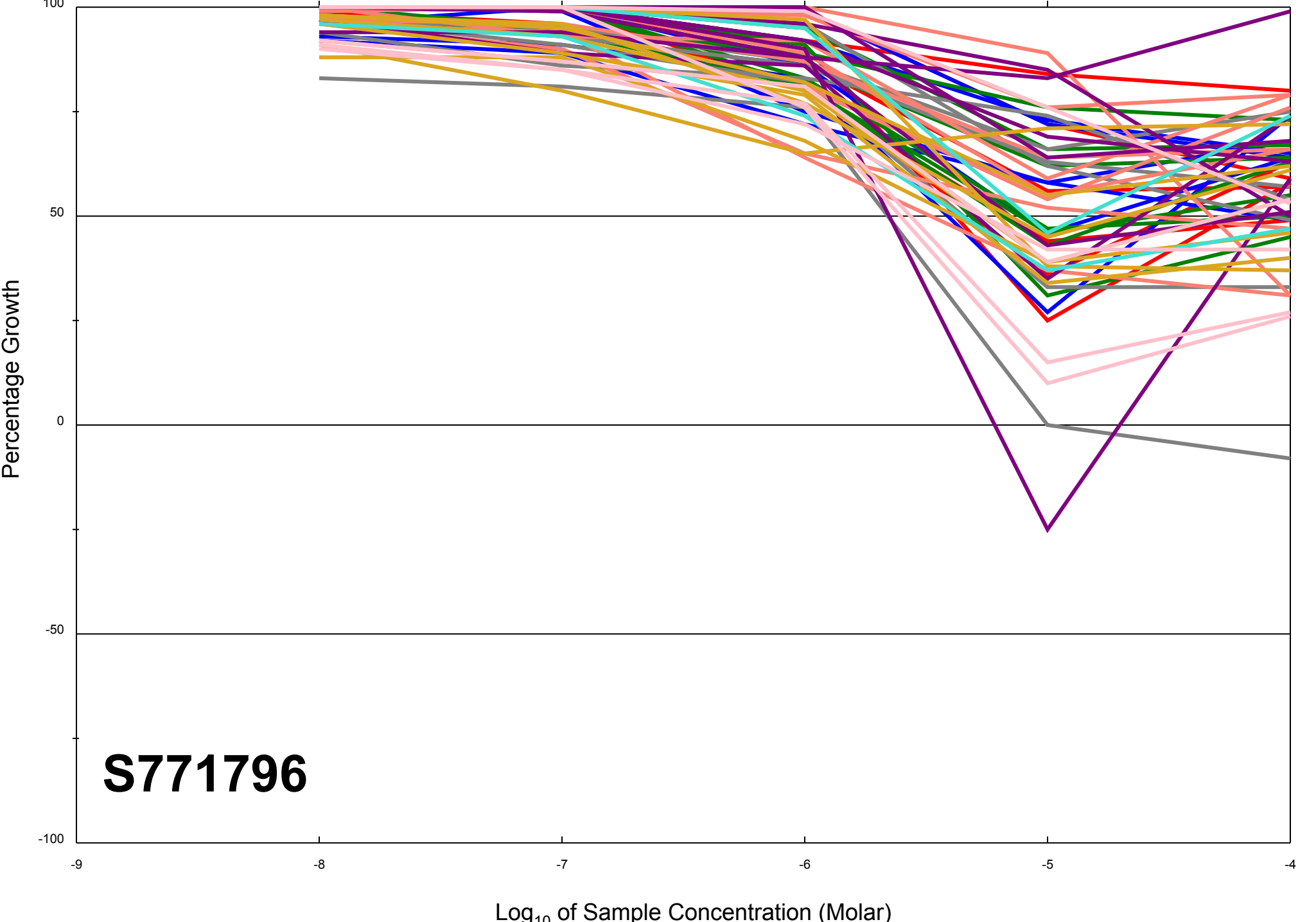


Dose Response Curves

Report Date:November 13, 2013

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All Cell Lines

