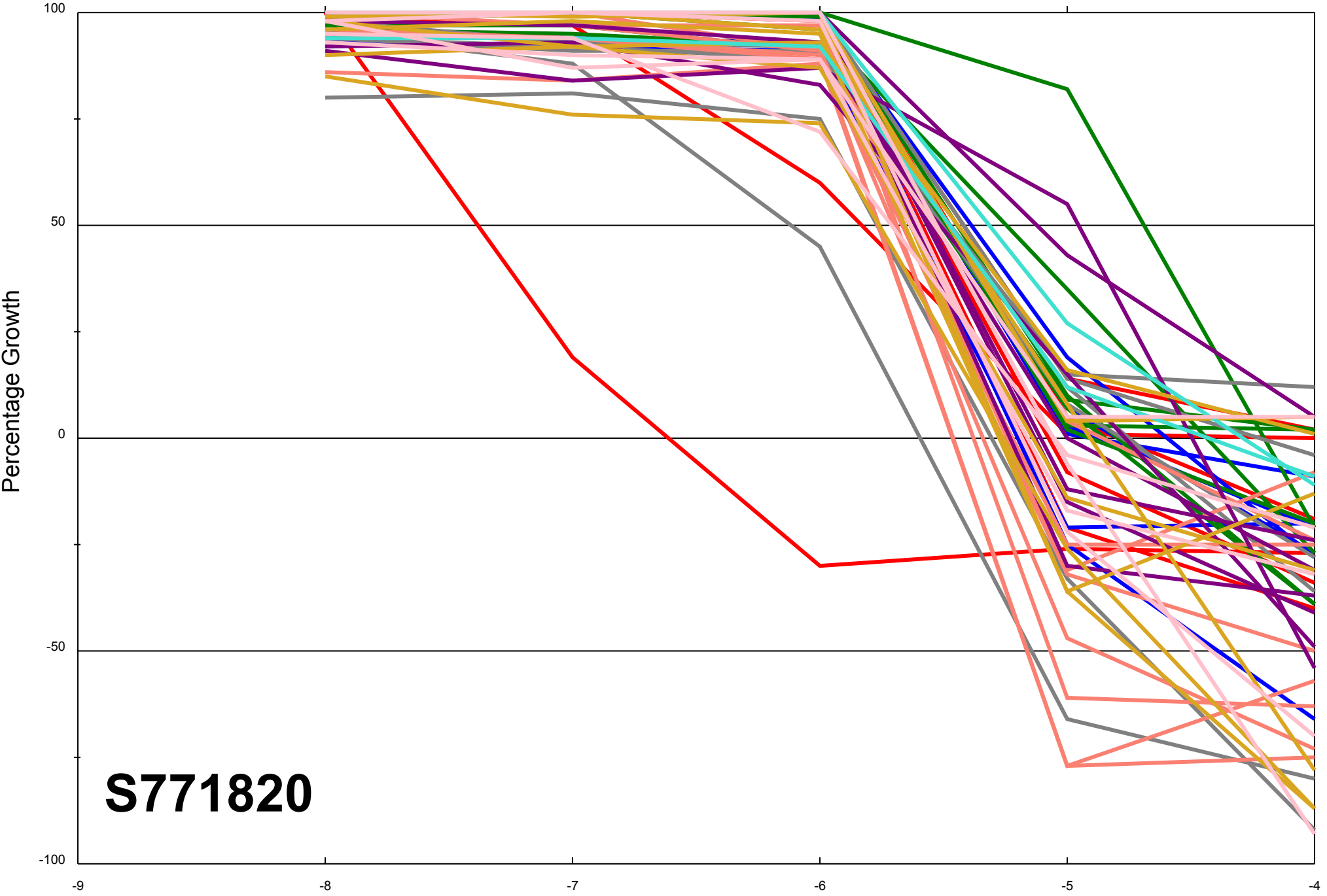


Dose Response Curves

Report Date:December 09, 2013

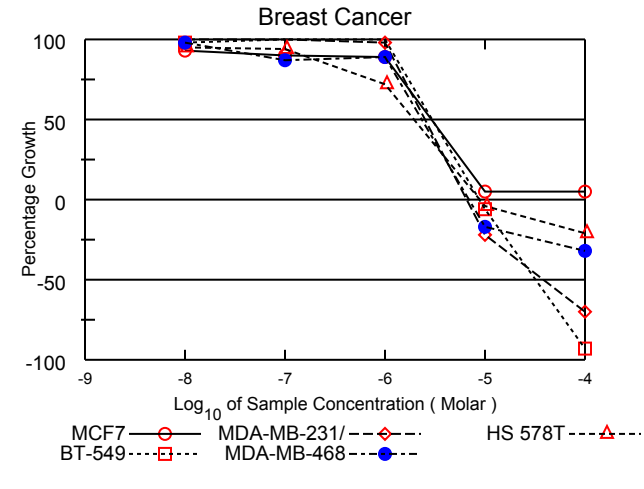
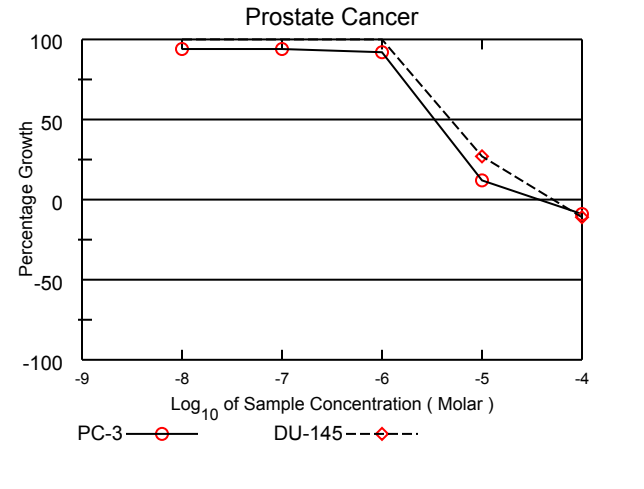
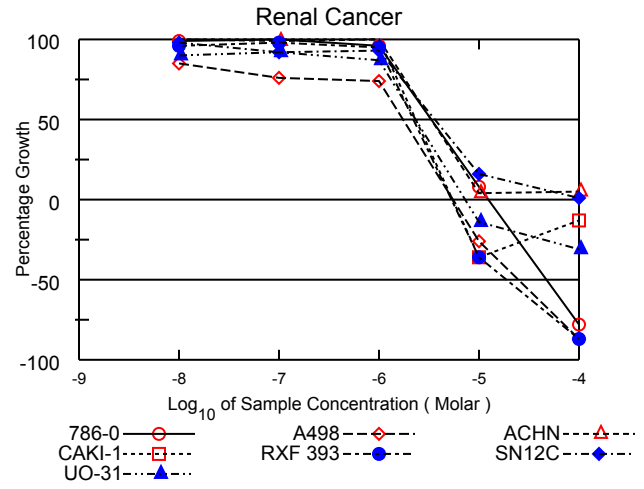
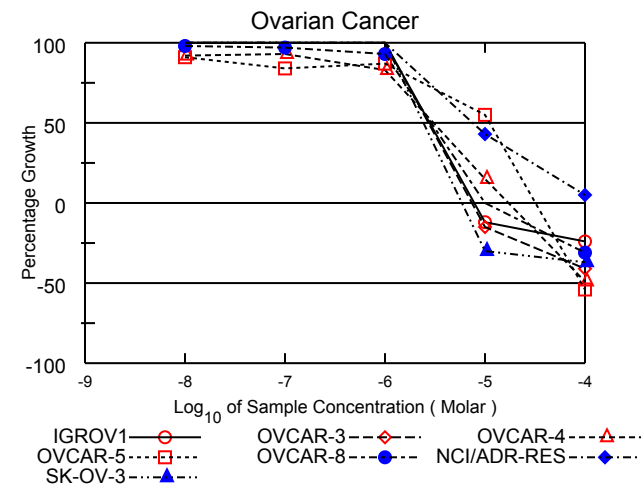
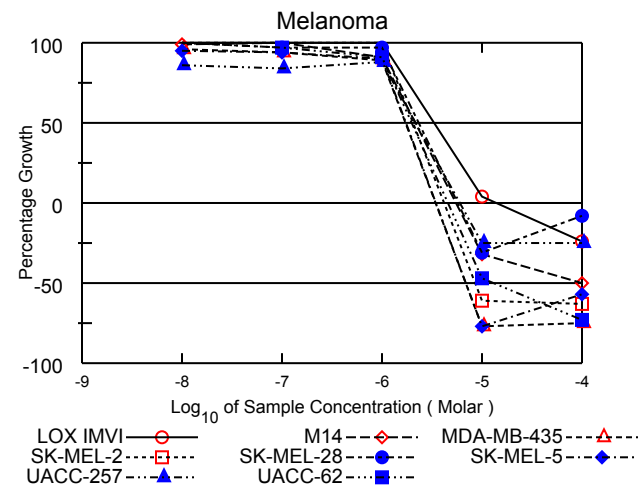
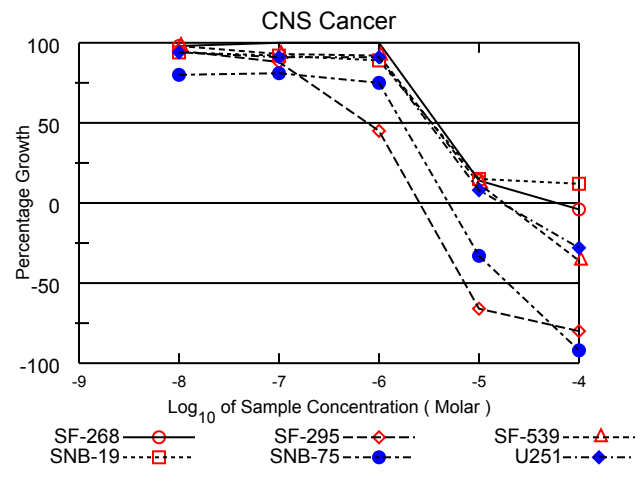
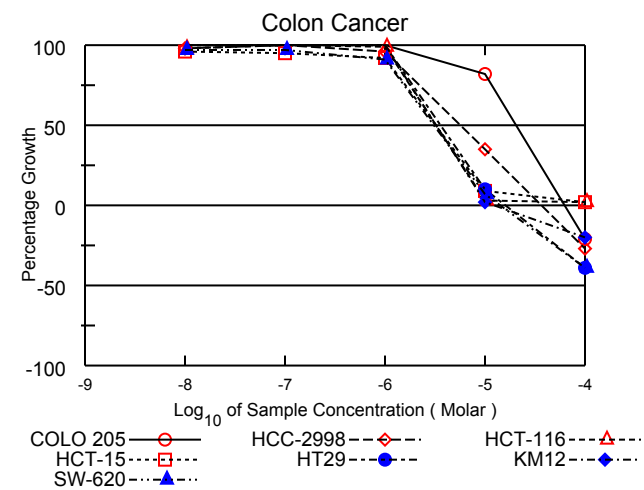
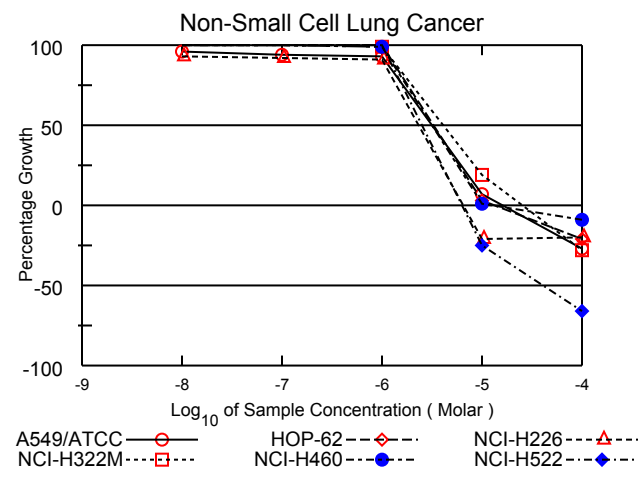
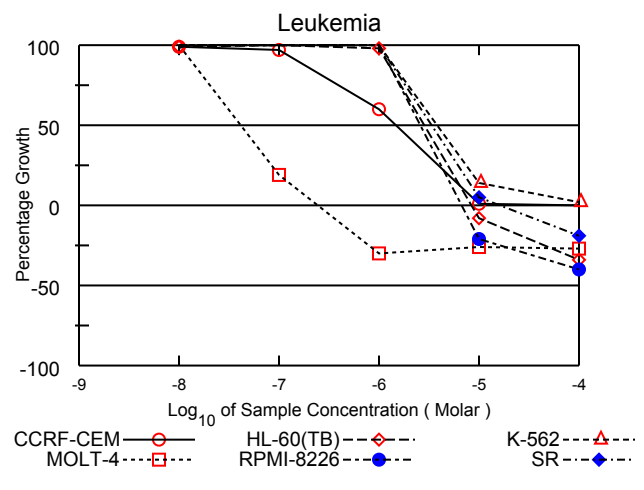
Test Date:April 08, 2013

All Cell Lines



S771820

Log₁₀ of Sample Concentration (Molar)



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 771820 / 1	Experiment ID : 1304NS55	Test Type : 08	Units : Molar
Report Date : December 09, 2013	Test Date : April 08, 2013	QNS :	MC :
COMI : A4371/0186627 (125309)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50		
	Time		Mean Optical Densities						Percent Growth								
	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	0.520	2.848	2.828	2.771	1.914	0.548	0.528	99	97	60	1	.	1.47E-6	> 1.00E-4	> 1.00E-4		
