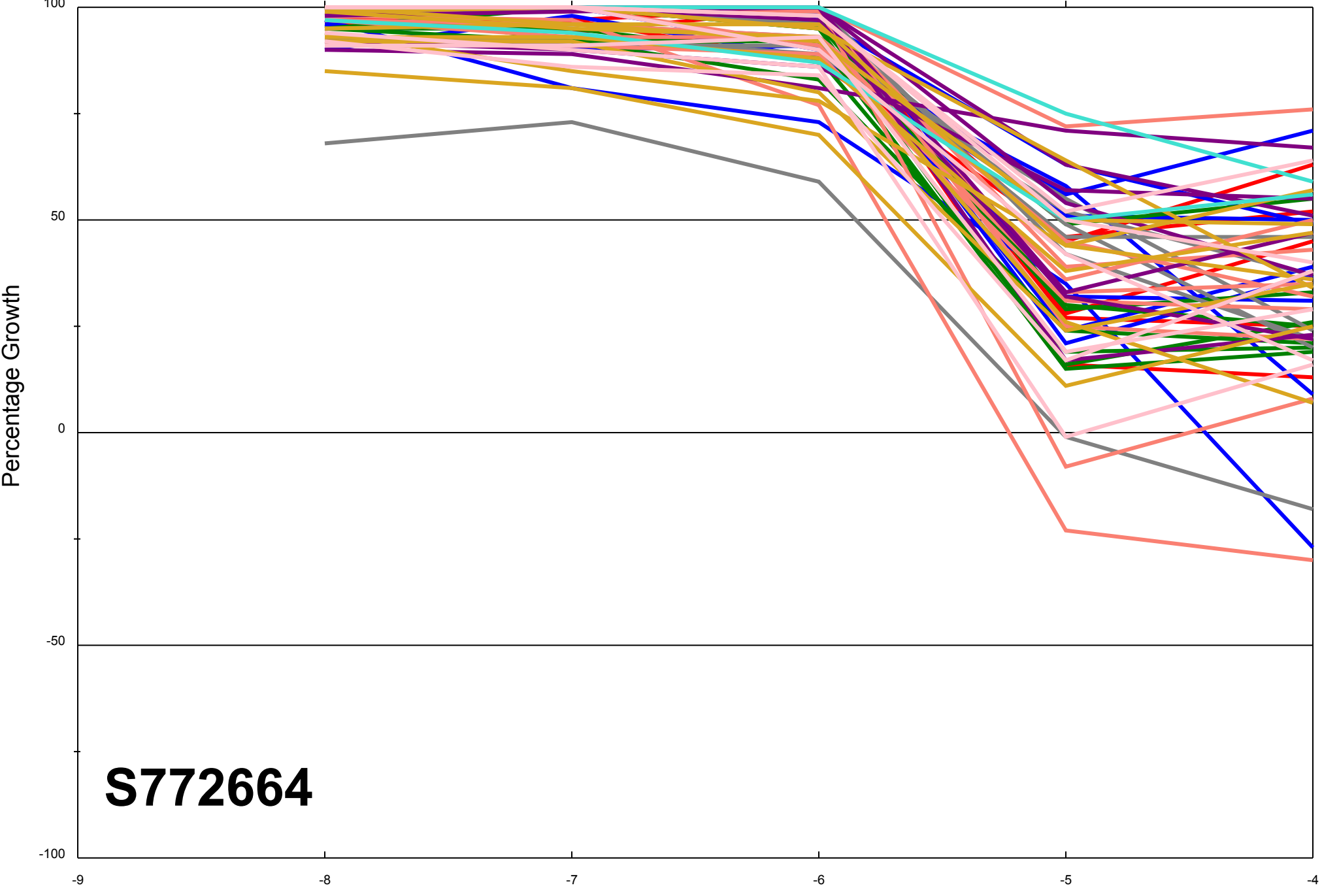


Dose Response Curves

Report Date:December 09, 2013

Test Date:May 13, 2013

All Cell Lines



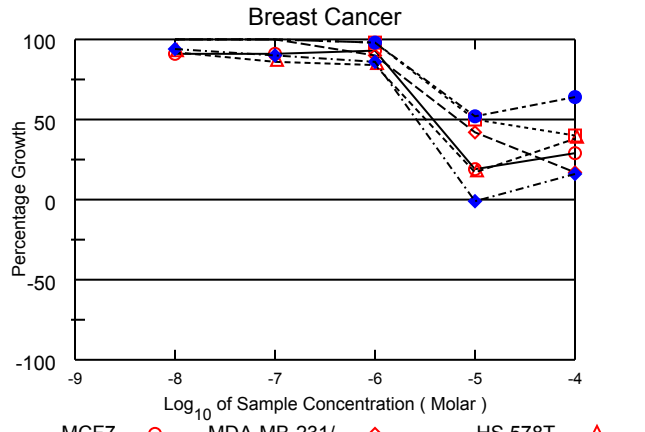
