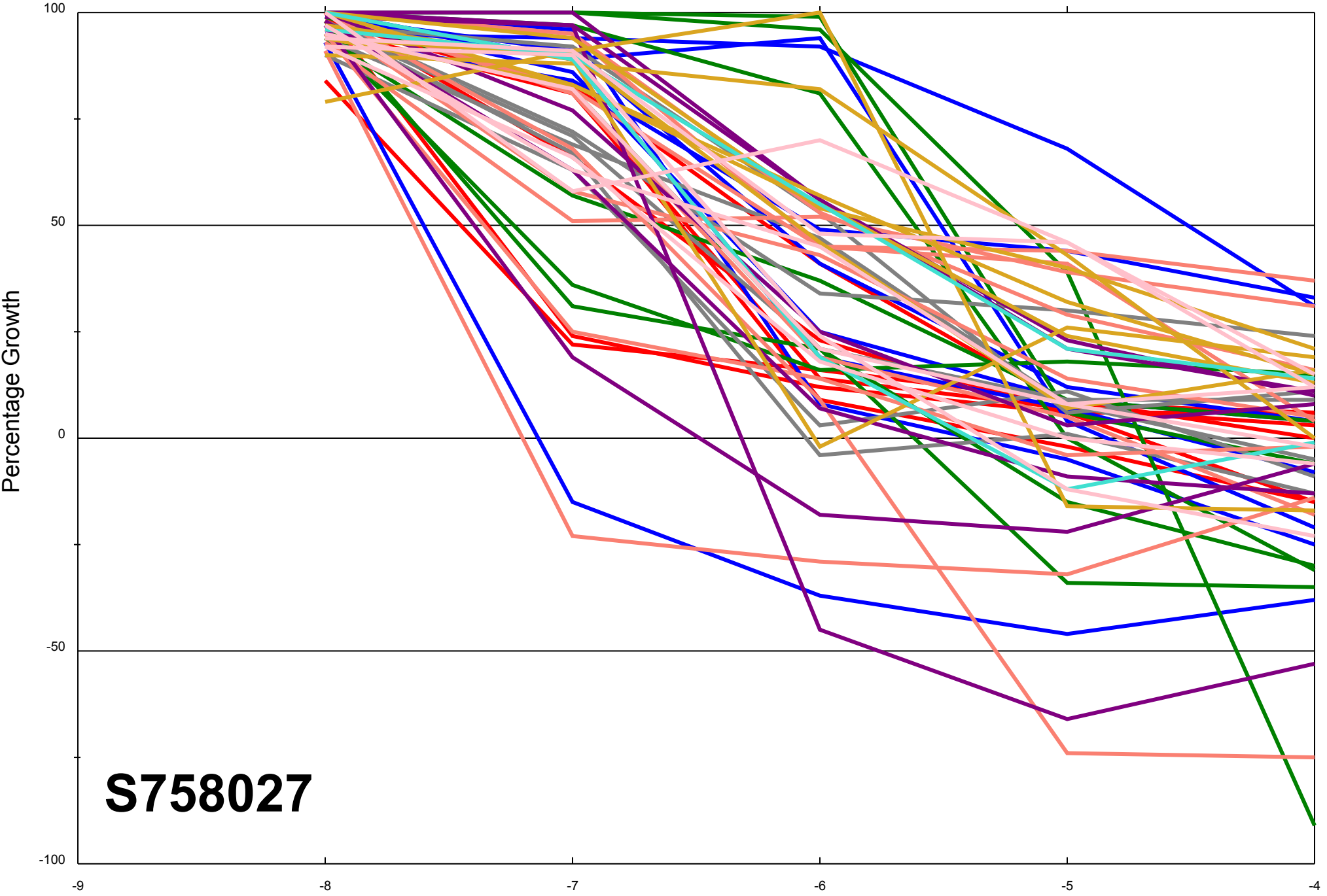


Dose Response Curves

Report Date:May 06, 2013

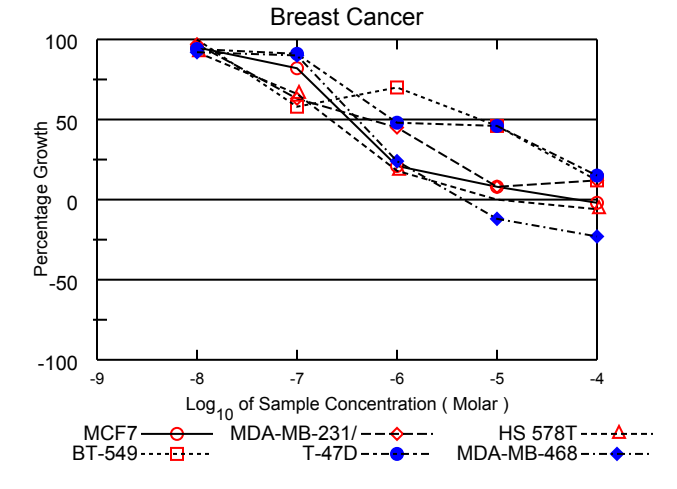
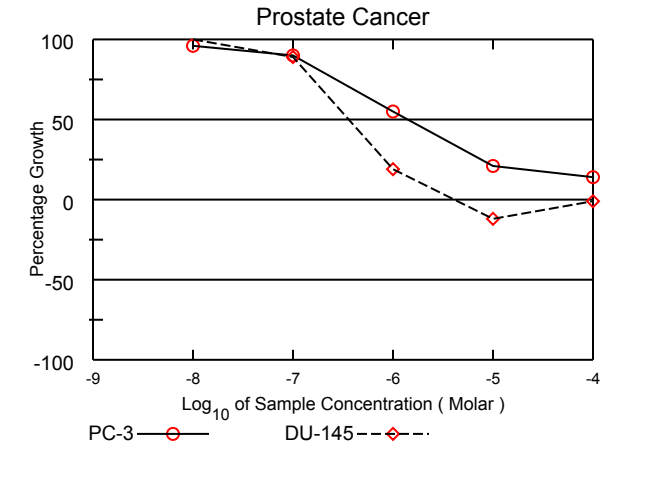
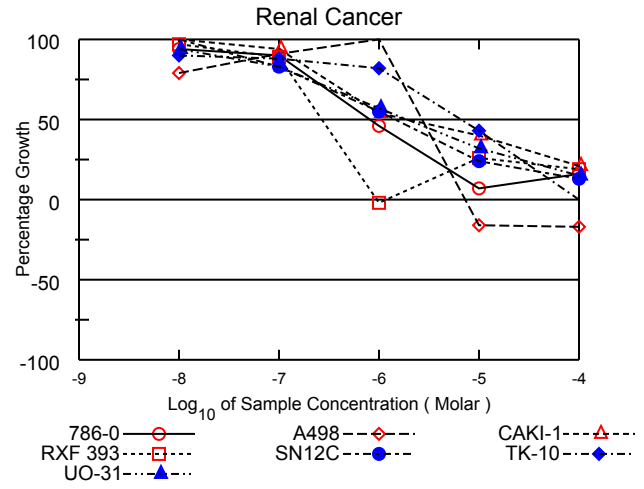
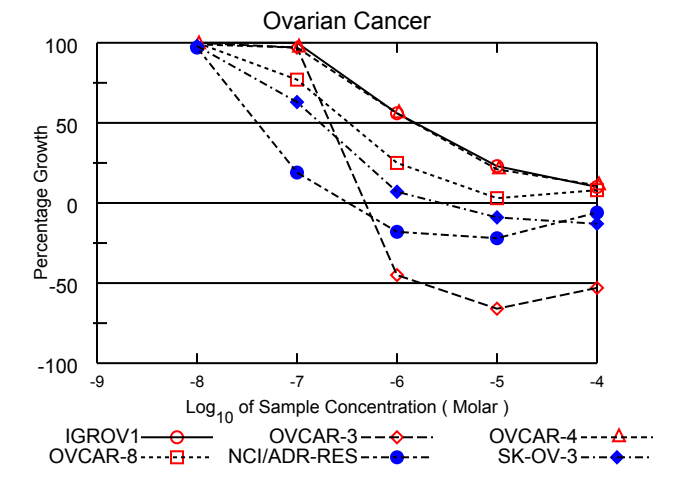
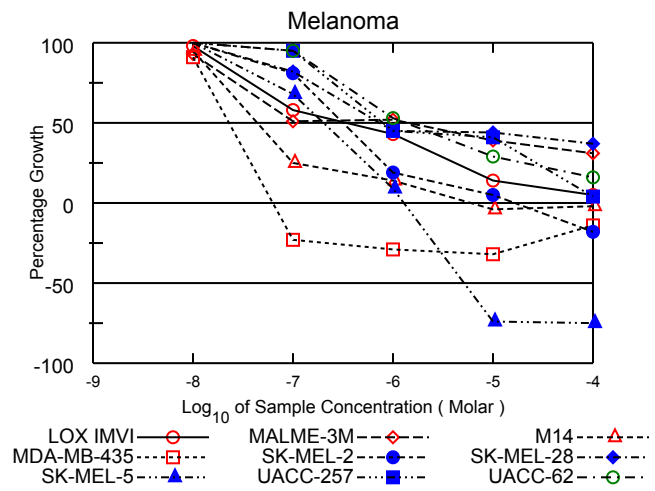
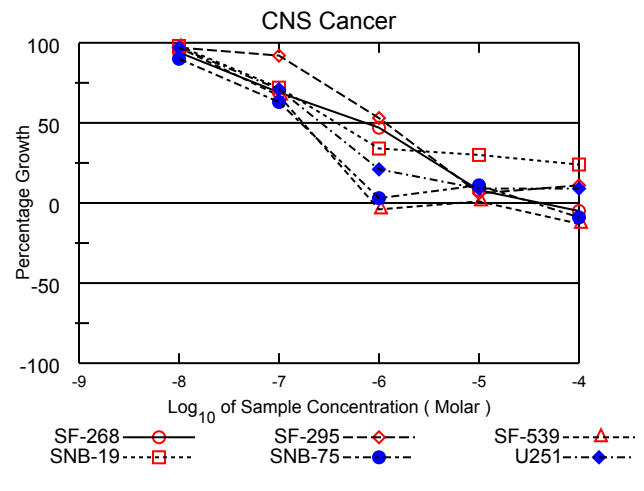
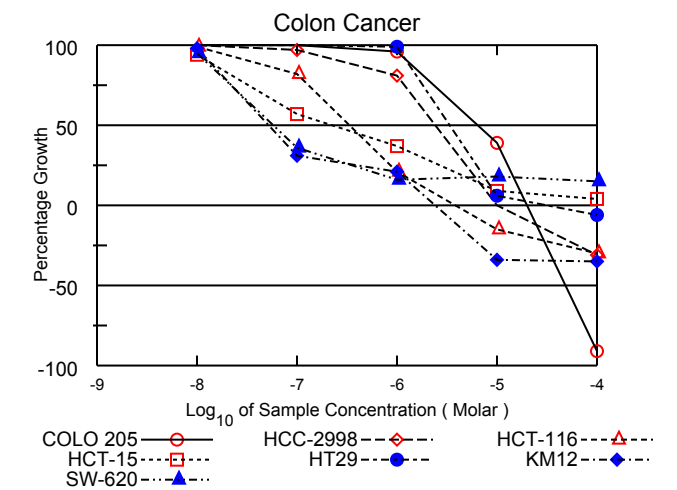
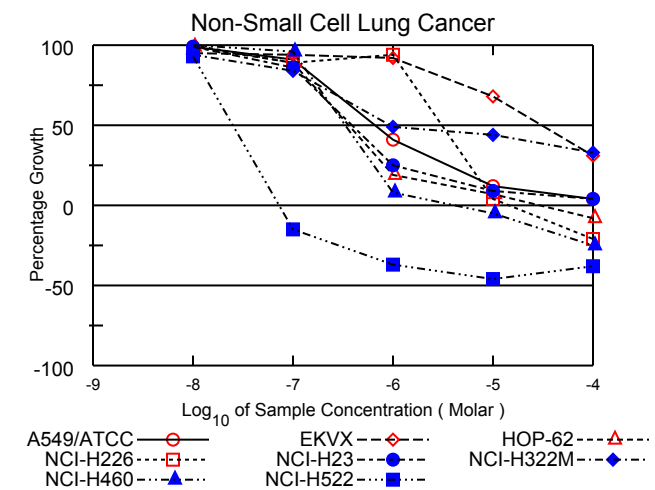
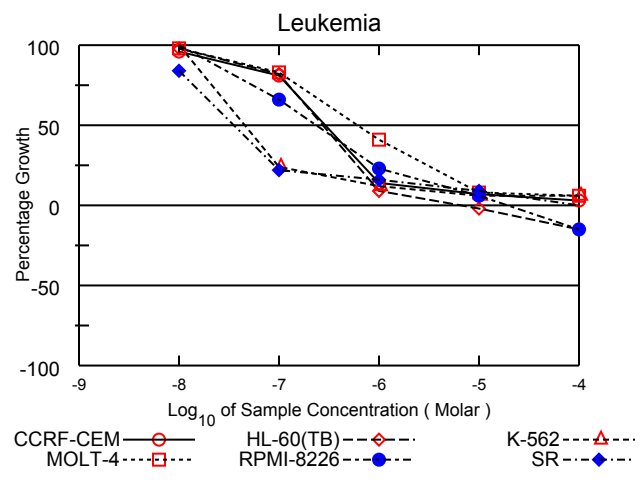
Test Date:June 06, 2011

All Cell Lines



S758027

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758027 / 1	Experiment ID : 1106NS60	Test Type : 08	Units : Molar
Report Date : May 06, 2013	Test Date : June 06, 2011	QNS :	MC :
COMI : NMR/19230036 (104809)	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	0.506	1.683	1.632	1.460	0.673	0.587	0.547	96	81	14	7	3	2.91E-7	> 1.00E-4	> 1.00E-4
HL-60(TB)	1.198	3.267	3.234	2.902	1.378	1.170	1.020	98	82	9	-2	-15	2.75E-7	6.10E-6	> 1.00E-4
K-562	0.284	1.835	1.840	0.661	0.478	0.374	0.382	100	24	12	6	6	4.59E-8	> 1.00E-4	> 1.00E-4