HL-60(TB)	1.055	2.921	2.896	2.919	2.877	0.968	0.692	99	100	98	-8	-34	2.82E-6	8.35E-6	> 1.00E-4		
K-562	0.205	1.684	1.785	1.735	1.750	0.408	0.235	107	103	104	14	2	3.98E-6	> 1.00E-4	> 1.00E-4		
MOLT-4	0.758	2.608	2.661	1.110	0.527	0.564	0.557	103	19	-30	-26	-27	4.27E-8	2.42E-7	> 1.00E-4		
RPMI-8226	0.779	2.614	2.643	2.631	2.749	0.618	0.466	102	101	107	-21	-40	2.80E-6	6.89E-6	> 1.00E-4		
SR	0.524	2.454	2.464	2.639	2.570	0.613	0.423	100	110	106	5	-19	3.57E-6	1.55E-5	> 1.00E-4		
Non-Small Cell Lung Cancer																	
A549/ATCC	0.519	1.992	1.927	1.903	1.892	0.623	0.380	96	94	93	7	-27	3.17E-6	1.62E-5	> 1.00E-4		
HOP-62	0.689	2.053	2.087	2.131	2.126	0.735	0.547	102	106	105	3	-21	3.49E-6	1.38E-5	> 1.00E-4		
NCI-H226	1.253	2.500	2.408	2.405	2.387	0.987	1.004	93	92	91	-21	-20	2.32E-6	6.47E-6	> 1.00E-4		
NCI-H322M	0.599	1.528	1.539	1.572	1.523	0.777	0.434	101	105	99	19	-28	4.13E-6	2.56E-5	> 1.00E-4		
NCI-H460	0.340	3.001	3.004	3.065	2.970	0.365	0.308	100	102	99	1	-9	3.15E-6	1.23E-5	> 1.00E-4		
NCI-H522	1.247	2.357	2.361	2.452	2.487	0.932	0.425	100	109	112	-25	-66	2.82E-6	6.54E-6	4.05E-5		
