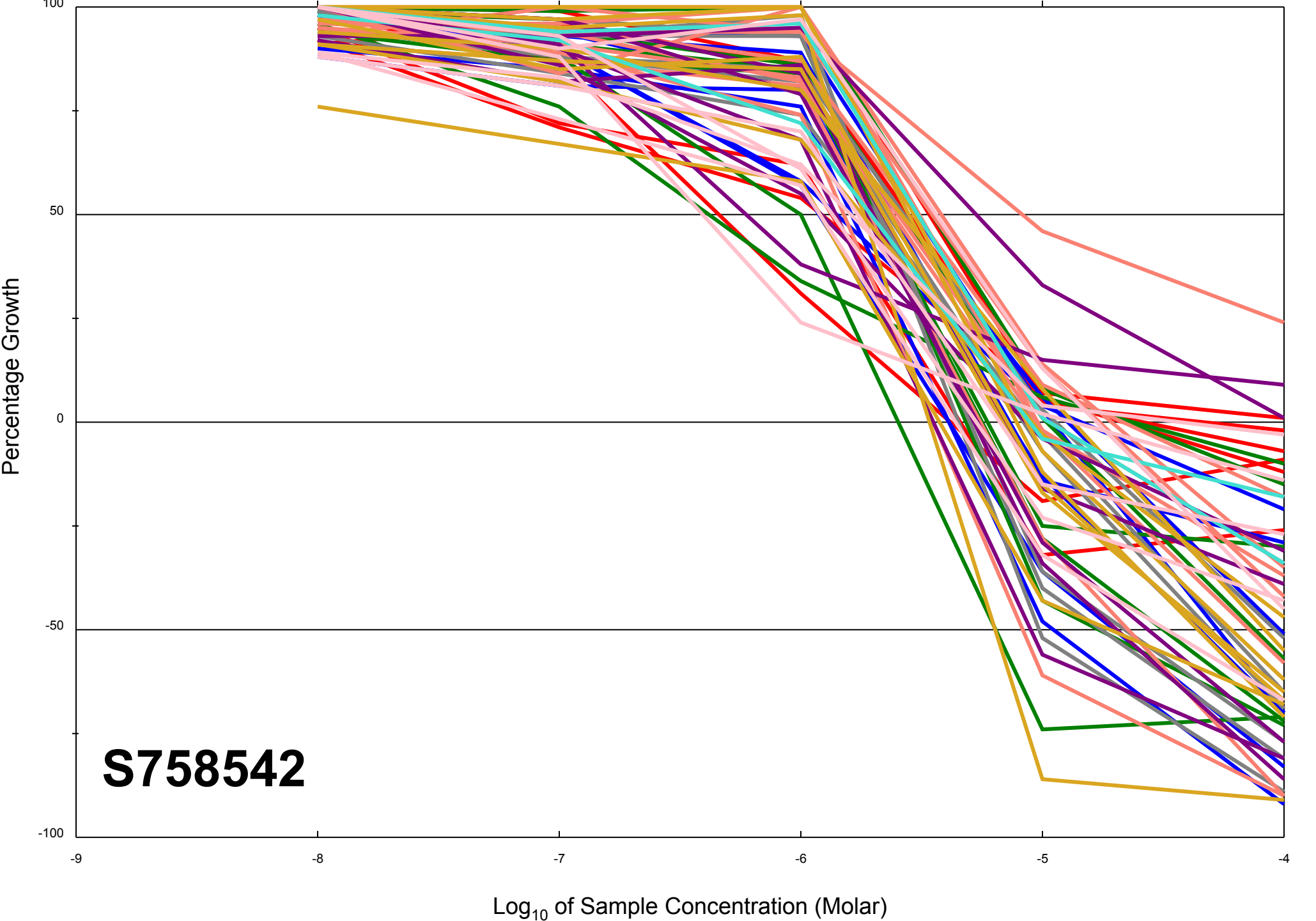


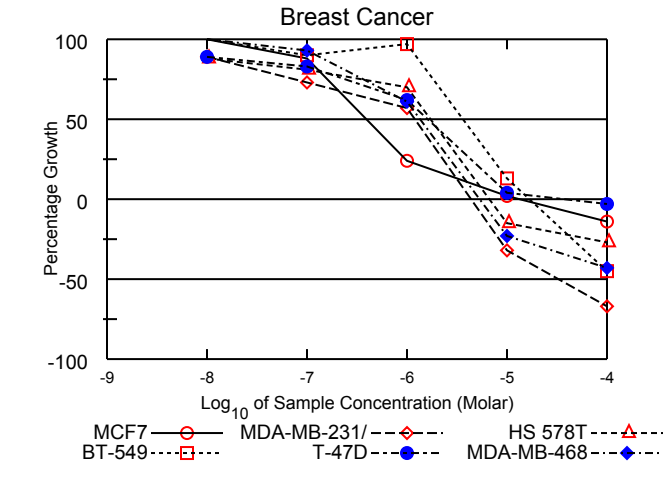
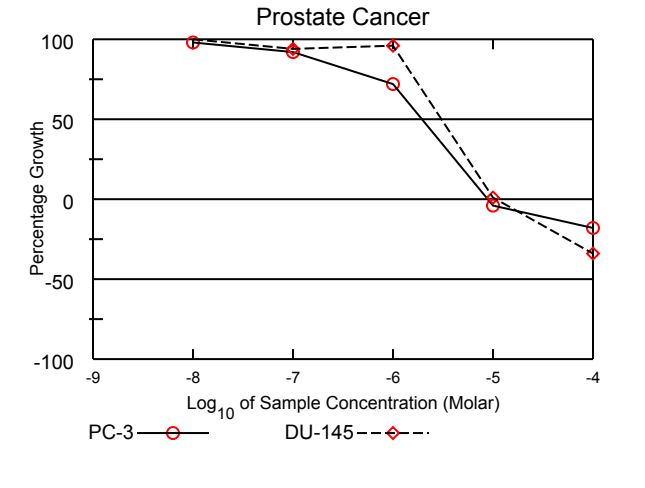
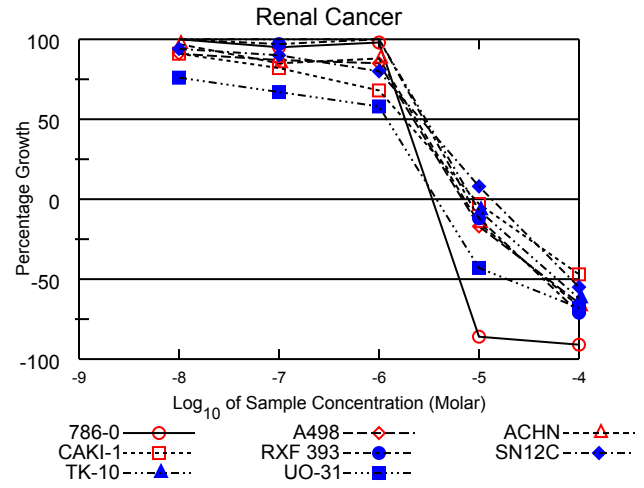
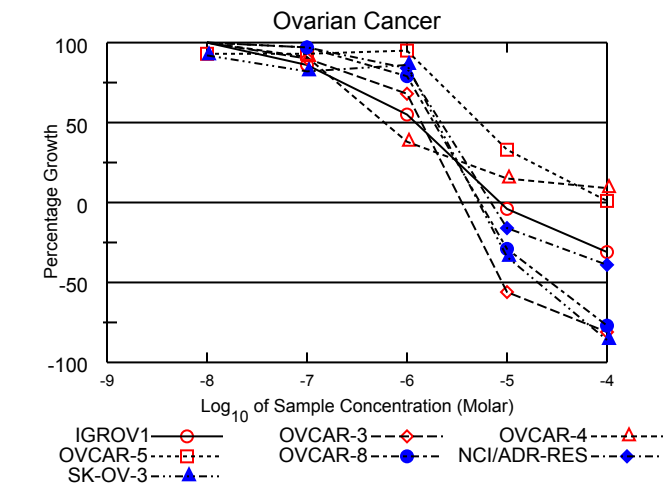
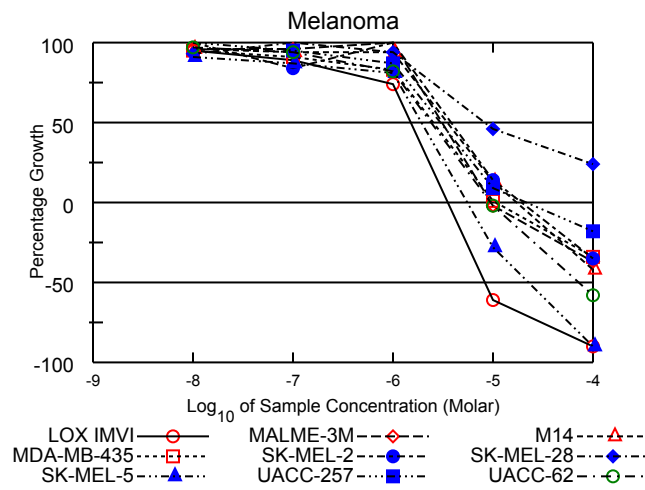
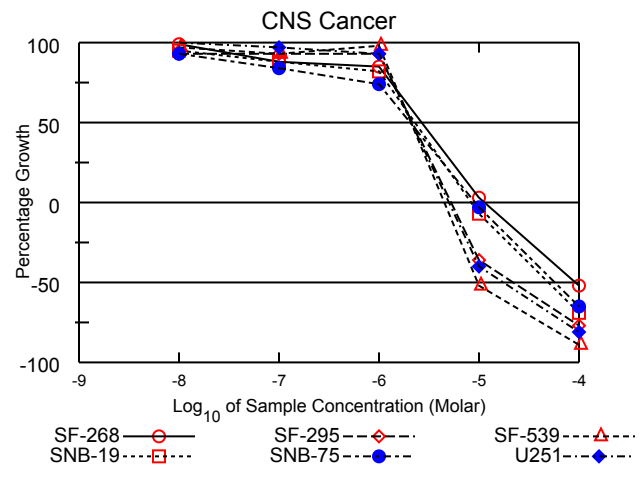
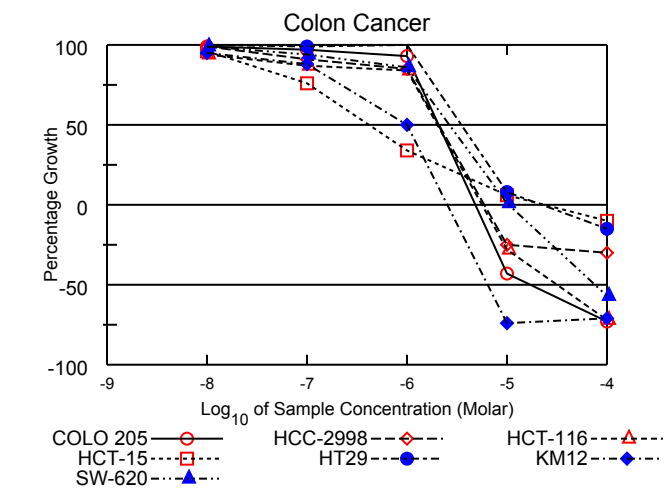
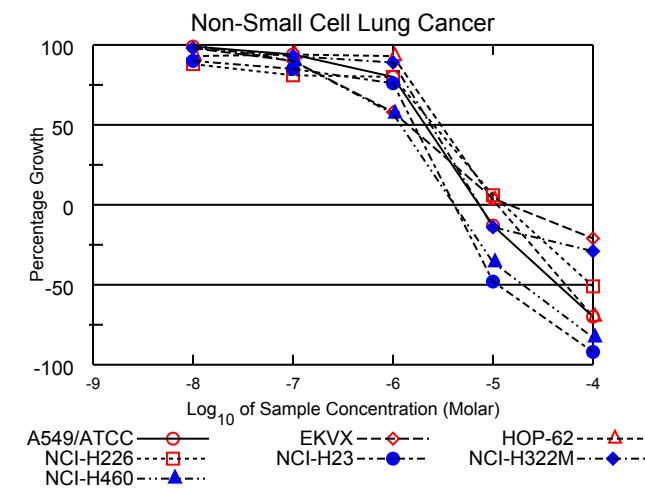
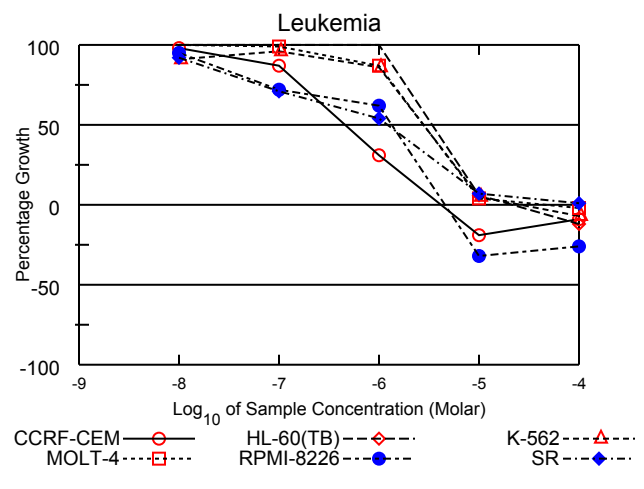
Dose Response Curves

Report Date:December 07, 2011

Test Date:June 27, 2011

All Cell Lines





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

NSC : 758542 / 1	Experiment ID : 1106NS70	Test Type : 08	Units : Molar
Report Date : December 07, 2011	Test Date : June 27, 2011	QNS :	MC :
COMI : A1920/0080743 (105291)	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	0.557	1.588	1.565	1.450	0.874	0.450	0.508	98	87	31	-19	-9	4.52E-7	4.12E-6	> 1.00E-4
HL-60(TB)	0.977	2.759	2.909	2.793	2.848	1.088	0.855	108	102	105	6	-12	3.60E-6	2.15E-5	> 1.00E-4
K-562	0.168	1.094	1.011	1.058	0.966	0.217	0.157	91	96	86	5	-7	2.80E-6	2.71E-5	> 1.00E-4
