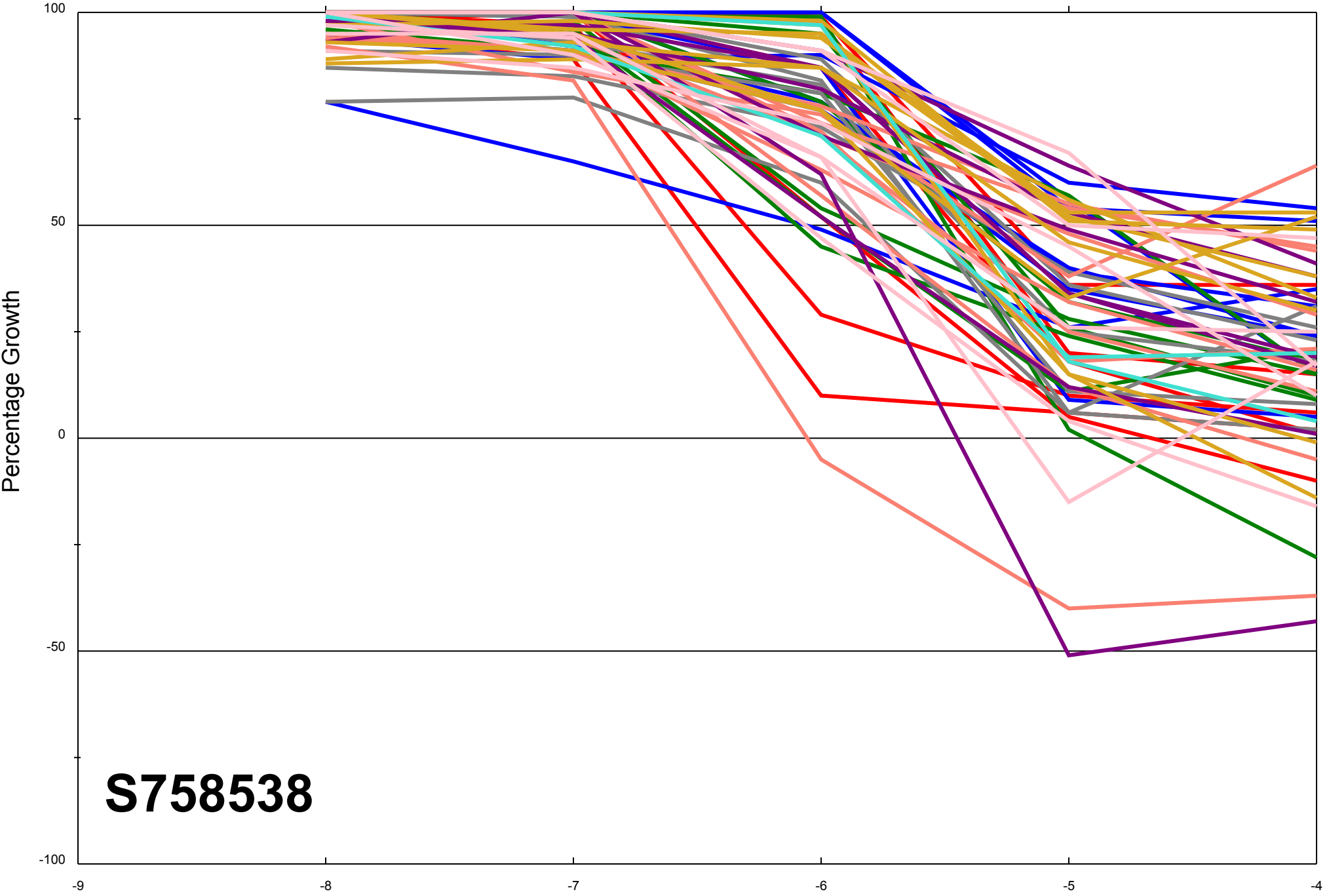


Dose Response Curves

Report Date:December 05, 2011

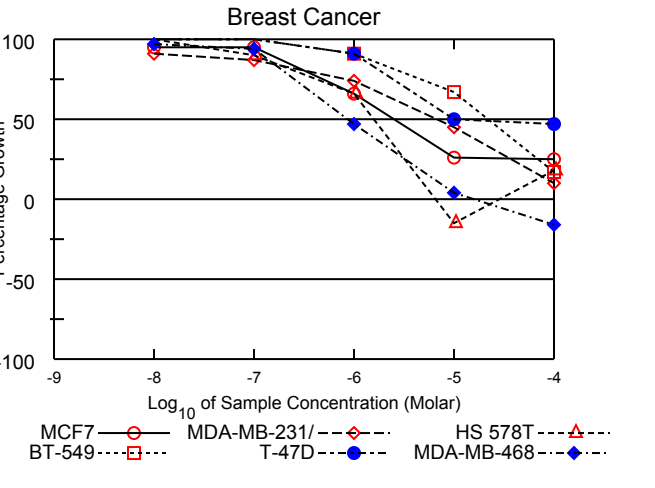
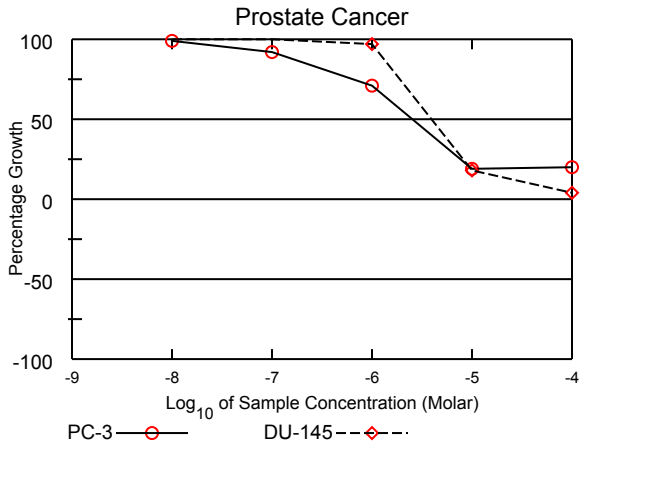
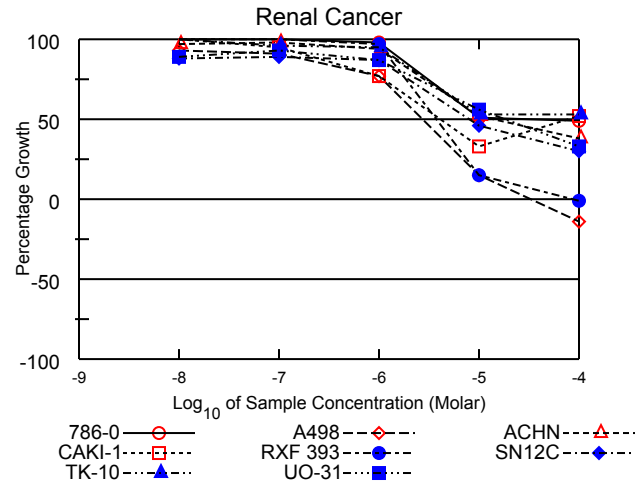
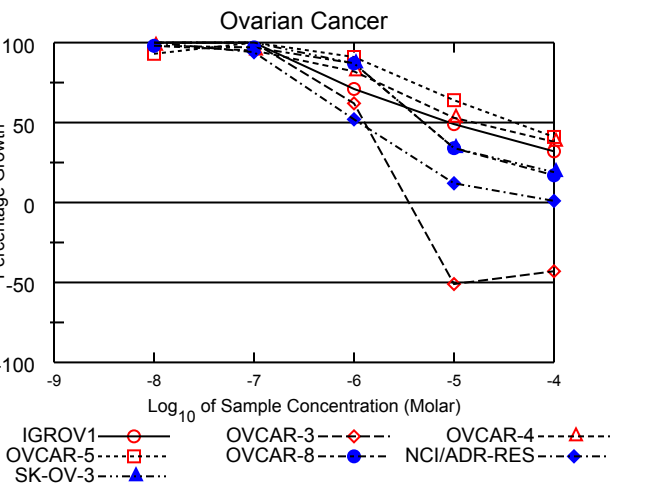
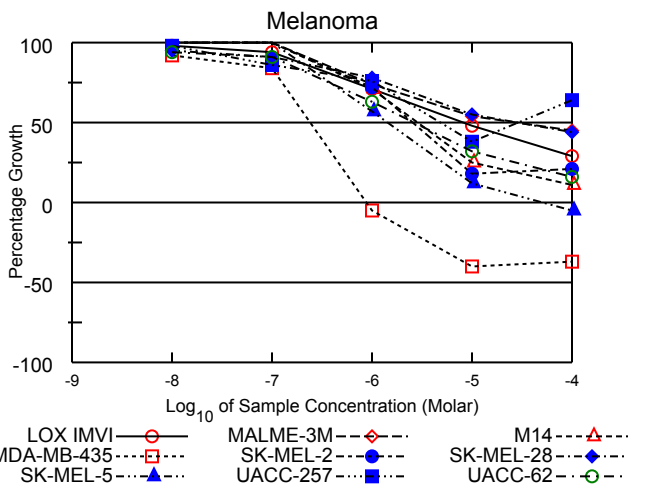
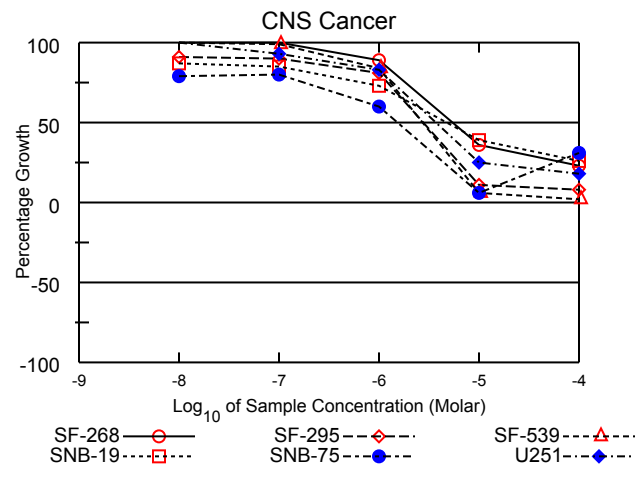
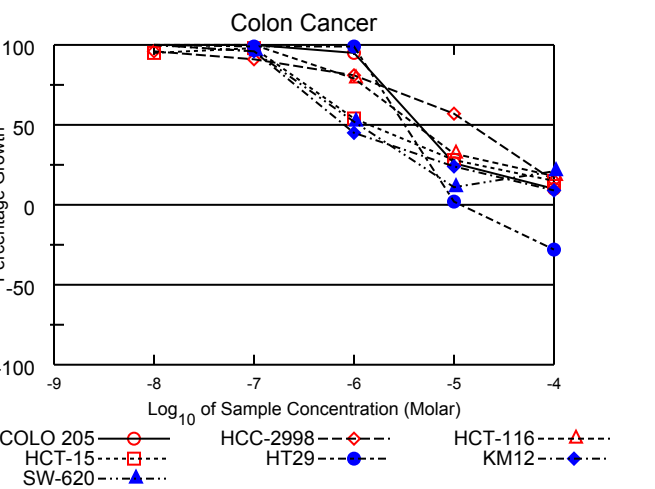
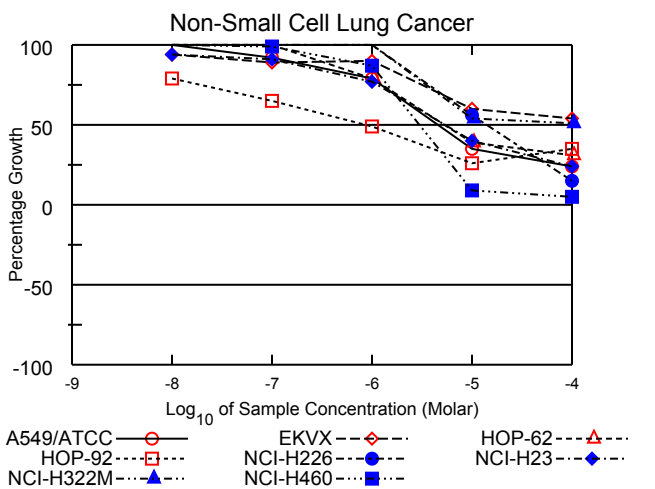
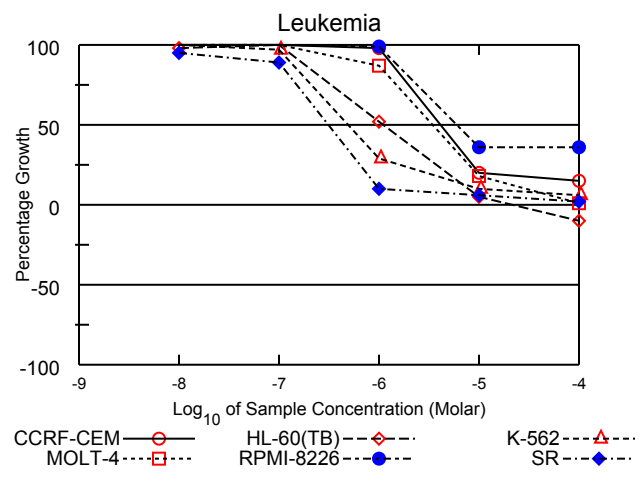
Test Date:June 27, 2011

All Cell Lines



S758538

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 758538 / 1	Experiment ID : 1106NS70	Test Type : 08	Units : Molar
Report Date : December 05, 2011	Test Date : June 27, 2011	QNS :	MC :
COMI : NMR/20297470 (105025)	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	1.638	1.696	1.667	1.622	0.771	0.722	105	103	98	20	15	4.13E-6	> 1.00E-4	> 1.00E-4