Colon Cancer																	
COLO 205	0.470	2.012	2.099	2.056	2.165	1.735	0.369	106	103	110	82	-21	2.04E-5	6.20E-5	> 1.00E-4		
HCC-2998	0.528	1.786	1.763	1.822	1.737	0.970	0.386	98	103	96	35	-27	5.70E-6	3.68E-5	> 1.00E-4		
HCT-116	0.264	2.236	2.206	2.232	2.219	0.323	0.300	98	100	99	3	2	3.24E-6	> 1.00E-4	> 1.00E-4		
HCT-15	0.331	2.353	2.281	2.252	2.184	0.510	0.368	96	95	92	9	2	3.18E-6	> 1.00E-4	> 1.00E-4		
HT29	0.260	1.228	1.258	1.290	1.297	0.358	0.159	103	106	107	10	-39	3.88E-6	1.61E-5	> 1.00E-4		
KM12	0.665	3.106	3.171	3.228	3.131	0.715	0.533	103	105	101	2	-20	3.28E-6	1.24E-5	> 1.00E-4		
SW-620	0.408	2.526	2.466	2.457	2.344	0.562	0.250	97	97	91	7	-39	3.10E-6	1.44E-5	> 1.00E-4		
CNS Cancer																	
SF-268	0.612	2.118	2.090	2.199	2.164	0.823	0.589	98	105	103	14	-4	3.94E-6	6.14E-5	> 1.00E-4		
SF-295	0.899	2.475	2.402	2.286	1.613	0.308	0.184	95	88	45	-66	-80	7.77E-7	2.56E-6	7.22E-6		
SF-539	0.979	2.798	2.758	2.664	2.653	1.196	0.629	98	93	92	12	-36	3.35E-6	1.78E-5	> 1.00E-4		
SNB-19	0.755	2.272	2.186	2.146	2.111	0.978	0.931	94	92	89	15	12	3.37E-6	> 1.00E-4	> 1.00E-4		
