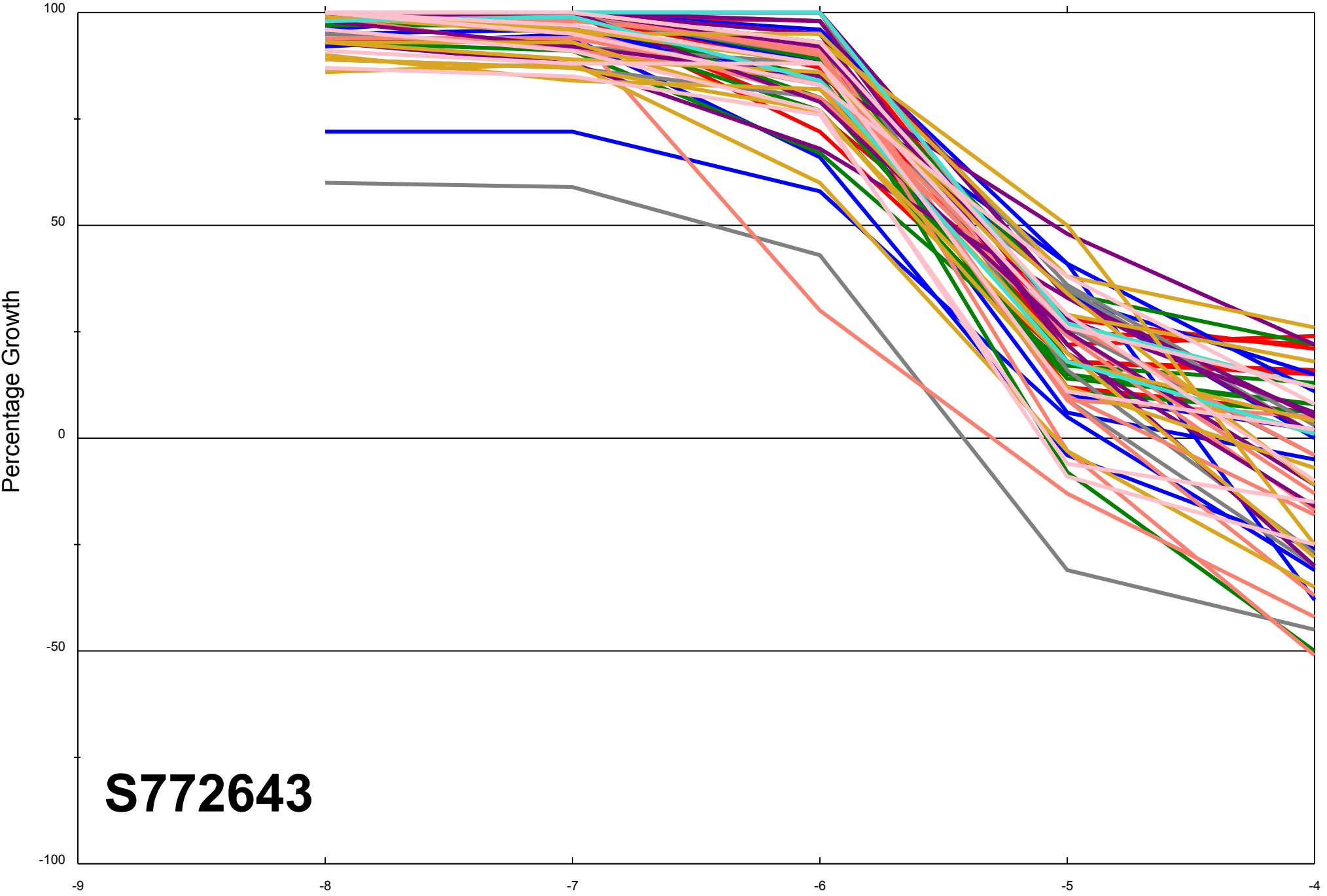


Dose Response Curves

Report Date:December 09, 2013

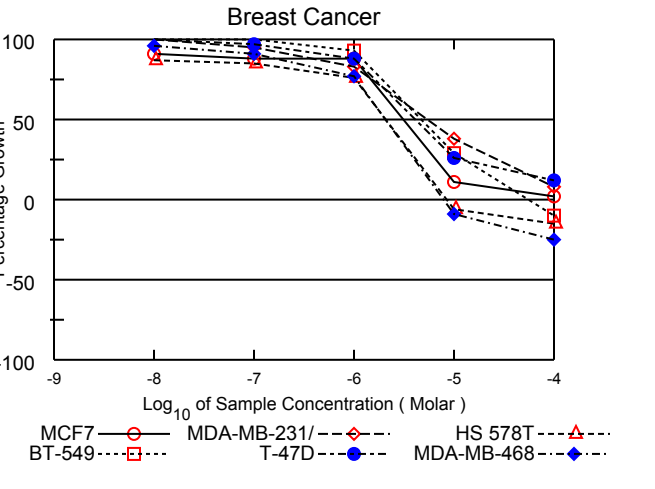
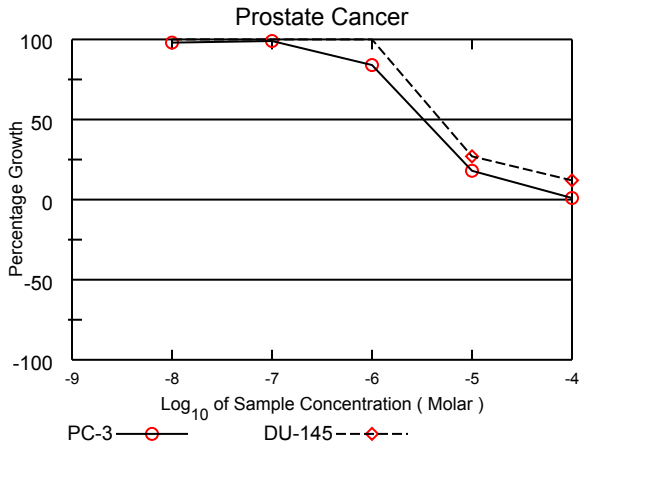
