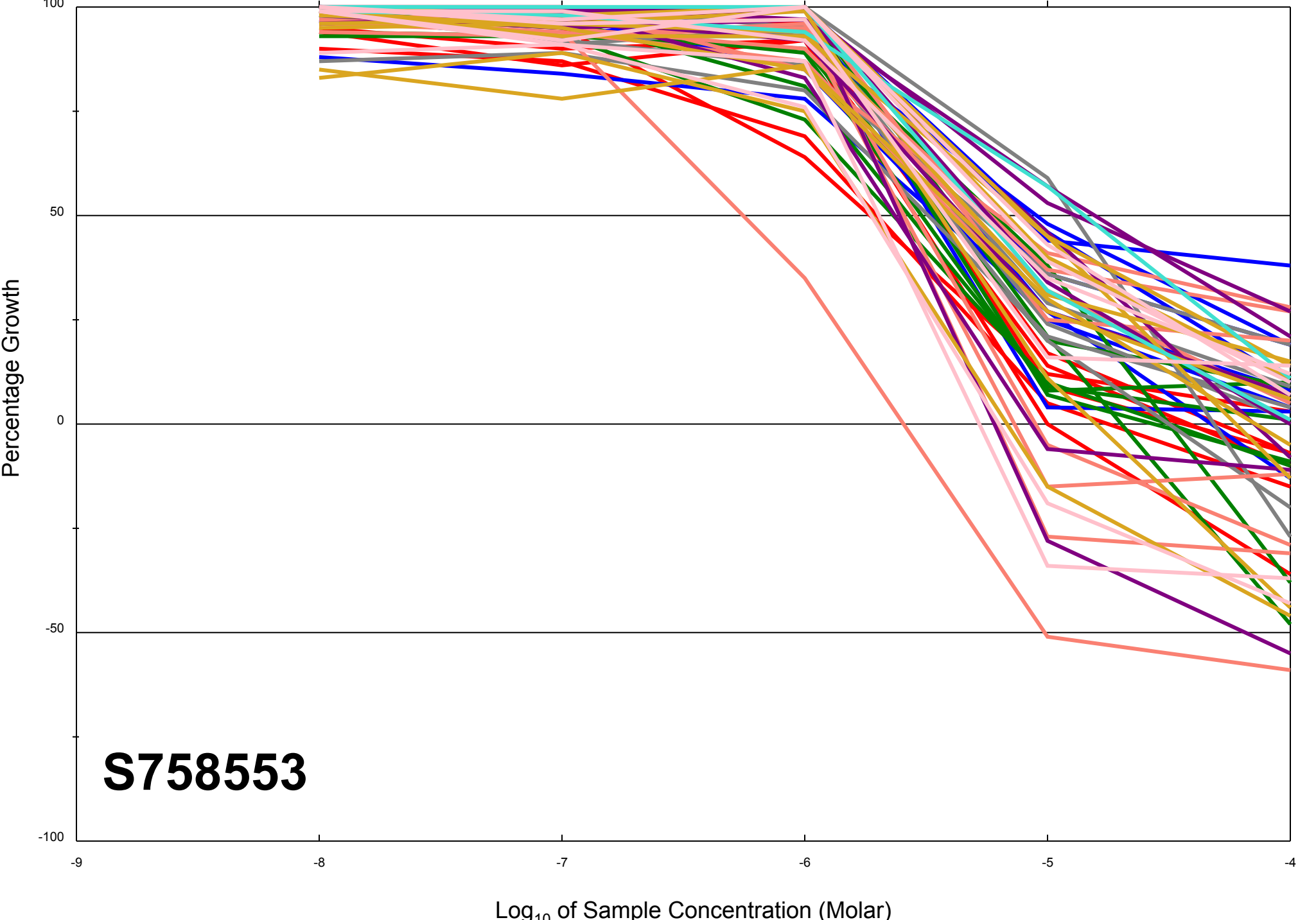


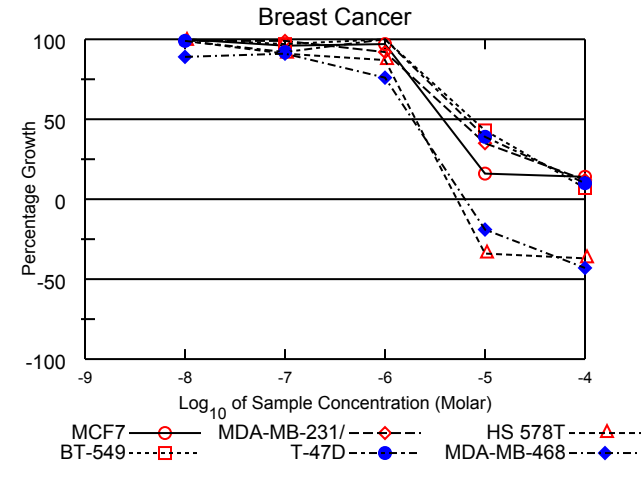
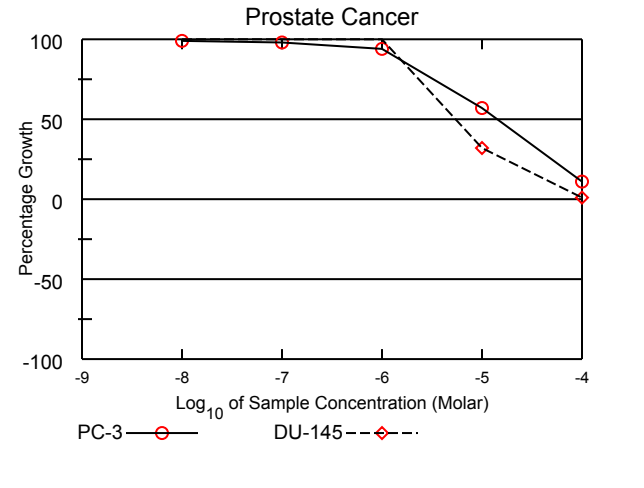
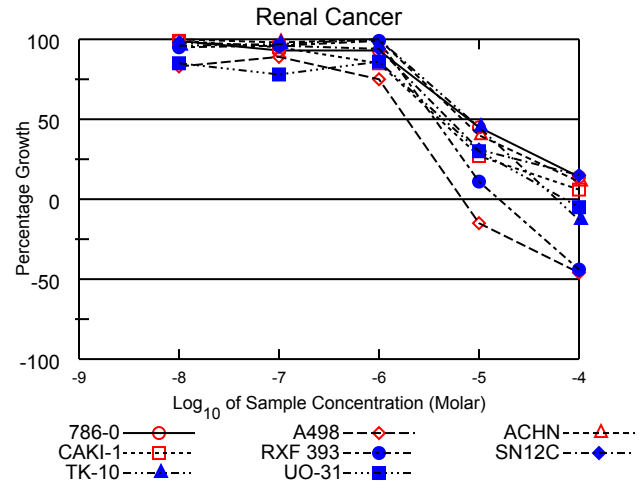
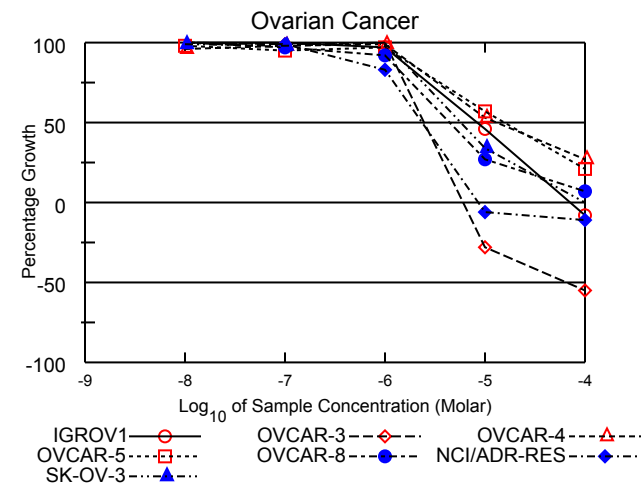
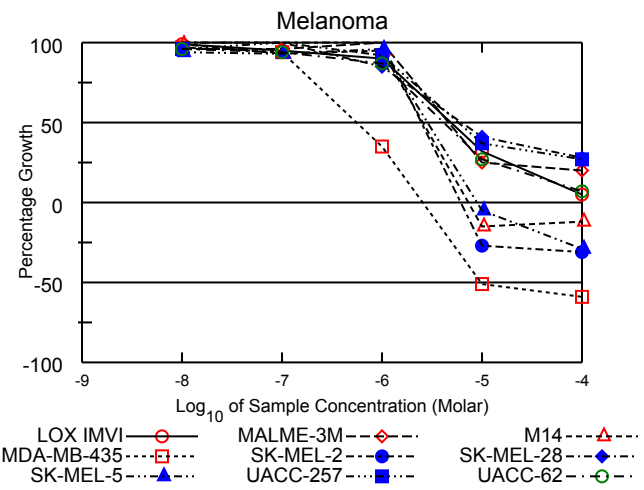
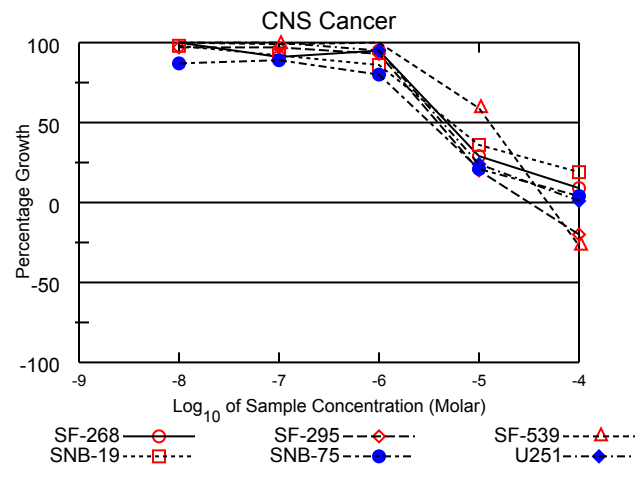
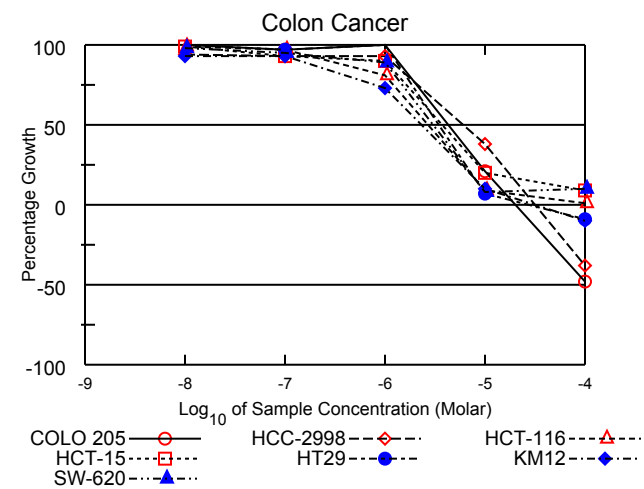
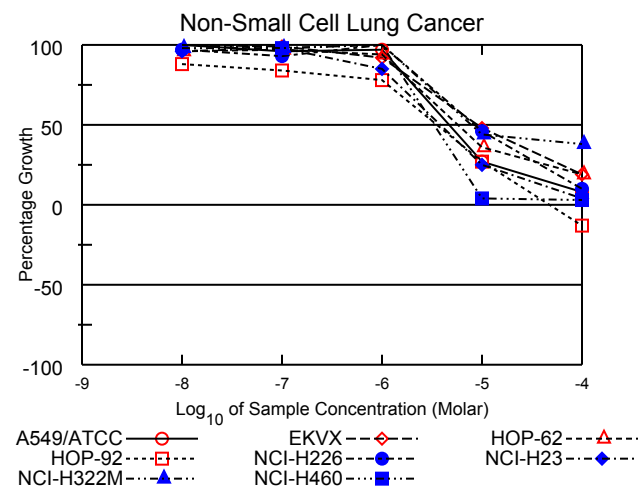
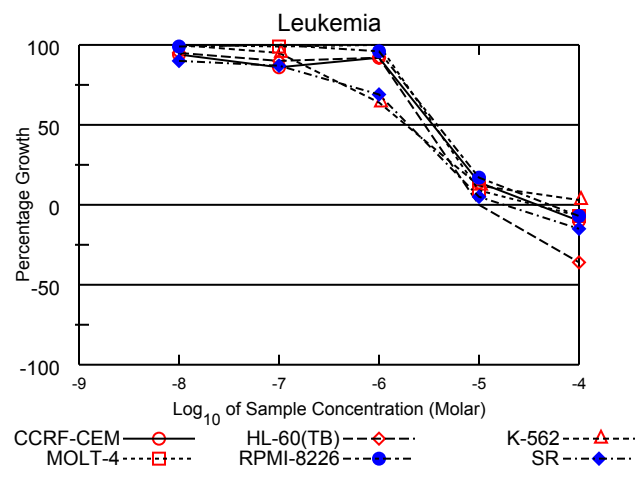
Dose Response Curves

Report Date:December 07, 2011

Test Date:June 27, 2011

All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758553 / 1	Experiment ID : 1106NS70	Test Type : 08	Units : Molar
Report Date : December 07, 2011	Test Date : June 27, 2011	QNS :	MC :
COMI : A4563/0195188 (105647)	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	0.557	1.665	1.594	1.514	1.579	0.713	0.503	94	86	92	14	-10	3.47E-6	3.88E-5	> 1.00E-4
HL-60(TB)	0.977	2.730	2.650	2.557	2.597	0.985	0.621	95	90	92	.	-36	2.89E-6	1.03E-5	> 1.00E-4
K-562	0.168	1.116	1.153	1.073	0.775	0.284	0.197	104	95	64	12	3	1.87E-6	> 1.00E-4	> 1.00E-4
MOLT-4	0.522	1.611	1.633	1.605	1.665	0.619	0.488	102	99	105	9	-7	3.73E-6	3.75E-5	> 1.00E-4
RPMI-8226	0.384	1.096	1.085	1.097	1.068	0.502	0.359	99	100	96	17	-7	3.80E-6	5.23E-5	> 1.00E-4
SR	0.374	1.432	1.322	1.294	1.100	0.431	0.317	90	87	69	5	-15	1.97E-6	1.81E-5	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.333	1.624	1.620	1.570	1.587	0.686	0.436	100	96	97	27	8	4.73E-6	> 1.00E-4	> 1.00E-4
