

|                               |  | IC(Δ)         | P-val    | FDR      |
|-------------------------------|--|---------------|----------|----------|
|                               |  | 0.481(0.582)  | 1.04e-03 | 2.50e-01 |
|                               |  | 0.462(0.011)  | 1.04e-03 | 2.50e-01 |
|                               |  | 0.444(0.018)  | 2.08e-03 | 3.33e-01 |
|                               |  | 0.430(0.545)  | 5.20e-03 | 6.25e-01 |
|                               |  | 0.415(0.085)  | 8.32e-03 | 7.14e-01 |
|                               |  | 0.409(0.516)  | 1.04e-02 | 7.14e-01 |
|                               |  | 0.407(0.040)  | 1.04e-02 | 7.14e-01 |
|                               |  | 0.374(0.023)  | 2.81e-02 | 1.00e+00 |
|                               |  | 0.371(0.036)  | 2.91e-02 | 1.00e+00 |
|                               |  | 0.370(0.038)  | 2.91e-02 | 1.00e+00 |
|                               |  | 0.369(0.030)  | 2.91e-02 | 1.00e+00 |
|                               |  | 0.362(0.075)  | 3.43e-02 | 1.00e+00 |
|                               |  | 0.362(0.089)  | 3.43e-02 | 1.00e+00 |
|                               |  | 0.355(0.459)  | 4.99e-02 | 1.00e+00 |
|                               |  | 0.355(0.065)  | 4.99e-02 | 1.00e+00 |
|                               |  | 0.353(0.026)  | 5.41e-02 | 1.00e+00 |
|                               |  | 0.353(0.068)  | 5.41e-02 | 1.00e+00 |
|                               |  | 0.351(0.020)  | 5.51e-02 | 1.00e+00 |
|                               |  | 0.350(0.034)  | 6.03e-02 | 1.00e+00 |
|                               |  | 0.348(0.040)  | 6.34e-02 | 1.00e+00 |
|                               |  | -0.413(0.028) | 8.32e-03 | 1.72e-01 |
|                               |  | -0.414(0.032) | 8.32e-03 | 1.72e-01 |
|                               |  | -0.414(0.071) | 8.32e-03 | 1.72e-01 |
|                               |  | -0.421(0.156) | 7.28e-03 | 1.72e-01 |
|                               |  | -0.422(0.013) | 7.28e-03 | 1.72e-01 |
|                               |  | -0.422(0.095) | 7.28e-03 | 1.72e-01 |
|                               |  | -0.424(0.070) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.425(0.008) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.426(0.025) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.426(0.038) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.427(0.012) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.427(0.022) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.428(0.544) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.429(0.037) | 6.24e-03 | 1.72e-01 |
|                               |  | -0.438(0.029) | 5.20e-03 | 1.72e-01 |
|                               |  | -0.441(0.521) | 4.16e-03 | 1.72e-01 |
|                               |  | -0.442(0.139) | 3.12e-03 | 1.72e-01 |
|                               |  | -0.461(0.036) | 1.04e-03 | 1.67e-01 |
|                               |  | -0.527(0.041) | 1.04e-03 | 1.67e-01 |
|                               |  | -0.568(0.079) | 1.04e-03 | 1.67e-01 |
| <b>C2 vs Drug Sensitivity</b> |  |               |          |          |
| C2                            |  |               |          |          |
| GSK-J4                        |  |               |          |          |
| VX-680                        |  |               |          |          |
| linsitinib                    |  |               |          |          |
| BRD-K01737880                 |  |               |          |          |
| sotrastaurin                  |  |               |          |          |
| BRD-K88742110                 |  |               |          |          |
| olaparib                      |  |               |          |          |
| BRD-K42260513                 |  |               |          |          |
| ML239                         |  |               |          |          |
| tivantinib                    |  |               |          |          |
| CIL70                         |  |               |          |          |
| IU1                           |  |               |          |          |
| chlorambucil                  |  |               |          |          |
| YM-155                        |  |               |          |          |
| barasertib                    |  |               |          |          |
| axitinib                      |  |               |          |          |
| SR8278                        |  |               |          |          |
| indisulam                     |  |               |          |          |
| BRD-K02251932                 |  |               |          |          |
| marinopyrrole A               |  |               |          |          |
| ABT-737                       |  |               |          |          |
| fumonisin B1                  |  |               |          |          |
| NSC30930                      |  |               |          |          |
| trametinib                    |  |               |          |          |
| ibrutinib                     |  |               |          |          |
| BRD-K09587429                 |  |               |          |          |
| ML203                         |  |               |          |          |
| PRIMA-1-Met                   |  |               |          |          |
| PD318088                      |  |               |          |          |
| afatinib                      |  |               |          |          |
| PLX-4720                      |  |               |          |          |
| lapatinib                     |  |               |          |          |
| BRD-A05715709                 |  |               |          |          |
| birinapant                    |  |               |          |          |
| BRD-K99006945                 |  |               |          |          |
| BRD-K52037352                 |  |               |          |          |
| compound 1B                   |  |               |          |          |
| PD 153035                     |  |               |          |          |
| dabrafenib                    |  |               |          |          |
| O-6-benzylguanine             |  |               |          |          |