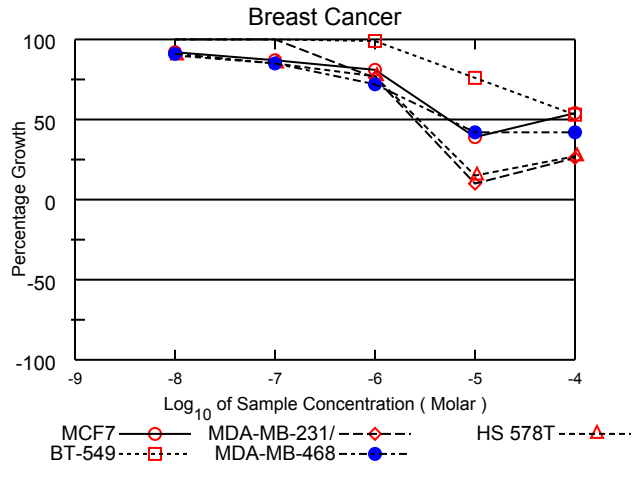
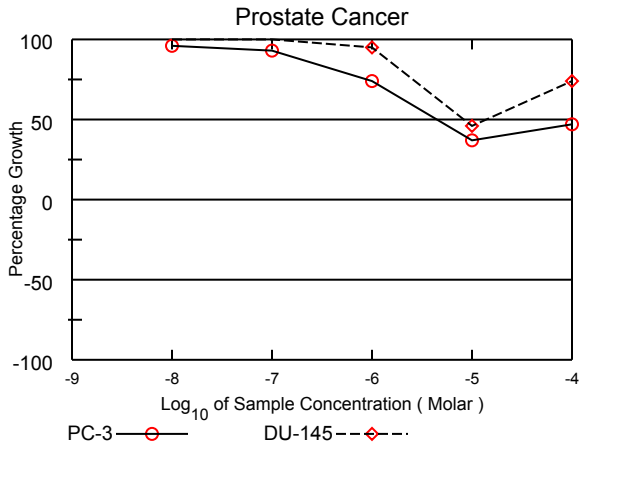
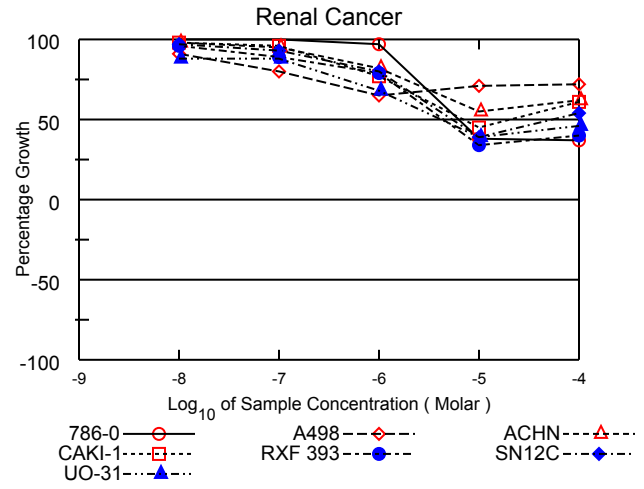
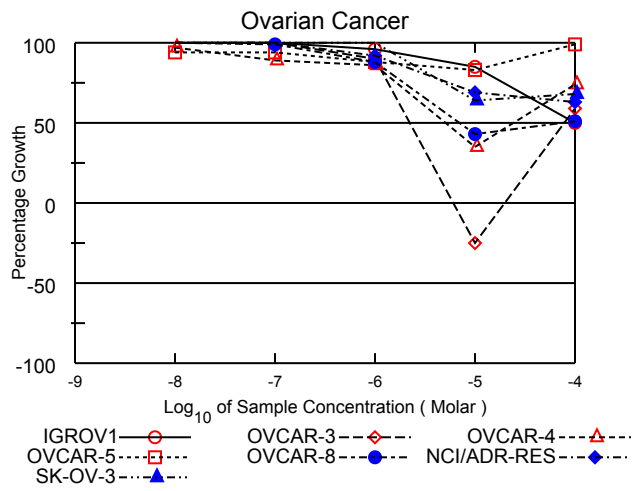
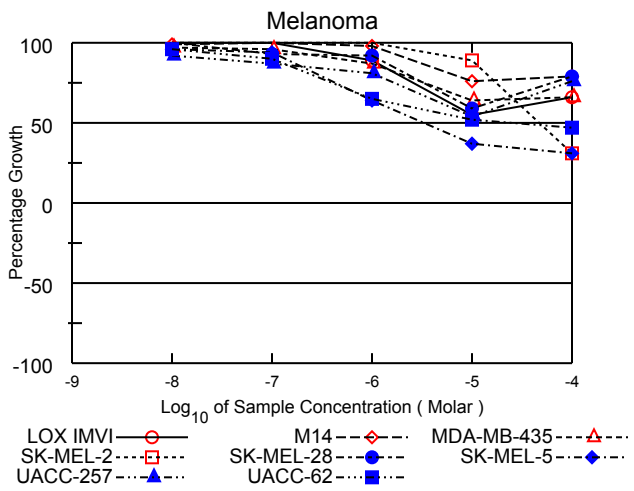
