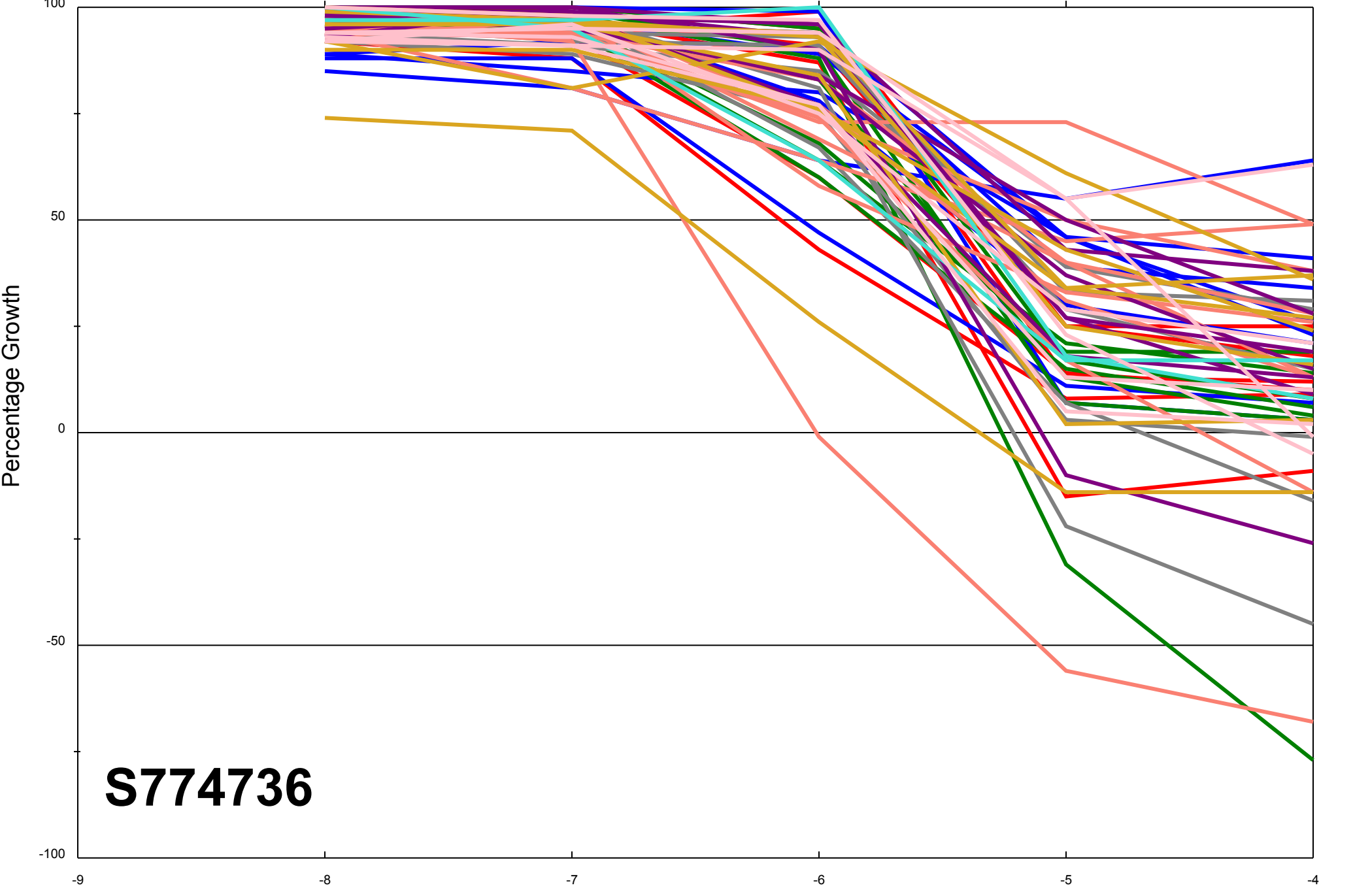


Dose Response Curves

Report Date:December 09, 2013

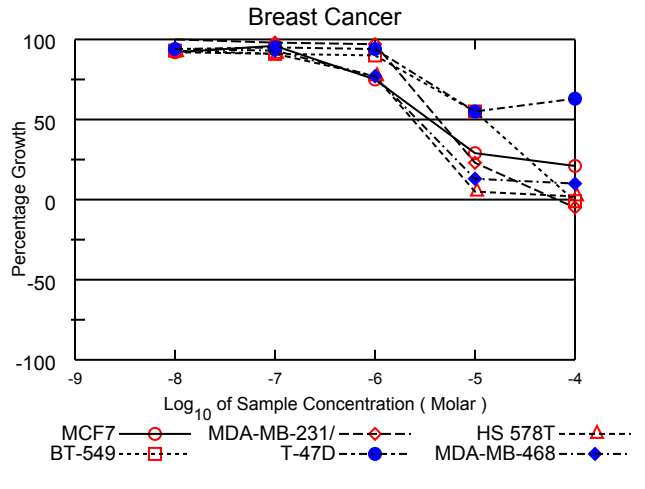
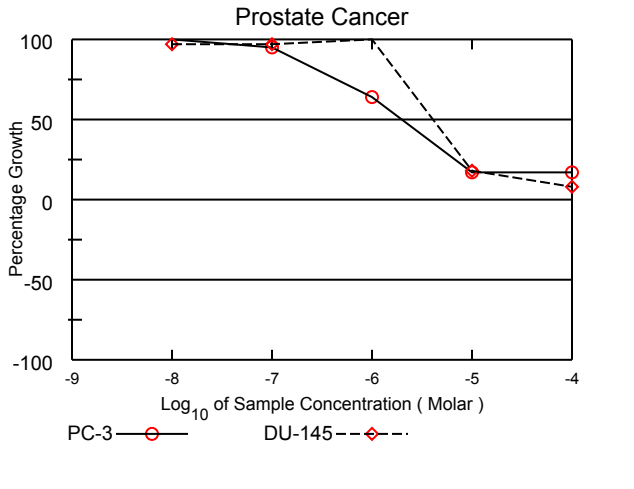
