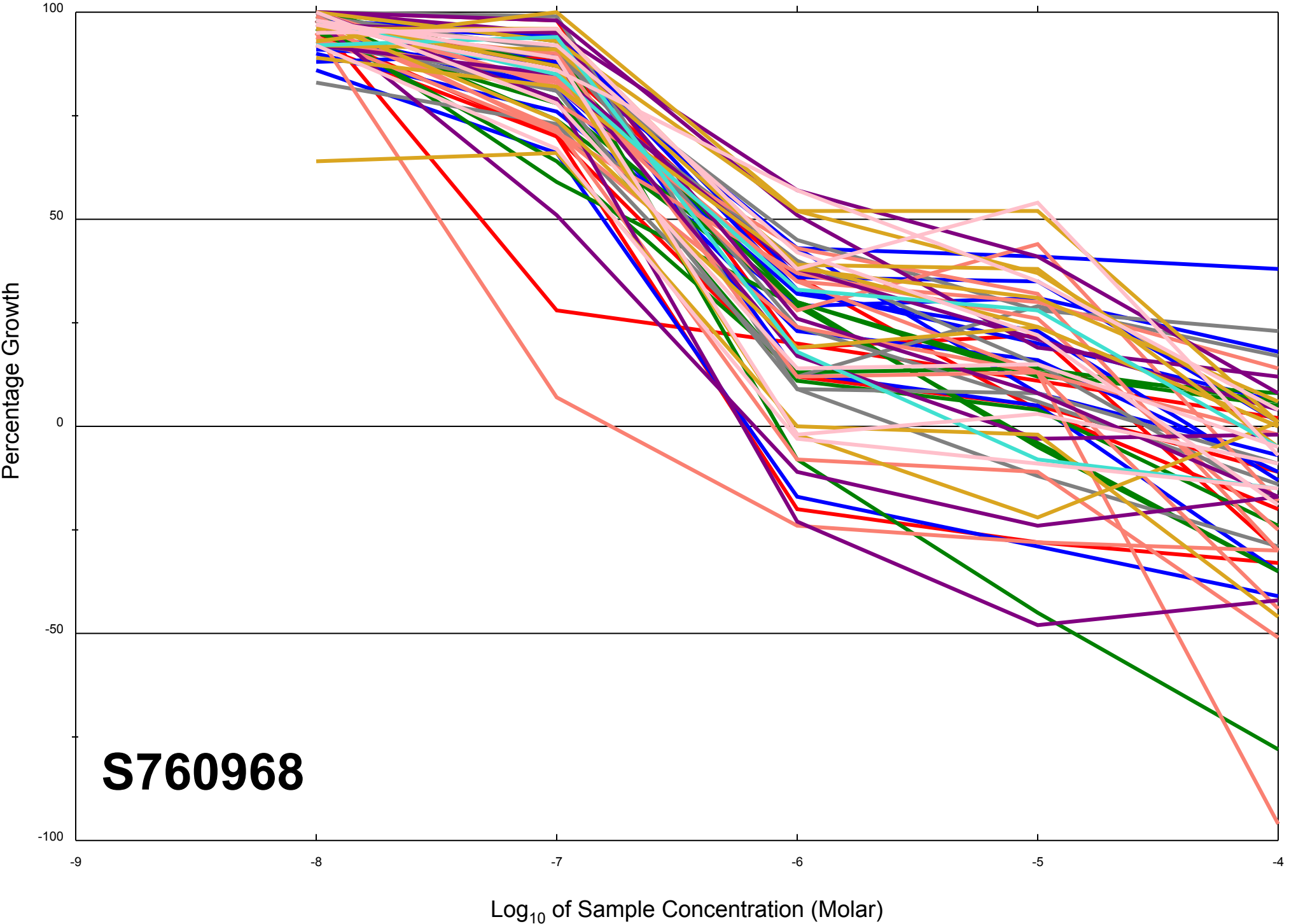


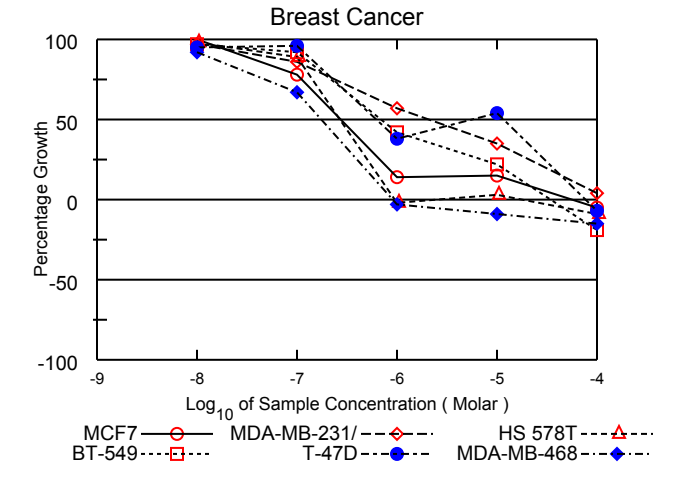
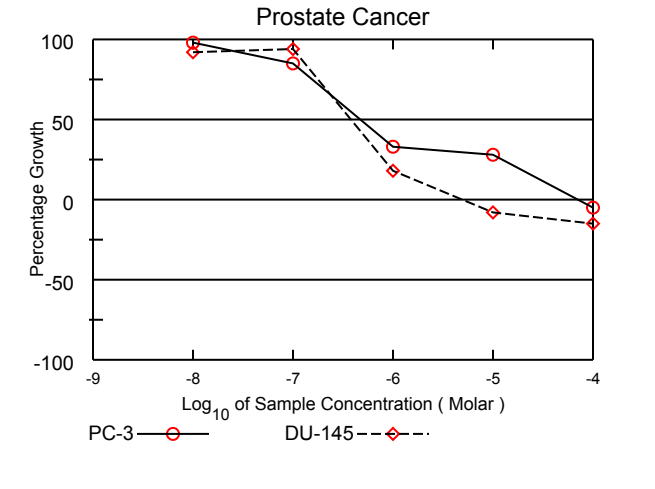
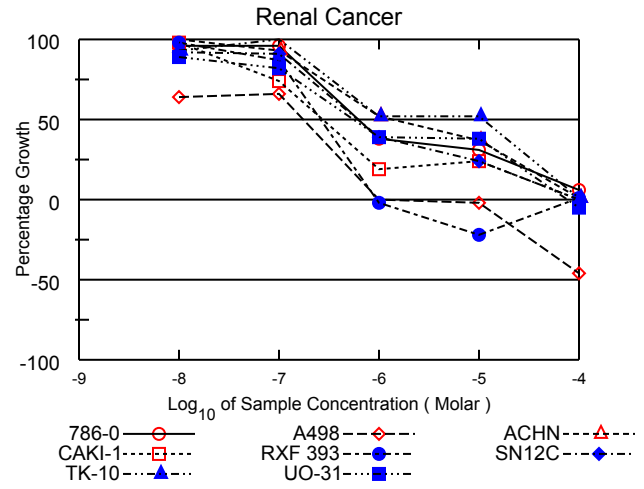
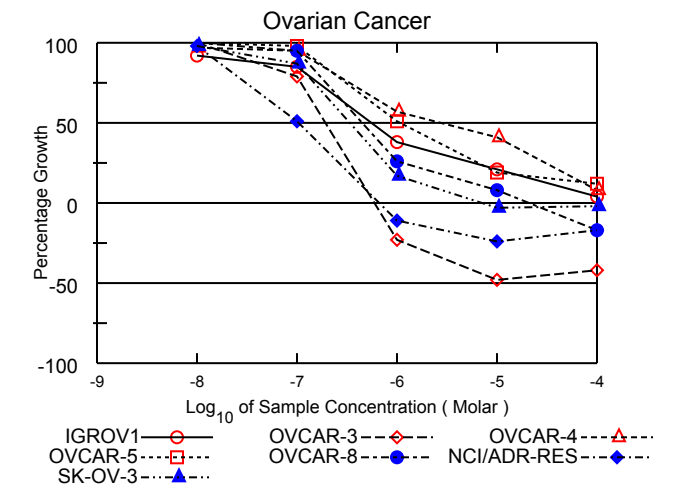
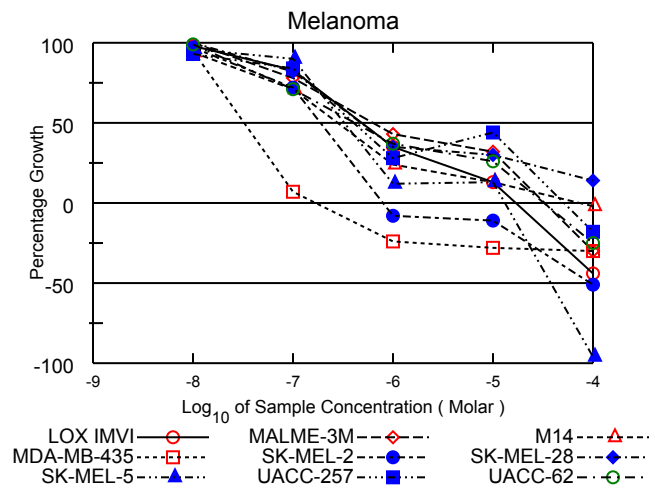
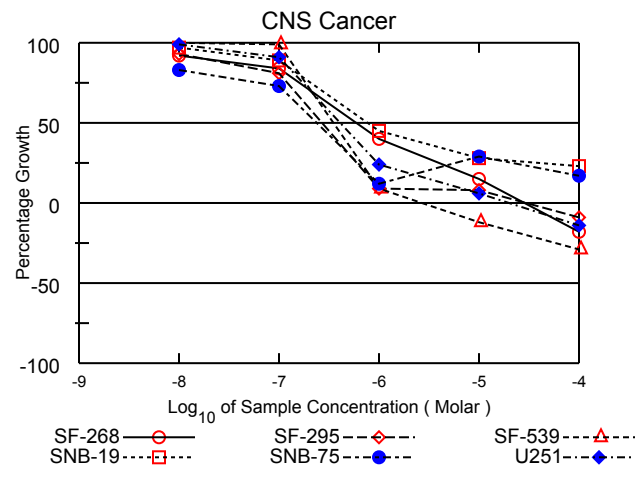
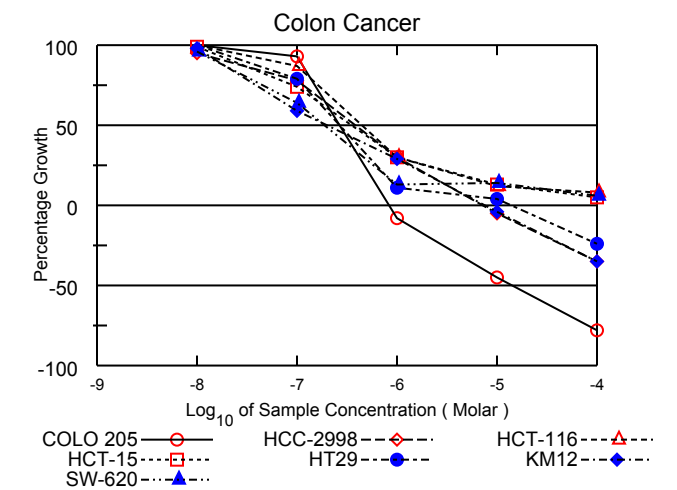
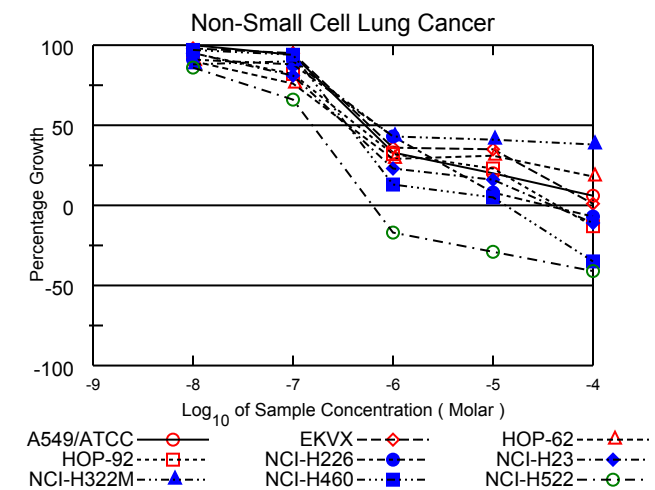
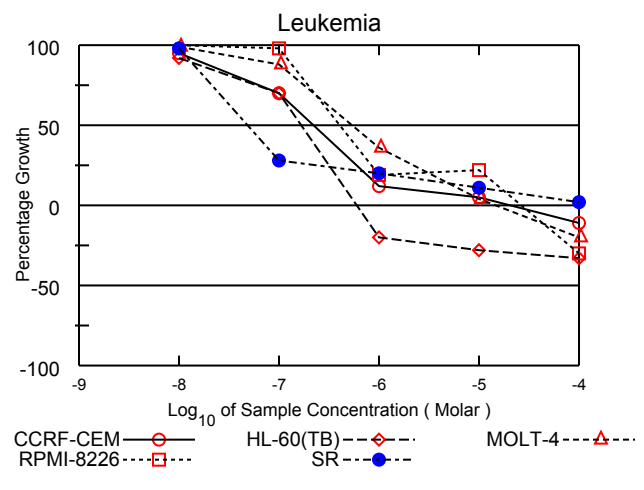
Dose Response Curves

Report Date:May 08, 2013

Test Date:September 06, 2011

All Cell Lines





National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

| | | | |
|-------------------------------|---------------------------------------|----------------|---------------|
| NSC : 760968 / 1 | Experiment ID : 1109NS17 | Test Type : 08 | Units : Molar |
| Report Date : May 08, 2013 | Test Date : September 06, 2011 | QNS : | MC : |
| COMI : A3819/0162158 (108620) | 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 | 0.498 | 1.698 | 1.636 | 1.334 | 0.645 | 0.557 | 0.441 | 95 | 70 | 12 | 5 | -11 | 2.20E-7 | 2.00E-5 | > 1.00E-4 |
| HL-60(TB) | 0.758 | 2.397 | 2.262 | 1.900 | 0.603 | 0.543 | 0.507 | 92 | 70 | -20 | -28 | -33 | 1.65E-7 | 5.93E-7 | > 1.00E-4 |
| MOLT-4 | 0.679 | 2.035 | 2.017 | 1.879 | 1.173 | 0.736 | 0.546 | 99 | 88 | 36 | 4 | -20 | 5.48E-7 | 1.50E-5 | > 1.00E-4 |