MOLT-4	0.522	1.636	1.694	1.622	1.495	0.565	0.510	105	99	87	4	-2	2.80E-6	4.14E-5	> 1.00E-4
RPMI-8226	0.384	0.793	0.772	0.680	0.640	0.261	0.286	95	72	62	-32	-26	1.36E-6	4.58E-6	> 1.00E-4
SR	0.374	1.432	1.346	1.127	0.949	0.448	0.384	92	71	54	7	1	1.24E-6	> 1.00E-4	> 1.00E-4
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.333	1.593	1.582	1.517	1.344	0.289	0.100	99	94	80	-13	-70	2.11E-6	7.20E-6	4.42E-5
EKVX	0.707	1.775	1.755	1.670	1.325	0.745	0.561	98	90	58	4	-21	1.40E-6	1.40E-5	> 1.00E-4
HOP-62	0.364	1.091	1.041	1.045	1.038	0.385	0.110	93	94	93	3	-70	2.98E-6	1.09E-5	5.32E-5
NCI-H226	0.752	1.493	1.405	1.352	1.348	0.799	0.371	88	81	80	6	-51	2.57E-6	1.29E-5	9.73E-5
NCI-H23	0.627	1.808	1.690	1.626	1.522	0.326	0.048	90	85	76	-48	-92	1.61E-6	4.09E-6	1.11E-5
NCI-H322M	0.347	0.780	0.774	0.751	0.733	0.298	0.247	98	93	89	-14	-29	2.39E-6	7.28E-6	> 1.00E-4
NCI-H460	0.224	1.752	1.808	1.593	1.103	0.143	0.039	104	90	57	-36	-83	1.20E-6	4.10E-6	1.97E-5
<b>Colon Cancer</b>															
COLO 205	0.246	1.303	1.288	1.271	1.230	0.141	0.067	99	97	93	-43	-73	2.08E-6	4.85E-6	1.74E-5