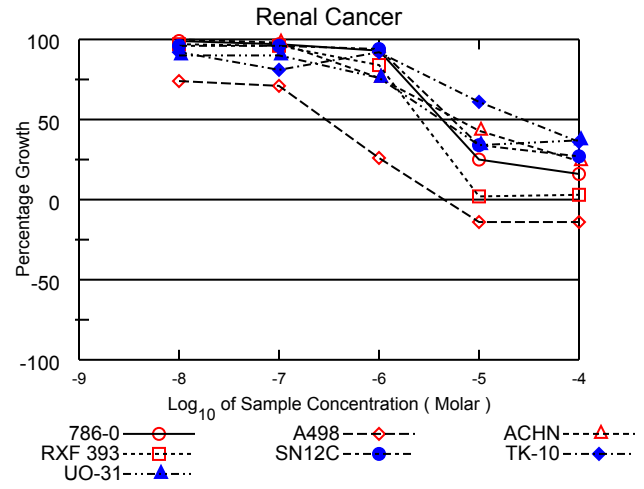
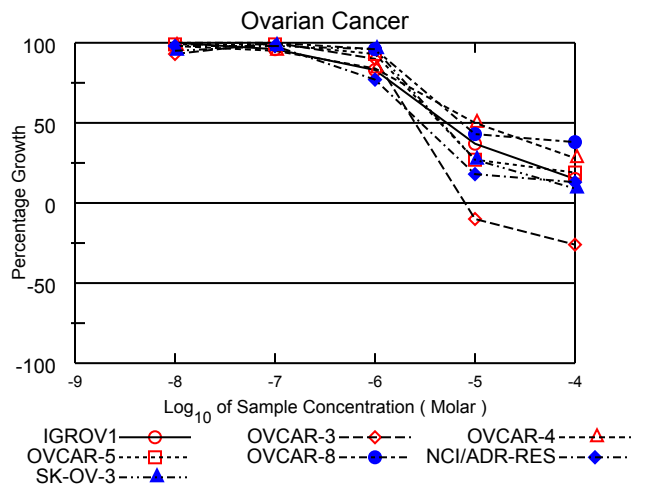
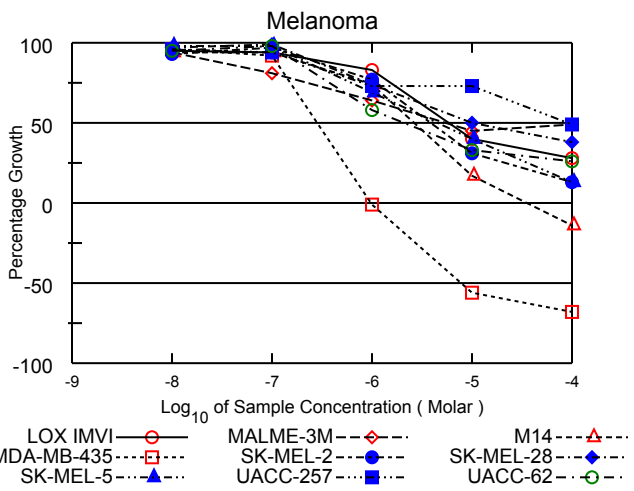
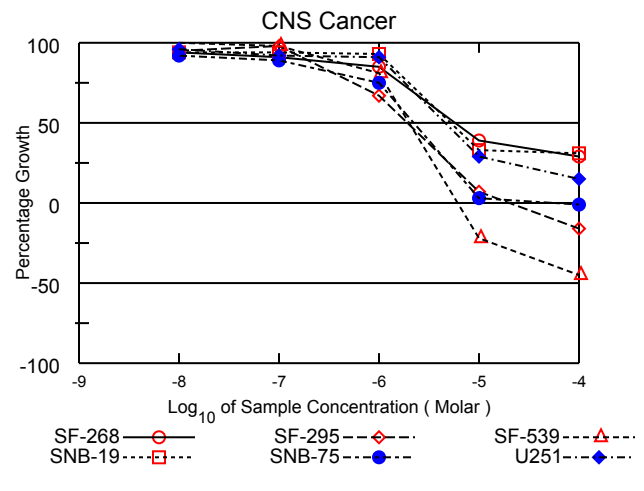
