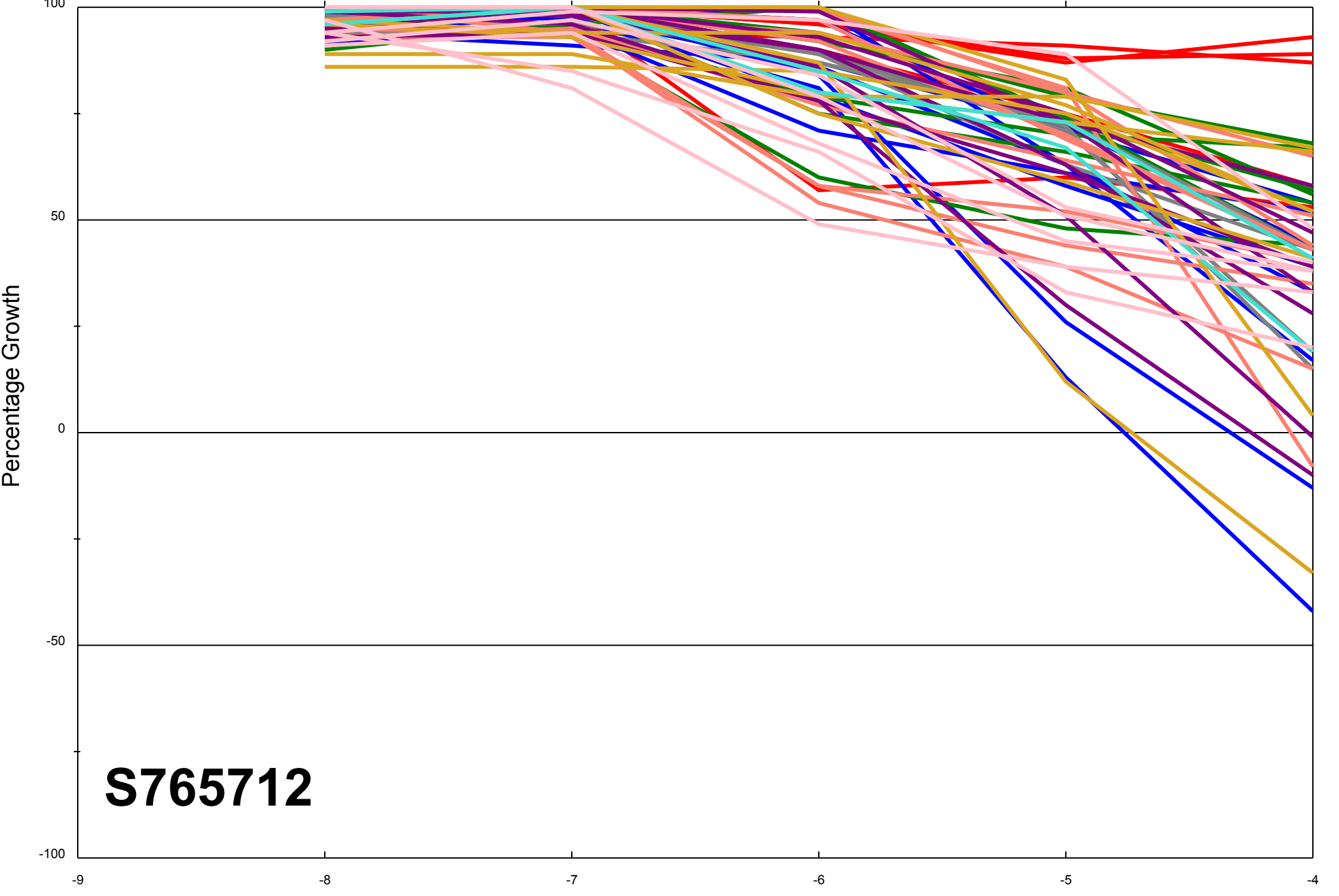


Dose Response Curves

Report Date:September 18, 2012

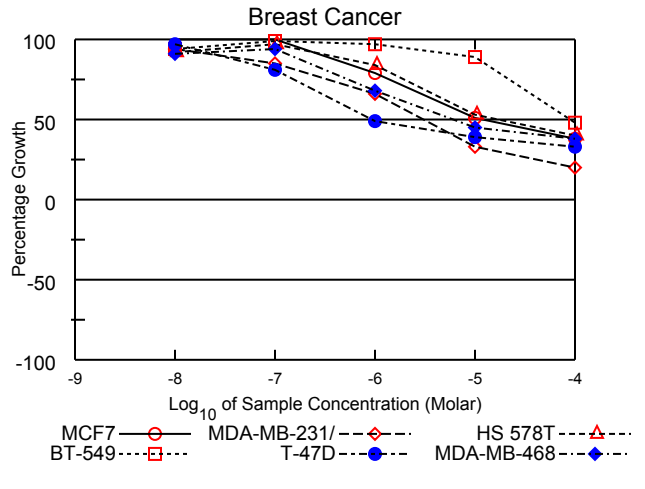
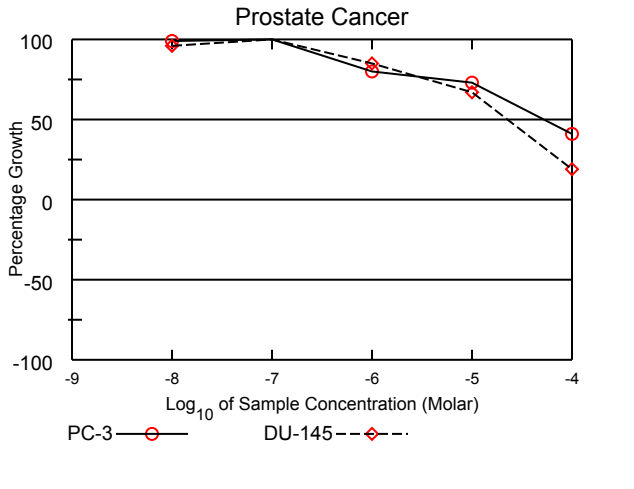