HCC-2998	0.650	2.224	2.205	2.085	1.989	0.489	0.453	99	91	85	-25	-30	2.08E-6	5.95E-6	> 1.00E-4
HCT-116	0.170	1.270	1.202	1.122	1.089	0.123	0.048	94	87	84	-28	-72	2.00E-6	5.64E-6	3.19E-5
HCT-15	0.310	1.798	1.740	1.447	0.812	0.395	0.278	96	76	34	6	-10	4.16E-7	2.25E-5	> 1.00E-4
HT29	0.223	1.145	1.190	1.140	1.265	0.298	0.189	105	99	113	8	-15	3.99E-6	2.22E-5	> 1.00E-4
KM12	0.398	1.754	1.691	1.592	1.081	0.104	0.116	95	88	50	-74	-71	1.01E-6	2.54E-6	6.42E-6
SW-620	0.189	1.067	1.054	1.016	0.940	0.200	0.081	99	94	86	1	-57	2.64E-6	1.05E-5	7.48E-5
<b>CNS Cancer</b>															
SF-268	0.327	0.997	0.993	0.914	0.894	0.348	0.158	99	88	85	3	-52	2.66E-6	1.14E-5	9.32E-5
SF-295	0.783	2.410	2.293	2.301	2.302	0.498	0.178	93	93	93	-36	-77	2.16E-6	5.24E-6	2.14E-5
SF-539	0.824	2.092	2.050	2.000	2.071	0.396	0.093	97	93	98	-52	-89	2.10E-6	4.51E-6	9.70E-5
SNB-19	0.436	1.457	1.408	1.332	1.270	0.404	0.137	95	88	82	-7	-69	2.27E-6	8.27E-6	4.96E-5
SNB-75	0.617	1.473	1.415	1.340	1.254	0.600	0.214	93	84	74	-3	-65	2.07E-6	9.19E-6	5.67E-5
U251	0.291	1.223	1.247	1.199	1.155	0.175	0.055	103	97	93	-40	-81	2.10E-6	5.00E-6	1.76E-5