SNB-75	0.959	1.916	1.728	1.731	1.678	0.639	0.075	80	81	75	-33	-92	1.70E-6	4.92E-6	1.91E-5		
U251	0.585	2.075	1.990	1.948	1.943	0.702	0.423	94	91	91	8	-28	3.12E-6	1.66E-5	> 1.00E-4		
Melanoma																	
LOX IMVI	0.658	2.996	3.004	3.080	3.010	0.759	0.499	100	104	101	4	-24	3.35E-6	1.42E-5	> 1.00E-4		
M14	0.546	2.125	2.107	2.133	1.985	0.369	0.272	99	101	91	-32	-50	2.15E-6	5.47E-6	9.65E-5		
MDA-MB-435	0.544	2.189	2.127	2.088	2.001	0.127	0.134	96	94	89	-77	-75	1.71E-6	3.44E-6	6.90E-6		
SK-MEL-2	0.753	1.192	1.258	1.298	1.240	0.292	0.279	115	124	111	-61	-63	2.26E-6	4.41E-6	8.60E-6		
SK-MEL-28	0.592	1.580	1.584	1.555	1.546	0.411	0.545	100	97	97	-31	-8	2.32E-6	5.75E-6	> 1.00E-4		
SK-MEL-5	0.929	2.847	2.745	2.740	2.663	0.213	0.401	95	94	90	-77	-57	1.74E-6	3.47E-6	6.89E-6		
UACC-257	0.905	1.661	1.558	1.537	1.568	0.678	0.681	86	84	88	-25	-25	2.16E-6	5.99E-6	> 1.00E-4		
UACC-62	0.902	2.722	2.739	2.662	2.555	0.476	0.247	101	97	91	-47	-73	1.98E-6	4.55E-6	1.29E-5		
Ovarian Cancer																	