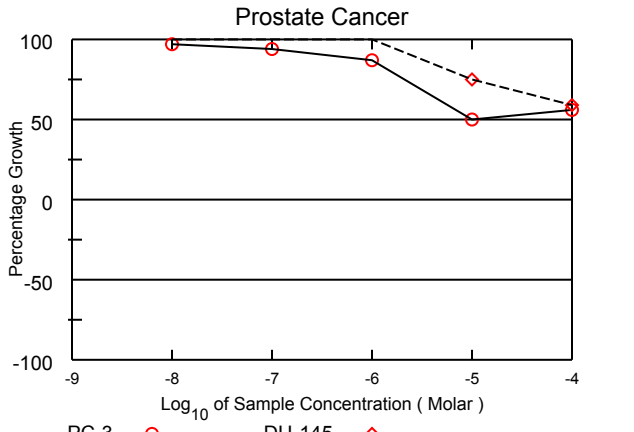
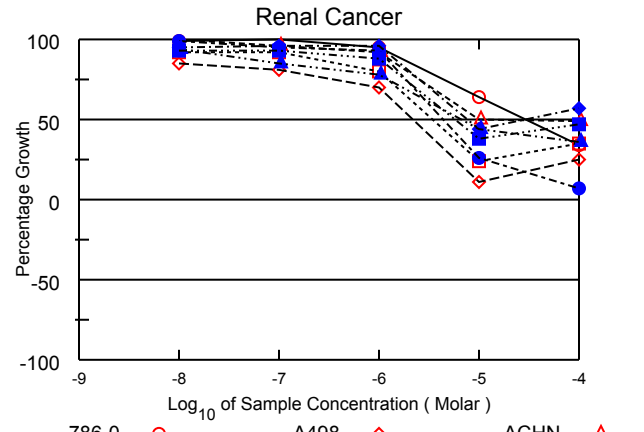
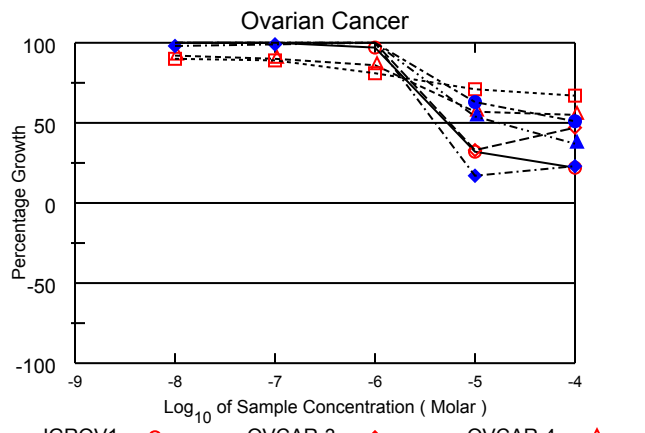
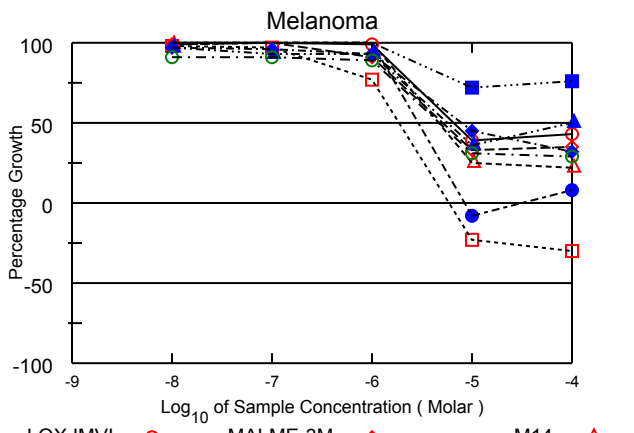