<b>Melanoma</b>															
LOX IMVI	0.314	1.852	1.773	1.684	1.454	0.124	0.032	95	89	74	-61	-90	1.51E-6	3.55E-6	8.33E-6
MALME-3M	0.544	0.875	0.862	0.862	0.889	0.536	0.341	96	96	104	-2	-37	3.26E-6	9.67E-6	> 1.00E-4
M14	0.369	1.379	1.339	1.324	1.322	0.500	0.215	96	94	94	13	-42	3.50E-6	1.72E-5	> 1.00E-4
MDA-MB-435	0.384	1.801	1.724	1.675	1.563	0.398	0.254	95	91	83	1	-34	2.53E-6	1.07E-5	> 1.00E-4
SK-MEL-2	0.846	1.597	1.638	1.479	1.653	0.950	0.554	105	84	107	14	-35	4.11E-6	1.93E-5	> 1.00E-4
SK-MEL-28	0.321	1.067	1.015	1.075	1.024	0.666	0.502	93	101	94	46	24	8.35E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.644	2.006	1.879	1.824	1.750	0.465	0.062	91	87	81	-28	-90	1.93E-6	5.55E-6	2.26E-5
UACC-257	0.691	1.385	1.451	1.350	1.295	0.750	0.568	110	95	87	9	-18	2.96E-6	2.10E-5	> 1.00E-4
UACC-62	0.566	2.220	2.164	2.119	1.926	0.556	0.241	97	94	82	-2	-58	2.42E-6	9.50E-6	7.33E-5
<b>Ovarian Cancer</b>															
IGROV1	0.420	1.250	1.272	1.135	0.879	0.402	0.291	103	86	55	-4	-31	1.23E-6	8.44E-6	> 1.00E-4
OVCAR-3	0.433	1.076	1.076	1.014	0.867	0.191	0.081	100	90	68	-56	-81	1.39E-6	3.53E-6	8.96E-6
