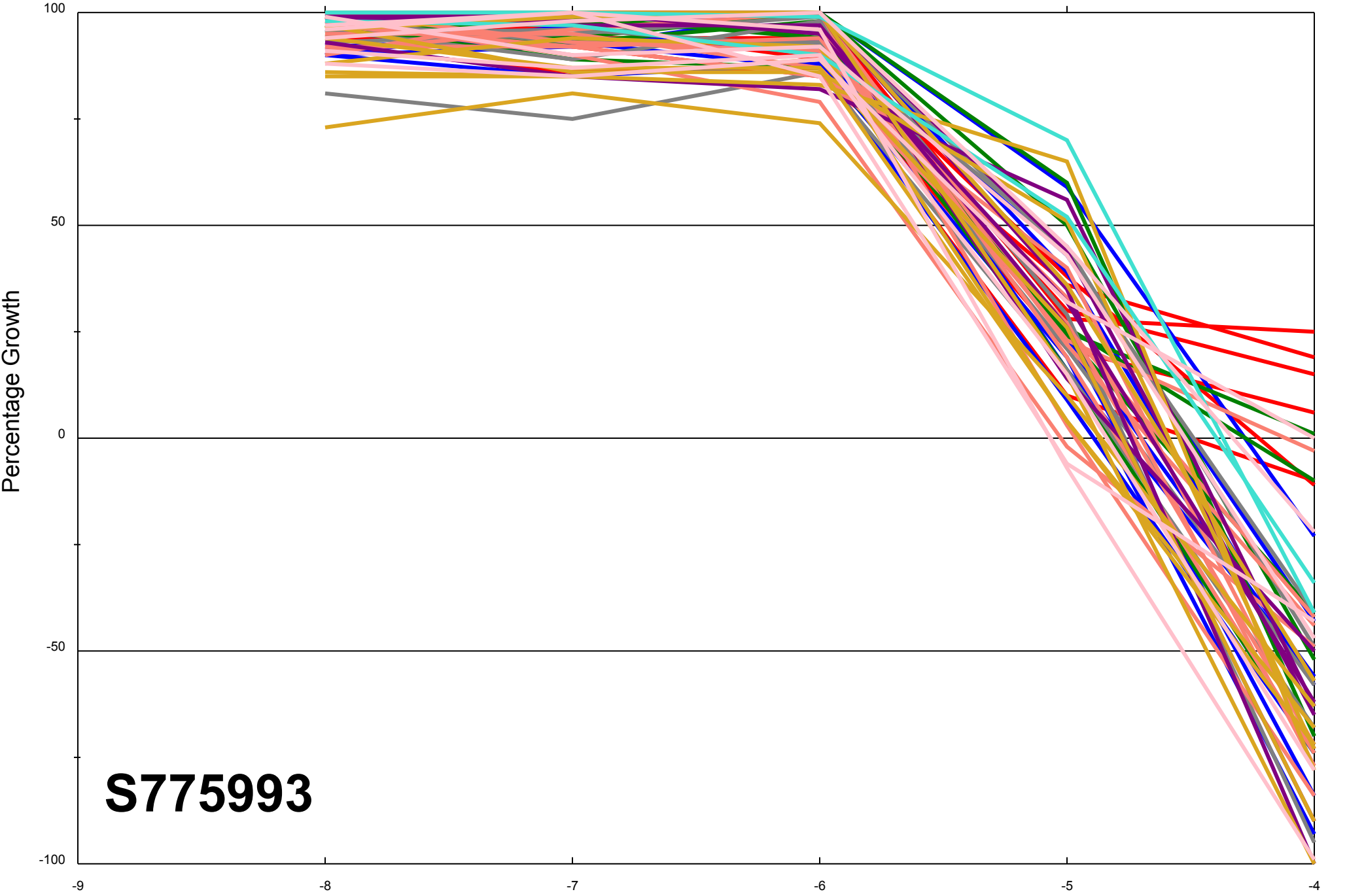


Dose Response Curves

Report Date:February 05, 2014

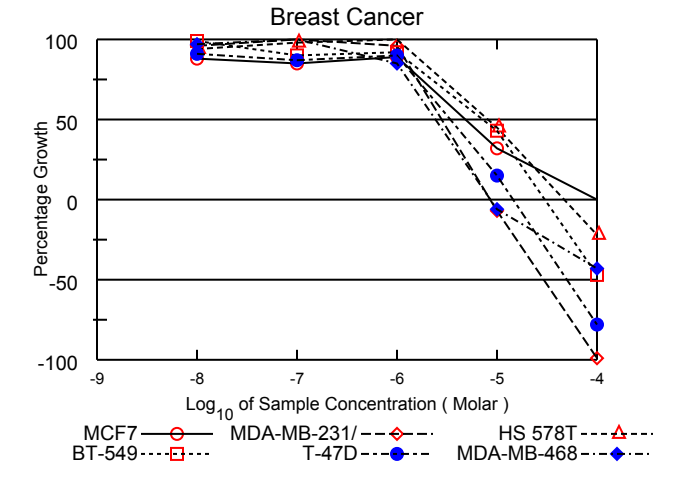
