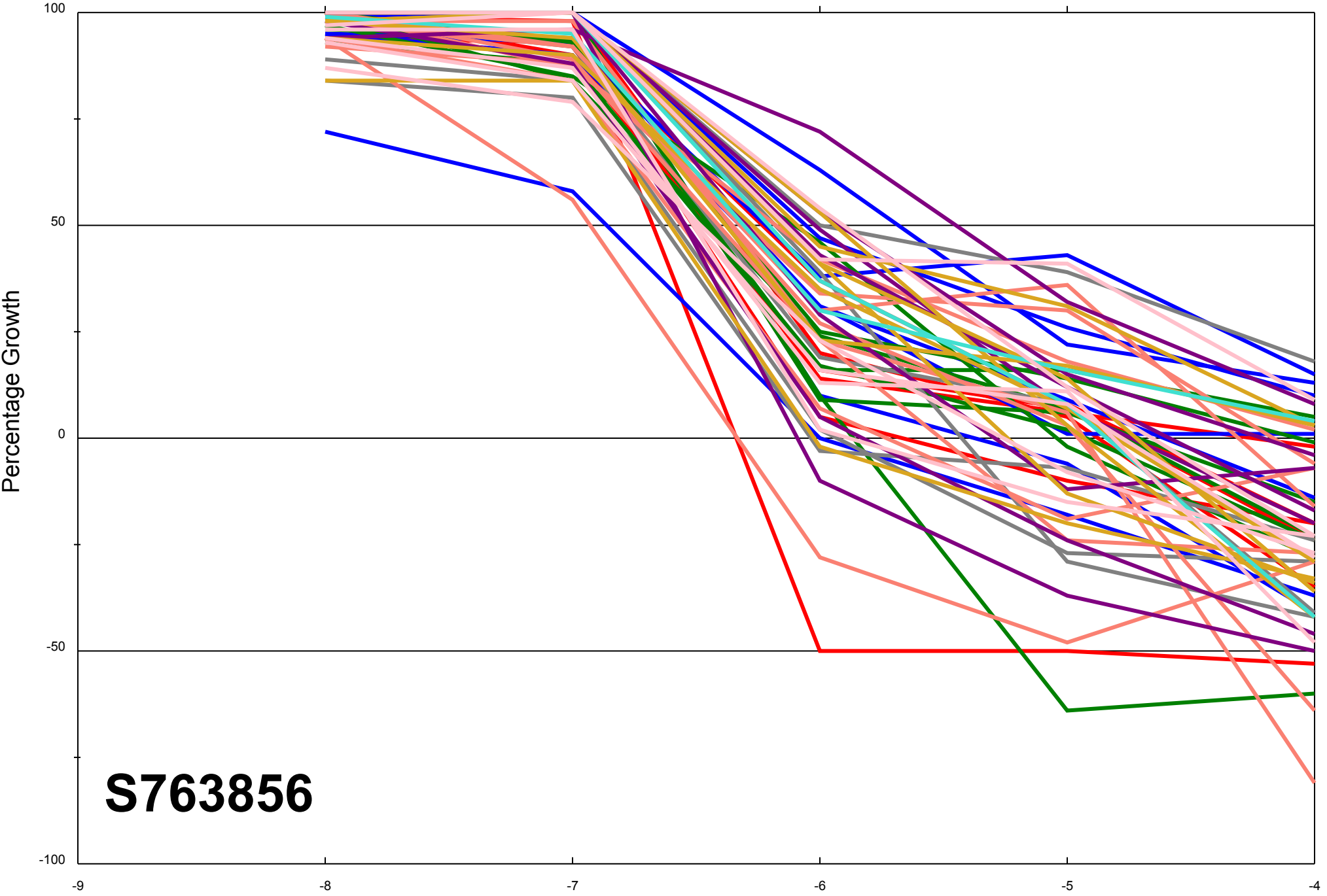


Dose Response Curves

Report Date:October 09, 2012

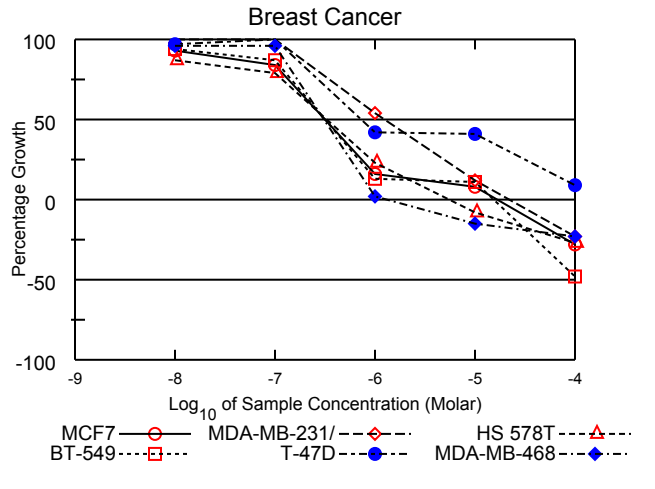
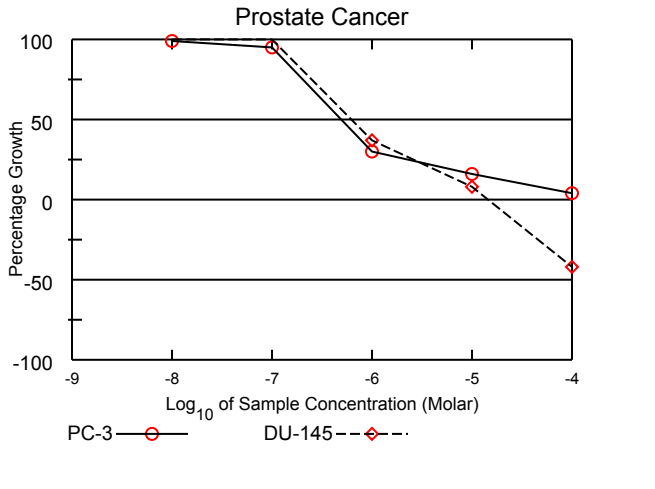
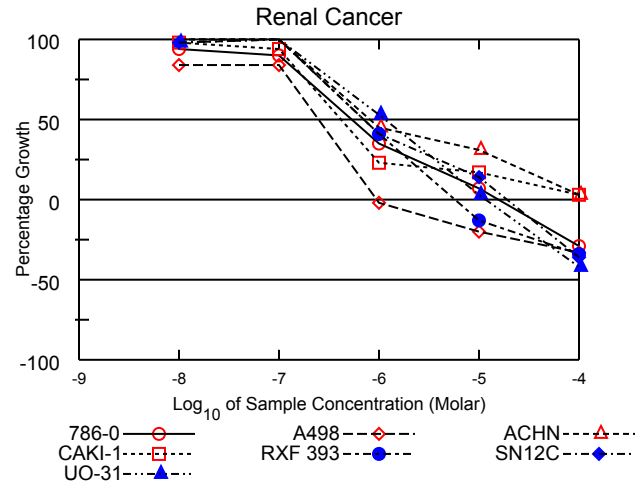
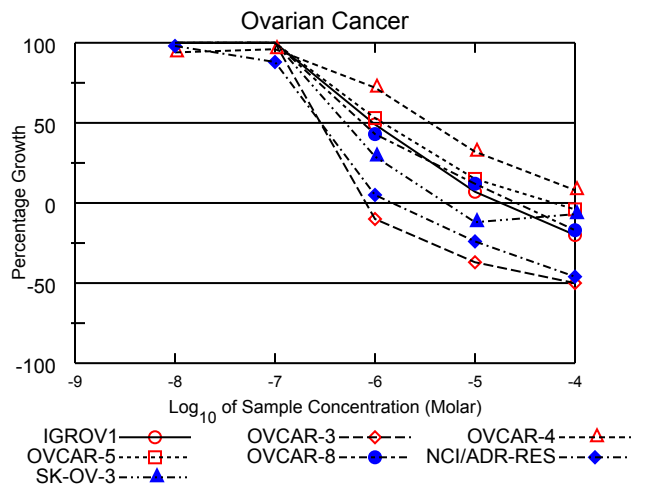
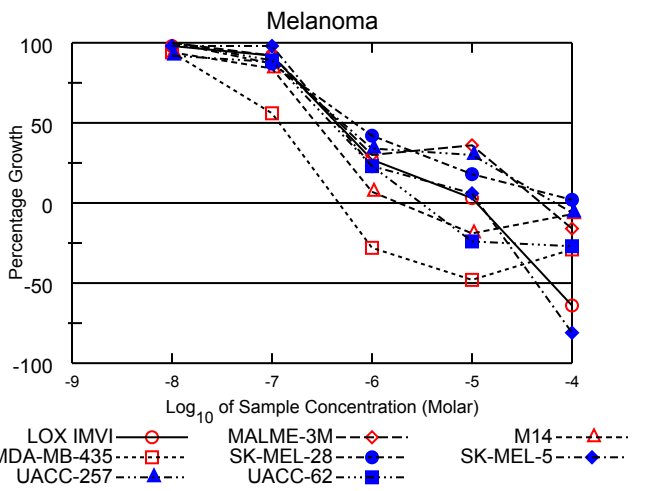
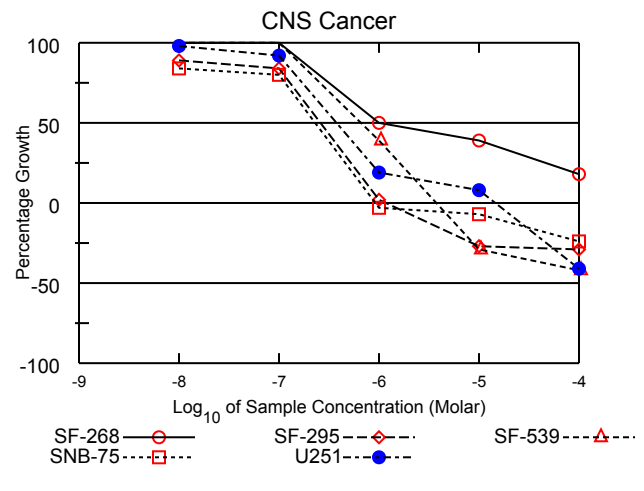
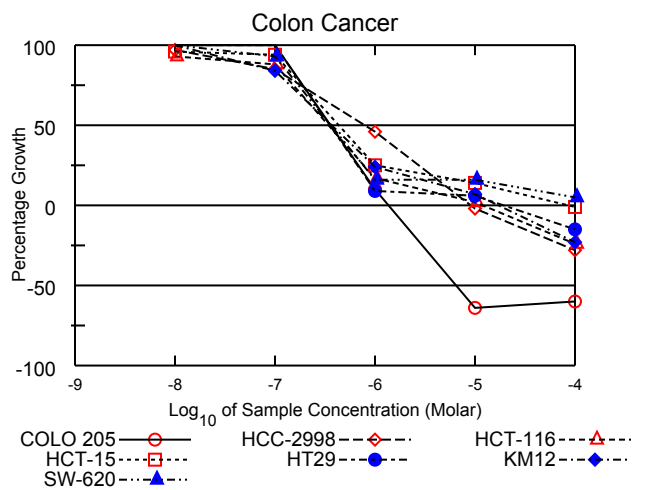
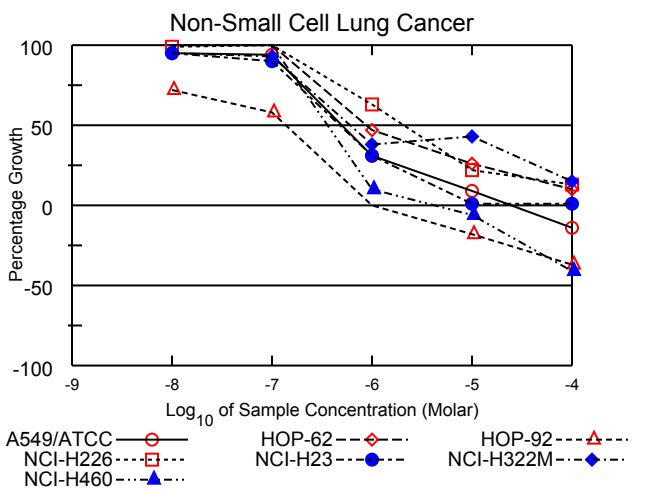
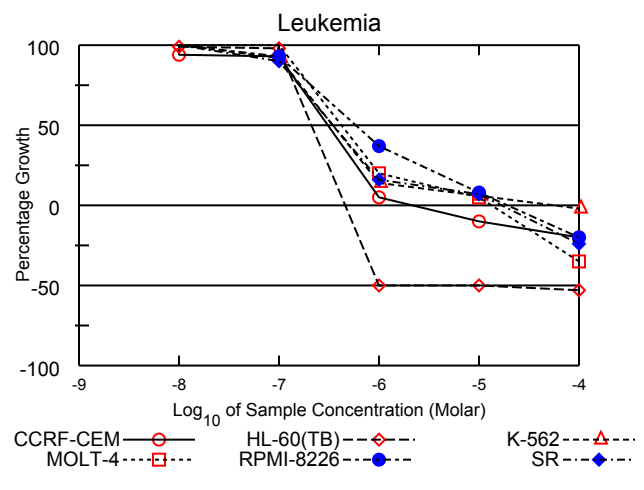
Test Date:March 26, 2012

All Cell Lines



S763856

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 763856 / 1	Experiment ID : 1203NS37	Test Type : 08	Units : Molar
Report Date : October 09, 2012	Test Date : March 26, 2012	QNS :	MC :
COMI : A2269/0095594 (114515)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50	
	Time Zero	Ctrl	-8.0	-7.0	Mean Optical Densities			Percent Growth								
					-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0				
Leukemia																
CCRF-CEM	0.709	2.556	2.437	2.418	0.808	0.636	0.569	94	93	5	-10	-20	3.07E-7	2.19E-6	> 1.00E-4	
