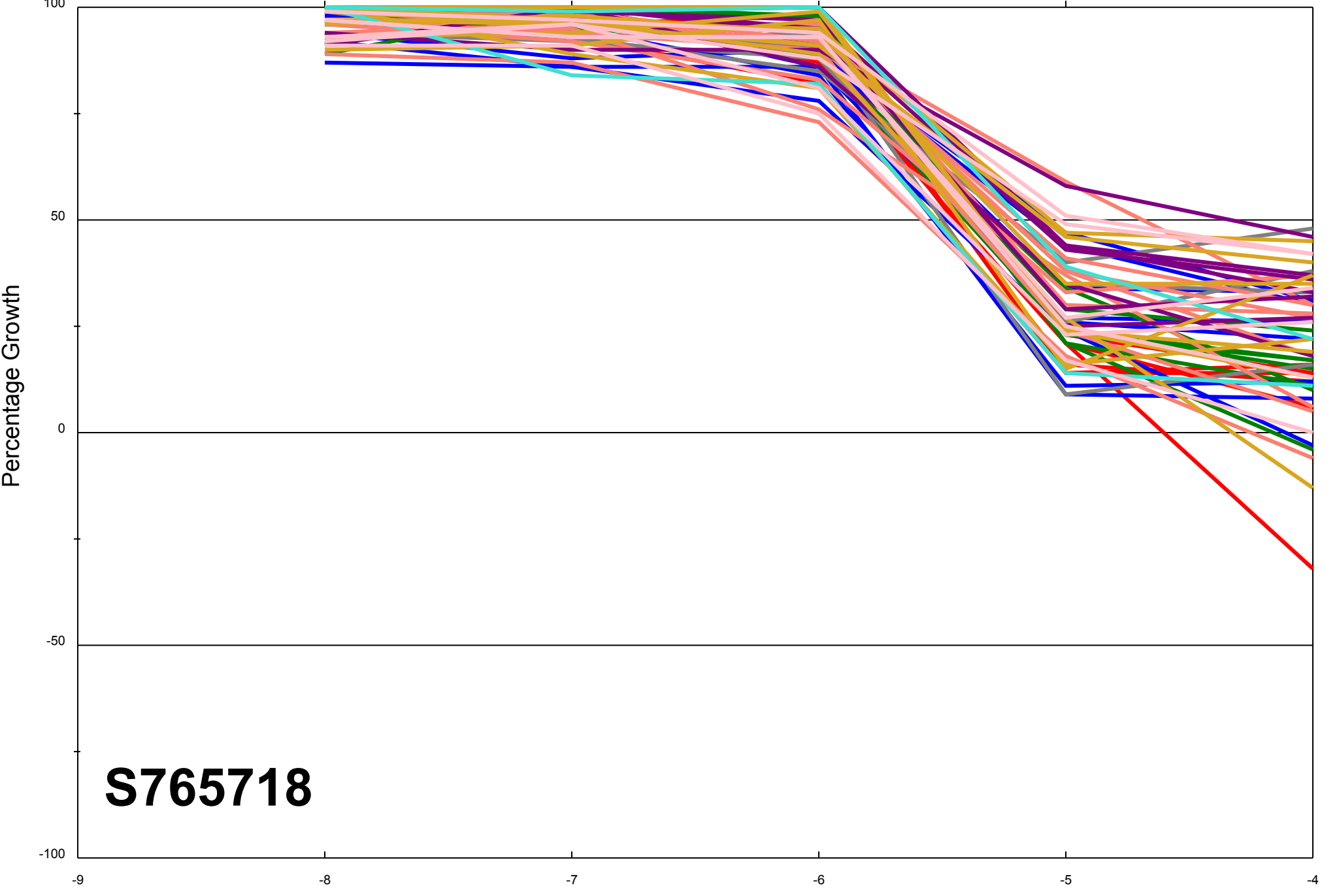


Dose Response Curves

Report Date:September 18, 2012

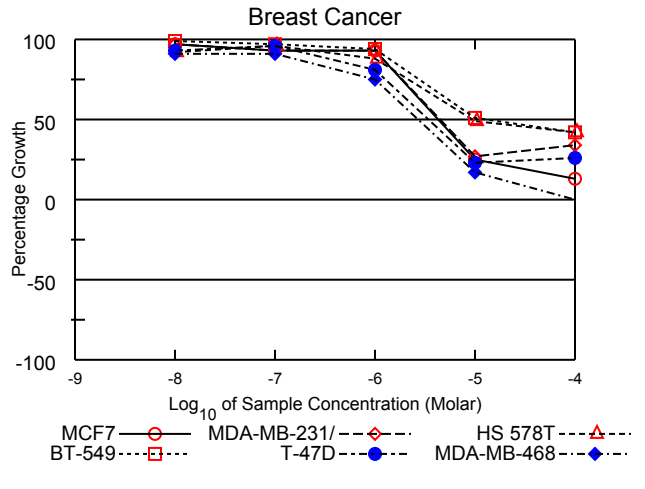
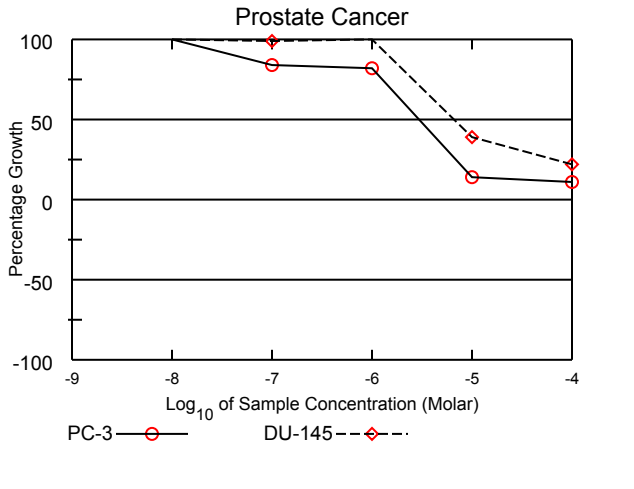
