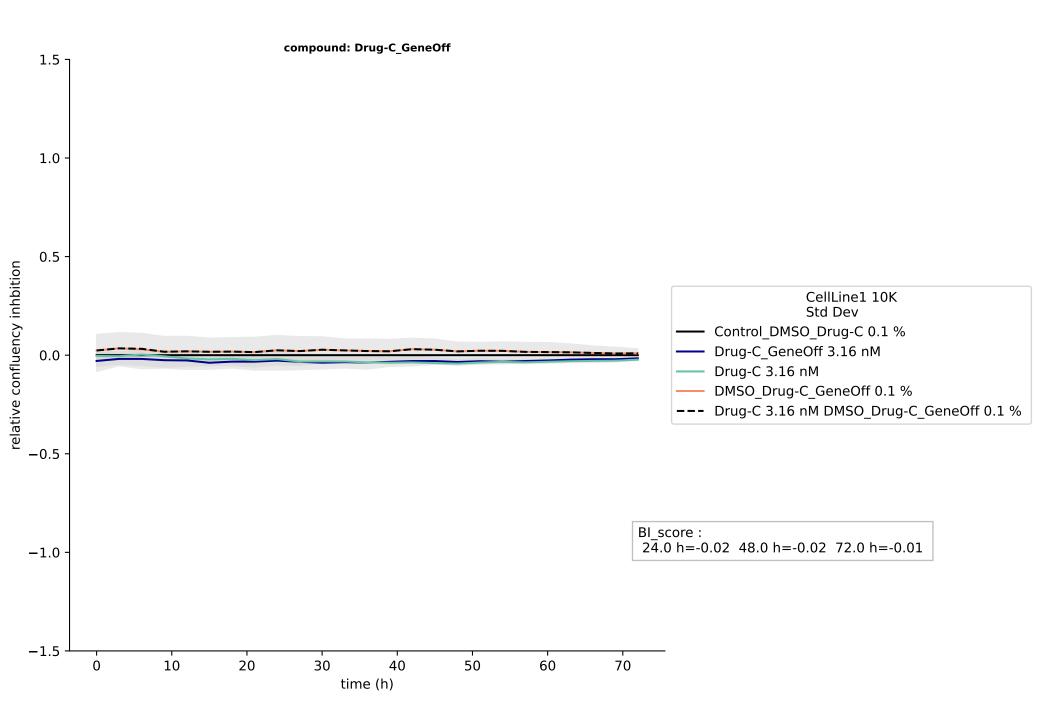
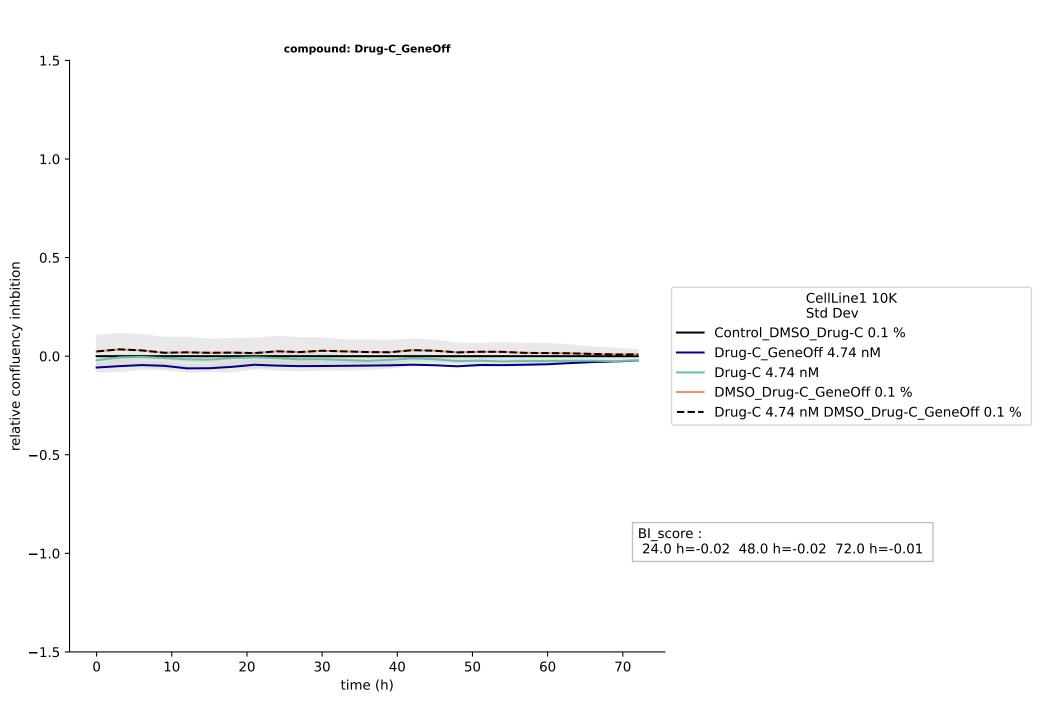


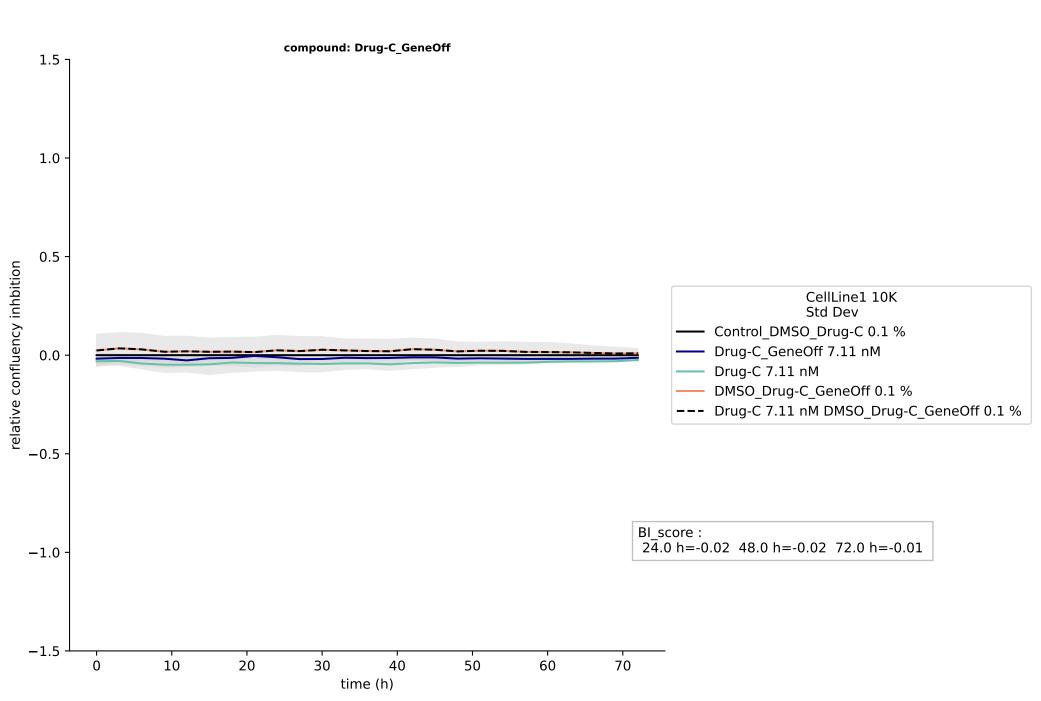
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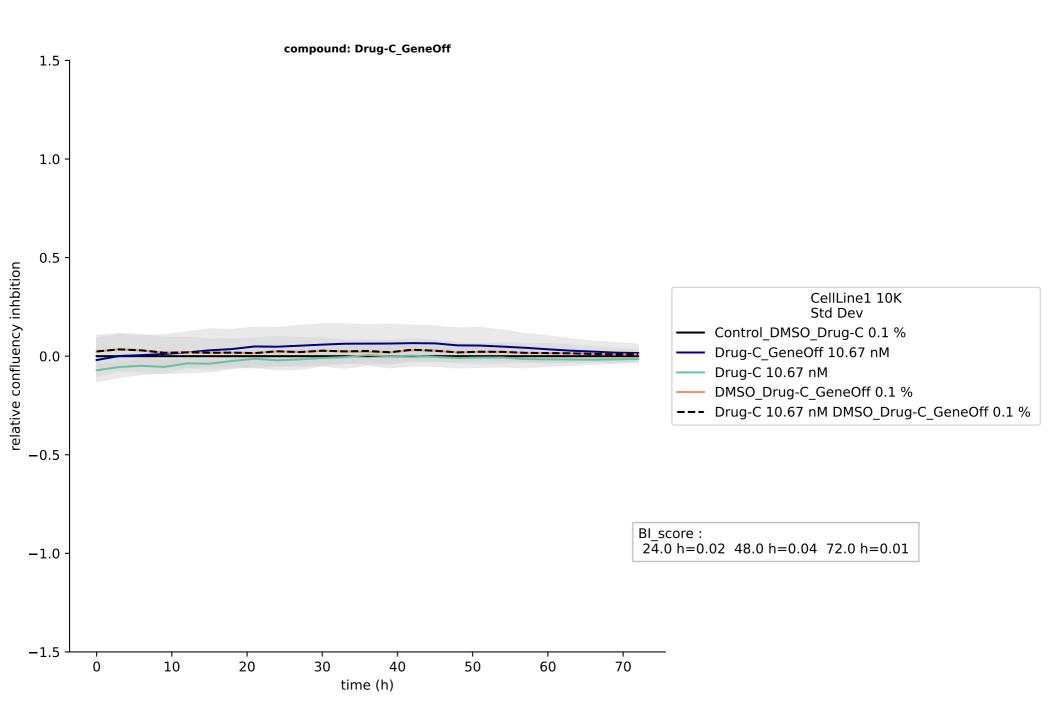