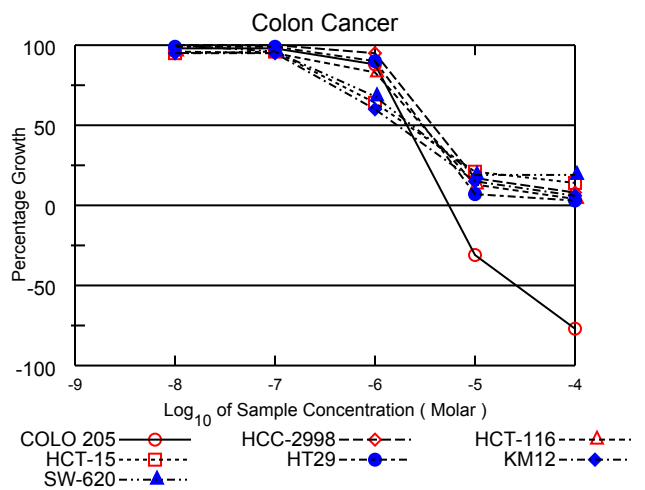
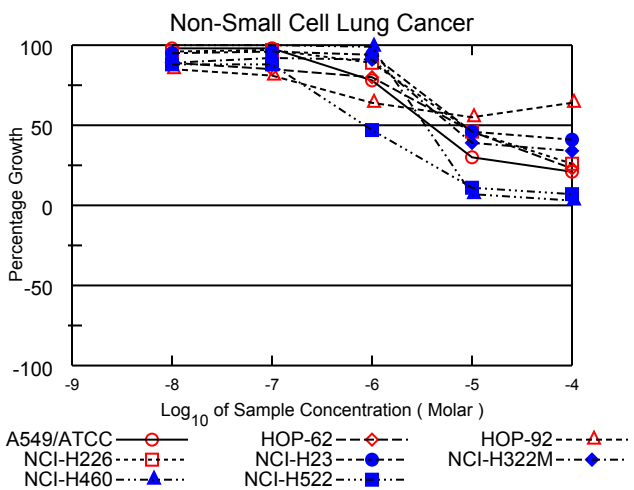
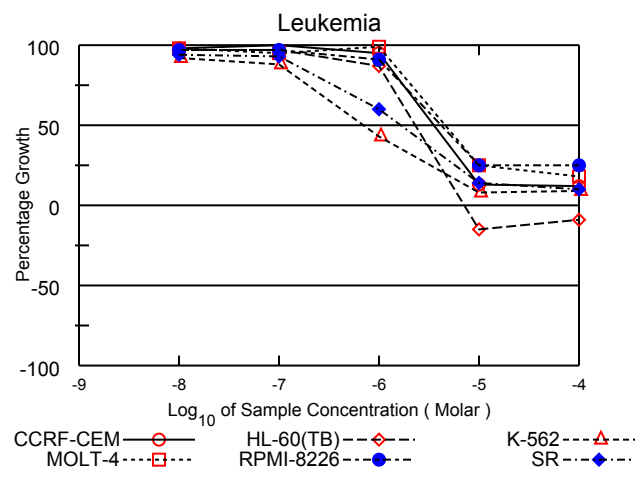
Test Date:September 09, 2013