MOLT-4	0.632	2.444	2.409	2.132	1.373	0.784	0.736	98	83	41	8	6	6.05E-7	> 1.00E-4	> 1.00E-4
RPMI-8226	0.798	1.790	1.800	1.453	1.027	0.858	0.679	101	66	23	6	-15	2.36E-7	1.93E-5	> 1.00E-4
SR	0.695	2.637	2.336	1.119	1.006	0.877	0.704	84	22	16	9	.	3.55E-8	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.407	1.723	1.714	1.610	0.950	0.562	0.459	99	91	41	12	4	6.69E-7	> 1.00E-4	> 1.00E-4
EKVX	0.641	1.493	1.448	1.446	1.424	1.224	0.909	95	94	92	68	31	3.15E-5	> 1.00E-4	> 1.00E-4
HOP-62	0.462	1.138	1.133	1.061	0.593	0.509	0.426	99	89	19	7	-8	3.61E-7	2.94E-5	> 1.00E-4
NCI-H226	0.680	1.425	1.428	1.346	1.384	0.710	0.534	100	89	94	4	-21	3.10E-6	1.43E-5	> 1.00E-4
NCI-H23	0.598	1.771	1.763	1.606	0.888	0.707	0.640	99	86	25	9	4	3.86E-7	> 1.00E-4	> 1.00E-4
NCI-H322M	0.709	1.511	1.465	1.385	1.103	1.059	0.972	94	84	49	44	33	9.42E-7	> 1.00E-4	> 1.00E-4
NCI-H460	0.249	1.690	1.760	1.639	0.370	0.238	0.187	105	96	8	-5	-25	3.37E-7	4.42E-6	> 1.00E-4
NCI-H522	0.809	1.737	1.669	0.690	0.509	0.439	0.504	93	-15	-37	-46	-38	2.50E-8	7.29E-8	> 1.00E-4
Colon Cancer															