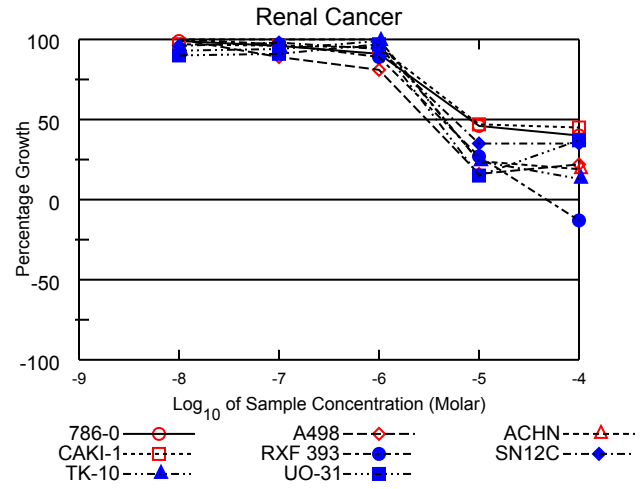
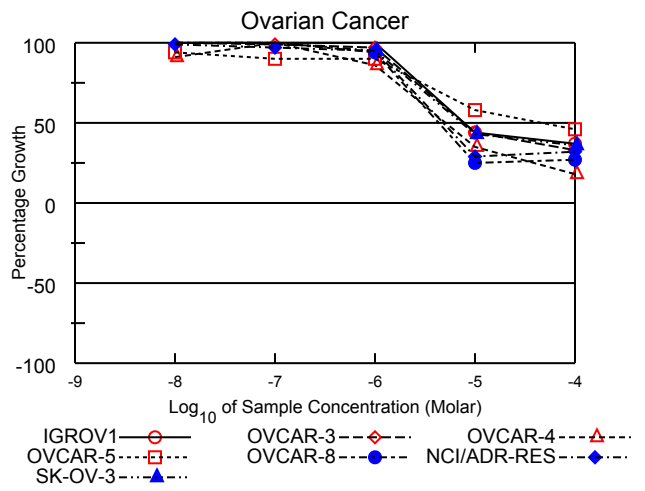
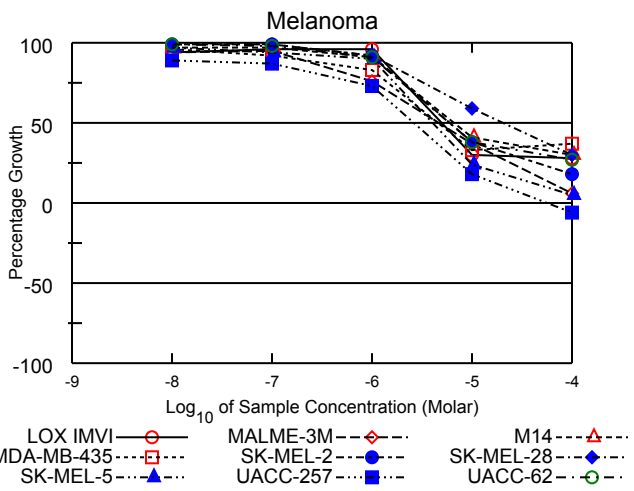
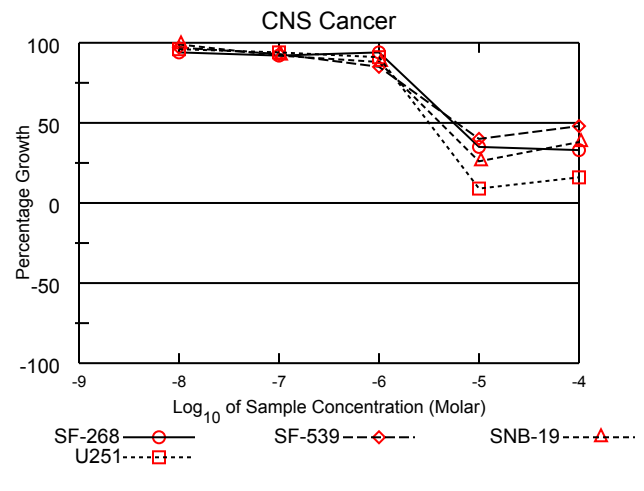