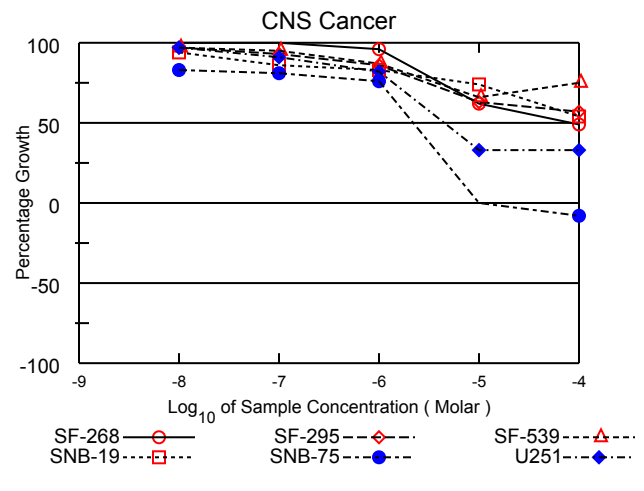
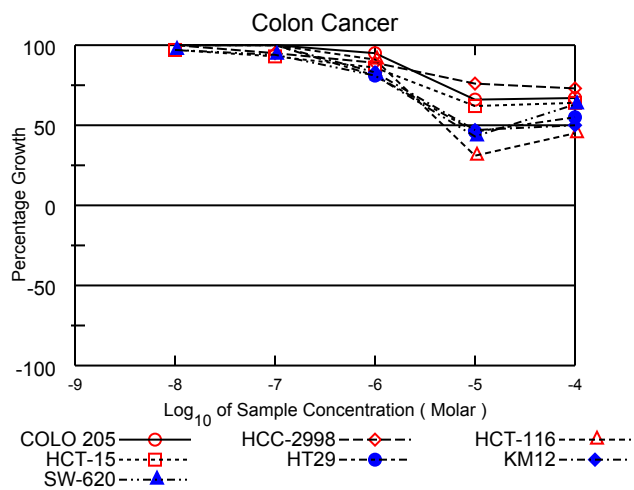
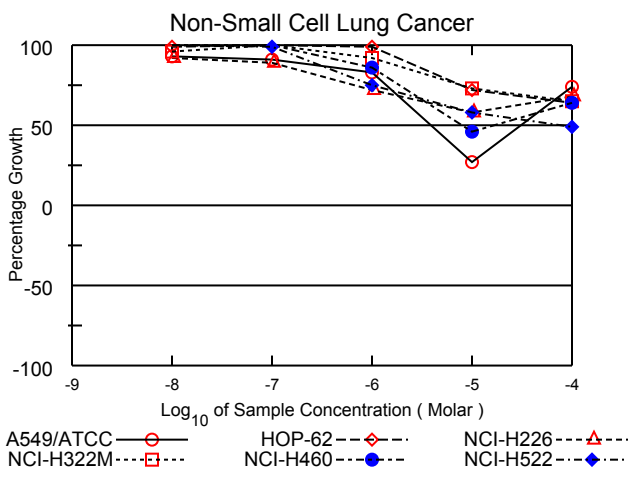
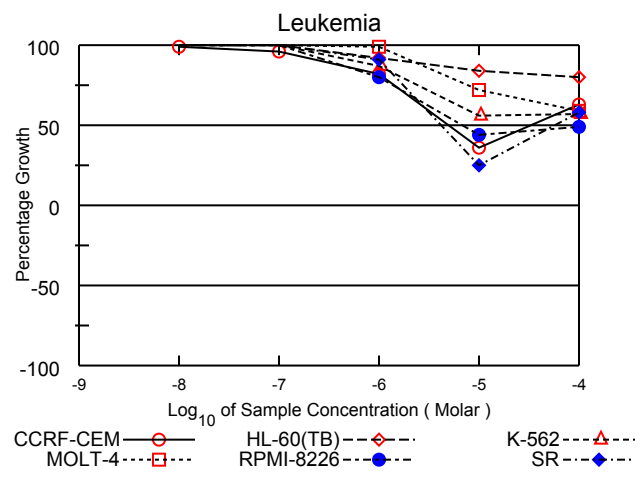