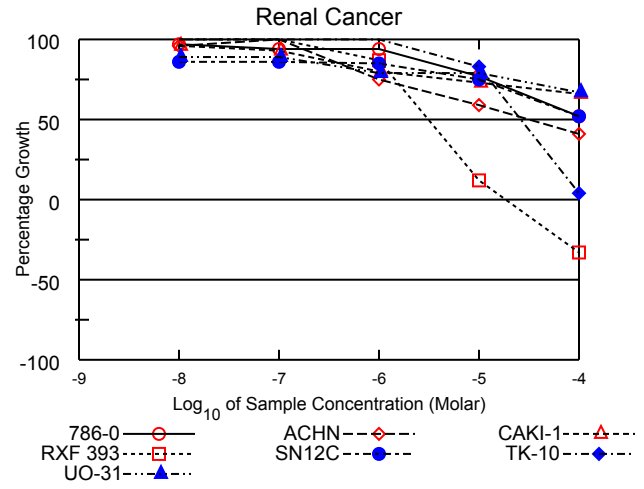
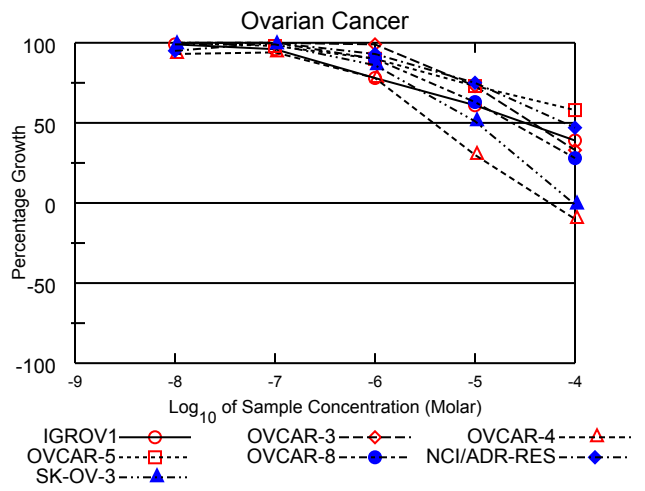
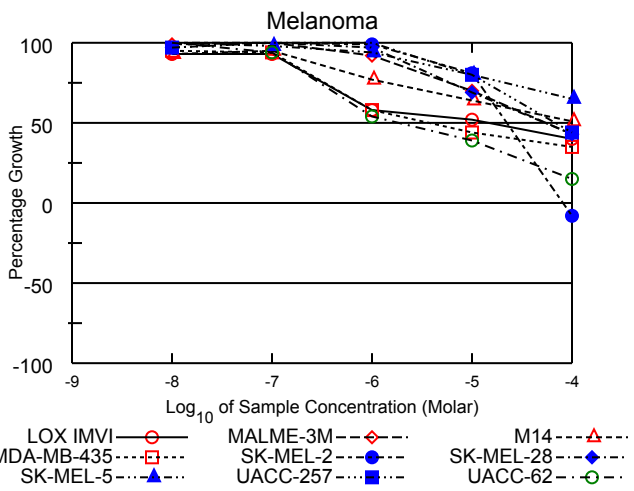
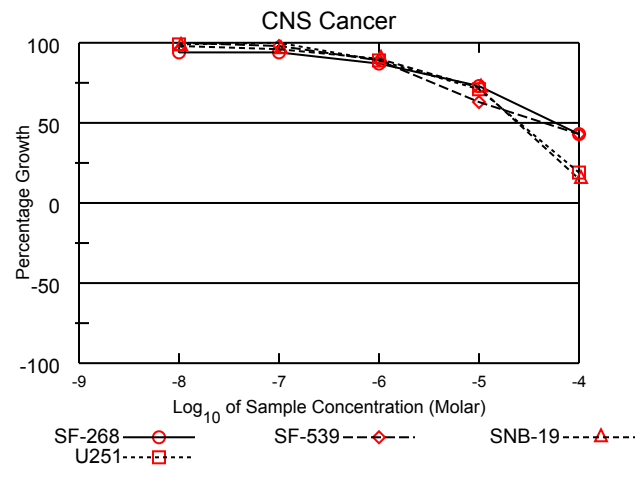