All Cell Lines



**S774736**

Log<sub>10</sub> of Sample Concentration (Molar)



# National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 774736 / 1	Experiment ID : 1309NS64	Test Type : 08	Units : Molar
Report Date : December 09, 2013	Test Date : September 09, 2013	QNS :	MC :
COMI : NMR/22290048 (129487)	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			
<b>Leukemia</b>															
CCRF-CEM	0.719	3.261	3.198	3.248	3.124	1.047	1.025	98	100	95	13	12	3.52E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.687	2.920	2.864	2.849	2.622	0.586	0.628	97	97	87	-15	-9	2.30E-6	> 7.16E-6	> 1.00E-4
K-562	0.270	2.033	1.889	1.822	1.032	0.403	0.434	92	88	43	8	9	7.06E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.800	3.081	3.026	2.974	3.066	1.374	1.203	98	95	99	25	18	4.62E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	0.897	2.791	2.740	2.728	2.620	1.364	1.374	97	97	91	25	25	4.15E-6	> 1.00E-4	> 1.00E-4
SR	0.363	1.660	1.578	1.571	1.145	0.542	0.494	94	93	60	14	10	1.66E-6	> 1.00E-4	> 1.00E-4
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.429	2.160	2.133	2.123	1.778	0.953	0.798	98	98	78	30	21	3.85E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.530	1.159	1.088	1.068	1.031	0.818	0.673	89	85	80	46	23	7.49E-6	> 1.00E-4	> 1.00E-4
HOP-92	1.034	1.597	1.514	1.492	1.392	1.345	1.392	85	81	64	55	64	> 1.00E-4	> 1.00E-4	> 1.00E-4
NCI-H226	1.344	2.827	2.767	2.775	2.662	2.029	1.731	96	97	89	46	26	8.13E-6	> 1.00E-4	> 1.00E-4
NCI-H23	0.703	2.083	2.012	2.023	2.004	1.339	1.262	95	96	94	46	41	8.29E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.872	2.001	1.875	1.906	1.897	1.317	1.259	89	92	91	39	34	6.23E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.156	1.766	1.906	1.913	1.748	0.263	0.209	109	109	99	7	3	3.39E-6	> 1.00E-4	> 1.00E-4
NCI-H522	1.015	2.266	2.119	2.111	1.607	1.159	1.107	88	88	47	11	7	8.57E-7	> 1.00E-4	> 1.00E-4
<b>Colon Cancer</b>															
COLO 205	0.422	1.550	1.527	1.523	1.419	0.292	0.098	98	98	88	-31	-77	2.10E-6	5.50E-6	2.61E-5
HCC-2998	0.380	1.351	1.349	1.354	1.302	0.547	0.453	100	100	95	17	8	3.79E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.223	2.209	2.121	2.115	1.881	0.474	0.301	96	95	83	13	4	2.97E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.252	1.427	1.364	1.381	1.002	0.505	0.414	95	96	64	21	14	2.12E-6	> 1.00E-4	> 1.00E-4
HT29	0.298	1.584	1.575	1.568	1.454	0.383	0.332	99	99	90	7	3	3.01E-6	> 1.00E-4	> 1.00E-4
KM12	0.339	1.840	1.765	1.766	1.242	0.560	0.428	95	95	60	15	6	1.67E-6	> 1.00E-4	> 1.00E-4
SW-620	0.208	1.491	1.486	1.439	1.081	0.458	0.446	100	96	68	19	19	2.35E-6	> 1.00E-4	> 1.00E-4
<b>CNS Cancer</b>															
SF-268	0.630	1.863	1.783	1.751	1.683	1.115	0.984	94	91	85	39	29	5.86E-6	> 1.00E-4	> 1.00E-4
SF-295	1.089	2.833	2.741	2.793	2.261	1.209	0.917	95	98	67	7	-16	1.93E-6	2.00E-5	> 1.00E-4
SF-539	0.874	2.494	2.501	2.462	2.181	0.682	0.479	100	98	81	-22	-45	1.99E-6	6.11E-6	> 1.00E-4
SNB-19	0.803	2.183	2.099	2.095	2.090	1.253	1.230	94	94	93	33	31	5.16E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.673	1.358	1.303	1.286	1.185	0.691	0.669	92	89	75	3	-1	2.20E-6	6.27E-5	> 1.00E-4
U251	0.766	2.598	2.519	2.456	2.433	1.306	1.032	96	92	91	29	15	4.64E-6	> 1.00E-4	> 1.00E-4
<b>Melanoma</b>															