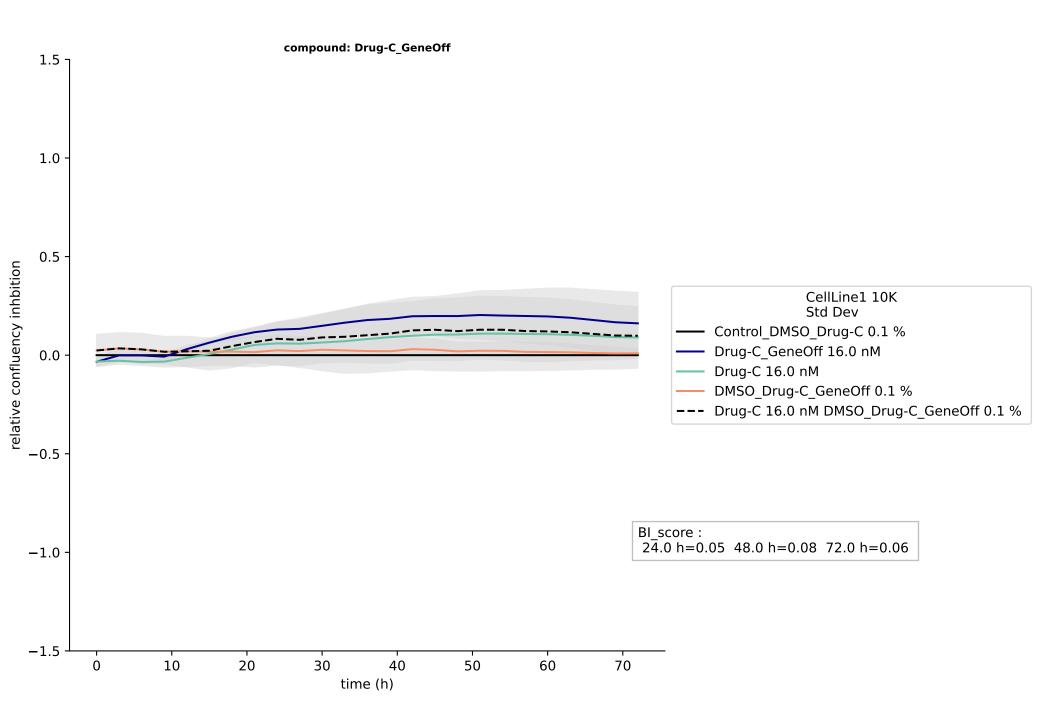
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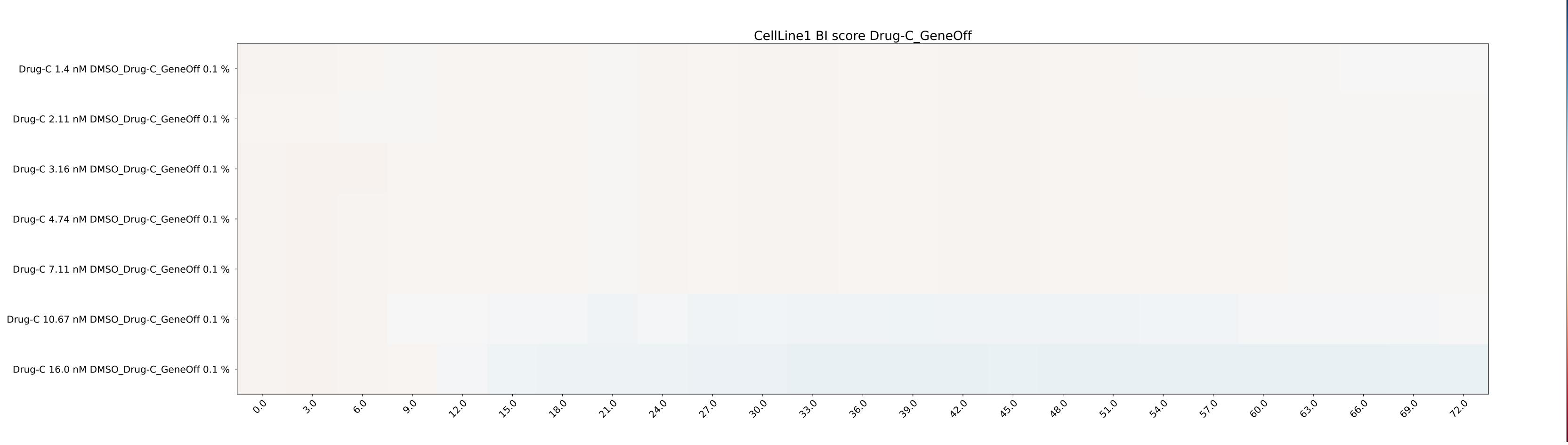


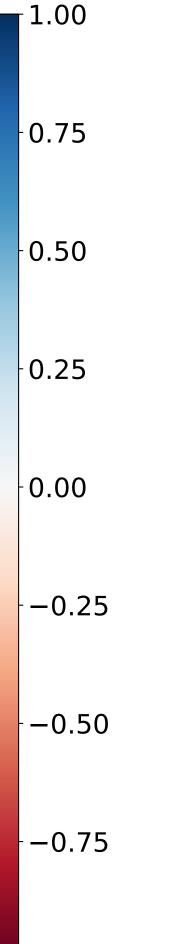
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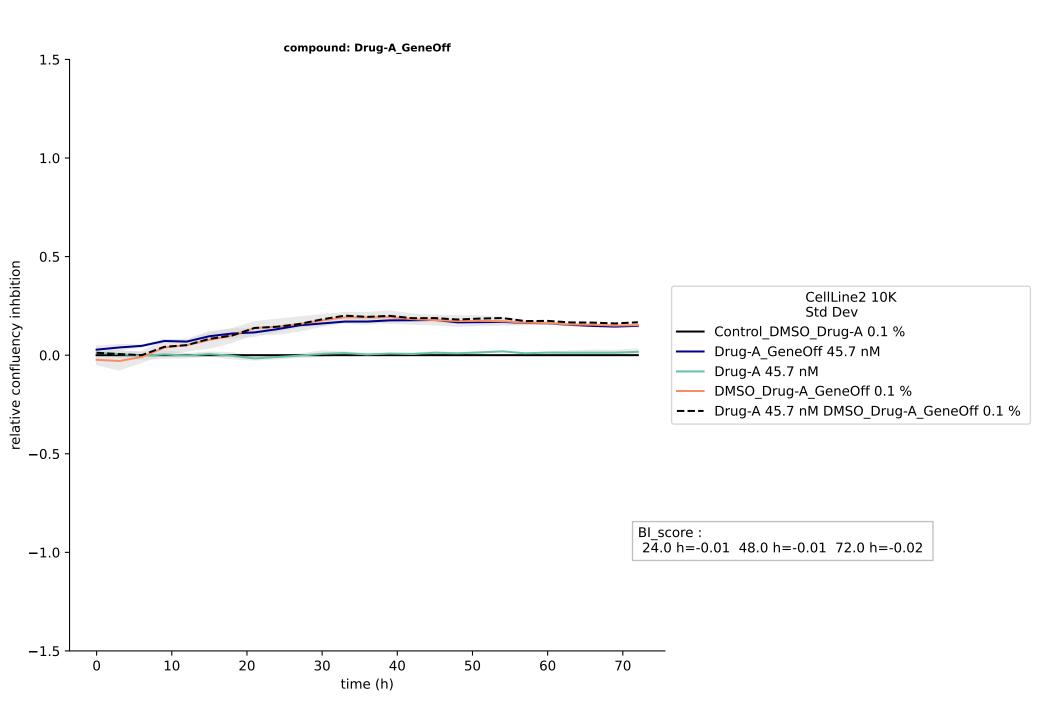