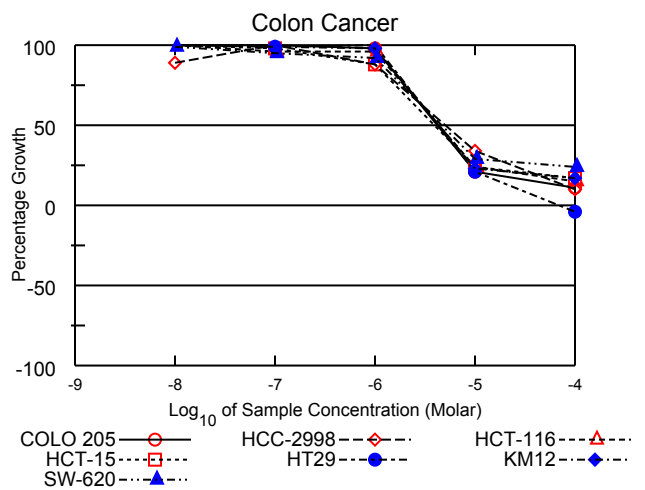
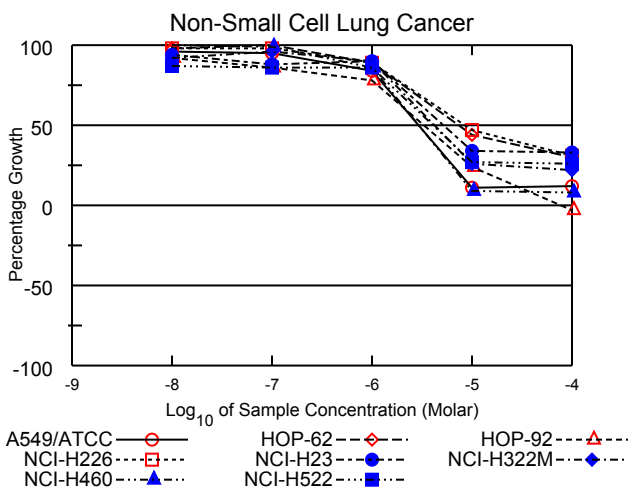
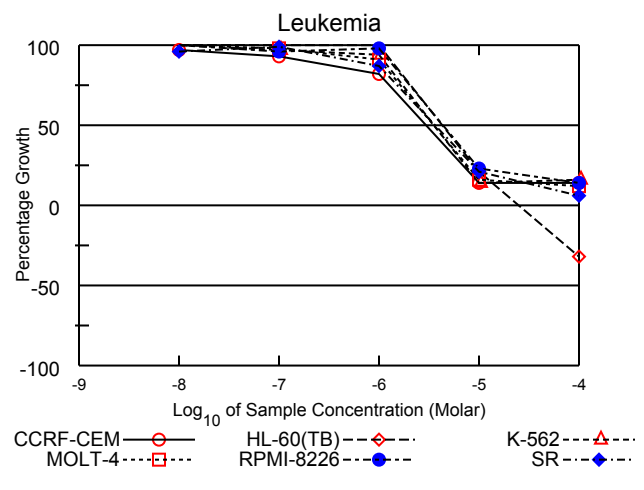
Test Date:July 23, 2012

