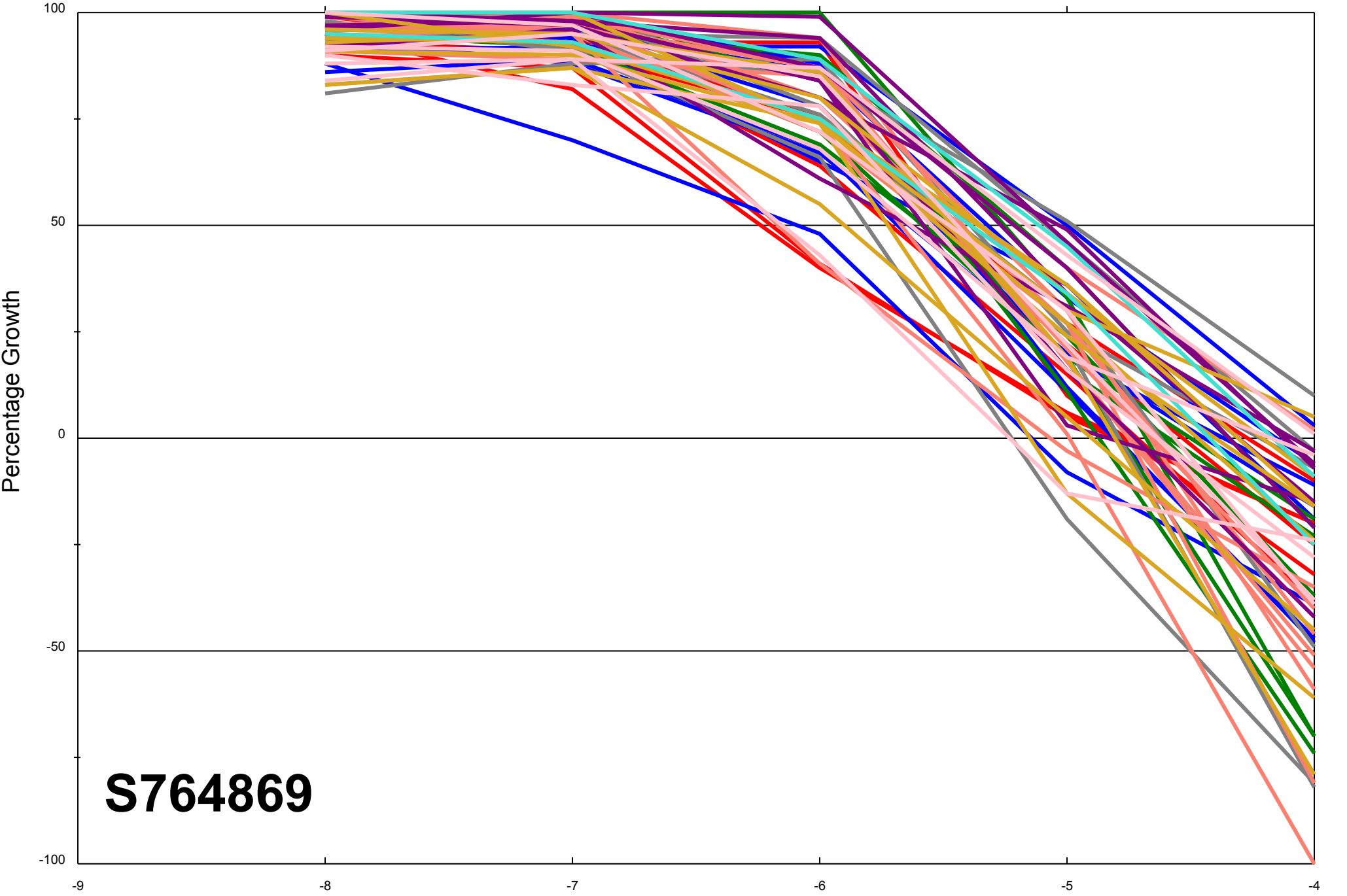


Dose Response Curves

Report Date:September 05, 2012

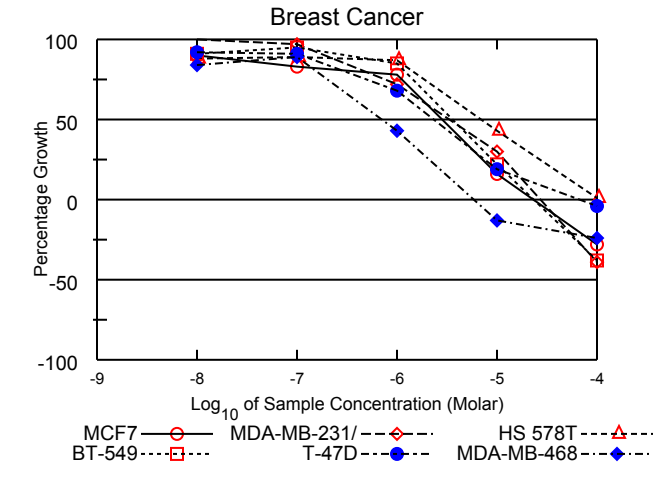
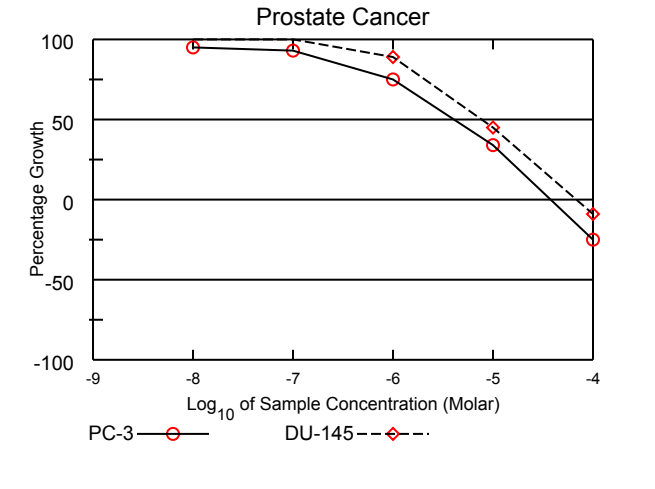
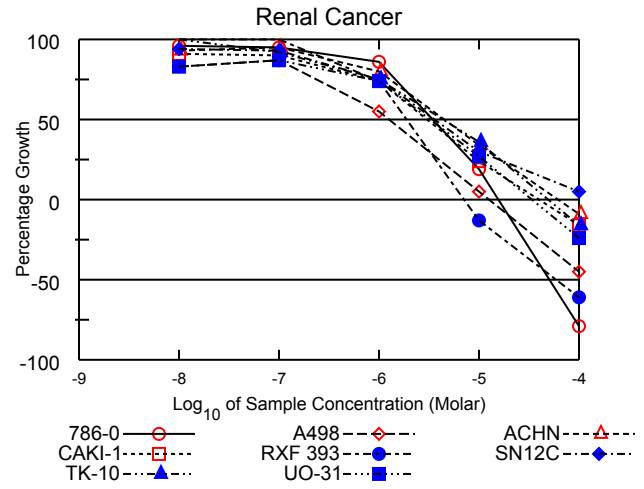
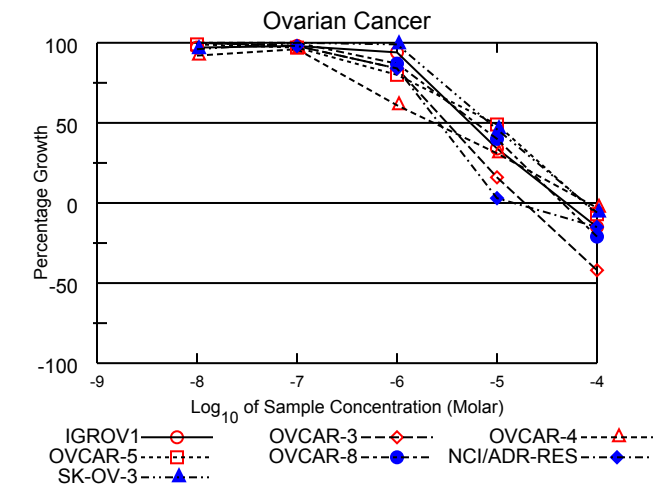
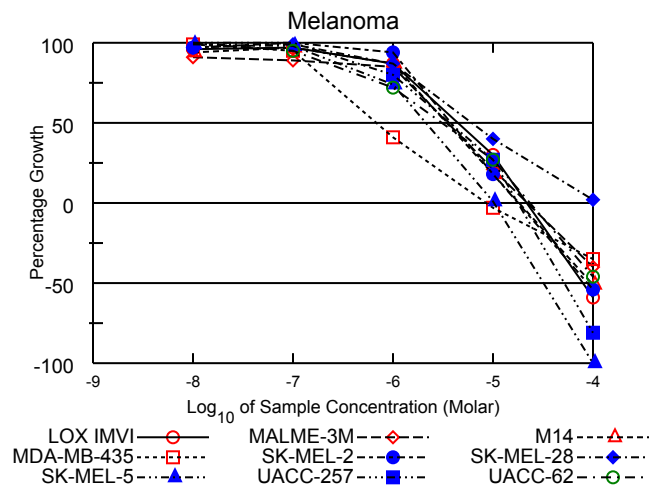
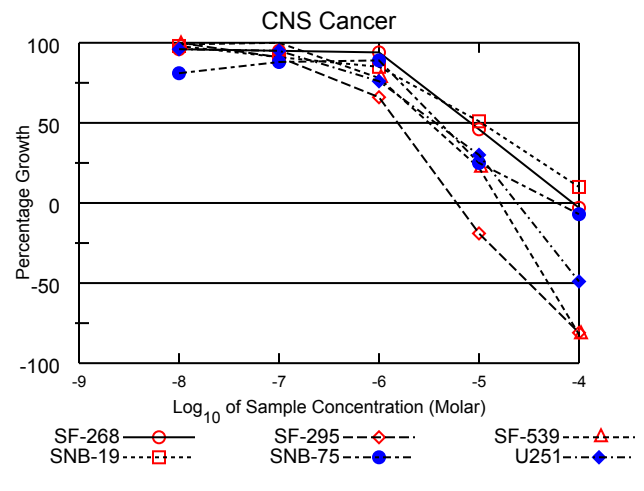
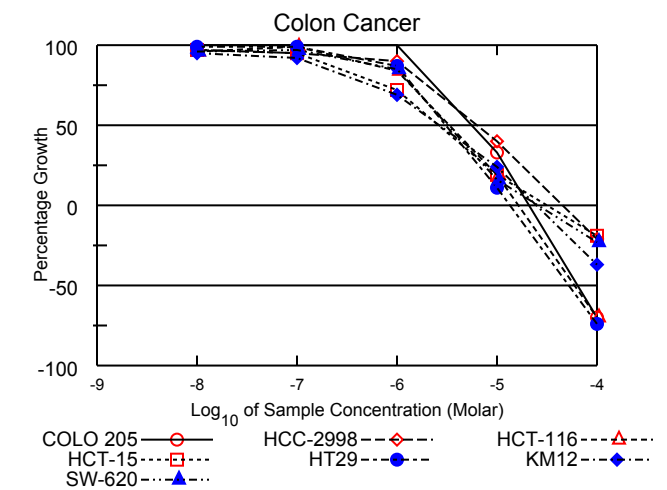
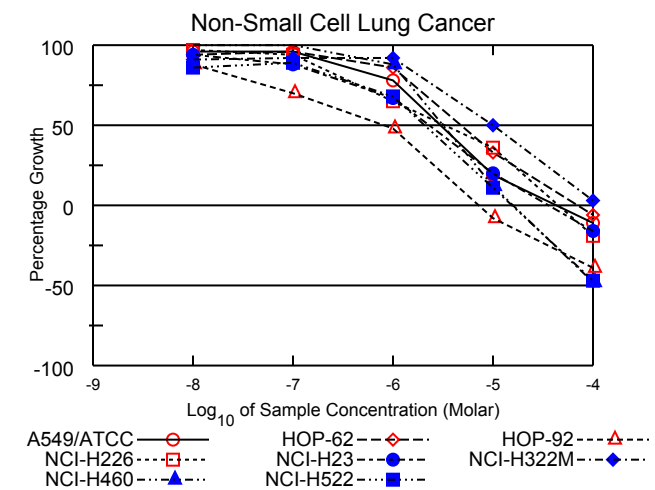
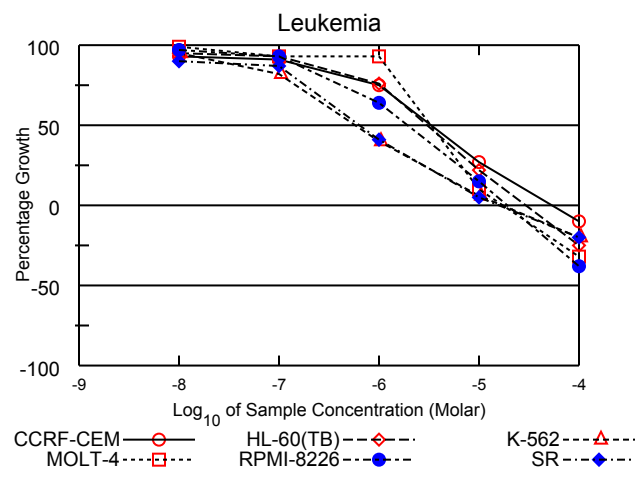
Test Date:June 25, 2012

All Cell Lines



S764869

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 764869 / 1	Experiment ID : 1206NS96	Test Type : 08	Units : Molar
Report Date : September 05, 2012	Test Date : June 25, 2012	QNS :	MC :
COMI : A2213/0093134 (117893)	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	0.678	2.597	2.461	2.426	2.122	1.192	0.610	93	91	75	27	-10	3.32E-6	5.32E-5	> 1.00E-4
HL-60(TB)	0.781	2.967	2.849	2.814	2.441	1.252	0.588	95	93	76	22	-25	3.00E-6	2.92E-5	> 1.00E-4
K-562	0.228	1.696	1.624	1.436	0.819	0.319	0.182	95	82	40	6	-20	5.86E-7	1.71E-5	> 1.00E-4