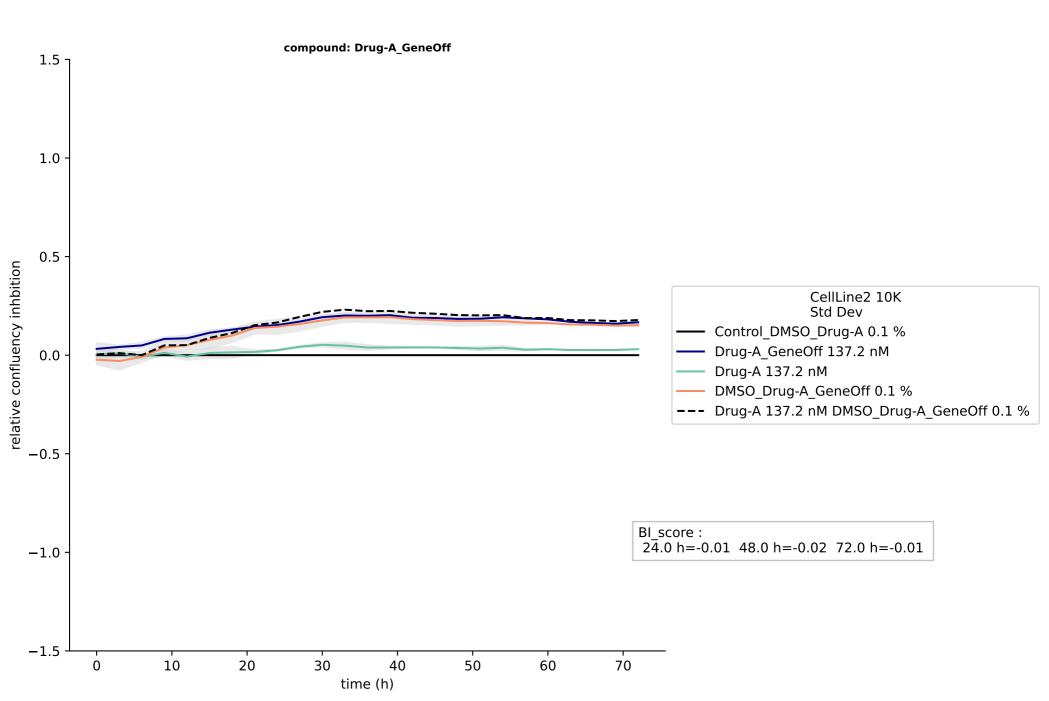


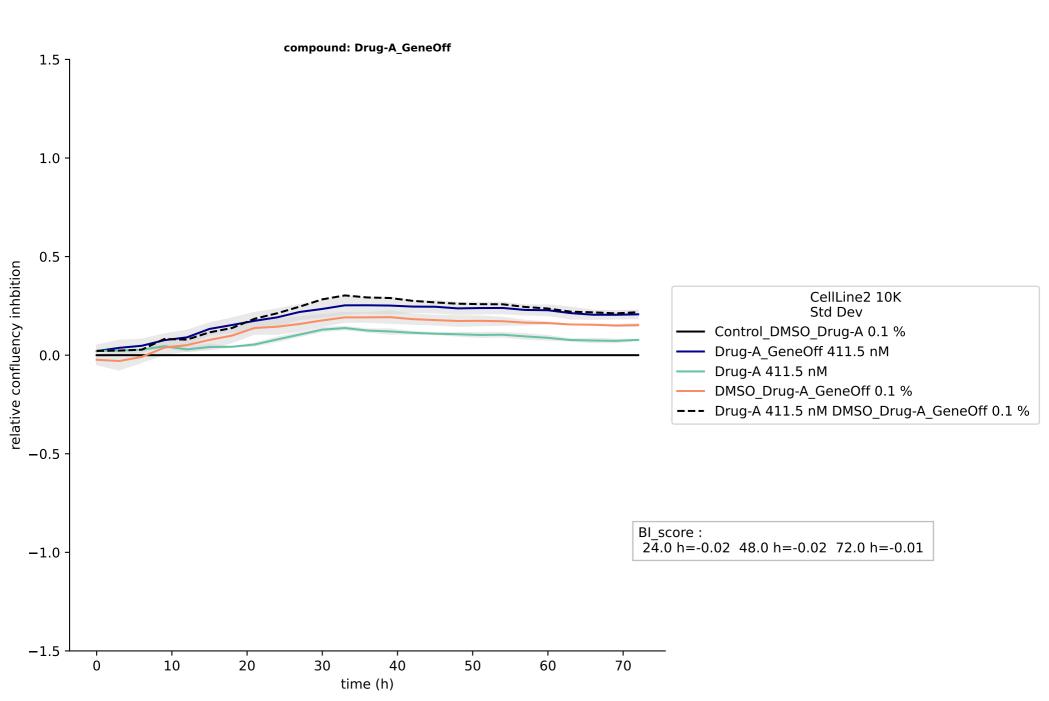


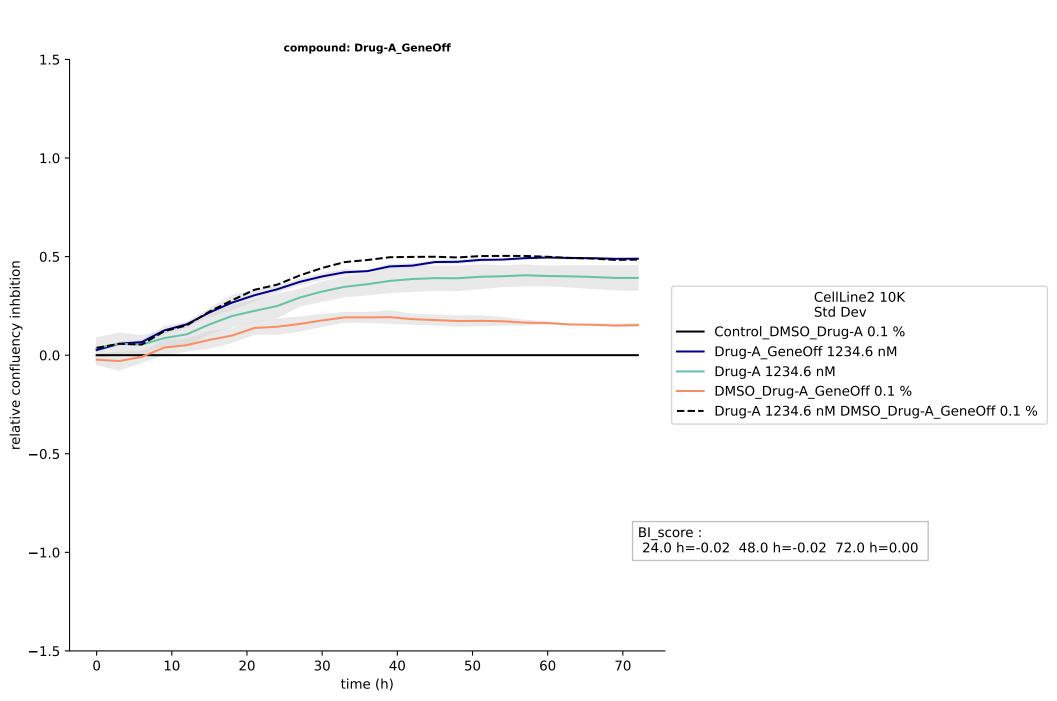


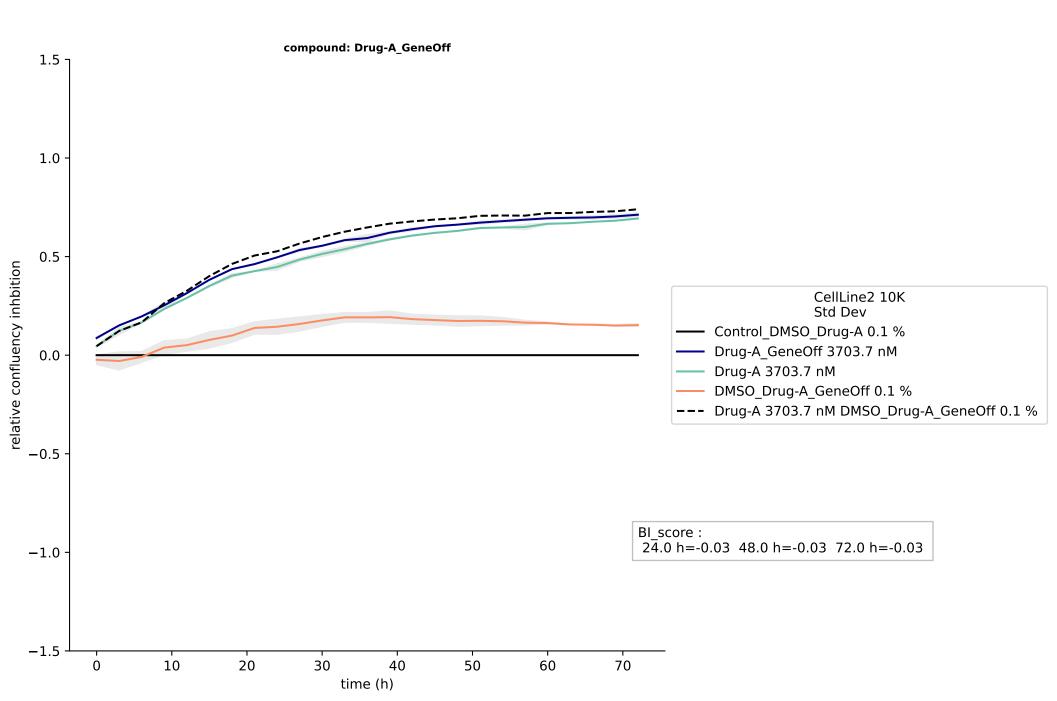


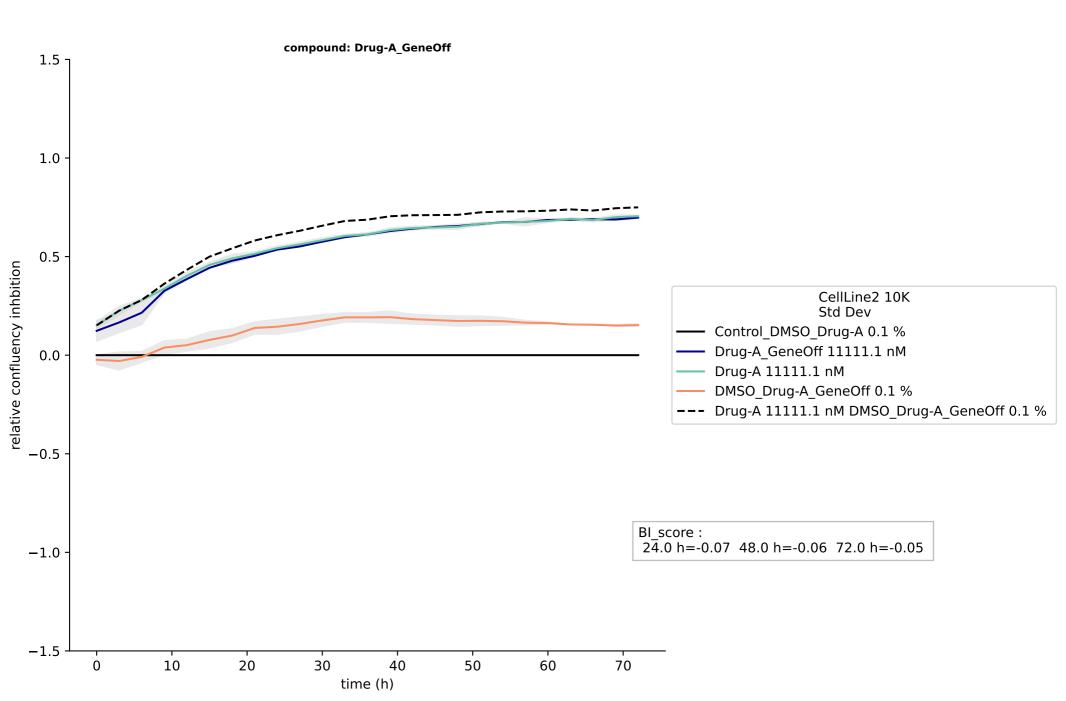
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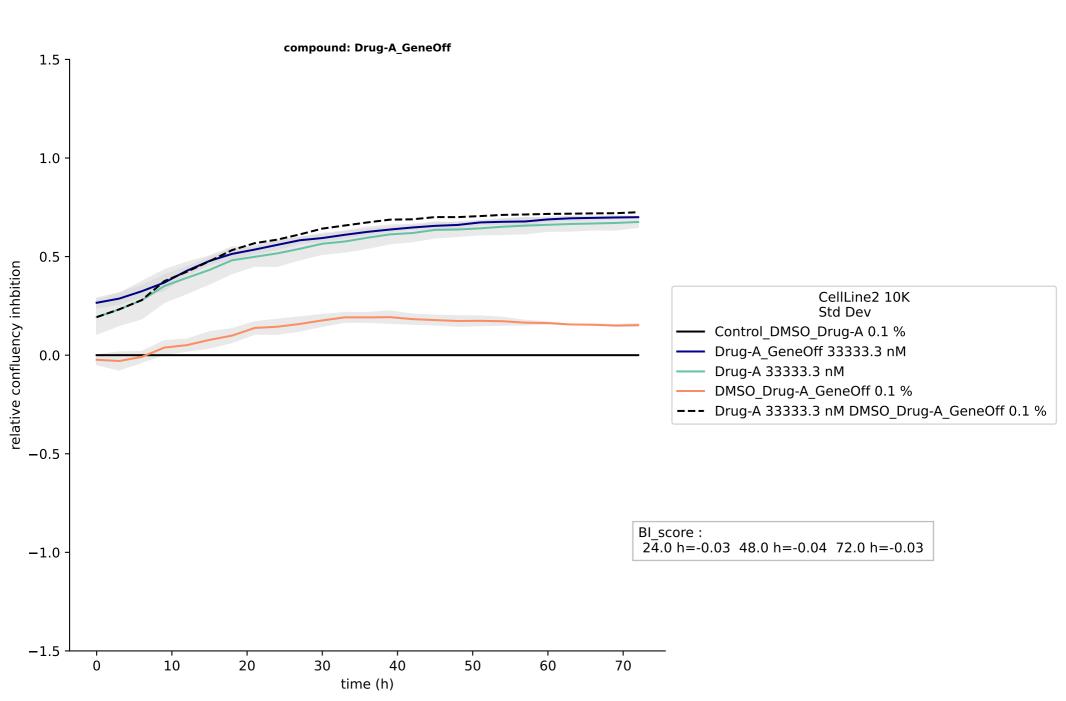