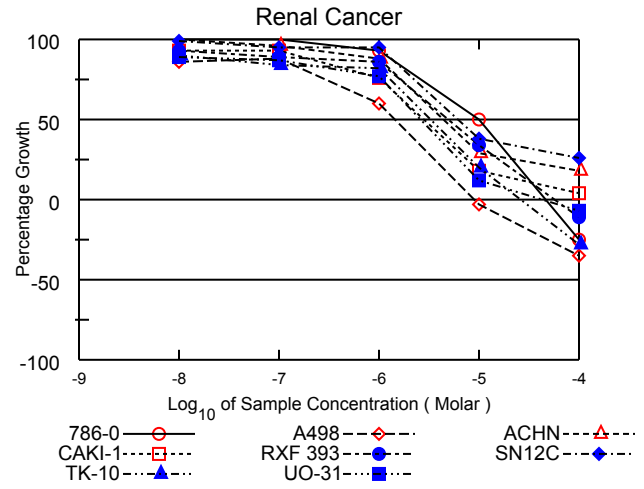
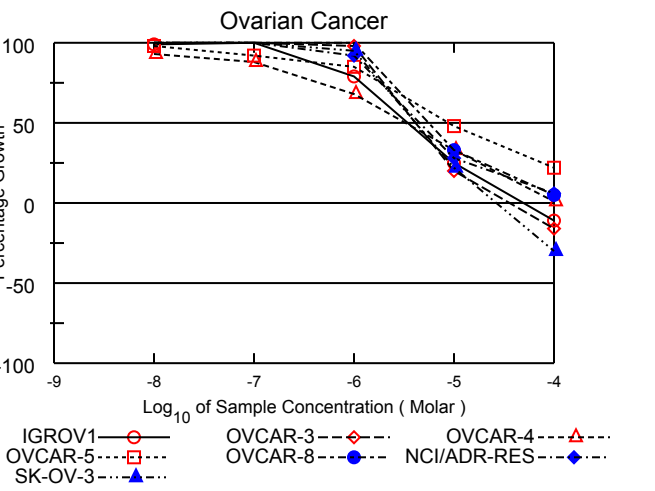
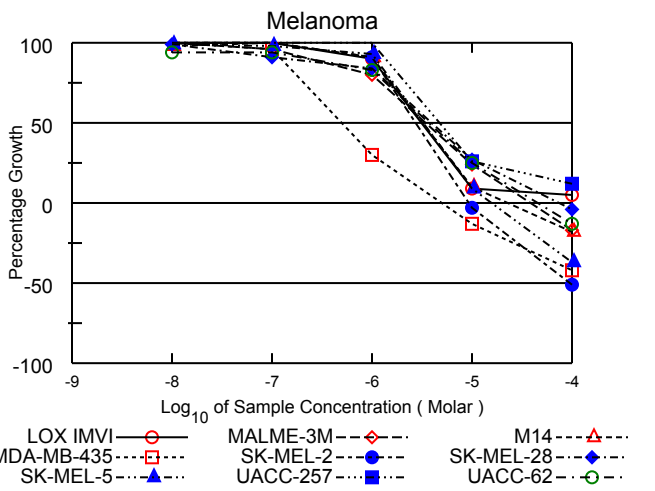
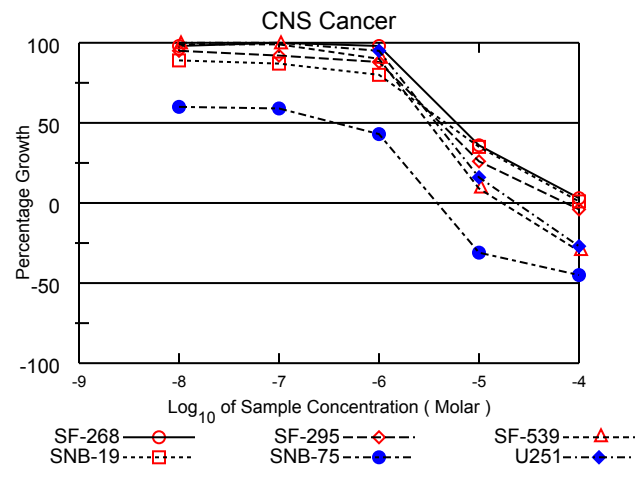