All Cell Lines



S765718

\log_{10} of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 765718 / 1	Experiment ID : 1207NS11	Test Type : 08	Units : Molar
Report Date : September 18, 2012	Test Date : July 23, 2012	QNS :	MC :
COMI : A3358/0142562 (118894)	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	0.516	2.238	2.186	2.117	1.920	0.755	0.749	97	93	82	14	14	2.92E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.673	2.021	2.152	2.037	2.026	0.956	0.461	110	101	100	21	-32	4.31E-6	2.51E-5	> 1.00E-4
K-562	0.353	2.351	2.387	2.283	2.233	0.632	0.665	102	97	94	14	16	3.55E-6	> 1.00E-4	> 1.00E-4
MOLT-4	0.609	2.061	2.062	2.026	1.930	0.848	0.787	100	98	91	16	12	3.54E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	0.999	2.512	2.517	2.455	2.480	1.349	1.214	100	96	98	23	14	4.37E-6	> 1.00E-4	> 1.00E-4
SR	0.194	0.805	0.780	0.796	0.727	0.321	0.232	96	99	87	21	6	3.63E-6	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.413	1.623	1.570	1.560	1.428	0.541	0.556	96	95	84	11	12	2.90E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.514	1.631	1.612	1.626	1.504	1.004	0.852	98	100	89	44	30	7.29E-6	> 1.00E-4	> 1.00E-4
HOP-92	1.087	1.610	1.571	1.536	1.494	1.213	1.051	92	86	78	24	-3	3.28E-6	7.54E-5	> 1.00E-4
NCI-H226	0.746	2.191	2.163	2.159	2.026	1.432	1.188	98	98	89	47	31	8.66E-6	> 1.00E-4	> 1.00E-4
NCI-H23	1.173	2.990	2.872	2.766	2.805	1.799	1.767	94	88	90	34	33	5.23E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.689	1.439	1.379	1.408	1.366	0.884	0.852	92	96	90	26	22	4.23E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.271	2.556	2.625	2.536	2.242	0.484	0.457	103	99	86	9	8	2.96E-6	> 1.00E-4	> 1.00E-4
NCI-H522	0.986	1.904	1.782	1.773	1.778	1.230	1.221	87	86	86	27	26	4.04E-6	> 1.00E-4	> 1.00E-4
Colon Cancer															
COLO 205	0.374	1.372	1.412	1.372	1.353	0.579	0.483	104	100	98	21	11	4.17E-6	> 1.00E-4	> 1.00E-4
HCC-2998	0.542	1.400	1.307	1.421	1.299	0.837	0.632	89	102	88	34	10	5.12E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.192	2.052	2.062	1.975	1.986	0.638	0.470	101	96	96	24	15	4.37E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.249	2.058	2.084	2.024	1.838	0.676	0.550	101	98	88	24	17	3.88E-6	> 1.00E-4	> 1.00E-4
HT29	0.300	1.414	1.413	1.399	1.421	0.538	0.287	100	99	101	21	-4	4.35E-6	6.78E-5	> 1.00E-4
KM12	0.515	2.455	2.449	2.428	2.414	0.968	0.850	100	99	98	23	17	4.39E-6	> 1.00E-4	> 1.00E-4
SW-620	0.251	1.914	1.899	1.834	1.778	0.726	0.656	99	95	92	29	24	4.58E-6	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.737	2.073	1.994	1.966	1.999	1.210	1.182	94	92	94	35	33	5.65E-6	> 1.00E-4	> 1.00E-4
SF-539	0.797	2.663	2.612	2.539	2.378	1.537	1.693	97	93	85	40	48	5.89E-6	> 1.00E-4	> 1.00E-4
SNB-19	0.753	2.173	2.160	2.066	2.004	1.127	1.289	99	92	88	26	38	4.14E-6	> 1.00E-4	> 1.00E-4
U251	0.678	2.291	2.235	2.201	2.148	0.826	0.937	96	94	91	9	16	3.18E-6	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.552	2.732	2.599	2.648	2.652	1.210	1.164	94	96	96	30	28	5.02E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.673	1.313	1.276	1.282	1.161	0.911	0.710	94	95	76	37	6	4.69E-6	> 1.00E-4	> 1.00E-4