IGROV1	0.486	1.618	1.649	1.671	1.677	0.427	0.370	103	105	105	-12	-24	2.95E-6	7.88E-6	> 1.00E-4		
OVCAR-3	0.705	2.064	2.134	2.244	2.119	0.599	0.413	105	113	104	-15	-41	2.84E-6	7.48E-6	> 1.00E-4		
OVCAR-4	0.559	1.125	1.080	1.087	1.027	0.642	0.284	92	93	83	15	-49	3.02E-6	1.69E-5	> 1.00E-4		
OVCAR-5	0.593	1.433	1.358	1.299	1.322	1.054	0.273	91	84	87	55	-54	1.11E-5	3.19E-5	9.18E-5		
OVCAR-8	0.588	2.123	2.089	2.073	2.021	0.595	0.404	98	97	93	.	-31	2.93E-6	1.03E-5	> 1.00E-4		
NCI/ADR-RES	0.543	2.091	2.183	2.200	2.179	1.214	0.623	106	107	106	43	5	7.81E-6	> 1.00E-4	> 1.00E-4		
SK-OV-3	0.584	1.515	1.565	1.547	1.622	0.408	0.368	105	103	111	-30	-37	2.72E-6	6.12E-6	> 1.00E-4		
Renal Cancer																	
786-0	0.584	2.453	2.433	2.503	2.378	0.734	0.131	99	103	96	8	-78	3.33E-6	1.24E-5	4.76E-5		
A498	1.700	2.657	2.516	2.426	2.404	1.258	0.218	85	76	74	-26	-87	1.72E-6	5.48E-6	2.47E-5		
ACHN	0.411	1.875	1.967	1.865	1.934	0.472	0.482	106	99	104	4	5	3.47E-6	> 1.00E-4	> 1.00E-4		
CAKI-1	0.648	2.336	2.365	2.361	2.363	0.412	0.563	102	101	102	-36	-13	2.36E-6	5.44E-6	> 1.00E-4		