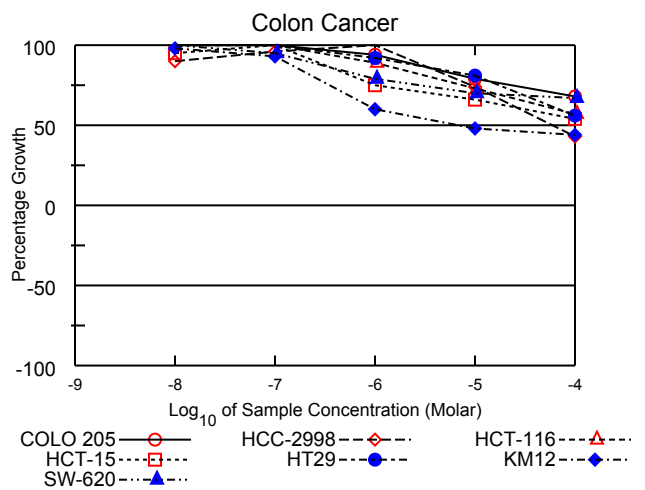
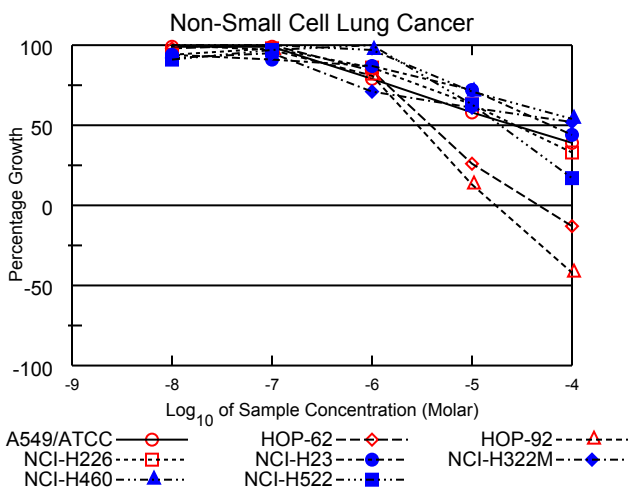
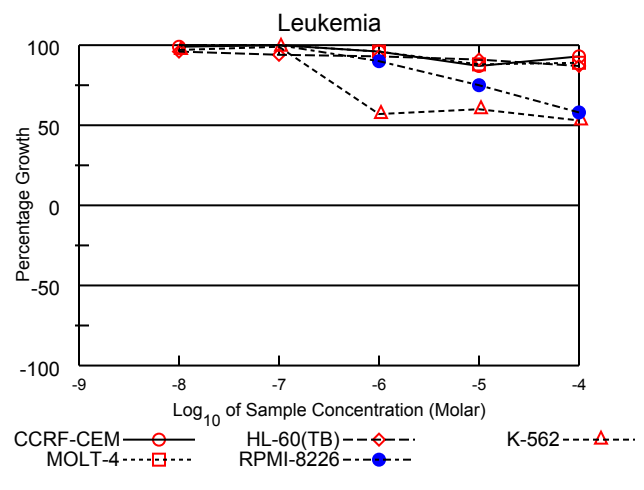
Test Date:July 23, 2012