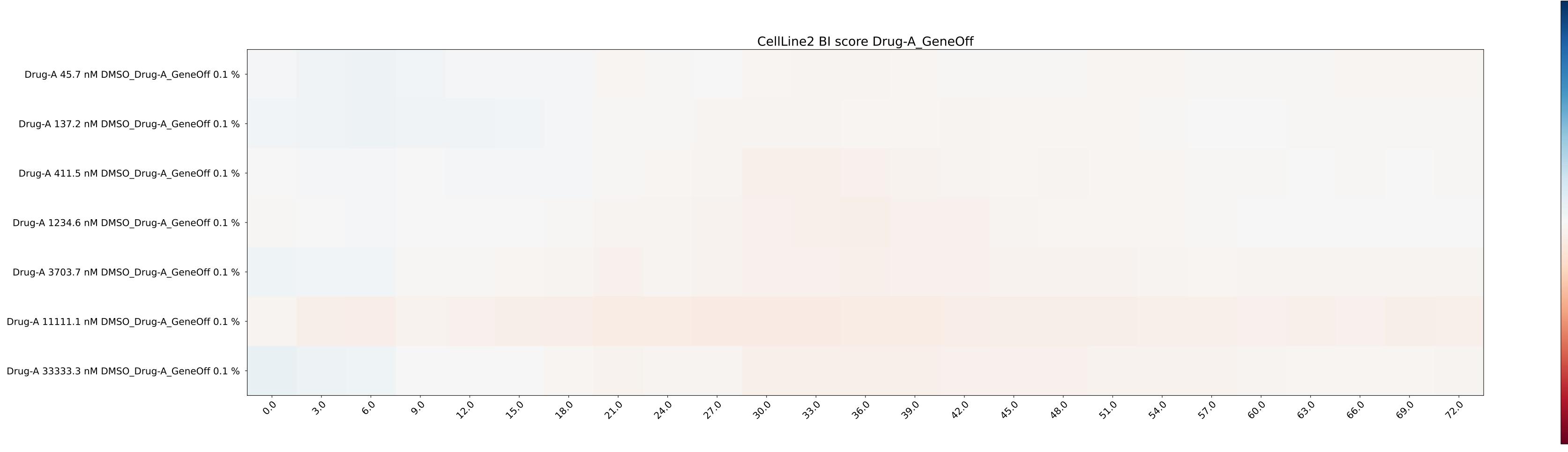


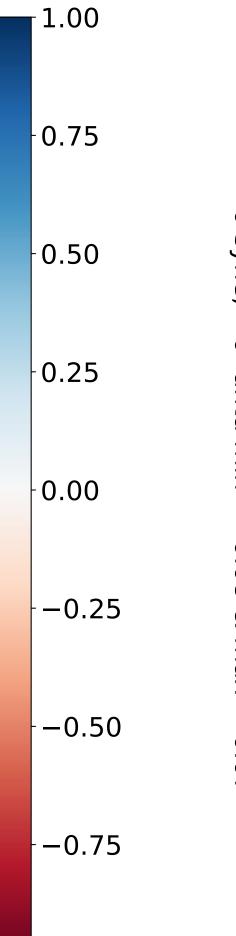


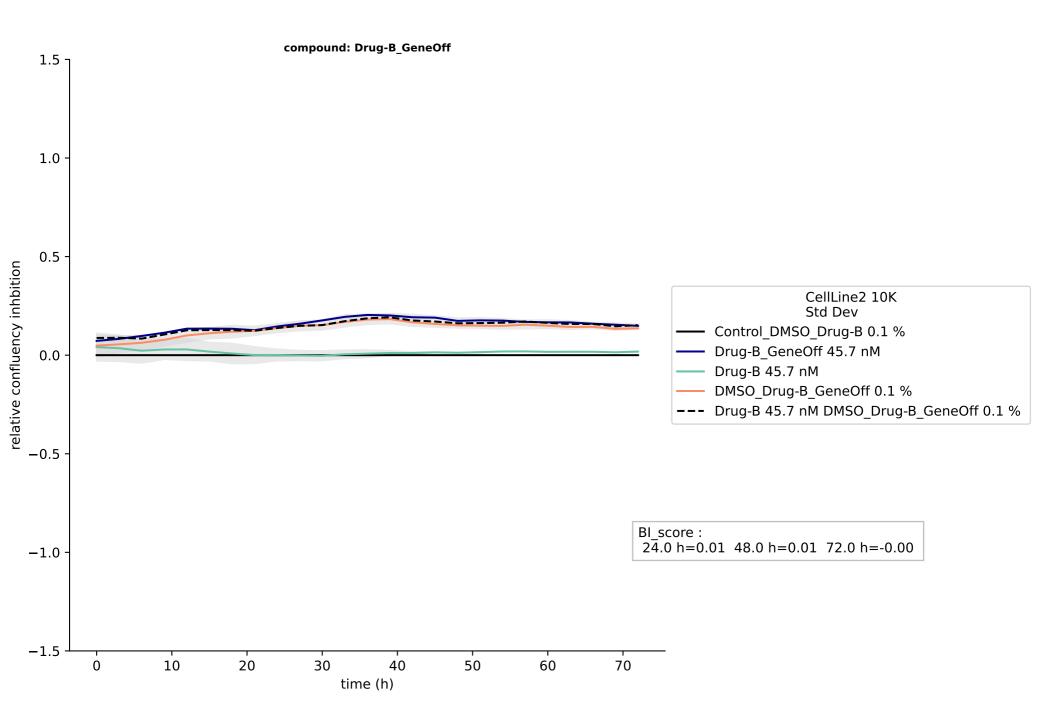


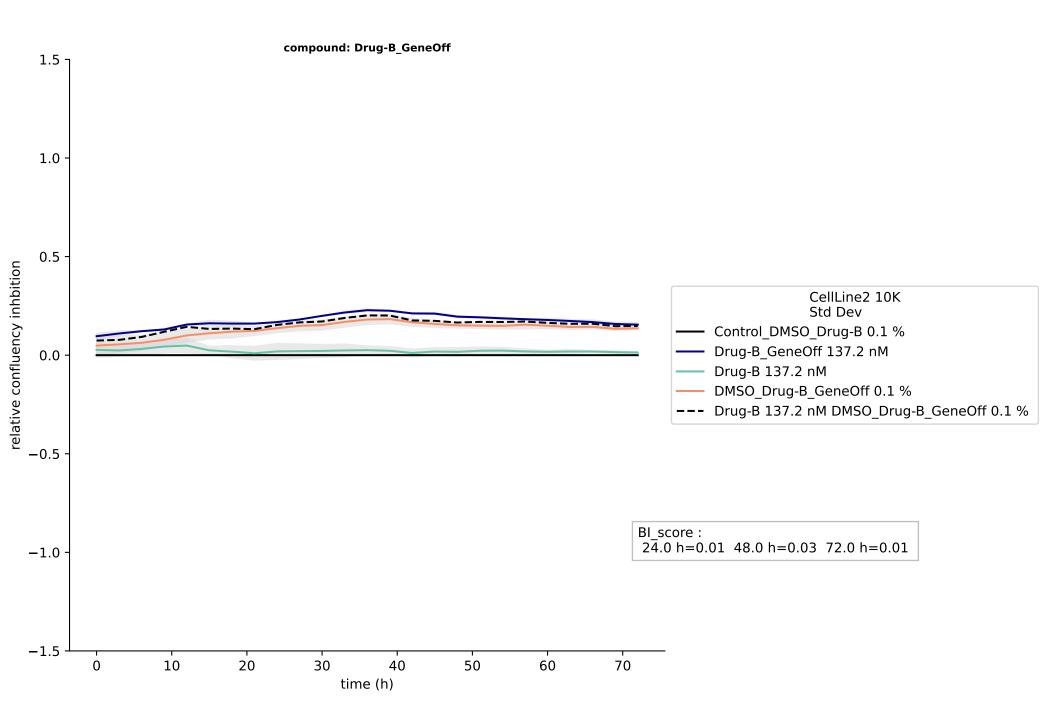