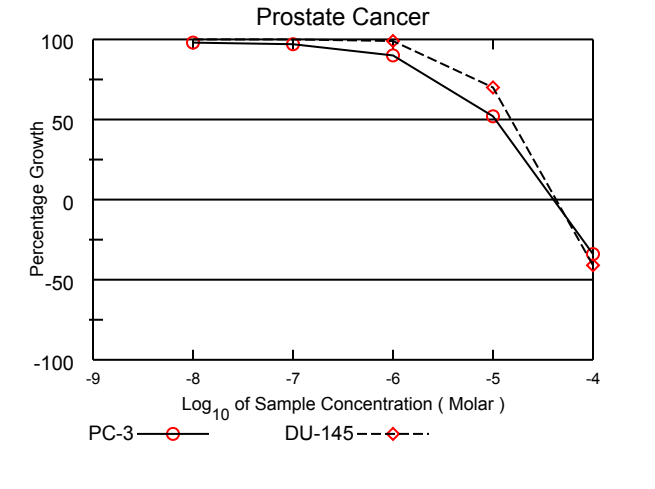
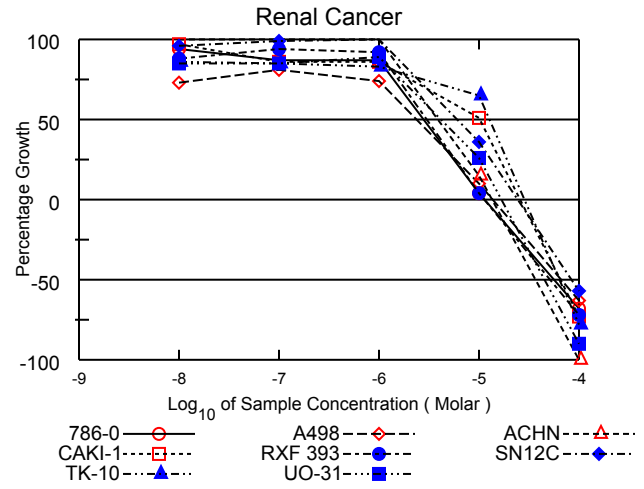
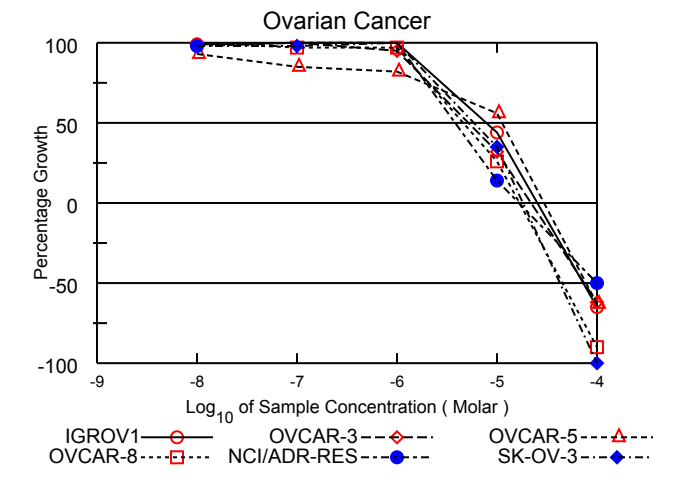