RXF 393	0.948	1.700	1.668	1.682	1.661	0.606	0.119	96	98	95	-36	-87	2.20E-6	5.30E-6	1.87E-5		
SN12C	0.643	2.567	2.522	2.416	2.430	0.945	0.670	98	92	93	16	1	3.59E-6	> 1.00E-4	> 1.00E-4		
UO-31	0.655	1.772	1.662	1.683	1.627	0.563	0.455	90	92	87	-14	-31	2.32E-6	7.26E-6	> 1.00E-4		
Prostate Cancer																	
PC-3	0.698	2.327	2.233	2.228	2.190	0.889	0.638	94	94	92	12	-9	3.32E-6	3.78E-5	> 1.00E-4		
DU-145	0.460	1.794	1.870	1.976	1.908	0.816	0.409	106	114	109	27	-11	5.19E-6	5.09E-5	> 1.00E-4		
Breast Cancer																	
MCF7	0.419	2.310	2.178	2.129	2.107	0.505	0.515	93	90	89	5	5	2.91E-6	> 1.00E-4	> 1.00E-4		
MDA-MB-231/ATCC	0.681	1.541	1.574	1.556	1.528	0.532	0.203	104	102	98	-22	-70	2.53E-6	6.58E-6	3.81E-5		
HS 578T	1.268	2.165	2.124	2.115	1.918	1.222	1.005	95	94	72	-4	-21	1.97E-6	8.95E-6	> 1.00E-4		
BT-549	1.240	2.380	2.358	2.514	2.446	1.170	0.092	98	112	106	-6	-93	3.17E-6	8.89E-6	3.24E-5		
MDA-MB-468	0.767	1.596	1.582	1.488	1.507	0.639	0.522	98	87	89	-17	-32	2.35E-6	6.95E-6	> 1.00E-4		

Mean Graphs

Report Date :December 09, 2013

Test Date :April 08, 2013