HL-60(TB)	0.977	2.651	2.618	2.662	1.841	1.065	0.875	98	101	52	5	-10	1.08E-6	2.16E-5	> 1.00E-4
K-562	0.168	1.098	1.122	1.069	0.437	0.261	0.226	103	97	29	10	6	4.89E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.522	1.590	1.612	1.627	1.451	0.712	0.530	102	103	87	18	1	3.42E-6	> 1.00E-4	> 1.00E-4
RPMI-8226	0.384	1.094	1.125	1.163	1.085	0.638	0.637	104	110	99	36	36	5.93E-6	> 1.00E-4	> 1.00E-4
SR	0.374	1.426	1.370	1.312	0.482	0.432	0.397	95	89	10	6	2	3.13E-7	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.333	1.508	1.553	1.414	1.260	0.748	0.616	104	92	79	35	24	4.59E-6	> 1.00E-4	> 1.00E-4
EKVX	0.707	1.817	1.753	1.698	1.708	1.373	1.306	94	89	90	60	54	> 1.00E-4	> 1.00E-4	> 1.00E-4
HOP-62	0.364	1.172	1.229	1.174	1.002	0.681	0.617	107	100	79	39	31	5.36E-6	> 1.00E-4	> 1.00E-4
HOP-92	1.098	1.424	1.357	1.312	1.258	1.184	1.213	79	65	49	26	35	8.61E-7	> 1.00E-4	> 1.00E-4
NCI-H226	0.752	1.486	1.515	1.510	1.523	1.160	0.863	104	103	105	56	15	1.38E-5	> 1.00E-4	> 1.00E-4