S771796

Dose Response Curves

Report Date: November 13, 2013

Test Date: April 08, 2013



National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 771796 / 1	Experiment ID : 1304NS55	Test Type : 08	Units : Molar
Report Date : November 13, 2013	Test Date : April 08, 2013	QNS :	MC :
COMI : A1791/0075911 (124453)	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	0.520	2.921	2.886	2.824	2.497	1.376	2.038	99	96	82	36	63	.	> 1.00E-4	> 1.00E-4
HL-60(TB)	1.055	3.005	2.998	3.070	2.841	2.695	2.623	100	103	92	84	80	> 1.00E-4	> 1.00E-4	> 1.00E-4
K-562	0.205	1.814	1.870	1.895	1.599	1.102	1.121	103	105	87	56	57	> 1.00E-4	> 1.00E-4	> 1.00E-4
MOLT-4	0.758	2.744	2.852	2.955	2.731	2.181	1.935	105	111	99	72	59	> 1.00E-4	> 1.00E-4	> 1.00E-4
RPMI-8226	0.779	2.762	2.798	2.757	2.366	1.653	1.743	102	100	80	44	49	6.83E-6	> 1.00E-4	> 1.00E-4
SR	0.524	2.552	2.567	2.613	2.367	1.035	1.699	101	103	91	25	58	.	> 1.00E-4	> 1.00E-4
Non-Small Cell Lung Cancer															
A549/ATCC	0.519	2.120	2.006	1.984	1.848	0.957	1.703	93	91	83	27	74	.	> 1.00E-4	> 1.00E-4
HOP-62	0.689	2.239	2.224	2.247	2.224	1.808	1.677	99	101	99	72	64	> 1.00E-4	> 1.00E-4	> 1.00E-4
NCI-H226	1.253	2.457	2.363	2.331	2.119	1.956	2.077	92	89	72	58	68	> 1.00E-4	> 1.00E-4	> 1.00E-4
NCI-H322M	0.599	1.630	1.585	1.659	1.553	1.354	1.273	96	103	92	73	65	> 1.00E-4	> 1.00E-4	> 1.00E-4
NCI-H460	0.340	3.073	3.078	3.092	2.702	1.600	2.077	100	101	86	46	64	.	> 1.00E-4	> 1.00E-4
NCI-H522	1.247	2.326	2.370	2.317	2.055	1.877	1.777	104	99	75	58	49	7.97E-5	> 1.00E-4	> 1.00E-4
Colon Cancer															
COLO 205	0.470	2.050	2.107	2.147	1.971	1.506	1.532	104	106	95	66	67	> 1.00E-4	> 1.00E-4	> 1.00E-4
HCC-2998	0.528	1.760	1.762	1.703	1.626	1.467	1.425	100	95	89	76	73	> 1.00E-4	> 1.00E-4	> 1.00E-4
HCT-116	0.264	2.436	2.441	2.445	2.236	0.930	1.244	100	100	91	31	45	4.77E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.331	2.442	2.387	2.304	2.139	1.643	1.685	97	93	86	62	64	> 1.00E-4	> 1.00E-4	> 1.00E-4
HT29	0.260	1.284	1.338	1.325	1.092	0.733	0.823	105	104	81	46	55	.	> 1.00E-4	> 1.00E-4
KM12	0.665	2.823	2.905	2.878	2.447	1.676	1.755	104	103	83	47	50	.	> 1.00E-4	> 1.00E-4
SW-620	0.408	2.664	2.607	2.528	2.227	1.389	1.825	97	94	81	43	63	.	> 1.00E-4	> 1.00E-4
CNS Cancer															
SF-268	0.612	2.041	2.070	2.107	1.988	1.491	1.306	102	105	96	62	49	7.75E-5	> 1.00E-4	> 1.00E-4
SF-295	0.899	2.560	2.505	2.444	2.335	1.944	1.846	97	93	86	63	57	> 1.00E-4	> 1.00E-4	> 1.00E-4
SF-539	0.979	2.805	2.753	2.708	2.570	2.178	2.353	97	95	87	66	75	> 1.00E-4	> 1.00E-4	> 1.00E-4
SNB-19	0.755	2.298	2.205	2.086	2.042	1.895	1.592	94	86	83	74	54	> 1.00E-4	> 1.00E-4	> 1.00E-4
SNB-75	0.959	1.792	1.652	1.636	1.589	0.959	0.886	83	81	76	.	-8	2.18E-6	9.98E-6	> 1.00E-4
U251	0.585	2.111	2.069	1.971	1.843	1.081	1.094	97	91	82	33	33	4.47E-6	> 1.00E-4	> 1.00E-4
Melanoma															
LOX IMVI	0.658	3.101	3.091	3.132	2.832	1.991	2.274	100	101	89	55	66	> 1.00E-4	> 1.00E-4	> 1.00E-4