HL-60(TB)	0.902	2.757	2.735	2.724	0.454	0.448	0.422	99	98	-50	-50	-53	2.12E-7	4.62E-7	3.16E-6	
K-562	0.273	1.621	1.680	1.516	0.462	0.351	0.268	104	92	14	6	-2	3.46E-7	5.73E-5	> 1.00E-4	
MOLT-4	0.728	2.252	2.326	2.306	1.029	0.804	0.473	105	104	20	5	-35	4.35E-7	1.33E-5	> 1.00E-4	
RPMI-8226	0.911	2.354	2.351	2.257	1.443	1.023	0.727	100	93	37	8	-20	5.84E-7	1.89E-5	> 1.00E-4	
SR	0.453	1.364	1.394	1.275	0.601	0.515	0.346	103	90	16	7	-24	3.50E-7	1.67E-5	> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.256	1.137	1.092	1.085	0.529	0.337	0.220	95	94	31	9	-14	4.99E-7	2.47E-5	> 1.00E-4	
HOP-62	0.332	0.963	1.002	0.962	0.631	0.495	0.398	106	100	47	26	10	8.92E-7	> 1.00E-4	> 1.00E-4	
HOP-92	1.339	1.652	1.566	1.522	1.335	1.092	0.846	72	58	.	-18	-37	1.39E-7	9.88E-7	> 1.00E-4	
NCI-H226	0.563	1.115	1.112	1.126	0.911	0.686	0.632	99	102	63	22	13	2.09E-6	> 1.00E-4	> 1.00E-4	
NCI-H23	0.598	1.812	1.747	1.694	0.972	0.612	0.614	95	90	31	1	1	4.75E-7	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.849	1.619	1.579	1.569	1.145	1.177	0.962	95	93	38	43	15	6.16E-7	> 1.00E-4	> 1.00E-4	