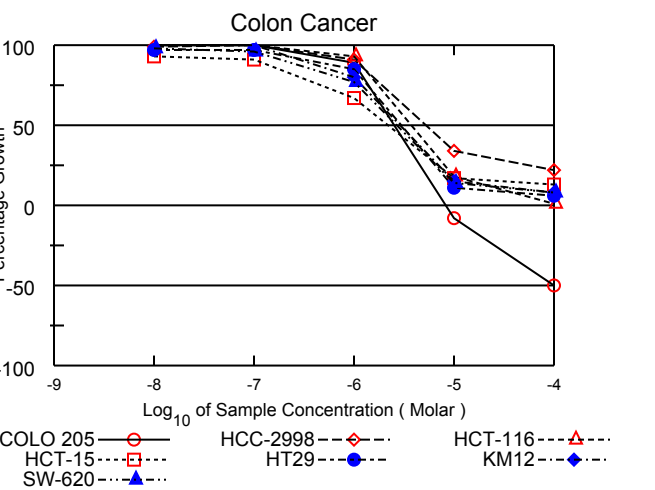
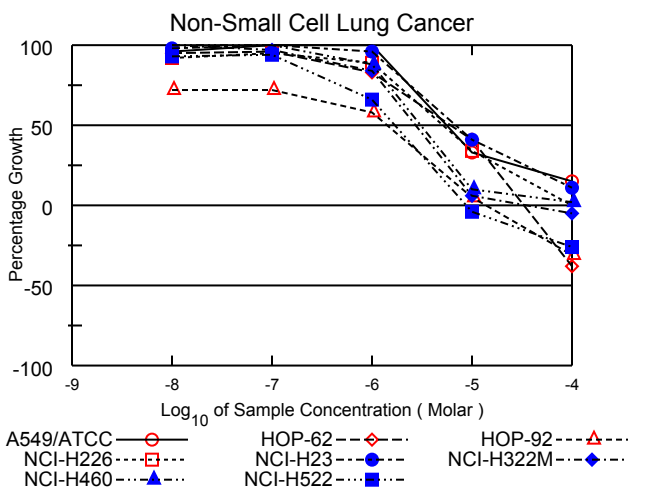
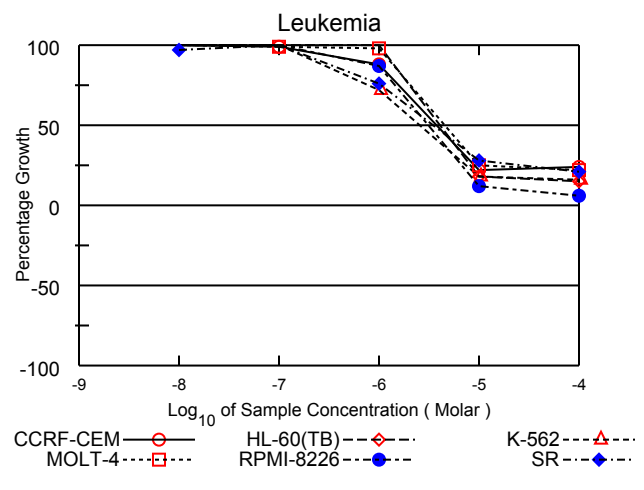
Test Date:May 13, 2013