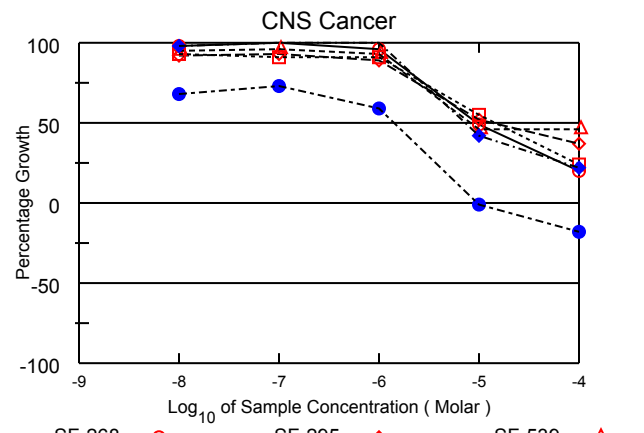
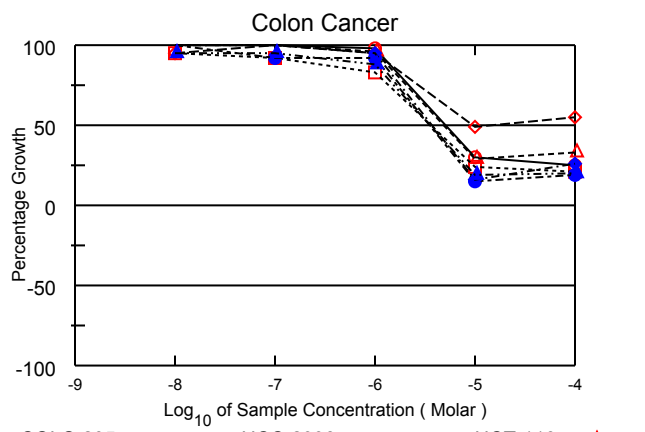
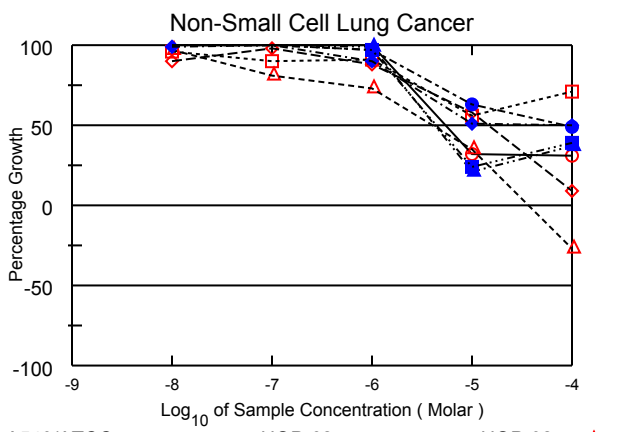
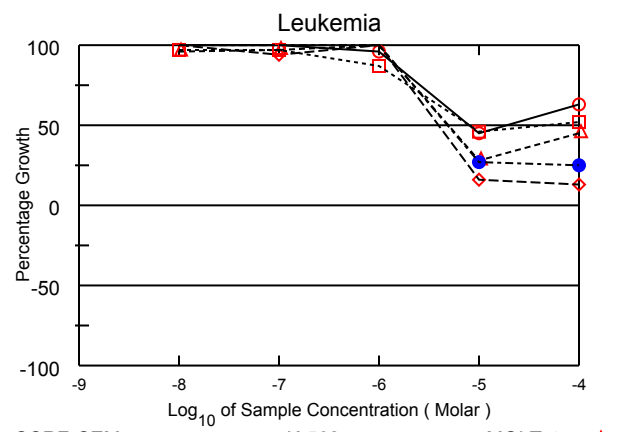
S772664