NCI-H460	0.255	1.990	2.104	2.071	0.425	0.239	0.151	107	105	10	-6	-41	3.77E-7	4.06E-6	> 1.00E-4	
Colon Cancer																
COLO 205	0.321	1.155	1.210	1.180	0.401	0.117	0.129	107	103	10	-64	-60	3.69E-7	1.35E-6	6.50E-6	
HCC-2998	0.364	1.101	1.078	0.993	0.705	0.356	0.263	97	85	46	-2	-28	7.99E-7	8.95E-6	> 1.00E-4	
HCT-116	0.227	1.786	1.670	1.601	0.497	0.260	0.173	93	88	17	2	-24	3.46E-7	1.20E-5	> 1.00E-4	
HCT-15	0.311	1.783	1.719	1.688	0.679	0.511	0.307	96	94	25	14	-1	4.32E-7	8.19E-5	> 1.00E-4	
HT29	0.223	1.164	1.232	1.224	0.303	0.280	0.190	107	106	9	6	-15	3.77E-7	1.95E-5	> 1.00E-4	
KM12	0.443	1.913	1.955	1.678	0.794	0.544	0.341	103	84	24	7	-23	3.67E-7	1.70E-5	> 1.00E-4	
SW-620	0.288	1.668	1.672	1.569	0.508	0.507	0.362	100	93	16	16	5	3.60E-7	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.605	1.707	1.714	1.718	1.153	1.031	0.799	101	101	50	39	18	9.89E-7	> 1.00E-4	> 1.00E-4	
SF-295	0.963	2.338	2.189	2.119	0.995	0.703	0.657	89	84	2	-27	-29	2.61E-7	1.20E-6	> 1.00E-4	
SF-539	0.954	2.324	2.387	2.355	1.486	0.681	0.555	105	102	39	-29	-42	6.66E-7	3.76E-6	> 1.00E-4	