All Cell Lines



**S772643**

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



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

NSC : 772643 / 1	Experiment ID : 1305NS81	Test Type : 08	Units : Molar
Report Date : December 09, 2013	Test Date : May 13, 2013	QNS :	MC :
COMI : A1099/0051637 (125990)	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	0.446	2.168	2.205	2.150	1.967	0.829	0.856	102	99	88	22	24	3.80E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.793	2.908	2.946	3.033	2.927	1.165	1.102	102	106	101	18	15	4.08E-6	> 1.00E-4	> 1.00E-4
K-562	0.161	1.854	2.026	2.055	1.379	0.465	0.426	110	112	72	18	16	2.55E-6	> 1.00E-4	> 1.00E-4
MOLT-4	0.551	2.416	2.506	2.396	2.387	1.014	0.965	105	99	98	25	22	4.55E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	0.787	2.570	2.681	2.752	2.341	1.000	0.900	106	110	87	12	6	3.12E-6	> 1.00E-4	> 1.00E-4
SR	0.256	1.188	1.164	1.226	0.962	0.515	0.450	97	104	76	28	21	3.44E-6	> 1.00E-4	> 1.00E-4
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.392	1.416	1.377	1.477	1.444	0.730	0.547	96	106	103	33	15	5.70E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.547	1.237	1.201	1.210	1.122	0.832	0.340	95	96	83	41	-38	6.20E-6	3.32E-5	> 1.00E-4
HOP-92	0.890	1.410	1.266	1.267	1.191	0.917	0.612	72	72	58	5	-31	1.41E-6	1.39E-5	> 1.00E-4
NCI-H226	0.897	1.687	1.620	1.644	1.599	1.167	0.895	92	95	89	34	.	5.14E-6	9.85E-5	> 1.00E-4
NCI-H23	0.782	2.281	2.248	2.286	2.217	1.402	0.949	98	100	96	41	11	6.93E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.777	1.651	1.664	1.624	1.516	0.833	0.736	101	97	84	6	-5	2.76E-6	3.53E-5	> 1.00E-4
NCI-H460	0.256	2.909	2.942	2.915	2.596	0.510	0.312	101	100	88	10	2	3.06E-6	> 1.00E-4	> 1.00E-4
NCI-H522	1.002	1.987	1.916	1.930	1.651	0.958	0.744	93	94	66	-4	-26	1.68E-6	8.66E-6	> 1.00E-4
<b>Colon Cancer</b>															
COLO 205	0.552	2.325	2.377	2.392	2.134	0.506	0.276	103	104	89	-8	-50	2.52E-6	8.21E-6	9.95E-5
HCC-2998	0.620	2.521	2.509	2.566	2.358	1.261	1.032	99	102	91	34	22	5.22E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.244	2.194	2.216	2.225	2.051	0.588	0.273	101	102	93	18	1	3.70E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.335	2.135	2.014	1.980	1.541	0.644	0.564	93	91	67	17	13	2.19E-6	> 1.00E-4	> 1.00E-4