COLO 205	0.222	0.973	1.026	0.987	0.942	0.514	0.019	107	102	96	39	-91	6.38E-6	1.99E-5	4.81E-5
HCC-2998	0.823	2.731	2.727	2.675	2.362	0.821	0.571	100	97	81	.	-31	2.39E-6	9.91E-6	> 1.00E-4
HCT-116	0.183	1.218	1.204	1.033	0.396	0.156	0.129	99	82	21	-15	-30	3.33E-7	3.79E-6	> 1.00E-4
HCT-15	0.445	2.256	2.143	1.475	1.113	0.614	0.516	94	57	37	9	4	2.21E-7	> 1.00E-4	> 1.00E-4
HT29	0.230	1.080	1.089	1.108	1.073	0.285	0.216	101	103	99	6	-6	3.39E-6	3.27E-5	> 1.00E-4
KM12	0.339	1.369	1.351	0.658	0.555	0.224	0.219	98	31	21	-34	-35	5.21E-8	2.40E-6	> 1.00E-4
SW-620	0.238	1.464	1.404	0.686	0.431	0.462	0.419	95	36	16	18	15	5.88E-8	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.506	1.553	1.491	1.233	0.995	0.588	0.481	94	69	47	8	-5	7.12E-7	4.06E-5	> 1.00E-4
SF-295	0.745	2.116	2.075	2.007	1.471	0.828	0.898	97	92	53	6	11	1.16E-6	> 1.00E-4	> 1.00E-4
SF-539	0.765	1.857	1.824	1.497	0.733	0.779	0.667	97	67	-4	1	-13	1.73E-7	.	> 1.00E-4
SNB-19	0.463	1.412	1.397	1.142	0.783	0.745	0.691	98	72	34	30	24	3.71E-7	> 1.00E-4	> 1.00E-4
SNB-75	0.564	1.109	1.052	0.910	0.579	0.625	0.511	90	63	3	11	-9	1.66E-7	3.46E-5	> 1.00E-4