Log₁₀ of Sample Concentration (Molar)

Dose Response Curves

Report Date: December 09, 2013

Test Date: May 13, 2013



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 772664 / 1	Experiment ID : 1305NS81	Test Type : 08	Units : Molar
Report Date : December 09, 2013	Test Date : May 13, 2013	QNS :	MC :
COMI : A3502/0148420 (126513)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50	
	Time Zero	Mean Optical Densities						Percent Growth								
		Ctrl	-8.0	-7.0	-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0				
Leukemia																
CCRF-CEM	0.446	1.942	2.033	2.046	1.888	1.118	1.394	106	107	96	45	63	.	> 1.00E-4	> 1.00E-4	
K-562	0.161	1.680	1.777	1.593	1.837	0.406	0.355	106	94	110	16	13	4.37E-6	> 1.00E-4	> 1.00E-4	
MOLT-4	0.551	2.112	2.050	2.067	2.290	0.996	1.260	96	97	111	28	45	5.50E-6	> 1.00E-4	> 1.00E-4	
RPMI-8226	0.787	2.630	2.572	2.581	2.391	1.631	1.741	97	97	87	46	52	.	> 1.00E-4	> 1.00E-4	
SR	0.256	1.105	1.106	1.133	1.109	0.487	0.466	100	103	101	27	25	4.89E-6	> 1.00E-4	> 1.00E-4	
Non-Small Cell Lung Cancer																
A549/ATCC	0.392	1.555	1.595	1.654	1.627	0.762	0.756	103	108	106	32	31	5.69E-6	> 1.00E-4	> 1.00E-4	
HOP-62	0.547	1.228	1.162	1.215	1.145	0.942	0.610	90	98	88	58	9	1.46E-5	> 1.00E-4	> 1.00E-4	
HOP-92	0.890	1.375	1.362	1.282	1.245	1.060	0.650	97	81	73	35	-27	4.04E-6	3.67E-5	> 1.00E-4	
NCI-H226	0.897	1.672	1.640	1.597	1.599	1.328	1.449	96	90	91	56	71	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI-H23	0.782	2.271	2.292	2.268	2.230	1.716	1.515	101	100	97	63	49	8.70E-5	> 1.00E-4	> 1.00E-4	
NCI-H322M	0.777	1.687	1.675	1.723	1.597	1.240	1.230	99	104	90	51	50	5.78E-5	> 1.00E-4	> 1.00E-4	
NCI-H460	0.256	2.587	2.661	2.602	2.568	0.743	1.122	103	101	99	21	37	4.25E-6	> 1.00E-4	> 1.00E-4	
NCI-H522	1.002	2.018	2.014	2.104	1.986	1.249	1.400	100	108	97	24	39	4.42E-6	> 1.00E-4	> 1.00E-4	
Colon Cancer																
COLO 205	0.552	2.360	2.375	2.408	2.316	1.089	1.010	101	103	98	30	25	5.02E-6	> 1.00E-4	> 1.00E-4	
HCC-2998	0.620	2.497	2.405	2.506	2.402	1.544	1.659	95	100	95	49	55	.	> 1.00E-4	> 1.00E-4	
HCT-116	0.244	2.165	2.214	2.230	2.087	0.793	0.873	103	103	96	29	33	4.81E-6	> 1.00E-4	> 1.00E-4	