SNB-75	0.687	1.231	1.146	1.125	0.663	0.642	0.522	84	80	-3	-7	-24	2.31E-7	9.09E-7	> 1.00E-4	
U251	0.326	1.409	1.386	1.328	0.535	0.410	0.192	98	92	19	8	-41	3.81E-7	1.44E-5	> 1.00E-4	
Melanoma																
LOX IMVI	0.300	1.869	1.842	1.750	0.717	0.354	0.108	98	92	27	3	-64	4.41E-7	1.12E-5	6.20E-5	
MALME-3M	0.686	1.185	1.186	1.143	0.838	0.865	0.580	100	92	30	36	-16	4.78E-7	4.99E-5	> 1.00E-4	
M14	0.454	1.494	1.431	1.324	0.526	0.367	0.424	94	84	7	-19	-7	2.74E-7	1.84E-6	> 1.00E-4	
MDA-MB-435	0.461	1.875	1.784	1.259	0.333	0.240	0.328	94	56	-28	-48	-29	1.19E-7	4.68E-7	> 1.00E-4	
SK-MEL-28	0.371	0.959	0.959	0.884	0.621	0.478	0.385	100	87	42	18	2	6.79E-7	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.681	2.297	2.269	2.264	1.050	0.786	0.128	98	98	23	6	-81	4.35E-7	1.19E-5	4.40E-5	
UACC-257	0.558	1.168	1.120	1.097	0.764	0.744	0.524	92	88	34	30	-6	5.03E-7	6.81E-5	> 1.00E-4	
UACC-62	0.917	2.083	2.095	1.957	1.191	0.699	0.672	101	89	23	-24	-27	3.95E-7	3.14E-6	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.652	1.644	1.799	1.744	1.140	0.721	0.519	116	110	49	7	-20	9.71E-7	1.79E-5	> 1.00E-4	