EKVX	0.707	1.787	1.815	1.773	1.697	1.228	0.912	103	99	92	48	19	9.09E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.364	1.154	1.127	1.129	1.104	0.646	0.513	96	97	94	36	19	5.65E-6	> 1.00E-4	> 1.00E-4
HOP-92	1.098	1.451	1.407	1.396	1.373	1.194	0.951	88	84	78	27	-13	3.54E-6	4.68E-5	> 1.00E-4
NCI-H226	0.752	1.480	1.459	1.432	1.495	1.084	0.822	97	93	102	46	10	8.36E-6	> 1.00E-4	> 1.00E-4
NCI-H23	0.627	1.860	1.811	1.834	1.680	0.937	0.676	96	98	85	25	4	3.87E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.347	0.827	0.817	0.820	0.829	0.557	0.531	98	98	100	44	38	7.75E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.224	1.769	1.825	1.735	1.797	0.283	0.265	104	98	102	4	3	3.38E-6	> 1.00E-4	> 1.00E-4
Colon Cancer															
COLO 205	0.246	1.274	1.279	1.238	1.392	0.459	0.127	101	97	111	21	-48	4.76E-6	2.00E-5	> 1.00E-4
HCC-2998	0.650	2.328	2.230	2.210	2.205	1.282	0.402	94	93	93	38	-38	5.97E-6	3.14E-5	> 1.00E-4
HCT-116	0.170	1.639	1.628	1.593	1.366	0.301	0.182	99	97	81	9	1	2.71E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.310	1.956	1.946	1.847	1.787	0.635	0.458	99	93	90	20	9	3.69E-6	> 1.00E-4	> 1.00E-4
HT29	0.223	1.187	1.216	1.161	1.244	0.286	0.202	103	97	106	7	-9	3.65E-6	2.57E-5	> 1.00E-4