| RPMI-8226 | 1.007 | 2.289 | 2.329 | 2.267 | 1.253 | 1.288 | 0.701 | 103 | 98 | 19 | 22 | -30 | 4.07E-7 | 2.62E-5 | > 1.00E-4 |
| SR | 0.200 | 0.672 | 0.664 | 0.331 | 0.296 | 0.253 | 0.210 | 98 | 28 | 20 | 11 | 2 | 4.84E-8 | > 1.00E-4 | > 1.00E-4 |
| Non-Small Cell Lung Cancer | | | | | | | | | | | | | | | |
| A549/ATCC | 0.312 | 1.529 | 1.527 | 1.461 | 0.710 | 0.557 | 0.383 | 100 | 94 | 33 | 20 | 6 | 5.25E-7 | > 1.00E-4 | > 1.00E-4 |
| EKVX | 0.572 | 1.450 | 1.435 | 1.405 | 0.891 | 0.881 | 0.580 | 98 | 95 | 36 | 35 | 1 | 5.83E-7 | > 1.00E-4 | > 1.00E-4 |
| HOP-62 | 0.435 | 1.148 | 1.077 | 0.975 | 0.641 | 0.659 | 0.561 | 90 | 76 | 29 | 31 | 18 | 3.53E-7 | > 1.00E-4 | > 1.00E-4 |
| HOP-92 | 1.026 | 1.465 | 1.443 | 1.387 | 1.166 | 1.128 | 0.894 | 95 | 82 | 32 | 23 | -13 | 4.37E-7 | 4.39E-5 | > 1.00E-4 |
| NCI-H226 | 0.679 | 1.711 | 1.618 | 1.585 | 1.126 | 0.757 | 0.632 | 91 | 88 | 43 | 8 | -7 | 7.05E-7 | 3.33E-5 | > 1.00E-4 |
| NCI-H23 | 0.483 | 1.335 | 1.290 | 1.177 | 0.679 | 0.619 | 0.430 | 95 | 81 | 23 | 16 | -11 | 3.45E-7 | 3.89E-5 | > 1.00E-4 |
| NCI-H322M | 0.868 | 1.674 | 1.581 | 1.591 | 1.218 | 1.195 | 1.172 | 88 | 90 | 43 | 41 | 38 | 7.22E-7 | > 1.00E-4 | > 1.00E-4 |