M14	0.425	2.027	1.982	1.975	1.890	1.085	0.906	97	97	91	41	30	6.68E-6	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.396	1.871	1.812	1.754	1.627	0.882	0.948	96	92	83	33	37	4.60E-6	> 1.00E-4	> 1.00E-4
SK-MEL-2	1.283	2.153	2.147	2.142	2.081	1.610	1.442	99	99	92	38	18	5.88E-6	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.449	1.129	1.142	1.121	1.071	0.853	0.654	102	99	92	59	30	2.09E-5	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.729	2.787	2.727	2.673	2.588	1.228	0.823	97	94	90	24	5	4.08E-6	> 1.00E-4	> 1.00E-4
UACC-257	0.996	1.739	1.656	1.644	1.539	1.131	0.935	89	87	73	18	-6	2.63E-6	5.58E-5	> 1.00E-4
UACC-62	0.857	2.913	2.886	2.863	2.727	1.635	1.404	99	98	91	38	27	5.90E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.662	1.891	1.900	1.892	1.900	1.199	1.111	101	100	101	44	37	7.75E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.601	1.832	1.862	1.824	1.798	1.140	1.010	102	99	97	44	33	7.66E-6	> 1.00E-4	> 1.00E-4
OVCAR-4	0.644	1.175	1.128	1.179	1.102	0.830	0.740	91	101	86	35	18	5.10E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.406	1.251	1.204	1.164	1.164	0.898	0.794	94	90	90	58	46	4.67E-5	> 1.00E-4	> 1.00E-4
OVCAR-8	0.564	1.899	1.898	1.912	1.820	0.901	0.929	100	101	94	25	27	4.36E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.868	2.698	2.677	2.641	2.611	1.402	1.449	99	97	95	29	32	4.84E-6	> 1.00E-4	> 1.00E-4
SK-OV-3	0.651	1.497	1.516	1.509	1.457	1.017	0.952	102	101	95	43	36	7.40E-6	> 1.00E-4	> 1.00E-4
Renal Cancer															
786-0	0.732	2.561	2.540	2.497	2.389	1.582	1.465	99	96	91	46	40	8.31E-6	> 1.00E-4	> 1.00E-4
A498	1.207	1.981	2.022	1.898	1.838	1.331	1.376	105	89	81	16	22	3.02E-6	> 1.00E-4	> 1.00E-4
ACHN	0.340	1.738	1.752	1.841	1.743	0.681	0.605	101	107	100	24	19	4.60E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.946	2.992	2.936	2.901	2.887	1.916	1.859	97	96	95	47	45	8.82E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.779	1.265	1.274	1.251	1.213	0.909	0.675	102	97	89	27	-13	4.26E-6	4.64E-5	> 1.00E-4
SN12C	0.721	2.692	2.619	2.655	2.571	1.406	1.404	96	98	94	35	35	5.52E-6	> 1.00E-4	> 1.00E-4
TK-10	0.770	1.385	1.341	1.351	1.379	0.919	0.851	93	94	99	24	13	4.51E-6	> 1.00E-4	> 1.00E-4
UO-31	0.706	2.005	1.873	1.886	1.971	0.907	1.186	90	91	97	15	37	3.79E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.651	1.986	2.024	1.771	1.747	0.842	0.799	103	84	82	14	11	2.97E-6	> 1.00E-4	> 1.00E-4
DU-145	0.333	1.272	1.283	1.260	1.312	0.703	0.539	101	99	104	39	22	6.86E-6	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.380	1.708	1.668	1.621	1.611	0.717	0.557	97	93	93	25	13	4.31E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.625	1.440	1.415	1.384	1.382	0.848	0.901	97	93	93	27	34	4.50E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.954	1.847	1.777	1.808	1.737	1.389	1.326	92	96	88	49	42	9.24E-6	> 1.00E-4	> 1.00E-4
BT-549	0.918	2.146	2.128	2.108	2.077	1.545	1.431	99	97	94	51	42	1.29E-5	> 1.00E-4	> 1.00E-4
T-47D	0.681	1.693	1.627	1.652	1.500	0.915	0.940	93	96	81	23	26	3.42E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.679	1.516	1.438	1.441	1.306	0.821	0.683	91	91	75	17	.	2.69E-6	> 1.00E-4	> 1.00E-4

Mean Graphs

Report Date :September 18, 2012

Test Date :July 23, 2012