NCI-H23	0.627	1.881	1.811	1.765	1.597	1.125	0.922	94	91	77	40	24	5.32E-6	> 1.00E-4	> 1.00E-4
NCI-H322M	0.347	0.794	0.808	0.823	0.838	0.589	0.574	103	106	110	54	51	> 1.00E-4	> 1.00E-4	> 1.00E-4
NCI-H460	0.224	1.996	2.117	1.972	1.770	0.386	0.307	107	99	87	9	5	3.00E-6	> 1.00E-4	> 1.00E-4
Colon Cancer															
COLO 205	0.246	1.374	1.401	1.446	1.317	0.535	0.361	102	106	95	26	10	4.45E-6	> 1.00E-4	> 1.00E-4
HCC-2998	0.650	2.231	2.166	2.094	1.930	1.551	0.882	96	91	81	57	15	1.46E-5	> 1.00E-4	> 1.00E-4
HCT-116	0.170	1.297	1.360	1.402	1.065	0.535	0.373	106	109	79	32	18	4.21E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.310	1.916	1.841	1.887	1.183	0.761	0.551	95	98	54	28	15	1.46E-6	> 1.00E-4	> 1.00E-4
HT29	0.223	1.090	1.165	1.085	1.083	0.240	0.160	109	99	99	2	-28	3.21E-6	1.16E-5	> 1.00E-4
KM12	0.398	1.786	1.871	1.732	1.020	0.730	0.518	106	96	45	24	9	7.92E-7	> 1.00E-4	> 1.00E-4