MOLT-4	0.476	1.700	1.683	1.620	1.616	0.593	0.325	99	93	93	10	-32	3.28E-6	1.70E-5	> 1.00E-4
RPMI-8226	0.800	2.148	2.111	2.059	1.664	0.999	0.498	97	93	64	15	-38	1.93E-6	1.91E-5	> 1.00E-4
SR	0.354	1.650	1.525	1.481	0.885	0.425	0.285	90	87	41	5	-20	6.37E-7	1.65E-5	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.328	1.571	1.518	1.522	1.294	0.569	0.294	96	96	78	19	-11	2.98E-6	4.44E-5	> 1.00E-4
HOP-62	0.271	0.873	0.836	0.848	0.787	0.470	0.255	94	96	86	33	-6	4.75E-6	7.05E-5	> 1.00E-4
HOP-92	1.262	1.579	1.541	1.484	1.414	1.156	0.764	88	70	48	-8	-39	7.98E-7	7.08E-6	> 1.00E-4
NCI-H226	0.742	1.911	1.873	1.846	1.504	1.169	0.599	97	94	65	36	-19	3.38E-6	4.51E-5	> 1.00E-4
NCI-H23	0.645	1.807	1.737	1.666	1.421	0.875	0.541	94	88	67	20	-16	2.28E-6	3.54E-5	> 1.00E-4
NCI-H322M	0.687	1.474	1.406	1.408	1.410	1.082	0.712	91	92	92	50	3	1.01E-5	> 1.00E-4	> 1.00E-4
NCI-H460	0.210	2.187	2.213	2.221	1.960	0.448	0.109	101	102	88	12	-48	3.19E-6	1.58E-5	> 1.00E-4
NCI-H522	0.739	1.732	1.596	1.618	1.414	0.853	0.389	86	89	68	11	-47	2.08E-6	1.57E-5	> 1.00E-4
Colon Cancer															