U251	0.331	1.424	1.394	1.106	0.561	0.434	0.425	97	71	21	9	9	2.62E-7	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.305	1.808	1.774	1.183	0.954	0.514	0.386	98	58	43	14	5	3.57E-7	> 1.00E-4	> 1.00E-4
MALME-3M	0.719	1.557	1.497	1.144	1.151	1.044	0.977	93	51	52	39	31	1.33E-6	> 1.00E-4	> 1.00E-4
M14	0.388	1.254	1.213	0.608	0.507	0.373	0.379	95	25	14	-4	-2	4.45E-8	5.95E-6	> 1.00E-4
MDA-MB-435	0.424	1.878	1.741	0.325	0.303	0.289	0.365	91	-23	-29	-32	-14	2.27E-8	6.23E-8	> 1.00E-4
SK-MEL-2	1.029	1.752	1.785	1.614	1.164	1.068	0.839	105	81	19	5	-18	3.13E-7	1.67E-5	> 1.00E-4
SK-MEL-28	0.486	1.158	1.175	1.034	0.791	0.782	0.735	102	82	45	44	37	7.46E-7	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.445	2.540	2.554	1.869	0.641	0.114	0.110	101	68	9	-74	-75	2.03E-7	1.29E-6	5.11E-6
UACC-257	0.690	1.310	1.312	1.276	0.967	0.945	0.713	100	95	45	41	4	7.83E-7	> 1.00E-4	> 1.00E-4
UACC-62	0.749	2.212	2.212	2.140	1.526	1.180	0.980	100	95	53	29	16	1.35E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.428	1.445	1.440	1.442	1.000	0.665	0.534	100	100	56	23	10	1.55E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.403	1.178	1.215	1.152	0.222	0.137	0.188	105	97	-45	-66	-53	2.13E-7	4.81E-7	1.72E-6