All Cell Lines



S765712

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program

In-Vitro Testing Results

NSC : 765712 / 1	Experiment ID : 1207NS11	Test Type : 08	Units : Molar
Report Date : September 18, 2012	Test Date : July 23, 2012	QNS :	MC :
COMI : A3187/0135025 (118888)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Time Zero	Log10 Concentration										GI50	TGI	LC50	
		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	0.516	2.271	2.253	2.298	2.196	2.049	2.155	99	102	96	87	93	> 1.00E-4	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.673	3.059	2.965	2.910	2.881	2.850	2.748	96	94	93	91	87	> 1.00E-4	> 1.00E-4	> 1.00E-4
K-562	0.353	3.001	2.922	2.977	1.875	1.944	1.744	97	99	57	60	53	> 1.00E-4	> 1.00E-4	> 1.00E-4
MOLT-4	0.609	2.844	2.847	2.886	2.763	2.568	2.598	100	102	96	88	89	> 1.00E-4	> 1.00E-4	> 1.00E-4
RPMI-8226	0.999	2.613	2.640	2.656	2.451	2.208	1.939	102	103	90	75	58	> 1.00E-4	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.413	1.803	1.790	1.785	1.514	1.224	0.958	99	99	79	58	39	2.72E-5	> 1.00E-4	> 1.00E-4
HOP-62	0.514	1.573	1.553	1.583	1.404	0.795	0.450	98	101	84	26	-13	3.90E-6	4.77E-5	> 1.00E-4
HOP-92	1.087	1.451	1.452	1.441	1.382	1.133	0.627	100	97	81	13	-42	2.84E-6	1.69E-5	> 1.00E-4
NCI-H226	0.746	2.215	2.131	2.179	2.005	1.675	1.230	94	98	86	63	33	2.73E-5	> 1.00E-4	> 1.00E-4
NCI-H23	1.173	3.025	2.915	2.855	2.776	2.500	1.988	94	91	87	72	44	6.07E-5	> 1.00E-4	> 1.00E-4
NCI-H322M	0.689	1.767	1.684	1.718	1.453	1.347	1.251	92	95	71	61	52	> 1.00E-4	> 1.00E-4	> 1.00E-4
NCI-H460	0.271	2.763	2.803	2.832	2.684	2.036	1.629	102	103	97	71	54	> 1.00E-4	> 1.00E-4	> 1.00E-4
NCI-H522	0.986	2.095	1.995	2.060	2.095	1.688	1.175	91	97	100	63	17	1.94E-5	> 1.00E-4	> 1.00E-4
Colon Cancer															
COLO 205	0.374	1.261	1.290	1.273	1.208	1.073	0.976	103	101	94	79	68	> 1.00E-4	> 1.00E-4	> 1.00E-4
HCC-2998	0.542	1.597	1.490	1.553	1.618	1.324	0.996	90	96	102	74	43	5.95E-5	> 1.00E-4	> 1.00E-4
HCT-116	0.192	1.758	1.754	1.771	1.579	1.329	1.087	100	101	89	73	57	> 1.00E-4	> 1.00E-4	> 1.00E-4
HCT-15	0.249	2.036	1.952	2.045	1.584	1.436	1.210	95	101	75	66	54	> 1.00E-4	> 1.00E-4	> 1.00E-4
HT29	0.300	1.690	1.743	1.894	1.572	1.429	1.082	104	115	92	81	56	> 1.00E-4	> 1.00E-4	> 1.00E-4
KM12	0.515	2.667	2.623	2.520	1.804	1.539	1.468	98	93	60	48	44	6.35E-6	> 1.00E-4	> 1.00E-4
SW-620	0.251	2.090	2.119	1.990	1.705	1.544	1.491	102	95	79	70	67	> 1.00E-4	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.737	2.018	1.941	1.939	1.857	1.673	1.293	94	94	87	73	43	5.99E-5	> 1.00E-4	> 1.00E-4
SF-539	0.797	2.692	2.730	2.657	2.478	1.993	1.603	102	98	89	63	43	4.33E-5	> 1.00E-4	> 1.00E-4
SNB-19	0.753	2.036	2.016	1.983	1.905	1.679	0.944	98	96	90	72	15	2.44E-5	> 1.00E-4	> 1.00E-4
U251	0.678	2.416	2.397	2.459	2.227	1.920	1.000	99	103	89	71	19	2.55E-5	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.552	2.934	2.759	2.774	1.936	1.790	1.503	93	93	58	52	40	1.45E-5	> 1.00E-4	> 1.00E-4
MALME-3M	0.673	1.438	1.427	1.439	1.374	1.210	1.004	99	100	92	70	43	5.62E-5	> 1.00E-4	> 1.00E-4