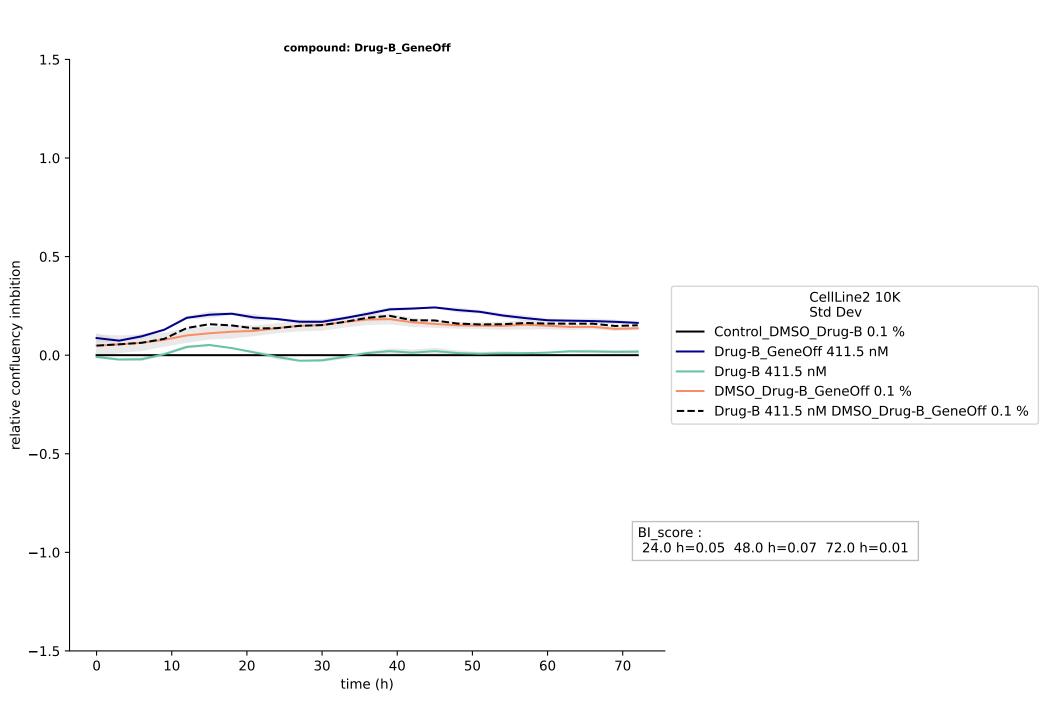


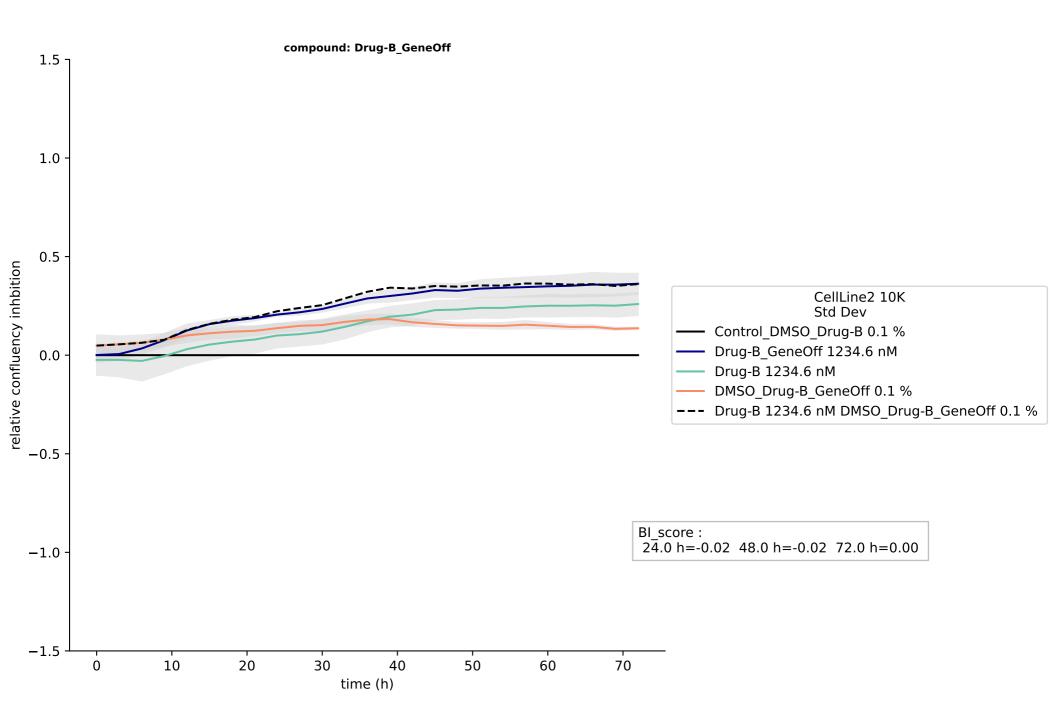


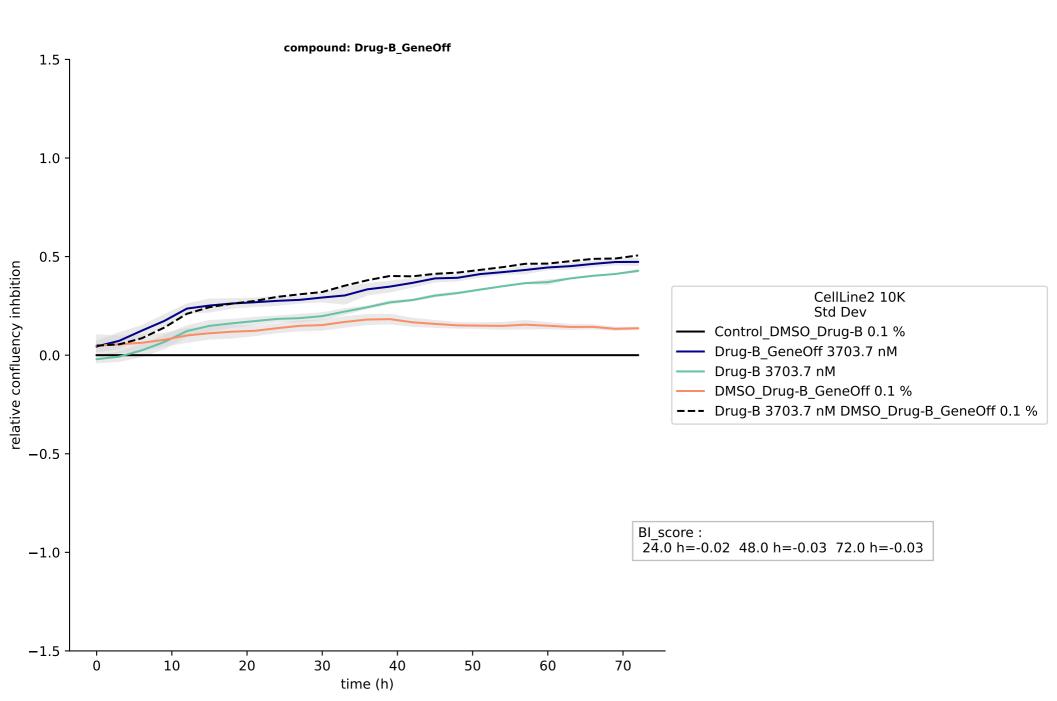


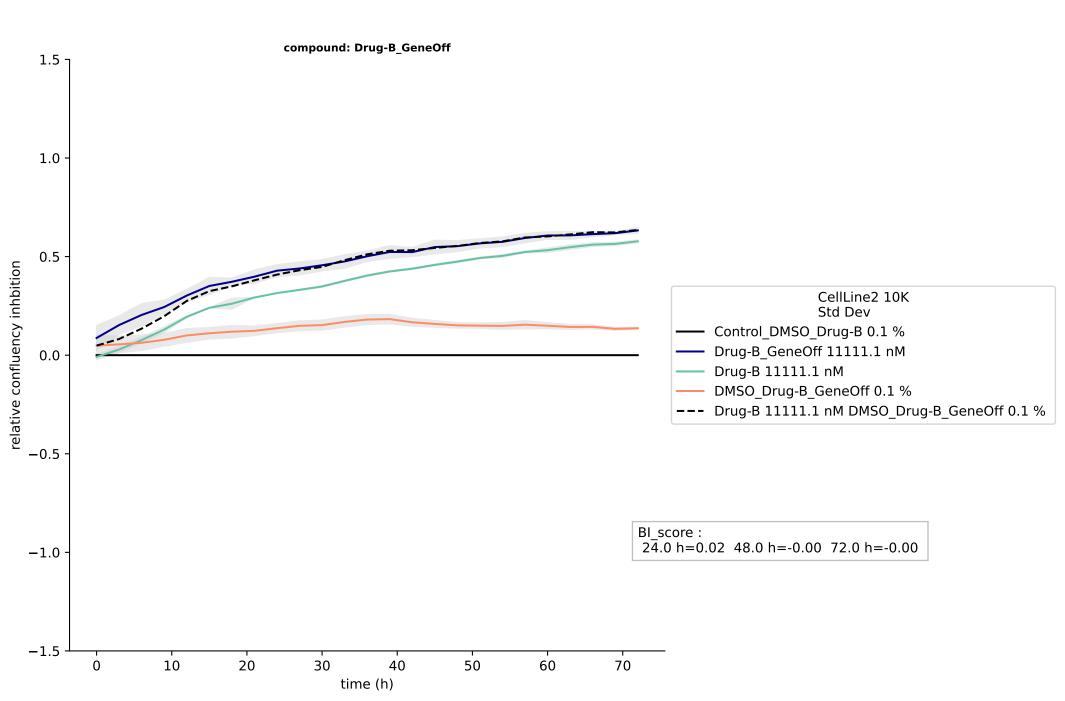