OVCAR-3	0.521	1.411	1.455	1.444	0.467	0.328	0.258	105	104	-10	-37	-50	2.95E-7	8.10E-7	9.21E-5	
OVCAR-4	0.418	0.808	0.786	0.791	0.700	0.544	0.451	94	96	72	32	8	3.62E-6	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.453	1.211	1.277	1.214	0.854	0.570	0.436	109	100	53	15	-4	1.19E-6	6.30E-5	> 1.00E-4	
OVCAR-8	0.282	1.109	1.141	1.134	0.636	0.385	0.233	104	103	43	12	-17	7.59E-7	2.62E-5	> 1.00E-4	
NCI/ADR-RES	0.393	1.428	1.405	1.300	0.441	0.300	0.213	98	88	5	-24	-46	2.84E-7	1.46E-6	> 1.00E-4	
SK-OV-3	0.531	1.092	1.113	1.108	0.696	0.469	0.493	104	103	29	-12	-7	5.23E-7	5.17E-6	> 1.00E-4	
Renal Cancer																
786-0	0.774	2.353	2.260	2.201	1.328	0.881	0.550	94	90	35	7	-29	5.37E-7	1.55E-5	> 1.00E-4	
A498	1.111	1.592	1.513	1.516	1.093	0.888	0.743	84	84	-2	-20	-33	2.50E-7	9.56E-7	> 1.00E-4	
ACHN	0.344	1.398	1.450	1.478	0.815	0.669	0.374	105	108	45	31	3	8.24E-7	> 1.00E-4	> 1.00E-4	
CAKI-1	0.809	2.192	2.168	2.104	1.126	1.039	0.845	98	94	23	17	3	4.14E-7	> 1.00E-4	> 1.00E-4	
RXF 393	0.682	1.125	1.130	1.127	0.863	0.594	0.453	101	100	41	-13	-34	7.00E-7	5.75E-6	> 1.00E-4	