HT29	0.267	1.430	1.390	1.399	1.256	0.396	0.336	97	97	85	11	6	2.98E-6	> 1.00E-4	> 1.00E-4
KM12	0.649	2.784	2.812	2.920	2.358	0.977	0.830	101	106	80	15	8	2.91E-6	> 1.00E-4	> 1.00E-4
SW-620	0.291	2.082	2.045	2.013	1.676	0.540	0.441	98	96	77	14	8	2.70E-6	> 1.00E-4	> 1.00E-4
<b>CNS Cancer</b>															
SF-268	0.542	1.724	1.705	1.774	1.698	0.973	0.580	98	104	98	36	3	6.02E-6	> 1.00E-4	> 1.00E-4
SF-295	0.947	2.882	2.794	2.736	2.653	1.444	0.911	95	92	88	26	-4	4.08E-6	7.43E-5	> 1.00E-4
SF-539	1.010	3.045	3.025	3.024	2.832	1.194	0.711	99	99	90	9	-30	3.10E-6	1.71E-5	> 1.00E-4
SNB-19	0.824	2.262	2.101	2.080	1.974	1.333	0.834	89	87	80	35	1	4.70E-6	> 1.00E-4	> 1.00E-4
SNB-75	1.116	1.538	1.370	1.366	1.297	0.772	0.618	60	59	43	-31	-45	3.69E-7	3.82E-6	> 1.00E-4
U251	0.544	1.878	1.885	1.963	1.816	0.762	0.398	101	106	95	16	-27	3.75E-6	2.39E-5	> 1.00E-4
<b>Melanoma</b>															
LOX IMVI	0.253	1.886	1.901	1.886	1.728	0.404	0.337	101	100	90	9	5	3.14E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.647	1.035	1.055	1.020	0.959	0.740	0.539	105	96	80	24	-17	3.46E-6	3.89E-5	> 1.00E-4
M14	0.568	2.421	2.386	2.450	2.249	0.754	0.469	98	102	91	10	-18	3.20E-6	2.31E-5	> 1.00E-4
MDA-MB-435	0.566	2.373	2.390	2.300	1.110	0.493	0.327	101	96	30	-13	-42	4.98E-7	5.01E-6	> 1.00E-4
SK-MEL-2	0.808	1.445	1.461	1.491	1.385	0.786	0.399	103	107	91	-3	-51	2.72E-6	9.34E-6	9.68E-5
SK-MEL-28	0.560	1.482	1.471	1.399	1.333	0.812	0.539	99	91	84	27	-4	3.97E-6	7.53E-5	> 1.00E-4
SK-MEL-5	0.694	3.035	3.005	2.995	2.861	0.895	0.439	99	98	93	9	-37	3.21E-6	1.55E-5	> 1.00E-4
UACC-257	0.928	1.665	1.726	1.765	1.706	1.117	1.013	108	114	106	26	12	4.96E-6	> 1.00E-4	> 1.00E-4
UACC-62	0.977	2.744	2.640	2.638	2.449	1.426	0.850	94	94	83	25	-13	3.76E-6	4.59E-5	> 1.00E-4
<b>Ovarian Cancer</b>															
IGROV1	0.568	1.349	1.339	1.346	1.184	0.762	0.504	99	100	79	25	-11	3.43E-6	4.86E-5	> 1.00E-4
OVCAR-3	0.604	1.836	1.878	1.931	1.814	0.852	0.507	103	108	98	20	-16	4.14E-6	3.60E-5	> 1.00E-4
OVCAR-4	0.407	0.930	0.891	0.868	0.763	0.582	0.411	93	88	68	33	1	3.32E-6	> 1.00E-4	> 1.00E-4