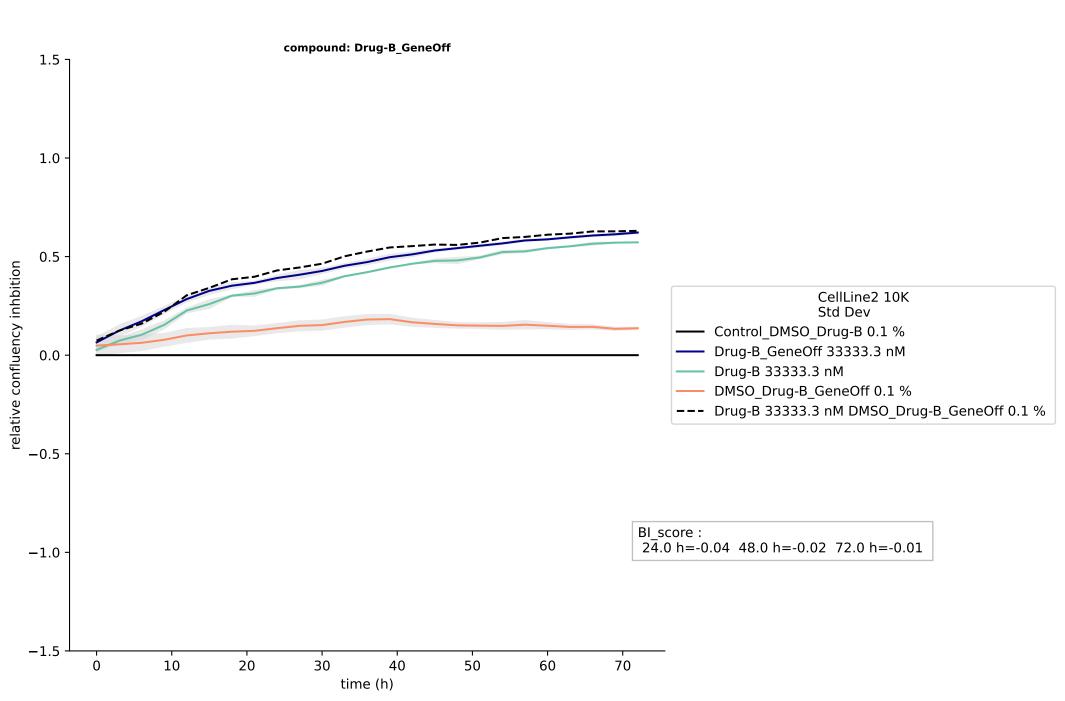


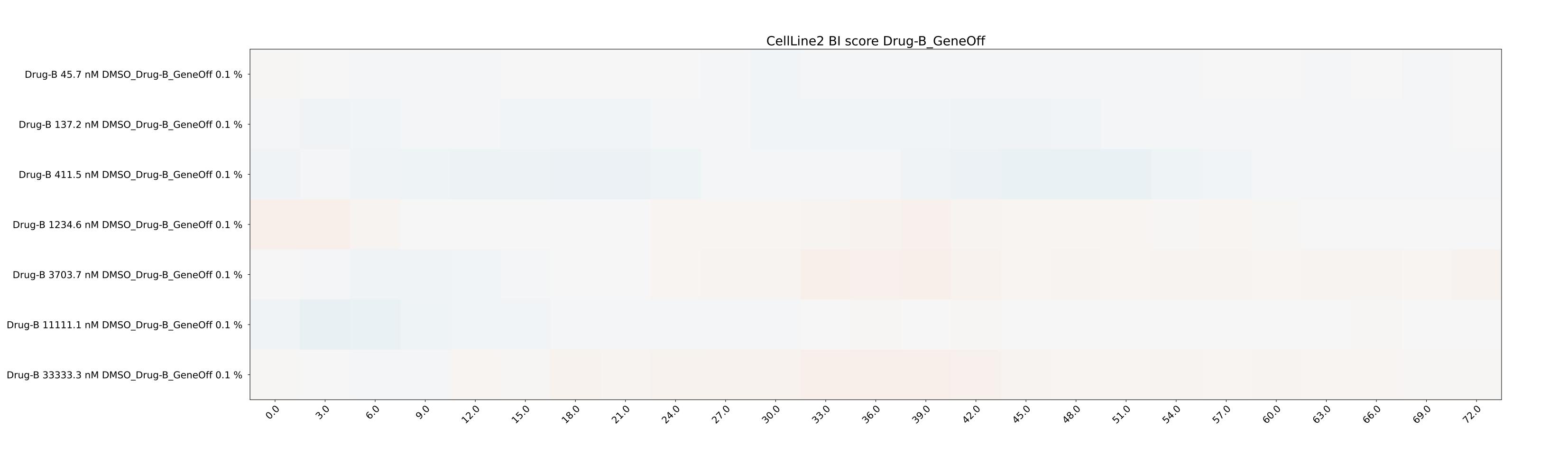


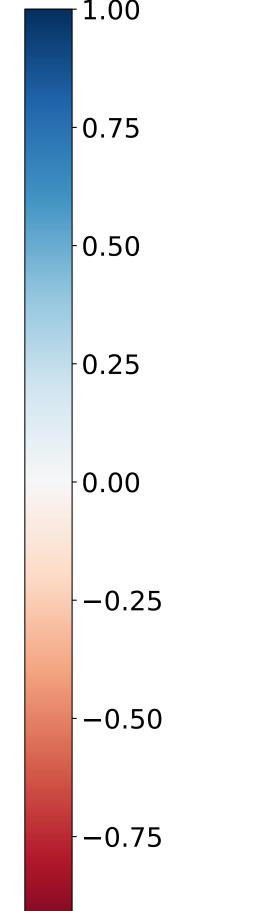


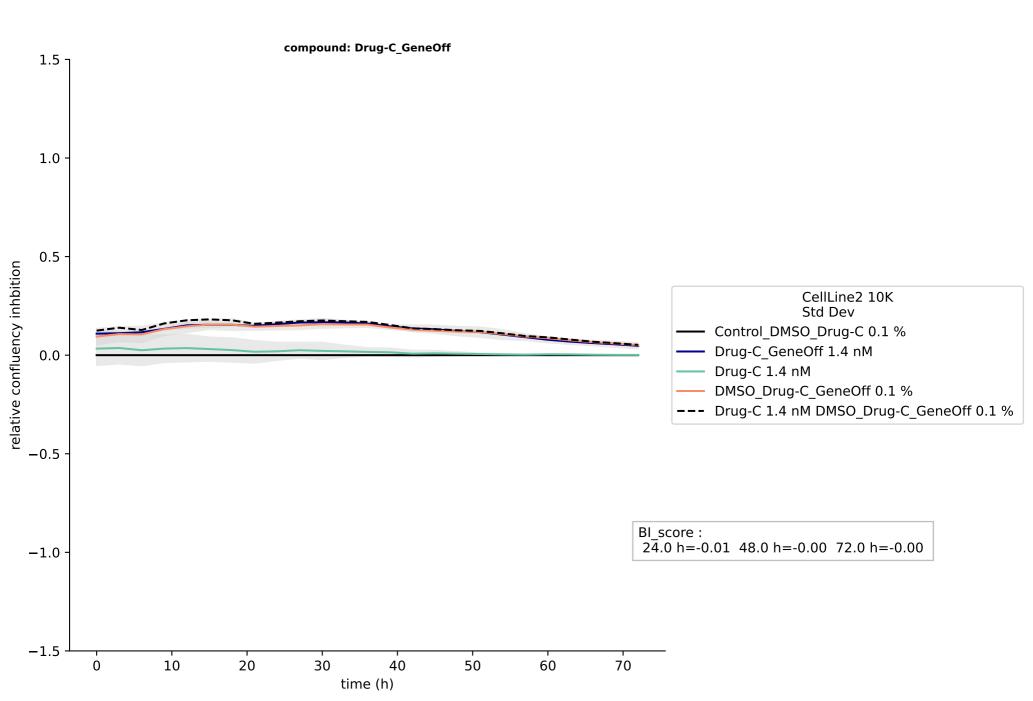