COLO 205	0.219	0.990	1.000	1.056	1.041	0.473	0.067	101	108	107	33	-70	5.87E-6	2.09E-5	6.44E-5
HCC-2998	0.919	2.703	2.647	2.606	2.534	1.626	0.728	97	95	90	40	-21	6.25E-6	4.53E-5	> 1.00E-4
HCT-116	0.166	1.548	1.492	1.538	1.325	0.423	0.050	96	99	84	19	-70	3.30E-6	1.62E-5	5.96E-5
HCT-15	0.218	1.616	1.571	1.540	1.229	0.490	0.178	97	95	72	19	-19	2.64E-6	3.25E-5	> 1.00E-4
HT29	0.182	1.076	1.067	1.069	0.959	0.284	0.047	99	99	87	11	-74	3.08E-6	1.36E-5	5.19E-5
KM12	0.600	2.718	2.621	2.549	2.059	1.099	0.378	95	92	69	24	-37	2.61E-6	2.45E-5	> 1.00E-4
SW-620	0.239	1.807	1.748	1.752	1.567	0.495	0.184	96	97	85	16	-23	3.22E-6	2.59E-5	> 1.00E-4
CNS Cancer															
SF-268	0.611	1.704	1.660	1.654	1.641	1.116	0.592	96	95	94	46	-3	8.33E-6	8.65E-5	> 1.00E-4
SF-295	0.615	1.567	1.592	1.486	1.246	0.498	0.116	103	91	66	-19	-81	1.55E-6	5.98E-6	3.15E-5
SF-539	0.847	2.343	2.330	2.344	2.020	1.179	0.152	99	100	78	22	-82	3.20E-6	1.63E-5	4.93E-5
SNB-19	0.618	1.738	1.715	1.643	1.569	1.184	0.727	98	91	85	51	10	1.03E-5	> 1.00E-4	> 1.00E-4
SNB-75	0.914	1.710	1.557	1.612	1.619	1.117	0.849	81	88	89	25	-7	4.08E-6	6.03E-5	> 1.00E-4