SW-620	0.189	1.068	1.113	1.033	0.644	0.288	0.375	105	96	52	11	21	1.11E-6	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.327	0.954	0.982	0.993	0.886	0.552	0.474	105	106	89	36	23	5.43E-6	> 1.00E-4	> 1.00E-4
SF-295	0.783	2.392	2.255	2.233	2.086	0.961	0.912	91	90	81	11	8	2.78E-6	> 1.00E-4	> 1.00E-4
SF-539	0.824	2.089	2.130	2.077	1.893	0.900	0.854	103	99	84	6	2	2.75E-6	> 1.00E-4	> 1.00E-4
SNB-19	0.436	1.505	1.368	1.348	1.215	0.853	0.718	87	85	73	39	26	4.73E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.617	1.387	1.227	1.237	1.082	0.667	0.858	79	80	60	6	31	1.56E-6	> 1.00E-4	> 1.00E-4
U251	0.291	1.178	1.197	1.116	1.029	0.511	0.450	102	93	83	25	18	3.70E-6	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.314	2.024	1.981	1.913	1.525	1.138	0.804	98	94	71	48	29	8.33E-6	> 1.00E-4	> 1.00E-4
MALME-3M	0.544	0.872	0.875	0.889	0.786	0.721	0.693	101	105	74	54	45	2.94E-5	> 1.00E-4	> 1.00E-4