OVCAR-4	0.396	1.500	1.497	1.402	0.815	0.562	0.492	100	91	38	15	9	5.93E-7	> 1.00E-4	> 1.00E-4
OVCAR-5	0.467	1.212	1.156	1.159	1.177	0.716	0.477	93	93	95	33	1	5.39E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.311	1.275	1.283	1.248	1.072	0.221	0.070	101	97	79	-29	-77	1.85E-6	5.39E-6	2.72E-5
NCI/ADR-RES	0.532	1.661	1.668	1.628	1.478	0.450	0.322	101	97	84	-16	-39	2.19E-6	6.98E-6	> 1.00E-4
SK-OV-3	0.566	1.487	1.418	1.325	1.357	0.374	0.081	92	82	86	-34	-86	1.99E-6	5.21E-6	2.04E-5
<b>Renal Cancer</b>															
786-0	0.607	1.837	1.883	1.774	1.810	0.087	0.056	104	95	98	-86	-91	1.82E-6	3.41E-6	6.39E-6
A498	0.970	1.435	1.395	1.376	1.365	0.808	0.340	91	87	85	-17	-65	2.21E-6	6.85E-6	4.89E-5
ACHN	0.438	1.625	1.587	1.453	1.482	0.374	0.145	97	85	88	-15	-67	2.34E-6	7.20E-6	4.74E-5
CAKI-1	0.599	2.131	1.999	1.852	1.633	0.583	0.315	91	82	68	-3	-47	1.77E-6	9.14E-6	> 1.00E-4
RXF 393	0.605	0.922	0.922	0.914	0.926	0.532	0.173	100	97	101	-12	-71	2.83E-6	7.82E-6	4.35E-5
SN12C	0.469	1.695	1.616	1.575	1.451	0.565	0.211	94	90	80	8	-55	2.61E-6	1.33E-5	8.29E-5