HCT-15	0.335	2.254	2.162	2.109	1.932	0.786	0.733	95	92	83	24	21	3.60E-6	> 1.00E-4	> 1.00E-4	
HT29	0.267	1.379	1.387	1.285	1.295	0.439	0.474	101	92	92	15	19	3.55E-6	> 1.00E-4	> 1.00E-4	
KM12	0.649	2.671	2.799	2.798	2.569	0.974	1.166	106	106	95	16	26	3.71E-6	> 1.00E-4	> 1.00E-4	
SW-620	0.291	2.098	2.014	2.016	1.881	0.631	0.644	95	95	88	19	20	3.54E-6	> 1.00E-4	> 1.00E-4	
CNS Cancer																
SF-268	0.542	1.679	1.662	1.712	1.639	1.101	0.765	98	103	96	49	20	9.61E-6	> 1.00E-4	> 1.00E-4	
SF-295	0.947	2.906	2.755	2.769	2.693	1.962	1.665	92	93	89	52	37	1.31E-5	> 1.00E-4	> 1.00E-4	
SF-539	1.010	3.109	3.002	3.017	2.956	1.971	1.980	95	96	93	46	46	8.14E-6	> 1.00E-4	> 1.00E-4	
SNB-19	0.824	2.135	2.042	2.018	2.013	1.548	1.134	93	91	91	55	24	1.46E-5	> 1.00E-4	> 1.00E-4	
SNB-75	1.116	1.816	1.595	1.629	1.529	1.102	0.914	68	73	59	-1	-18	1.41E-6	9.52E-6	> 1.00E-4	
U251	0.544	1.998	1.972	2.079	2.073	1.155	0.864	98	106	105	42	22	7.48E-6	> 1.00E-4	> 1.00E-4	
Melanoma																
LOX IMVI	0.253	1.826	1.854	1.847	1.808	0.861	0.926	102	101	99	39	43	6.48E-6	> 1.00E-4	> 1.00E-4	
MALME-3M	0.647	1.049	1.043	1.056	1.012	0.780	0.789	99	102	91	33	35	5.09E-6	> 1.00E-4	> 1.00E-4	
M14	0.568	2.457	2.434	2.519	2.467	1.035	0.980	99	103	101	25	22	4.64E-6	> 1.00E-4	> 1.00E-4	
MDA-MB-435	0.566	2.414	2.374	2.356	1.997	0.435	0.399	98	97	77	-23	-30	1.87E-6	5.89E-6	> 1.00E-4	
SK-MEL-2	0.808	1.435	1.539	1.529	1.470	0.747	0.857	117	115	106	-8	8	3.10E-6	.	> 1.00E-4	
SK-MEL-28	0.560	1.545	1.517	1.506	1.473	1.004	0.878	97	96	93	45	32	7.89E-6	> 1.00E-4	> 1.00E-4	
SK-MEL-5	0.694	3.052	2.983	2.896	2.882	1.541	1.883	97	93	93	36	50	.	> 1.00E-4	> 1.00E-4	
UACC-257	0.928	1.729	1.737	1.801	1.803	1.508	1.540	101	109	109	72	76	> 1.00E-4	> 1.00E-4	> 1.00E-4	
UACC-62	0.977	2.755	2.596	2.592	2.556	1.520	1.499	91	91	89	31	29	4.63E-6	> 1.00E-4	> 1.00E-4	
Ovarian Cancer																
IGROV1	0.568	1.365	1.400	1.418	1.338	0.823	0.745	104	107	97	32	22	5.25E-6	> 1.00E-4	> 1.00E-4	
OVCAR-3	0.604	1.786	1.838	1.874	1.836	0.997	1.156	104	107	104	33	47	5.80E-6	> 1.00E-4	> 1.00E-4	