SN12C	0.545	1.710	1.681	1.726	1.020	0.707	0.349	98	101	41	14	-36	7.03E-7	1.90E-5	> 1.00E-4	
UO-31	0.897	1.907	1.883	1.902	1.436	0.931	0.522	98	100	53	3	-42	1.17E-6	1.19E-5	> 1.00E-4	
Prostate Cancer																
PC-3	0.466	1.704	1.695	1.648	0.838	0.663	0.517	99	95	30	16	4	4.95E-7	> 1.00E-4	> 1.00E-4	
DU-145	0.365	1.334	1.441	1.420	0.726	0.445	0.212	111	109	37	8	-42	6.63E-7	1.46E-5	> 1.00E-4	
Breast Cancer																
MCF7	0.330	1.651	1.555	1.443	0.544	0.431	0.239	93	84	16	8	-28	3.18E-7	1.65E-5	> 1.00E-4	
MDA-MB-231/ATCC	0.599	1.168	1.227	1.211	0.907	0.666	0.462	110	107	54	12	-23	1.25E-6	2.18E-5	> 1.00E-4	
HS 578T	0.853	1.462	1.383	1.333	0.994	0.781	0.626	87	79	23	-8	-27	3.29E-7	5.41E-6	> 1.00E-4	
BT-549	0.908	1.738	1.688	1.634	1.014	1.003	0.470	94	87	13	11	-48	3.17E-7	1.55E-5	> 1.00E-4	
T-47D	0.558	1.275	1.253	1.278	0.856	0.851	0.621	97	100	42	41	9	7.17E-7	> 1.00E-4	> 1.00E-4	
MDA-MB-468	0.551	1.221	1.193	1.195	0.565	0.466	0.423	96	96	2	-15	-23	3.09E-7	1.32E-6	> 1.00E-4	

Mean Graphs

Report Date :October 09, 2012

Test Date :March 26, 2012