M14	0.546	2.198	2.185	2.295	2.171	1.802	1.848	99	106	98	76	79	> 1.00E-4	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.544	2.263	2.211	2.190	2.043	1.639	1.682	97	96	87	64	66	> 1.00E-4	> 1.00E-4	> 1.00E-4
SK-MEL-2	0.753	1.205	1.216	1.254	1.242	1.155	0.895	103	111	108	89	31	4.75E-5	> 1.00E-4	> 1.00E-4
SK-MEL-28	0.592	1.519	1.553	1.451	1.443	1.140	1.328	104	93	92	59	79	> 1.00E-4	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.929	2.847	2.768	2.724	2.161	1.634	1.530	96	94	64	37	31	3.30E-6	> 1.00E-4	> 1.00E-4
UACC-257	0.905	1.715	1.646	1.612	1.557	1.343	1.519	92	87	81	54	76	> 1.00E-4	> 1.00E-4	> 1.00E-4
UACC-62	0.902	2.779	2.709	2.596	2.126	1.882	1.791	96	90	65	52	47	2.83E-5	> 1.00E-4	> 1.00E-4
Ovarian Cancer															
IGROV1	0.486	1.644	1.716	1.690	1.600	1.466	1.061	106	104	96	85	50	9.75E-5	> 1.00E-4	> 1.00E-4
OVCAR-3	0.705	1.947	2.008	2.073	1.826	0.530	1.441	105	110	90	-25	59	.	> 1.00E-4	> 1.00E-4
OVCAR-4	0.559	1.101	1.083	1.039	1.026	0.750	0.958	97	89	86	35	74	.	> 1.00E-4	> 1.00E-4
OVCAR-5	0.593	1.439	1.386	1.390	1.341	1.298	1.428	94	94	88	83	99	> 1.00E-4	> 1.00E-4	> 1.00E-4
OVCAR-8	0.588	2.205	2.202	2.183	2.018	1.281	1.417	100	99	88	43	51	.	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.543	2.125	2.215	2.158	2.006	1.634	1.544	106	102	92	69	63	> 1.00E-4	> 1.00E-4	> 1.00E-4
SK-OV-3	0.584	1.529	1.584	1.659	1.630	1.193	1.228	106	114	111	64	68	> 1.00E-4	> 1.00E-4	> 1.00E-4
Renal Cancer															
786-0	0.584	2.514	2.564	2.628	2.453	1.317	1.295	103	106	97	38	37	6.24E-6	> 1.00E-4	> 1.00E-4
A498	1.700	2.596	2.511	2.418	2.280	2.339	2.342	91	80	65	71	72	> 1.00E-4	> 1.00E-4	> 1.00E-4
ACHN	0.411	2.022	1.985	1.936	1.737	1.296	1.413	98	95	82	55	62	> 1.00E-4	> 1.00E-4	> 1.00E-4
CAKI-1	0.648	2.632	2.587	2.546	2.181	1.545	1.859	98	96	77	45	61	.	> 1.00E-4	> 1.00E-4
RXF 393	0.948	1.795	1.762	1.704	1.619	1.233	1.283	96	89	79	34	40	4.37E-6	> 1.00E-4	> 1.00E-4
SN12C	0.643	2.672	2.612	2.534	2.267	1.430	1.730	97	93	80	39	54	.	> 1.00E-4	> 1.00E-4
UO-31	0.655	1.865	1.714	1.719	1.480	1.123	1.216	88	88	68	39	46	4.13E-6	> 1.00E-4	> 1.00E-4
Prostate Cancer															
PC-3	0.698	2.358	2.300	2.240	1.922	1.310	1.483	96	93	74	37	47	4.40E-6	> 1.00E-4	> 1.00E-4
DU-145	0.460	1.652	1.709	1.773	1.591	1.010	1.341	105	110	95	46	74	.	> 1.00E-4	> 1.00E-4
Breast Cancer															
MCF7	0.419	2.268	2.120	2.033	1.916	1.147	1.415	92	87	81	39	54	.	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.681	1.569	1.584	1.589	1.353	0.771	0.913	102	102	76	10	26	2.46E-6	> 1.00E-4	> 1.00E-4
HS 578T	1.268	2.314	2.211	2.159	2.074	1.421	1.550	90	85	77	15	27	2.71E-6	> 1.00E-4	> 1.00E-4
BT-549	1.240	2.409	2.447	2.481	2.403	2.126	1.856	103	106	99	76	53	> 1.00E-4	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.767	1.691	1.606	1.553	1.431	1.159	1.154	91	85	72	42	42	5.54E-6	> 1.00E-4	> 1.00E-4

Mean Graphs

Report Date :November 13, 2013

Test Date :April 08, 2013