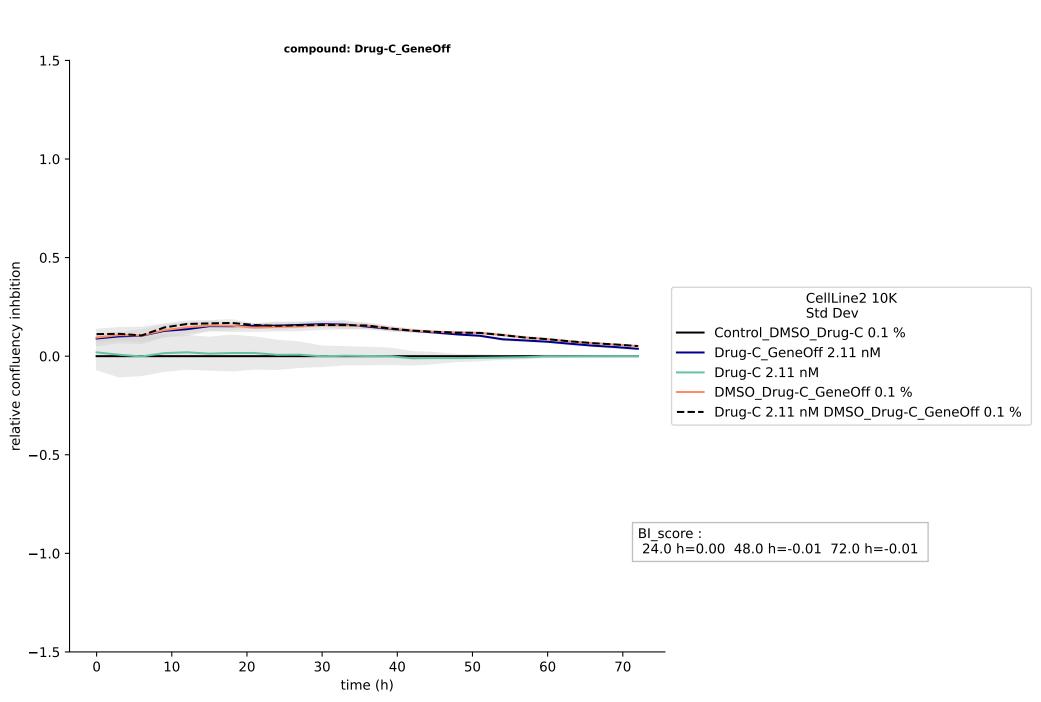


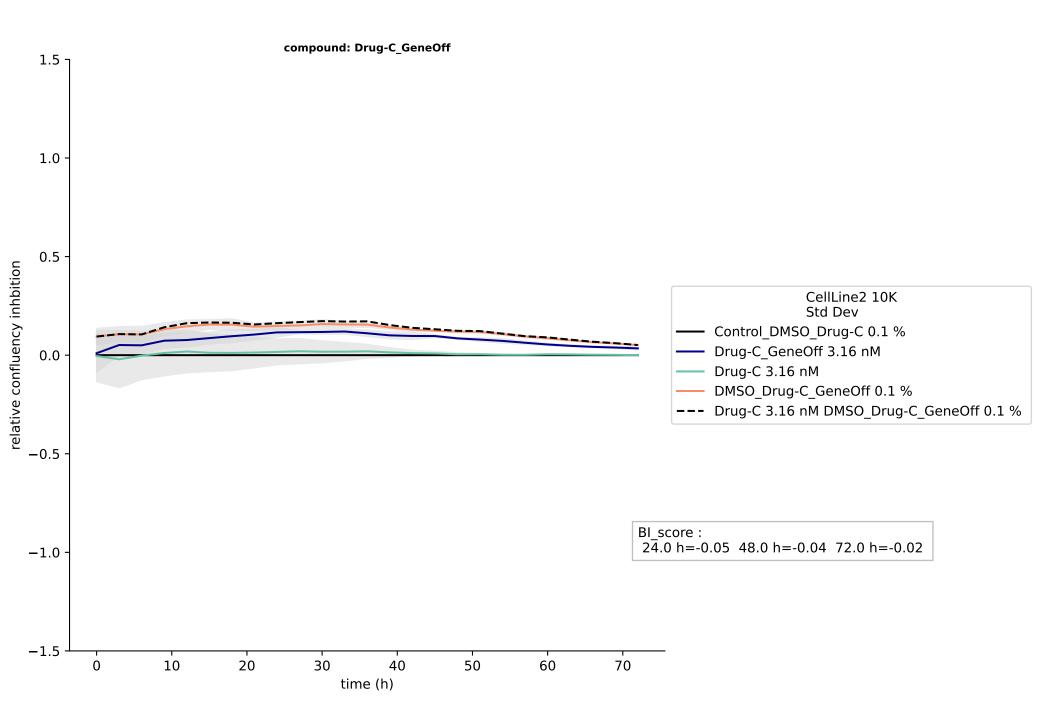


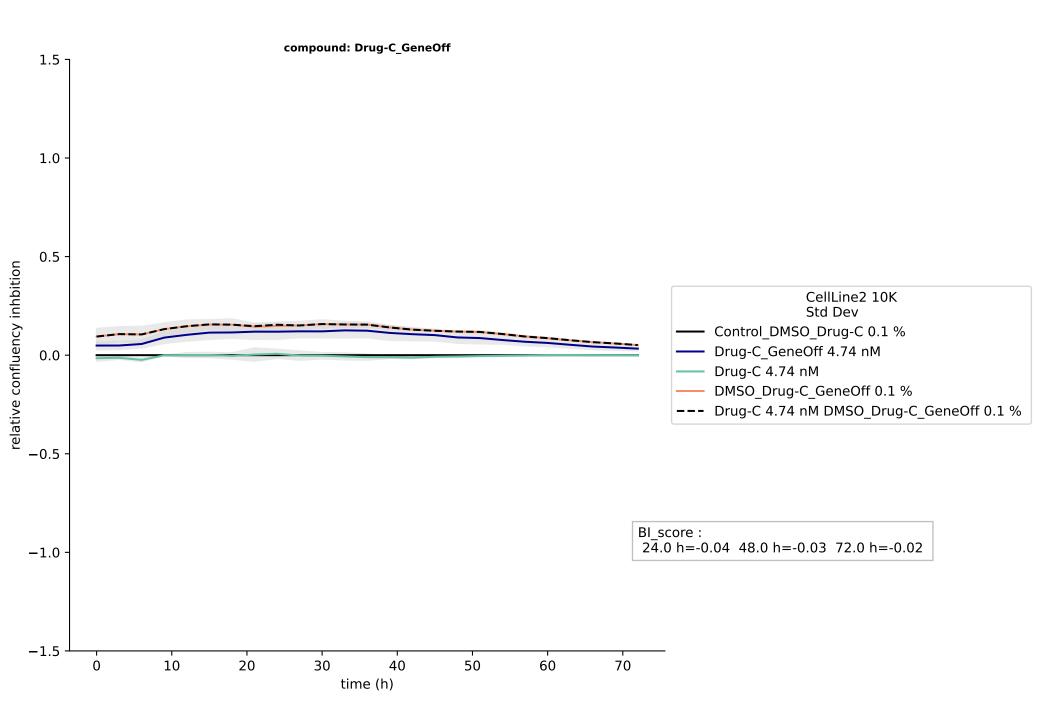


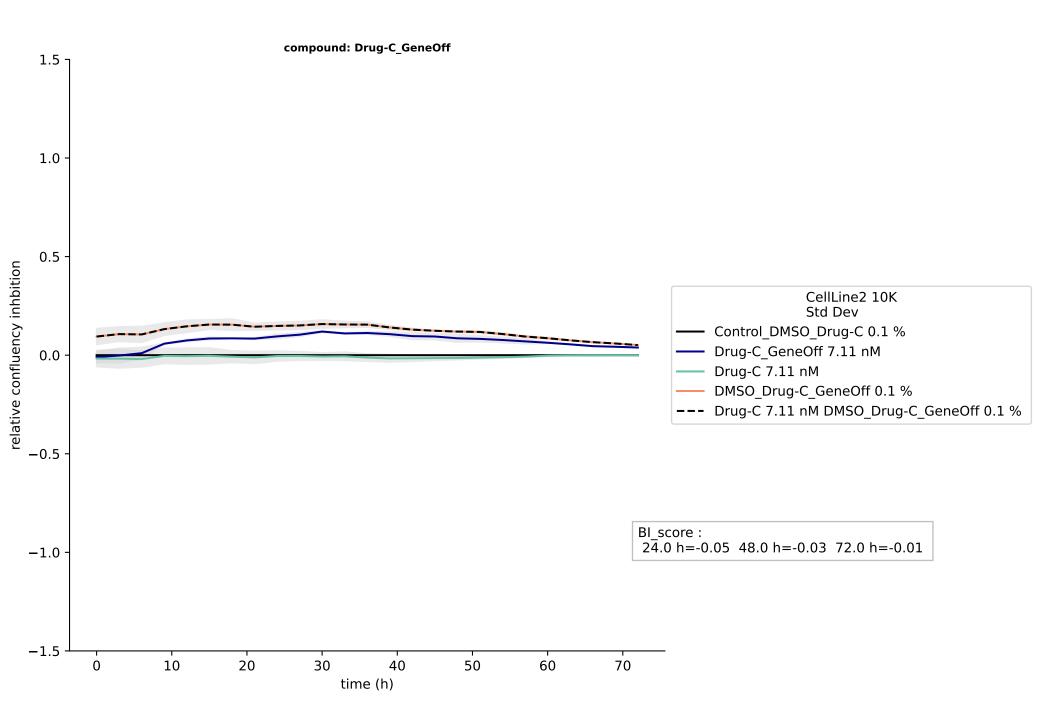