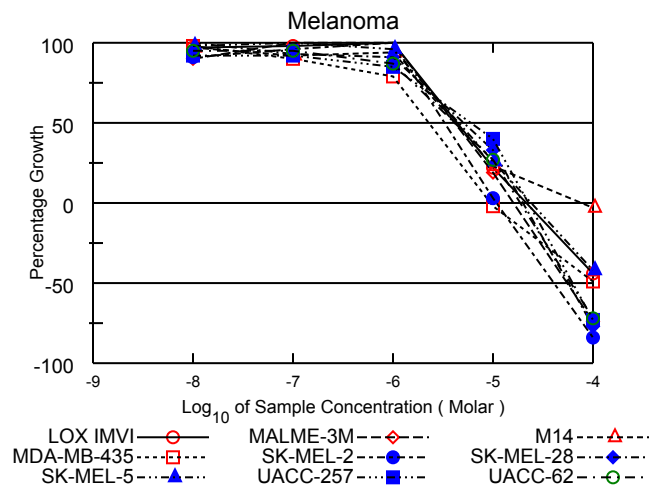
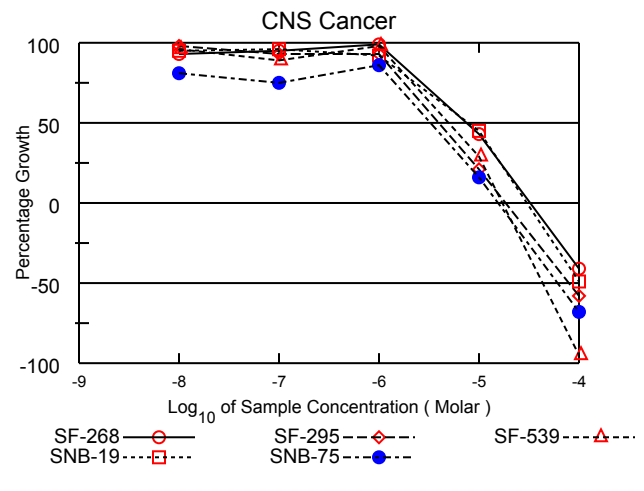
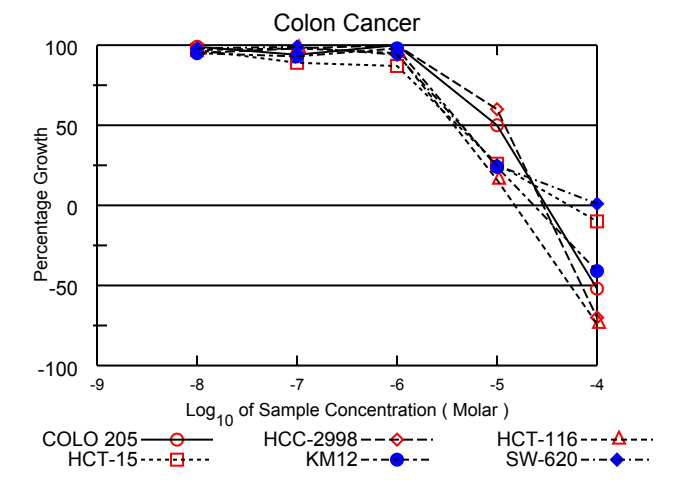