OVCAR-4	0.609	1.507	1.494	1.477	1.114	0.793	0.708	99	97	56	21	11	1.50E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.365	1.297	1.293	1.079	0.601	0.396	0.438	100	77	25	3	8	3.30E-7	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.487	1.530	1.502	0.681	0.400	0.380	0.457	97	19	-18	-22	-6	3.99E-8	3.23E-7	> 1.00E-4
SK-OV-3	0.533	1.236	1.222	0.975	0.579	0.483	0.465	98	63	7	-9	-13	1.69E-7	2.58E-6	> 1.00E-4
Renal Cancer															
786-0	0.572	1.985	1.895	1.840	1.216	0.666	0.796	94	90	46	7	16	7.92E-7	> 1.00E-4	> 1.00E-4
A498	1.260	1.954	1.805	1.892	1.964	1.056	1.046	79	91	101	-16	-17	2.74E-6	7.28E-6	> 1.00E-4
CAKI-1	0.687	2.106	2.112	2.023	1.447	1.257	0.992	100	94	54	40	21	1.83E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.635	1.194	1.177	1.130	0.620	0.780	0.740	97	89	-2	26	19	2.65E-7	.	> 1.00E-4
SN12C	0.590	1.869	1.863	1.654	1.296	0.898	0.762	100	83	55	24	13	1.47E-6	> 1.00E-4	> 1.00E-4