U251	0.389	1.770	1.720	1.699	1.445	0.803	0.200	96	95	76	30	-49	3.70E-6	2.41E-5	> 1.00E-4
Melanoma															
LOX IMVI	0.474	2.527	2.455	2.464	2.250	1.086	0.193	96	97	87	30	-59	4.40E-6	2.16E-5	7.85E-5
MALME-3M	0.588	1.065	1.020	1.011	0.995	0.689	0.353	91	89	85	21	-40	3.55E-6	2.21E-5	> 1.00E-4
M14	0.323	1.305	1.248	1.277	1.173	0.495	0.157	94	97	87	18	-51	3.38E-6	1.80E-5	9.55E-5
MDA-MB-435	0.436	1.863	1.845	1.789	1.027	0.424	0.283	99	95	41	-3	-35	6.90E-7	8.61E-6	> 1.00E-4
SK-MEL-2	0.794	1.490	1.472	1.495	1.451	0.922	0.363	97	101	94	18	-54	3.83E-6	1.79E-5	8.71E-5
SK-MEL-28	0.477	1.389	1.364	1.384	1.274	0.846	0.494	97	99	87	40	2	6.24E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.503	2.428	2.405	2.382	1.934	0.526	-0.017	99	98	74	1	-100	2.15E-6	1.03E-5	3.21E-5
UACC-257	0.784	1.753	1.771	1.756	1.557	1.049	0.150	102	100	80	27	-81	3.69E-6	1.79E-5	5.18E-5
UACC-62	0.708	2.052	2.067	1.979	1.671	1.070	0.380	101	95	72	27	-46	3.05E-6	2.33E-5	> 1.00E-4
Ovarian Cancer															
IGROV1	0.668	1.719	1.684	1.699	1.651	1.030	0.569	97	98	94	34	-15	5.45E-6	5.00E-5	> 1.00E-4