| NCI-H460 | 0.205 | 1.900 | 1.857 | 1.803 | 0.429 | 0.284 | 0.134 | 97 | 94 | 13 | 5 | -35 | 3.52E-7 | 1.31E-5 | > 1.00E-4 |
| NCI-H522 | 0.735 | 1.642 | 1.515 | 1.333 | 0.607 | 0.521 | 0.433 | 86 | 66 | -17 | -29 | -41 | 1.55E-7 | 6.18E-7 | > 1.00E-4 |
| Colon Cancer | | | | | | | | | | | | | | | |
| COLO 205 | 0.334 | 1.259 | 1.308 | 1.198 | 0.306 | 0.184 | 0.074 | 105 | 93 | -8 | -45 | -78 | 2.67E-7 | 8.27E-7 | 1.43E-5 |
| HCC-2998 | 0.389 | 1.318 | 1.275 | 1.114 | 0.665 | 0.371 | 0.253 | 95 | 78 | 30 | -5 | -35 | 3.80E-7 | 7.28E-6 | > 1.00E-4 |
| HCT-116 | 0.140 | 1.142 | 1.152 | 1.014 | 0.442 | 0.258 | 0.217 | 101 | 87 | 30 | 12 | 8 | 4.49E-7 | > 1.00E-4 | > 1.00E-4 |
| HCT-15 | 0.350 | 1.695 | 1.684 | 1.350 | 0.753 | 0.521 | 0.420 | 99 | 74 | 30 | 13 | 5 | 3.54E-7 | > 1.00E-4 | > 1.00E-4 |
| HT29 | 0.227 | 1.283 | 1.291 | 1.061 | 0.347 | 0.270 | 0.174 | 101 | 79 | 11 | 4 | -24 | 2.68E-7 | 1.40E-5 | > 1.00E-4 |
| KM12 | 0.420 | 1.865 | 1.835 | 1.266 | 0.844 | 0.404 | 0.275 | 98 | 59 | 29 | -4 | -35 | 1.96E-7 | 7.62E-6 | > 1.00E-4 |
| SW-620 | 0.247 | 1.622 | 1.561 | 1.129 | 0.419 | 0.443 | 0.330 | 96 | 64 | 13 | 14 | 6 | 1.88E-7 | > 1.00E-4 | > 1.00E-4 |
| CNS Cancer | | | | | | | | | | | | | | | |