TK-10	0.702	1.192	1.143	1.134	1.102	0.913	0.701	90	88	82	43	.	6.57E-6	9.89E-5	> 1.00E-4
UO-31	0.552	1.770	1.703	1.562	1.248	0.936	0.740	94	83	57	32	15	1.90E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.595	1.546	1.506	1.452	1.122	0.791	0.729	96	90	55	21	14	1.43E-6	> 1.00E-4	> 1.00E-4
DU-145	0.449	1.319	1.354	1.224	0.611	0.396	0.445	104	89	19	-12	-1	3.58E-7	4.07E-6	> 1.00E-4
Breast Cancer															
MCF7	0.402	1.793	1.728	1.546	0.693	0.508	0.396	95	82	21	8	-2	3.36E-7	6.68E-5	> 1.00E-4
MDA-MB-231/ATCC	0.581	1.417	1.394	1.112	0.961	0.645	0.685	97	63	45	8	12	5.58E-7	> 1.00E-4	> 1.00E-4
HS 578T	0.841	1.494	1.441	1.273	0.958	0.842	0.792	92	66	18	.	-6	2.16E-7	1.03E-5	> 1.00E-4
BT-549	0.821	1.521	1.520	1.227	1.314	1.143	0.902	100	58	70	46	12	6.82E-6	> 1.00E-4	> 1.00E-4
T-47D	0.722	1.572	1.522	1.492	1.128	1.109	0.849	94	91	48	46	15	8.83E-7	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.606	1.416	1.352	1.336	0.803	0.532	0.468	92	90	24	-12	-23	4.08E-7	4.62E-6	> 1.00E-4

Mean Graphs

Report Date :May 06, 2013

Test Date :June 06, 2011