TK-10	0.590	1.179	1.243	1.188	1.232	0.550	0.227	111	101	109	-7	-62	3.23E-6	8.74E-6	6.16E-5
UO-31	0.674	1.461	1.274	1.198	1.135	0.386	0.216	76	67	58	-43	-68	1.21E-6	3.78E-6	1.94E-5
<b>Prostate Cancer</b>															
PC-3	0.524	1.507	1.493	1.434	1.237	0.502	0.432	98	92	72	-4	-18	1.96E-6	8.82E-6	> 1.00E-4
DU-145	0.342	1.105	1.117	1.060	1.072	0.351	0.227	102	94	96	1	-34	3.04E-6	1.08E-5	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.212	1.096	1.099	0.993	0.425	0.234	0.183	100	88	24	2	-14	3.95E-7	1.41E-5	> 1.00E-4
MDA-MB-231/ATCC	0.437	1.097	1.024	0.917	0.810	0.297	0.146	89	73	57	-32	-67	1.19E-6	4.35E-6	3.30E-5
HS 578T	0.898	1.179	1.147	1.126	1.094	0.764	0.659	88	81	70	-15	-27	1.71E-6	6.65E-6	> 1.00E-4
BT-549	0.905	1.717	1.785	1.633	1.689	1.008	0.500	108	90	97	13	-45	3.59E-6	1.66E-5	> 1.00E-4
T-47D	0.448	1.213	1.129	1.086	0.920	0.481	0.435	89	83	62	4	-3	1.60E-6	3.88E-5	> 1.00E-4
MDA-MB-468	0.682	1.387	1.389	1.341	1.111	0.528	0.391	100	93	61	-23	-43	1.35E-6	5.35E-6	> 1.00E-4

Mean Graphs

Report Date :December 07, 2011

Test Date :June 27, 2011