| SF-268 | 0.451 | 1.361 | 1.288 | 1.214 | 0.820 | 0.591 | 0.369 | 92 | 84 | 40 | 15 | -18 | 6.03E-7 | 2.87E-5 | > 1.00E-4 |
| SF-295 | 0.583 | 1.842 | 1.758 | 1.606 | 0.701 | 0.681 | 0.532 | 93 | 81 | 9 | 8 | -9 | 2.72E-7 | 2.95E-5 | > 1.00E-4 |
| SF-539 | 0.670 | 1.799 | 1.828 | 1.790 | 0.770 | 0.591 | 0.477 | 103 | 99 | 9 | -12 | -29 | 3.50E-7 | 2.67E-6 | > 1.00E-4 |
| SNB-19 | 0.458 | 1.644 | 1.613 | 1.517 | 0.990 | 0.790 | 0.732 | 97 | 89 | 45 | 28 | 23 | 7.65E-7 | > 1.00E-4 | > 1.00E-4 |
| SNB-75 | 0.748 | 1.679 | 1.517 | 1.430 | 0.858 | 1.022 | 0.907 | 83 | 73 | 12 | 29 | 17 | 2.38E-7 | > 1.00E-4 | > 1.00E-4 |
| U251 | 0.298 | 1.406 | 1.390 | 1.309 | 0.569 | 0.369 | 0.255 | 99 | 91 | 24 | 6 | -14 | 4.14E-7 | 2.02E-5 | > 1.00E-4 |
| Melanoma | | | | | | | | | | | | | | | |
| LOX IMVI | 0.194 | 1.268 | 1.245 | 1.085 | 0.567 | 0.331 | 0.110 | 98 | 83 | 35 | 13 | -44 | 4.82E-7 | 1.68E-5 | > 1.00E-4 |
| MALME-3M | 0.531 | 0.993 | 1.008 | 0.892 | 0.729 | 0.679 | 0.371 | 103 | 78 | 43 | 32 | -30 | 6.25E-7 | 3.27E-5 | > 1.00E-4 |
| M14 | 0.361 | 1.378 | 1.318 | 1.086 | 0.610 | 0.492 | 0.356 | 94 | 71 | 24 | 13 | -2 | 2.85E-7 | 7.83E-5 | > 1.00E-4 |
| MDA-MB-435 | 0.516 | 2.002 | 1.922 | 0.626 | 0.395 | 0.372 | 0.362 | 95 | 7 | -24 | -28 | -30 | 3.25E-8 | 1.73E-7 | > 1.00E-4 |