LOX IMVI	0.427	2.696	2.592	2.569	2.312	1.344	1.061	95	94	83	40	28	5.96E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.698	1.271	1.236	1.164	1.066	0.955	0.977	94	81	64	45	49	5.41E-6	> 1.00E-4	> 1.00E-4
M14	0.524	2.283	2.177	2.180	1.825	0.828	0.450	94	94	74	17	-14	2.65E-6	3.55E-5	> 1.00E-4
MDA-MB-435	0.503	2.135	2.072	2.001	0.498	0.220	0.161	96	92	-1	-56	-68	2.82E-7	9.76E-7	7.68E-6
SK-MEL-2	1.302	2.383	2.308	2.353	2.139	1.642	1.443	93	97	77	31	13	3.94E-6	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.643	1.803	1.770	1.793	1.501	1.223	1.089	97	99	74	50	38	1.00E-5	> 1.00E-4	> 1.00E-4
SK-MEL-5	1.012	2.992	2.947	2.960	2.386	1.801	1.278	98	98	69	40	13	4.53E-6	> 1.00E-4	> 1.00E-4
UACC-257	0.873	2.058	2.014	1.992	1.740	1.743	1.455	96	94	73	73	49	9.16E-5	> 1.00E-4	> 1.00E-4
UACC-62	0.789	2.380	2.297	2.341	1.718	1.317	1.201	95	98	58	33	26	2.15E-6	> 1.00E-4	> 1.00E-4
<b>Ovarian Cancer</b>															
IGROV1	0.738	2.357	2.408	2.294	2.076	1.343	0.976	103	96	83	37	15	5.25E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.547	1.771	1.684	1.795	1.650	0.491	0.403	93	102	90	-10	-26	2.51E-6	7.91E-6	> 1.00E-4
OVCAR-4	0.704	1.358	1.346	1.326	1.253	1.028	0.886	98	95	84	50	28	9.68E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.585	1.725	1.711	1.713	1.641	0.889	0.803	99	99	93	27	19	4.42E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.562	2.234	2.244	2.267	2.168	1.273	1.193	101	102	96	43	38	7.25E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.595	1.951	1.929	1.924	1.646	0.837	0.775	98	98	77	18	13	2.89E-6	> 1.00E-4	> 1.00E-4
SK-OV-3	0.550	1.261	1.226	1.244	1.234	0.741	0.612	95	98	96	27	9	4.63E-6	> 1.00E-4	> 1.00E-4
<b>Renal Cancer</b>															
786-0	0.453	1.908	1.893	1.860	1.809	0.819	0.693	99	97	93	25	16	4.31E-6	> 1.00E-4	> 1.00E-4
A498	1.817	2.496	2.319	2.296	1.997	1.559	1.563	74	71	26	-14	-14	2.93E-7	4.47E-6	> 1.00E-4
ACHN	0.389	1.821	1.832	1.787	1.473	1.008	0.739	101	98	76	43	24	6.19E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.937	2.056	2.023	2.013	1.875	0.965	0.969	97	96	84	2	3	2.60E-6	> 1.00E-4	> 1.00E-4
SN12C	0.639	2.165	2.098	2.100	2.069	1.159	1.053	96	96	94	34	27	5.40E-6	> 1.00E-4	> 1.00E-4
TK-10	0.884	1.648	1.584	1.506	1.586	1.350	1.157	92	81	92	61	36	2.73E-5	> 1.00E-4	> 1.00E-4
UO-31	0.668	2.007	1.876	1.879	1.689	1.130	1.167	90	90	76	34	37	4.25E-6	> 1.00E-4	> 1.00E-4
<b>Prostate Cancer</b>															
PC-3	0.538	2.026	2.020	1.947	1.492	0.794	0.795	100	95	64	17	17	2.00E-6	> 1.00E-4	> 1.00E-4
DU-145	0.350	1.350	1.325	1.315	1.386	0.530	0.426	97	97	104	18	8	4.23E-6	> 1.00E-4	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.578	2.392	2.244	2.325	1.941	1.105	0.958	92	96	75	29	21	3.51E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.584	1.386	1.405	1.369	1.359	0.769	0.554	102	98	97	23	-5	4.30E-6	6.57E-5	> 1.00E-4
HS 578T	0.614	1.514	1.439	1.429	1.305	0.662	0.630	92	91	77	5	2	2.37E-6	> 1.00E-4	> 1.00E-4
BT-549	1.051	1.975	1.907	1.889	1.883	1.558	1.039	93	91	90	55	-1	1.22E-5	9.54E-5	> 1.00E-4
T-47D	0.480	0.967	0.940	0.943	0.940	0.749	0.786	94	95	94	55	63	> 1.00E-4	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.805	1.674	1.623	1.613	1.472	0.921	0.892	94	93	77	13	10	2.64E-6	> 1.00E-4	> 1.00E-4

Mean Graphs

Report Date :December 09, 2013

Test Date :September 09, 2013