M14	0.425	1.666	1.577	1.604	1.380	1.217	1.062	93	95	77	64	51	> 1.00E-4	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.396	1.947	1.868	1.857	1.295	1.073	0.942	95	94	58	44	35	3.59E-6	> 1.00E-4	> 1.00E-4
SK-MEL-2	1.283	2.282	2.278	2.405	2.274	2.095	1.177	100	112	99	81	-8	2.23E-5	8.08E-5	> 1.00E-4
SK-MEL-28	0.449	1.135	1.114	1.138	1.116	0.920	0.746	97	100	97	69	43	5.44E-5	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.729	3.054	3.052	3.008	2.918	2.600	2.240	100	98	94	80	65	> 1.00E-4	> 1.00E-4	> 1.00E-4
UACC-257	0.996	1.952	1.928	2.015	1.958	1.761	1.415	97	107	101	80	44	6.73E-5	> 1.00E-4	> 1.00E-4
UACC-62	0.857	2.480	2.513	2.382	1.731	1.493	1.106	102	94	54	39	15	1.83E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.662	2.134	2.116	2.072	1.811	1.555	1.240	99	96	78	61	39	3.14E-5	> 1.00E-4	> 1.00E-4
OVCAR-3	0.601	1.769	1.777	1.803	1.752	1.458	0.987	101	103	99	73	33	3.79E-5	> 1.00E-4	> 1.00E-4
OVCAR-4	0.644	1.145	1.110	1.116	1.037	0.794	0.577	93	94	78	30	-10	3.84E-6	5.52E-5	> 1.00E-4
OVCAR-5	0.406	1.203	1.216	1.184	1.122	0.987	0.868	102	98	90	73	58	> 1.00E-4	> 1.00E-4	> 1.00E-4
OVCAR-8	0.564	2.176	2.241	2.200	2.022	1.575	1.023	104	102	90	63	28	2.35E-5	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.868	2.637	2.557	2.674	2.522	2.200	1.694	95	102	93	75	47	7.64E-5	> 1.00E-4	> 1.00E-4
SK-OV-3	0.651	1.436	1.424	1.425	1.329	1.049	0.648	99	99	86	51	-1	1.03E-5	9.76E-5	> 1.00E-4
Renal Cancer															
786-0	0.732	2.535	2.484	2.433	2.428	2.128	1.665	97	94	94	77	52	> 1.00E-4	> 1.00E-4	> 1.00E-4
ACHN	0.340	1.683	1.632	1.687	1.351	1.129	0.884	96	100	75	59	41	3.02E-5	> 1.00E-4	> 1.00E-4
CAKI-1	0.946	3.103	3.008	2.961	2.678	2.531	2.370	96	93	80	73	66	> 1.00E-4	> 1.00E-4	> 1.00E-4
RXF 393	0.779	1.043	1.053	1.058	1.009	0.812	0.522	104	105	87	12	-33	3.13E-6	1.87E-5	> 1.00E-4
SN12C	0.721	2.479	2.233	2.236	2.218	2.047	1.644	86	86	85	75	52	> 1.00E-4	> 1.00E-4	> 1.00E-4
TK-10	0.770	1.534	1.553	1.664	1.625	1.403	0.800	102	117	112	83	4	2.61E-5	> 1.00E-4	> 1.00E-4
UO-31	0.706	2.265	2.086	2.090	1.940	1.930	1.754	89	89	79	79	67	> 1.00E-4	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.651	2.088	2.081	2.191	1.800	1.706	1.245	99	107	80	73	41	5.37E-5	> 1.00E-4	> 1.00E-4
DU-145	0.333	1.186	1.155	1.326	1.059	0.903	0.494	96	116	85	67	19	2.24E-5	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.380	1.626	1.699	1.645	1.358	1.012	0.857	106	102	79	51	38	1.15E-5	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.625	1.276	1.237	1.181	1.058	0.839	0.752	94	85	66	33	20	3.08E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.954	2.115	2.024	2.078	1.932	1.571	1.421	92	97	84	53	40	1.74E-5	> 1.00E-4	> 1.00E-4
BT-549	0.918	1.761	1.713	1.754	1.733	1.668	1.321	94	99	97	89	48	8.82E-5	> 1.00E-4	> 1.00E-4
T-47D	0.681	1.778	1.743	1.573	1.224	1.107	1.038	97	81	49	39	33	9.63E-7	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.679	1.523	1.443	1.469	1.253	1.063	1.000	91	94	68	45	38	6.28E-6	> 1.00E-4	> 1.00E-4

Mean Graphs

Report Date :September 18, 2012

Test Date :July 23, 2012