KM12	0.398	1.780	1.690	1.683	1.413	0.542	0.357	93	93	73	10	-10	2.35E-6	3.16E-5	> 1.00E-4
SW-620	0.189	1.102	1.081	1.060	0.999	0.259	0.284	98	95	89	8	10	3.00E-6	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.327	1.062	1.063	0.995	1.022	0.538	0.391	100	91	95	29	9	4.74E-6	> 1.00E-4	> 1.00E-4
SF-295	0.783	2.369	2.324	2.315	2.261	1.107	0.630	97	97	93	20	-20	3.92E-6	3.24E-5	> 1.00E-4
SF-539	0.824	2.077	2.137	2.070	2.136	1.565	0.598	105	99	105	59	-27	1.28E-5	4.82E-5	> 1.00E-4
SNB-19	0.436	1.533	1.507	1.449	1.384	0.828	0.647	98	92	86	36	19	5.23E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.617	1.433	1.330	1.344	1.270	0.792	0.651	87	89	80	21	4	3.25E-6	> 1.00E-4	> 1.00E-4
U251	0.291	1.197	1.202	1.229	1.153	0.507	0.302	101	104	95	24	1	4.29E-6	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.314	2.025	2.011	1.940	1.858	0.856	0.399	99	95	90	32	5	4.86E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.544	0.888	0.875	0.874	0.914	0.631	0.612	96	96	108	25	20	5.01E-6	> 1.00E-4	> 1.00E-4
M14	0.369	1.445	1.434	1.375	1.390	0.312	0.323	99	93	95	-15	-12	2.55E-6	7.24E-6	> 1.00E-4
MDA-MB-435	0.384	1.863	1.825	1.779	0.902	0.187	0.159	97	94	35	-51	-59	5.59E-7	2.54E-6	9.66E-6
SK-MEL-2	0.846	1.556	1.645	1.562	1.644	0.620	0.581	112	101	112	-27	-31	2.81E-6	6.42E-6	> 1.00E-4