OVCAR-3	0.509	1.489	1.516	1.472	1.333	0.669	0.297	103	98	84	16	-42	3.18E-6	1.91E-5	> 1.00E-4
OVCAR-4	0.527	1.090	1.046	1.068	0.871	0.704	0.513	92	96	61	31	-3	2.35E-6	8.35E-5	> 1.00E-4
OVCAR-5	0.455	1.110	1.106	1.089	0.980	0.779	0.423	99	97	80	49	-7	9.58E-6	7.51E-5	> 1.00E-4
OVCAR-8	0.367	1.461	1.512	1.466	1.314	0.802	0.290	105	100	87	40	-21	6.05E-6	4.52E-5	> 1.00E-4
NCI/ADR-RES	0.534	1.722	1.736	1.703	1.527	0.568	0.455	101	98	84	3	-15	2.61E-6	1.45E-5	> 1.00E-4
SK-OV-3	0.532	1.304	1.272	1.341	1.296	0.887	0.498	96	105	99	46	-6	8.40E-6	7.52E-5	> 1.00E-4
Renal Cancer															
786-0	0.640	2.158	2.099	2.088	1.951	0.931	0.136	96	95	86	19	-79	3.47E-6	1.57E-5	5.08E-5
A498	1.460	2.193	2.068	2.101	1.861	1.498	0.804	83	87	55	5	-45	1.24E-6	1.27E-5	> 1.00E-4
ACHN	0.302	1.270	1.204	1.223	1.081	0.631	0.276	93	95	80	34	-9	4.52E-6	6.23E-5	> 1.00E-4
CAKI-1	0.660	1.998	1.876	1.865	1.654	0.986	0.557	91	90	74	24	-16	3.06E-6	4.07E-5	> 1.00E-4
RXF 393	0.660	1.161	1.166	1.163	1.032	0.574	0.258	101	100	74	-13	-61	1.90E-6	7.09E-6	5.92E-5
SN12C	0.521	1.886	1.806	1.785	1.549	0.926	0.590	94	93	75	30	5	3.58E-6	> 1.00E-4	> 1.00E-4