M14	0.369	1.369	1.432	1.422	1.082	0.623	0.481	106	105	71	25	11	2.91E-6	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.384	1.842	1.726	1.613	0.364	0.230	0.241	92	84	-5	-40	-37	2.41E-7	8.72E-7	> 1.00E-4
SK-MEL-2	0.846	1.723	1.808	1.777	1.480	1.006	1.033	110	106	72	18	21	2.58E-6	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.321	1.138	1.095	1.062	0.955	0.767	0.683	95	91	78	55	44	2.81E-5	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.644	1.919	1.960	1.991	1.370	0.796	0.609	103	106	57	12	-5	1.43E-6	4.86E-5	> 1.00E-4
UACC-257	0.691	1.376	1.360	1.277	1.215	0.954	1.128	98	86	76	38	64	.	> 1.00E-4	> 1.00E-4
UACC-62	0.566	2.296	2.184	2.140	1.662	1.119	0.843	94	91	63	32	16	2.66E-6	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.420	1.219	1.307	1.295	0.986	0.810	0.673	111	110	71	49	32	8.86E-6	> 1.00E-4	> 1.00E-4
OVCAR-3	0.433	1.017	1.081	1.029	0.793	0.214	0.246	111	102	62	-51	-43	1.27E-6	3.53E-6	.