SK-MEL-28	0.321	1.068	1.081	1.067	0.959	0.629	0.529	102	100	85	41	28	6.30E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.644	1.906	1.832	1.822	1.852	0.614	0.460	94	93	96	-5	-29	2.85E-6	8.97E-6	> 1.00E-4
UACC-257	0.691	1.423	1.394	1.424	1.366	0.960	0.892	96	100	92	37	27	5.77E-6	> 1.00E-4	> 1.00E-4
UACC-62	0.566	2.329	2.256	2.220	2.099	1.041	0.695	96	94	87	27	7	4.13E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.420	1.235	1.289	1.266	1.210	0.799	0.385	107	104	97	46	-8	8.51E-6	7.05E-5	> 1.00E-4
OVCAR-3	0.433	1.049	1.084	1.044	1.055	0.311	0.197	106	99	101	-28	-55	2.48E-6	6.05E-6	6.69E-5
OVCAR-4	0.396	1.447	1.407	1.431	1.439	0.953	0.676	96	98	99	53	27	1.29E-5	> 1.00E-4	> 1.00E-4
OVCAR-5	0.467	1.208	1.192	1.170	1.189	0.892	0.626	98	95	97	57	21	1.60E-5	> 1.00E-4	> 1.00E-4
OVCAR-8	0.311	1.305	1.316	1.276	1.231	0.578	0.384	101	97	92	27	7	4.44E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.532	1.581	1.615	1.571	1.401	0.498	0.476	103	99	83	-6	-11	2.33E-6	8.48E-6	> 1.00E-4
SK-OV-3	0.566	1.559	1.551	1.537	1.577	0.899	0.570	99	98	102	34	.	5.74E-6	> 1.00E-4	> 1.00E-4
Renal Cancer															
786-0	0.607	1.975	1.963	1.874	1.880	1.221	0.804	99	93	93	45	14	7.82E-6	> 1.00E-4	> 1.00E-4
A498	0.970	1.529	1.436	1.470	1.388	0.821	0.522	83	89	75	-15	-46	1.88E-6	6.75E-6	> 1.00E-4
ACHN	0.438	1.715	1.727	1.695	1.752	0.946	0.579	101	98	103	40	11	6.88E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.599	2.154	2.145	2.070	1.921	1.014	0.690	99	95	85	27	6	3.98E-6	> 1.00E-4	> 1.00E-4
