380	2.088	1.692	0.684	0.542	0.123	0.124	77	18	9	-68	-68	2.84E-8	1.33E-6	5.89E-6
SW-620	0.207	1.508	1.194	0.506	0.454	0.319	0.215	76	23	19	9	1	3.08E-8	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.378	1.441	1.178	0.832	0.730	0.180	0.184	75	43	33	-53	-51	5.95E-8	2.44E-6	9.35E-6
SF-295	0.643	2.348	1.467	0.818	0.801	0.443	0.209	48	10	9	-31	-68	< 1.00E-8	1.70E-6	3.30E-5
SF-539	0.631	1.737	1.630	0.504	0.526	0.322	0.146	90	-20	-17	-49	-77	2.32E-8	6.57E-8	1.08E-5
SNB-19	0.538	1.749	1.593	0.883	0.905	0.846	0.522	87	28	30	25	-3	4.29E-8	7.85E-5	> 1.00E-4
SNB-75	0.946	1.824	1.409	1.049	1.131	1.121	0.872	53	12	21	20	-8	1.16E-8	5.23E-5	> 1.00E-4
U251	0.421	1.774	1.632	0.767	0.664	0.318	0.108	90	26	18	-24	-74	4.15E-8	2.65E-6	3.25E-5
Melanoma															
LOX IMVI	0.334	1.857	1.451	0.923	0.532	0.068	0.068	73	39	13	-80	-80	4.70E-8	1.38E-6	4.77E-6
MALME-3M	0.504	1.240	1.022	0.883	0.825	0.428	0.165	70	51	44	-15	-67	1.52E-7	5.52E-6	4.65E-5
M14	0.359	1.182	0.881	0.243	0.253	0.034	0.048	63	-32	-30	-91	-87	1.38E-8	4.59E-8	2.17E-6
MDA-MB-435	0.454	1.908	0.659	0.258	0.293	0.182	0.102	14	-43	-36	-60	-78	< 1.00E-8	1.76E-8	3.89E-6
SK-MEL-2	0.883	1.506	1.439	1.136	1.147	0.945	0.303	89	41	42	10	-66	6.42E-8	1.35E-5	6.20E-5
SK-MEL-28	0.508	1.310	1.001	0.830	0.900	0.853	0.114	61	40	49	43	-78	3.45E-8	2.27E-5	5.91E-5
SK-MEL-5	0.474	2.644	2.028	1.045	0.578	0.403	0.021	72	26	5	-15	-96	3.00E-8	1.74E-6	2.71E-5
UACC-257	0.806	1.807	1.441	1.419	1.444	0.910	0.542	63	61	64	10	-33	1.81E-6	1.74E-5	> 1.00E-4
UACC-62	0.730	2.261	1.454	1.184	1.231	0.982	0.178	47	30	33	16	-76	< 1.00E-8	1.51E-5	5.27E-5
Ovarian Cancer															
IGROV1	0.490	1.846	1.738	1.194	0.994	0.702	0.420	92	52	37	16	-14	1.34E-7	3.33E-5	> 1.00E-4
OVCAR-3	0.439	1.507	1.115	0.317	0.338	0.069	0.043	63	-28	-23	-84	-90	1.40E-8	4.94E-8	2.75E-6
OVCAR-4	0.554	1.273	1.189	0.833	0.753	0.681	0.390	88	39	28	18	-30	5.93E-8	2.37E-5	> 1.00E-4
OVCAR-5	0.497	1.364	1.399	0.754	0.721	0.610	0.458	104	30	26	13	-8	5.32E-8	4.17E-5	> 1.00E-4
OVCAR-8	0.321	1.362	1.291	0.497	0.425	0.300	0.259	93	17	10	-7	-19	3.68E-8	3.96E-6	> 1.00E-4
NCI/ADR-RES	0.478	1.648	0.843	0.429	0.406	0.433	0.406	31	-10	-15	-9	-15	< 1.00E-8	5.66E-8	> 1.00E-4
SK-OV-3	0.444	1.215	1.158	0.515	0.530	0.491	0.333	93	9	11	6	-25	3.24E-8	1.56E-5	> 1.00E-4
Renal Cancer															
786-0	0.626	2.049	1.793	0.989	0.878	0.180	0.108	82	26	18	-71	-83	3.68E-8	1.58E-6	5.76E-6
ACHN	0.380	1.387	1.050	0.817	0.647	0.336	0.274	66	43	27	-12	-28	5.15E-8	4.97E-6	> 1.00E-4
CAKI-1	0.601	1.991	1.449	1.316	1.180	0.716	0.583	61	51	42	8	-3	1.40E-7	5.36E-5	> 1.00E-4
RXF 393	0.635	1.164	0.961	0.535	0.700	0.786	0.126	62	-16	12	29	-80	1.41E-8	.	5.28E-5
SN12C	0.497	1.966	1.805	0.902	0.731	0.427	0.072	89	28	16	-14	-86	4.32E-8	3.39E-6	3.18E-5
TK-10	0.557	1.315	1.257	0.943	0.930	0.636	0.473	92	51	49	10	-15	3.16E-7	2.55E-5	> 1.00E-4
UO-31	0.604	1.664	1.361	1.211	1.212	0.879	0.615	71	57	57	26	1	1.71E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.452	1.608	1.281	0.632	0.630	0.470	0.480	72	16	15	2	2	2.44E-8	> 1.00E-4	> 1.00E-4
DU-145	0.242	1.090	1.008	0.366	0.253	0.083	0.064	90	15	1	-66	-74	3.40E-8	1.05E-6	5.83E-6
Breast Cancer															
MCF7	0.357	1.877	1.424	0.582	0.594	0.444	0.098	70	15	16	6	-73	2.32E-8	1.18E-5	5.15E-5
MDA-MB-231/ATCC	0.618	1.661	1.669	1.042	0.953	0.632	0.269	101	41	32	1	-57	6.98E-8	1.05E-5	7.71E-5
HS 578T	0.775	1.533	1.225	0.811	0.870	0.646	0.562	59	5	12	-17	-27	1.48E-8	2.68E-6	> 1.00E-4
BT-549	0.850	1.647	1.578	0.905	0.647	0.113	0.111	91	7	-24	-87	-87	3.08E-8	1.67E-7	2.60E-6
T-47D	0.377	0.849	0.849	0.697	0.714	0.572	0.204	100	68	71	41	-46	5.10E-6	2.97E-5	> 1.00E-4
MDA-MB-468	0.571	1.143	1.073	0.655	0.656	0.477	0.229	88	15	15	-17	-60	3.28E-8	2.97E-6	5.89E-5

Mean Graphs

Report Date :October 18, 2012

Test Date :August 29, 2011