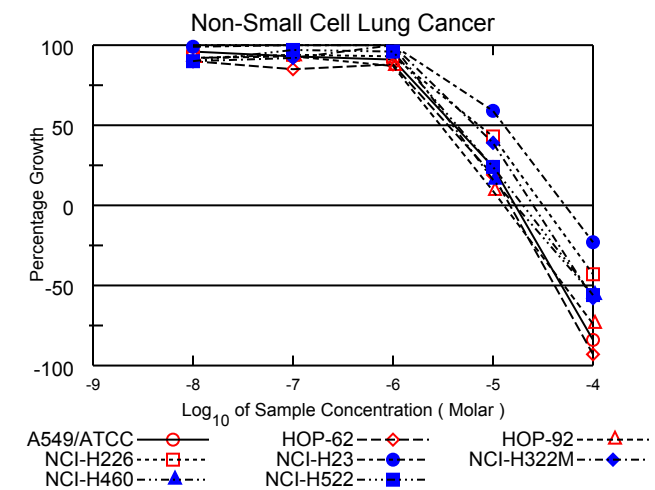
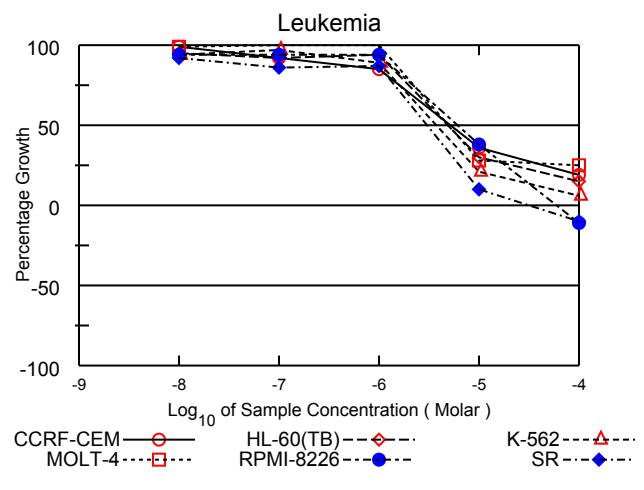
Test Date:November 26, 2013