RXF 393	0.605	0.938	0.920	0.925	0.935	0.643	0.340	95	96	99	11	-44	3.63E-6	1.61E-5	> 1.00E-4
SN12C	0.469	1.767	1.744	1.714	1.685	0.875	0.670	98	96	94	31	15	5.01E-6	> 1.00E-4	> 1.00E-4
TK-10	0.590	1.215	1.192	1.194	1.287	0.872	0.515	96	97	112	45	-13	8.42E-6	6.01E-5	> 1.00E-4
UO-31	0.674	1.519	1.389	1.338	1.402	0.924	0.637	85	78	86	30	-5	4.35E-6	6.97E-5	> 1.00E-4
Prostate Cancer															
PC-3	0.524	1.596	1.585	1.573	1.527	1.136	0.642	99	98	94	57	11	1.43E-5	> 1.00E-4	> 1.00E-4
DU-145	0.342	1.088	1.096	1.131	1.106	0.583	0.350	101	106	102	32	1	5.60E-6	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.212	1.137	1.133	1.101	1.113	0.361	0.345	100	96	97	16	14	3.83E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.437	1.130	1.125	1.123	1.072	0.682	0.521	99	99	92	35	12	5.50E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.898	1.259	1.254	1.227	1.210	0.591	0.565	99	91	87	-34	-37	2.01E-6	5.21E-6	> 1.00E-4
BT-549	0.905	1.735	1.750	1.713	1.785	1.261	0.964	102	97	106	43	7	7.71E-6	> 1.00E-4	> 1.00E-4
T-47D	0.448	1.180	1.172	1.124	1.182	0.730	0.521	99	92	100	39	10	6.52E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.682	1.431	1.352	1.360	1.248	0.552	0.388	89	91	76	-19	-43	1.86E-6	6.28E-6	> 1.00E-4

Mean Graphs

Report Date :December 07, 2011

Test Date :June 27, 2011