| SK-MEL-2 | 0.869 | 1.510 | 1.491 | 1.330 | 0.802 | 0.774 | 0.422 | 97 | 72 | -8 | -11 | -51 | 1.89E-7 | 8.00E-7 | 9.19E-5 |
| SK-MEL-28 | 0.441 | 1.267 | 1.288 | 1.115 | 0.726 | 0.687 | 0.556 | 103 | 82 | 35 | 30 | 14 | 4.69E-7 | > 1.00E-4 | > 1.00E-4 |
| SK-MEL-5 | 0.295 | 2.250 | 2.173 | 2.057 | 0.520 | 0.554 | 0.013 | 96 | 90 | 12 | 13 | -96 | 3.24E-7 | 1.32E-5 | 3.81E-5 |
| UACC-257 | 0.653 | 1.386 | 1.336 | 1.270 | 0.856 | 0.977 | 0.537 | 93 | 84 | 28 | 44 | -18 | 4.02E-7 | 5.15E-5 | > 1.00E-4 |
| UACC-62 | 0.689 | 2.007 | 1.991 | 1.630 | 1.182 | 1.035 | 0.515 | 99 | 71 | 37 | 26 | -25 | 4.26E-7 | 3.23E-5 | > 1.00E-4 |
| Ovarian Cancer | | | | | | | | | | | | | | | |
| IGROV1 | 0.456 | 1.328 | 1.256 | 1.200 | 0.784 | 0.641 | 0.494 | 92 | 85 | 38 | 21 | 4 | 5.50E-7 | > 1.00E-4 | > 1.00E-4 |
| OVCAR-3 | 0.552 | 1.470 | 1.470 | 1.279 | 0.424 | 0.286 | 0.320 | 100 | 79 | -23 | -48 | -42 | 1.93E-7 | 5.93E-7 | > 1.00E-4 |
| OVCAR-4 | 0.420 | 1.012 | 0.995 | 0.984 | 0.757 | 0.660 | 0.468 | 97 | 95 | 57 | 41 | 8 | 2.64E-6 | > 1.00E-4 | > 1.00E-4 |
| OVCAR-5 | 0.527 | 1.280 | 1.305 | 1.268 | 0.908 | 0.667 | 0.621 | 103 | 98 | 51 | 19 | 12 | 1.04E-6 | > 1.00E-4 | > 1.00E-4 |
| OVCAR-8 | 0.376 | 1.562 | 1.559 | 1.502 | 0.689 | 0.467 | 0.314 | 100 | 95 | 26 | 8 | -17 | 4.52E-7 | 2.07E-5 | > 1.00E-4 |