OVCAR-4	0.407	1.030	0.983	0.965	0.942	0.763	0.752	92	90	86	57	55	> 1.00E-4	> 1.00E-4	> 1.00E-4	
OVCAR-5	0.500	1.597	1.493	1.476	1.388	1.276	1.234	90	89	81	71	67	> 1.00E-4	> 1.00E-4	> 1.00E-4	
OVCAR-8	0.523	1.665	1.733	1.784	1.768	1.241	1.106	106	110	109	63	51	> 1.00E-4	> 1.00E-4	> 1.00E-4	
NCI/ADR-RES	0.527	1.808	1.785	1.801	1.856	0.745	0.816	98	99	104	17	23	4.16E-6	> 1.00E-4	> 1.00E-4	
SK-OV-3	0.671	1.685	1.691	1.717	1.689	1.217	1.046	101	103	100	54	37	1.68E-5	> 1.00E-4	> 1.00E-4	
Renal Cancer																
786-0	0.796	2.679	2.660	2.683	2.584	2.002	1.431	99	100	95	64	34	2.91E-5	> 1.00E-4	> 1.00E-4	
A498	1.617	2.437	2.312	2.283	2.195	1.704	1.822	85	81	70	11	25	2.20E-6	> 1.00E-4	> 1.00E-4	
ACHN	0.402	2.139	2.144	2.074	2.001	1.276	1.251	100	96	92	50	49	1.60E-5	> 1.00E-4	> 1.00E-4	
CAKI-1	0.866	2.707	2.556	2.558	2.345	1.314	1.516	92	92	80	24	35	3.48E-6	> 1.00E-4	> 1.00E-4	
RXF 393	0.973	1.847	1.840	1.802	1.787	1.203	1.039	99	95	93	26	7	4.42E-6	> 1.00E-4	> 1.00E-4	
SN12C	0.764	2.922	2.816	2.833	2.837	1.712	1.989	95	96	96	44	57	.	> 1.00E-4	> 1.00E-4	
TK-10	0.767	1.428	1.387	1.328	1.283	1.060	1.008	94	85	78	44	36	6.78E-6	> 1.00E-4	> 1.00E-4	
UO-31	0.656	1.788	1.709	1.705	1.653	1.085	1.184	93	93	88	38	47	5.72E-6	> 1.00E-4	> 1.00E-4	
Prostate Cancer																
PC-3	0.803	2.262	2.213	2.175	2.069	1.530	1.619	97	94	87	50	56	.	> 1.00E-4	> 1.00E-4	
DU-145	0.417	1.595	1.633	1.693	1.678	1.299	1.117	103	108	107	75	59	> 1.00E-4	> 1.00E-4	> 1.00E-4	
Breast Cancer																
MCF7	0.588	2.574	2.389	2.403	2.433	0.957	1.157	91	91	93	19	29	3.78E-6	> 1.00E-4	> 1.00E-4	
MDA-MB-231/ATCC	0.610	1.614	1.610	1.613	1.514	1.033	0.779	100	100	90	42	17	6.84E-6	> 1.00E-4	> 1.00E-4	
HS 578T	1.511	2.417	2.348	2.286	2.270	1.661	1.857	92	86	84	17	38	3.18E-6	> 1.00E-4	> 1.00E-4	
BT-549	1.110	2.551	2.560	2.589	2.518	1.825	1.682	101	103	98	50	40	9.80E-6	> 1.00E-4	> 1.00E-4	
T-47D	0.779	1.632	1.657	1.663	1.615	1.226	1.322	103	104	98	52	64	> 1.00E-4	> 1.00E-4	> 1.00E-4	
MDA-MB-468	0.742	1.620	1.568	1.529	1.500	0.735	0.884	94	90	86	-1	16	2.61E-6	.	> 1.00E-4	

Mean Graphs

Report Date :December 09, 2013

Test Date :May 13, 2013