All Cell Lines



**S775993**

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



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

NSC : 775993 / 1	Experiment ID : 1311NS88	Test Type : 08	Units : Molar
Report Date : February 05, 2014	Test Date : November 26, 2013	QNS :	MC :
COMI : A4503/0192526 (130418)	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	0.466	1.694	1.677	1.593	1.516	0.912	0.696	99	92	85	36	19	5.27E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.959	3.111	2.997	2.931	2.972	1.603	1.275	95	92	94	30	15	4.83E-6	> 1.00E-4	> 1.00E-4
K-562	0.148	1.012	0.957	0.983	0.921	0.326	0.199	94	97	89	21	6	3.74E-6	> 1.00E-4	> 1.00E-4
MOLT-4	0.827	2.609	2.596	2.662	2.601	1.335	1.281	99	103	100	28	25	4.98E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	0.953	2.452	2.365	2.357	2.363	1.518	0.848	94	94	94	38	-11	6.05E-6	5.94E-5	> 1.00E-4
SR	0.396	1.601	1.499	1.435	1.439	0.515	0.356	92	86	87	10	-10	2.99E-6	3.11E-5	> 1.00E-4
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.345	1.828	1.775	1.726	1.691	0.696	0.056	96	93	91	24	-84	4.05E-6	1.66E-5	4.85E-5
HOP-62	0.740	1.902	1.790	1.726	1.762	0.955	0.053	90	85	88	19	-93	3.52E-6	1.47E-5	4.12E-5
HOP-92	1.332	1.885	1.844	1.846	1.812	1.385	0.348	92	93	87	9	-74	2.99E-6	1.30E-5	5.17E-5
NCI-H226	0.778	2.225	2.104	2.136	2.124	1.405	0.445	92	94	93	43	-43	7.34E-6	3.19E-5	> 1.00E-4
NCI-H23	0.516	1.640	1.624	1.653	1.757	1.179	0.400	99	101	110	59	-23	1.29E-5	5.28E-5	> 1.00E-4
NCI-H322M	0.780	1.760	1.658	1.683	1.760	1.160	0.325	90	92	100	39	-58	6.56E-6	2.51E-5	8.21E-5
NCI-H460	0.323	2.998	3.013	3.022	3.056	0.754	0.143	101	101	102	16	-56	4.04E-6	1.67E-5	8.29E-5
NCI-H522	0.929	2.041	1.933	2.011	1.998	1.191	0.407	90	97	96	24	-56	4.32E-6	1.97E-5	8.36E-5
<b>Colon Cancer</b>															
COLO 205	0.488	1.393	1.387	1.337	1.419	0.941	0.236	99	94	103	50	-52	1.00E-5	3.10E-5	9.61E-5
HCC-2998	0.666	2.064	1.994	2.038	2.146	1.512	0.201	95	98	106	60	-70	1.20E-5	2.91E-5	7.05E-5
HCT-116	0.218	2.059	2.011	2.023	1.958	0.510	0.057	97	98	95	16	-74	3.68E-6	1.50E-5	5.40E-5
HCT-15	0.432	2.776	2.699	2.525	2.482	1.045	0.390	97	89	87	26	-10	4.08E-6	5.36E-5	> 1.00E-4
KM12	0.474	2.283	2.186	2.149	2.252	0.907	0.279	95	93	98	24	-41	4.46E-6	2.33E-5	> 1.00E-4
SW-620	0.419	3.010	2.956	2.977	2.848	1.070	0.441	98	99	94	25	1	4.34E-6	> 1.00E-4	> 1.00E-4
<b>CNS Cancer</b>															
SF-268	0.627	1.941	1.844	1.874	1.925	1.195	0.367	93	95	99	43	-41	7.54E-6	3.24E-5	> 1.00E-4
SF-295	0.272	1.165	1.144	1.104	1.105	0.461	0.114	98	93	93	21	-58	3.98E-6	1.85E-5	7.90E-5
SF-539	0.899	2.364	2.307	2.209	2.342	1.319	0.041	96	89	98	29	-95	4.94E-6	1.70E-5	4.30E-5
SNB-19	0.479	1.761	1.701	1.707	1.663	1.061	0.244	95	96	92	45	-49	7.97E-6	3.02E-5	> 1.00E-4
SNB-75	0.883	1.796	1.624	1.566	1.665	1.034	0.279	81	75	86	16	-68	3.28E-6	1.56E-5	6.07E-5
<b>Melanoma</b>															
LOX IMVI	0.315	2.097	2.053	2.070	2.179	0.713	0.176	97	98	105	22	-44	4.61E-6	2.16E-5	> 1.00E-4