| NCI/ADR-RES | 0.451 | 1.598 | 1.573 | 1.031 | 0.403 | 0.343 | 0.376 | 98 | 51 | -11 | -24 | -17 | 1.02E-7 | 6.70E-7 | > 1.00E-4 |
| SK-OV-3 | 0.356 | 0.888 | 0.877 | 0.819 | 0.449 | 0.347 | 0.349 | 98 | 87 | 17 | -3 | -2 | 3.41E-7 | 7.48E-6 | > 1.00E-4 |
| Renal Cancer | | | | | | | | | | | | | | | |
| 786-0 | 0.457 | 1.820 | 1.770 | 1.762 | 0.974 | 0.878 | 0.532 | 96 | 96 | 38 | 31 | 6 | 6.19E-7 | > 1.00E-4 | > 1.00E-4 |
| A498 | 1.040 | 1.589 | 1.390 | 1.402 | 1.037 | 1.017 | 0.567 | 64 | 66 | . | -2 | -46 | 1.74E-7 | 9.88E-7 | > 1.00E-4 |
| ACHN | 0.403 | 1.518 | 1.546 | 1.438 | 0.979 | 0.813 | 0.416 | 102 | 93 | 52 | 37 | 1 | 1.29E-6 | > 1.00E-4 | > 1.00E-4 |
| CAKI-1 | 0.595 | 1.876 | 1.845 | 1.547 | 0.843 | 0.906 | 0.595 | 98 | 74 | 19 | 24 | . | 2.77E-7 | > 1.00E-4 | > 1.00E-4 |
| RXF 393 | 0.550 | 1.163 | 1.152 | 1.085 | 0.539 | 0.429 | 0.556 | 98 | 87 | -2 | -22 | 1 | 2.61E-7 | . | > 1.00E-4 |
| SN12C | 0.449 | 1.575 | 1.484 | 1.473 | 0.887 | 0.715 | 0.455 | 92 | 91 | 39 | 24 | . | 6.11E-7 | > 1.00E-4 | > 1.00E-4 |
| TK-10 | 0.708 | 1.436 | 1.382 | 1.450 | 1.086 | 1.087 | 0.718 | 93 | 102 | 52 | 52 | 1 | 1.09E-5 | > 1.00E-4 | > 1.00E-4 |