OVCAR-5	0.500	1.514	1.492	1.429	1.366	0.992	0.727	98	92	85	48	22	9.09E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.523	1.579	1.657	1.698	1.694	0.868	0.578	107	111	111	33	5	6.00E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.527	1.895	1.909	1.971	1.779	0.916	0.609	101	106	92	28	6	4.55E-6	> 1.00E-4	> 1.00E-4
SK-OV-3	0.671	1.667	1.708	1.710	1.619	0.891	0.468	104	104	95	22	-30	4.15E-6	2.64E-5	> 1.00E-4
<b>Renal Cancer</b>															
786-0	0.796	2.710	2.746	2.745	2.572	1.744	0.599	102	102	93	50	-25	9.76E-6	4.64E-5	> 1.00E-4
A498	1.617	2.529	2.398	2.424	2.160	1.561	1.046	86	88	60	-3	-35	1.42E-6	8.80E-6	> 1.00E-4
ACHN	0.402	2.077	2.071	2.012	1.873	0.896	0.705	100	96	88	29	18	4.45E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.866	2.708	2.586	2.583	2.272	1.190	0.948	93	93	76	18	4	2.80E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.973	1.866	1.804	1.771	1.737	1.280	0.862	93	89	86	34	-11	4.95E-6	5.64E-5	> 1.00E-4
SN12C	0.764	2.924	2.893	2.819	2.810	1.575	1.324	99	95	95	38	26	6.05E-6	> 1.00E-4	> 1.00E-4
TK-10	0.767	1.449	1.381	1.342	1.327	0.901	0.552	90	84	82	20	-28	3.27E-6	2.58E-5	> 1.00E-4
UO-31	0.656	1.806	1.682	1.654	1.546	0.792	0.612	89	87	77	12	-7	2.62E-6	4.31E-5	> 1.00E-4
<b>Prostate Cancer</b>															
PC-3	0.803	1.935	1.907	1.927	1.749	1.012	0.811	98	99	84	18	1	3.28E-6	> 1.00E-4	> 1.00E-4
DU-145	0.417	1.658	1.740	1.777	1.677	0.750	0.565	107	110	102	27	12	4.89E-6	> 1.00E-4	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.588	2.384	2.225	2.164	2.164	0.783	0.623	91	88	88	11	2	3.10E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.610	1.697	1.699	1.648	1.511	1.024	0.694	100	95	83	38	8	5.42E-6	> 1.00E-4	> 1.00E-4
HS 578T	1.511	2.390	2.275	2.260	2.176	1.424	1.290	87	85	76	-6	-15	2.07E-6	8.50E-6	> 1.00E-4
BT-549	1.110	2.488	2.526	2.544	2.385	1.512	1.002	103	104	93	29	-10	4.69E-6	5.62E-5	> 1.00E-4
T-47D	0.779	1.697	1.699	1.672	1.583	1.019	0.889	100	97	88	26	12	4.08E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.742	1.618	1.581	1.541	1.417	0.676	0.555	96	91	77	-9	-25	2.06E-6	7.88E-6	> 1.00E-4

Mean Graphs

Report Date :December 09, 2013

Test Date :May 13, 2013