MALME-3M	0.583	0.845	0.820	0.846	0.896	0.633	0.151	90	100	119	19	-74	4.90E-6	1.60E-5	5.51E-5
M14	0.417	1.605	1.568	1.508	1.535	0.696	0.403	97	92	94	23	-3	4.21E-6	7.50E-5	> 1.00E-4
MDA-MB-435	0.513	2.456	2.420	2.257	2.041	0.505	0.261	98	90	79	-2	-49	2.27E-6	9.54E-6	> 1.00E-4
SK-MEL-2	1.188	2.015	1.936	1.978	2.036	1.214	0.192	91	96	103	3	-84	3.38E-6	1.09E-5	4.08E-5
SK-MEL-28	0.511	1.271	1.277	1.221	1.199	0.760	0.120	101	93	91	33	-77	5.03E-6	1.99E-5	5.71E-5
SK-MEL-5	0.934	3.282	3.242	3.274	3.184	1.542	0.546	98	100	96	26	-42	4.52E-6	2.42E-5	> 1.00E-4
UACC-257	0.922	2.122	2.021	2.025	1.947	1.406	0.250	92	92	85	40	-73	6.10E-6	2.27E-5	6.27E-5
UACC-62	0.673	2.709	2.599	2.599	2.451	1.215	0.188	95	95	87	27	-72	4.12E-6	1.86E-5	5.97E-5
<b>Ovarian Cancer</b>															
IGROV1	0.579	1.897	1.886	1.921	1.910	1.163	0.204	99	102	101	44	-65	7.93E-6	2.55E-5	7.31E-5
OVCAR-3	0.441	1.529	1.517	1.526	1.475	0.790	0.169	99	100	95	32	-62	5.18E-6	2.20E-5	7.51E-5
OVCAR-5	0.518	1.216	1.165	1.108	1.091	0.909	0.192	93	85	82	56	-63	1.12E-5	2.95E-5	7.77E-5
OVCAR-8	0.398	1.795	1.816	1.752	1.751	0.760	0.041	101	97	97	26	-90	4.57E-6	1.67E-5	4.53E-5
NCI/ADR-RES	0.489	1.585	1.558	1.631	1.665	0.646	0.246	98	104	107	14	-50	4.13E-6	1.67E-5	> 1.00E-4
SK-OV-3	0.803	1.425	1.414	1.412	1.431	1.023	-0.085	98	98	101	35	-100	5.97E-6	1.82E-5	4.27E-5
<b>Renal Cancer</b>															
786-0	0.608	2.261	2.166	2.052	2.045	0.670	0.193	94	87	87	4	-68	2.78E-6	1.13E-5	5.57E-5
A498	1.580	2.281	2.089	2.145	2.100	1.652	0.577	73	81	74	10	-63	2.39E-6	1.38E-5	6.56E-5
ACHN	0.336	1.263	1.300	1.270	1.305	0.476	-0.047	104	101	105	15	-100	4.07E-6	1.35E-5	3.68E-5
CAKI-1	0.654	2.944	2.867	2.617	2.621	1.823	0.179	97	86	86	51	-73	1.02E-5	2.59E-5	6.56E-5
RXF 393	1.029	1.579	1.513	1.545	1.537	1.050	0.290	88	94	92	4	-72	3.01E-6	1.12E-5	5.15E-5
SN12C	0.801	2.635	2.566	2.623	2.665	1.464	0.348	96	99	102	36	-57	6.14E-6	2.45E-5	8.48E-5
TK-10	1.211	2.311	2.161	2.141	2.123	1.927	0.271	86	85	83	65	-78	1.28E-5	2.86E-5	6.40E-5
UO-31	0.769	2.010	1.825	1.819	1.870	1.089	0.079	85	85	89	26	-90	4.12E-6	1.67E-5	4.53E-5
<b>Prostate Cancer</b>															
PC-3	0.649	2.112	2.075	2.066	1.963	1.412	0.429	98	97	90	52	-34	1.06E-5	4.03E-5	> 1.00E-4
DU-145	0.404	1.541	1.544	1.553	1.526	1.195	0.239	100	101	99	70	-41	1.50E-5	4.26E-5	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.762	2.966	2.702	2.635	2.718	1.468	0.761	88	85	89	32	.	4.82E-6	9.86E-5	> 1.00E-4
MDA-MB-231/ATCC	0.581	1.292	1.260	1.297	1.265	0.542	0.005	96	101	96	-7	-99	2.81E-6	8.59E-6	2.93E-5
HS 578T	1.496	2.508	2.446	2.491	2.510	1.947	1.172	94	98	100	45	-22	7.97E-6	4.71E-5	> 1.00E-4
BT-549	0.679	1.583	1.574	1.490	1.510	1.069	0.362	99	90	92	43	-47	7.21E-6	3.02E-5	> 1.00E-4
T-47D	0.859	1.706	1.626	1.595	1.621	0.983	0.191	91	87	90	15	-78	7.39E-6	1.44E-5	5.00E-5
MDA-MB-468	0.730	1.351	1.335	1.353	1.258	0.688	0.419	97	100	85	-6	-43	2.43E-6	8.64E-6	> 1.00E-4

Mean Graphs

Report Date :February 05, 2014

Test Date :November 26, 2013