OVCAR-4	0.396	1.428	1.412	1.375	1.241	0.939	0.792	98	95	82	53	38	1.53E-5	> 1.00E-4	> 1.00E-4
OVCAR-5	0.467	1.219	1.164	1.247	1.155	0.950	0.773	93	104	91	64	41	4.01E-5	> 1.00E-4	> 1.00E-4
OVCAR-8	0.311	1.237	1.216	1.206	1.120	0.624	0.470	98	97	87	34	17	4.98E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.532	1.607	1.605	1.545	1.093	0.660	0.547	100	94	52	12	1	1.13E-6	> 1.00E-4	> 1.00E-4
SK-OV-3	0.566	1.631	1.682	1.662	1.493	0.925	0.773	105	103	87	34	19	4.95E-6	> 1.00E-4	> 1.00E-4
Renal Cancer															
786-0	0.607	1.971	2.099	2.031	1.944	1.308	1.279	109	104	98	51	49	4.57E-5	> 1.00E-4	> 1.00E-4
A498	0.970	1.504	1.465	1.454	1.383	1.048	0.838	93	91	77	15	-14	2.73E-6	3.29E-5	> 1.00E-4
ACHN	0.438	1.725	1.691	1.699	1.645	1.105	0.932	97	98	94	52	38	1.36E-5	> 1.00E-4	> 1.00E-4
CAKI-1	0.599	2.111	2.114	2.041	1.764	1.091	1.387	100	95	77	33	52	.	> 1.00E-4	> 1.00E-4
RXF 393	0.605	0.941	0.971	0.946	0.931	0.656	0.598	109	102	97	15	-1	3.75E-6	8.39E-5	> 1.00E-4
SN12C	0.469	1.752	1.599	1.612	1.584	1.060	0.860	88	89	87	46	30	7.99E-6	> 1.00E-4	> 1.00E-4
TK-10	0.590	1.200	1.209	1.173	1.168	0.915	0.911	101	96	95	53	53	> 1.00E-4	> 1.00E-4	> 1.00E-4
UO-31	0.674	1.502	1.413	1.444	1.399	1.138	0.946	89	93	87	56	33	1.81E-5	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.524	1.568	1.554	1.488	1.263	0.722	0.733	99	92	71	19	20	2.52E-6	> 1.00E-4	> 1.00E-4
DU-145	0.342	1.092	1.146	1.155	1.068	0.481	0.372	107	108	97	18	4	3.96E-6	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.212	1.272	1.218	1.219	0.917	0.492	0.479	95	95	66	26	25	2.58E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.437	1.079	1.024	0.998	0.911	0.727	0.500	91	87	74	45	10	6.79E-6	> 1.00E-4	> 1.00E-4
HS 578T	0.898	1.319	1.325	1.278	1.177	0.764	0.972	101	90	66	-15	18	1.58E-6	.	> 1.00E-4
BT-549	0.905	1.705	1.767	1.787	1.633	1.440	1.040	108	110	91	67	17	2.17E-5	> 1.00E-4	> 1.00E-4
T-47D	0.448	1.254	1.255	1.270	1.184	0.850	0.830	100	102	91	50	47	9.89E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.682	1.407	1.383	1.364	1.022	0.710	0.576	97	94	47	4	-16	8.61E-7	1.58E-5	> 1.00E-4

Mean Graphs

Report Date :December 05, 2011

Test Date :June 27, 2011