TK-10	0.495	1.063	1.064	1.020	0.923	0.701	0.414	100	92	75	36	-16	4.44E-6	4.88E-5	> 1.00E-4
UO-31	0.712	1.759	1.577	1.625	1.485	0.994	0.540	83	87	74	27	-24	3.21E-6	3.36E-5	> 1.00E-4
Prostate Cancer															
PC-3	0.535	1.917	1.847	1.814	1.577	1.003	0.401	95	93	75	34	-25	4.09E-6	3.75E-5	> 1.00E-4
DU-145	0.334	1.310	1.348	1.315	1.205	0.778	0.305	104	100	89	45	-9	7.87E-6	6.87E-5	> 1.00E-4
Breast Cancer															
MCF7	0.489	2.221	2.049	1.920	1.840	0.761	0.354	90	83	78	16	-28	2.81E-6	2.30E-5	> 1.00E-4
MDA-MB-231/ATCC	0.419	0.985	0.986	0.966	0.827	0.587	0.255	100	97	72	30	-39	3.33E-6	2.70E-5	> 1.00E-4
HS 578T	1.127	2.118	2.002	2.007	1.990	1.553	1.135	88	89	87	43	1	6.92E-6	> 1.00E-4	> 1.00E-4
BT-549	0.666	1.560	1.478	1.518	1.425	0.864	0.415	91	95	85	22	-38	3.60E-6	2.34E-5	> 1.00E-4
T-47D	0.689	1.646	1.570	1.560	1.343	0.867	0.662	92	91	68	19	-4	2.33E-6	6.65E-5	> 1.00E-4
MDA-MB-468	0.608	1.363	1.246	1.281	0.936	0.528	0.460	84	89	43	-13	-24	7.19E-7	5.84E-6	> 1.00E-4

Mean Graphs

Report Date :September 05, 2012

Test Date :June 25, 2012