| UO-31 | 0.540 | 1.405 | 1.308 | 1.249 | 0.875 | 0.872 | 0.512 | 89 | 82 | 39 | 38 | -5 | 5.47E-7 | 7.60E-5 | > 1.00E-4 |
| Prostate Cancer | | | | | | | | | | | | | | | |
| PC-3 | 0.483 | 1.180 | 1.164 | 1.076 | 0.711 | 0.678 | 0.458 | 98 | 85 | 33 | 28 | -5 | 4.68E-7 | 6.98E-5 | > 1.00E-4 |
| DU-145 | 0.333 | 1.229 | 1.154 | 1.174 | 0.498 | 0.306 | 0.283 | 92 | 94 | 18 | -8 | -15 | 3.81E-7 | 4.94E-6 | > 1.00E-4 |
| Breast Cancer | | | | | | | | | | | | | | | |
| MCF7 | 0.250 | 1.268 | 1.335 | 1.046 | 0.394 | 0.399 | 0.237 | 107 | 78 | 14 | 15 | -5 | 2.75E-7 | 5.47E-5 | > 1.00E-4 |
| MDA-MB-231/ATCC | 0.637 | 1.496 | 1.468 | 1.377 | 1.127 | 0.935 | 0.674 | 97 | 86 | 57 | 35 | 4 | 2.06E-6 | > 1.00E-4 | > 1.00E-4 |
| HS 578T | 0.814 | 1.653 | 1.637 | 1.559 | 0.794 | 0.842 | 0.739 | 98 | 89 | -2 | 3 | -9 | 2.66E-7 | . | > 1.00E-4 |
| BT-549 | 0.679 | 1.526 | 1.503 | 1.458 | 1.037 | 0.864 | 0.552 | 97 | 92 | 42 | 22 | -19 | 6.98E-7 | 3.46E-5 | > 1.00E-4 |
| T-47D | 0.525 | 1.143 | 1.109 | 1.117 | 0.757 | 0.857 | 0.486 | 95 | 96 | 38 | 54 | -7 | . | 7.56E-5 | > 1.00E-4 |
| MDA-MB-468 | 0.608 | 1.203 | 1.159 | 1.008 | 0.589 | 0.556 | 0.517 | 92 | 67 | -3 | -9 | -15 | 1.76E-7 | 9.00E-7 | > 1.00E-4 |

Mean Graphs

Report Date :May 08, 2013

Test Date :September 06, 2011