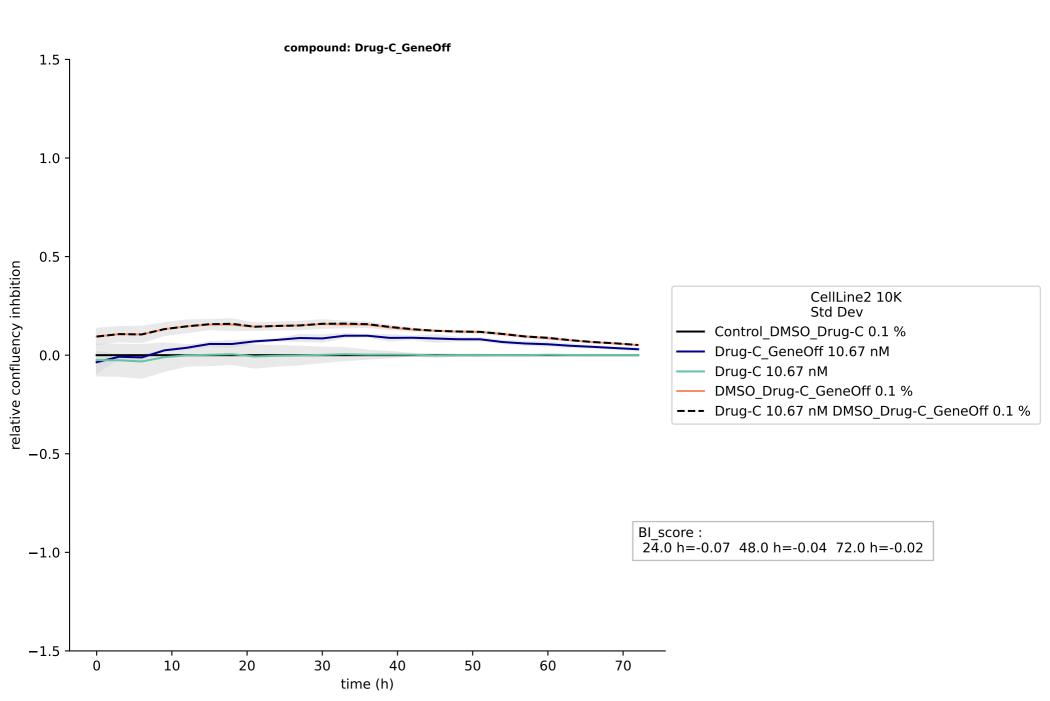


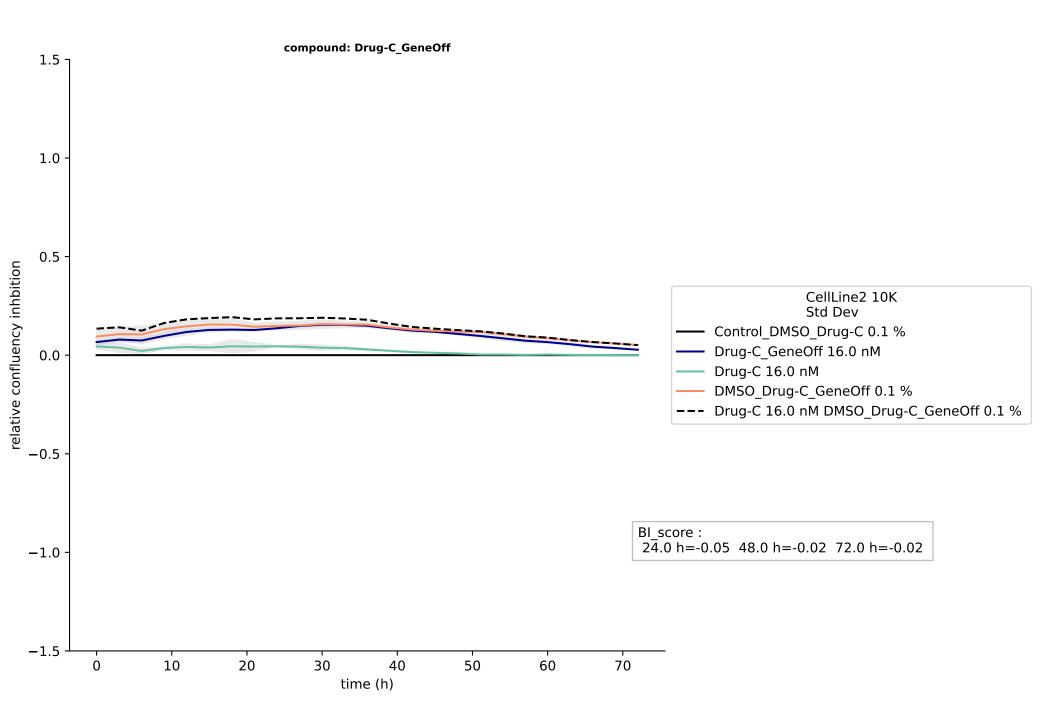


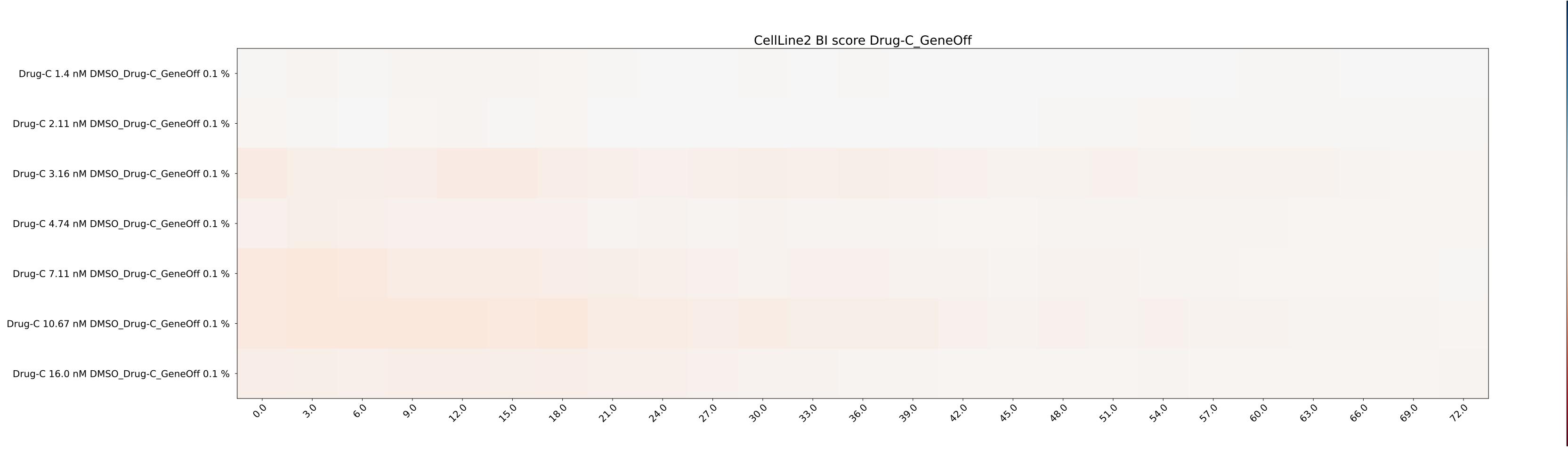


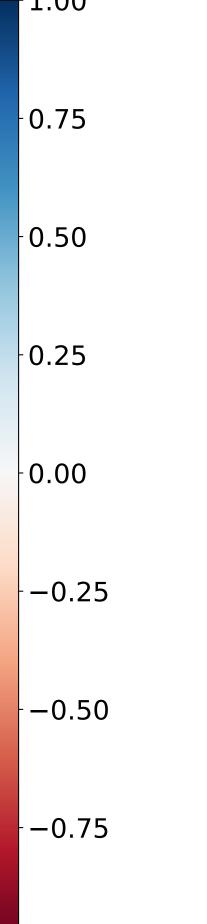


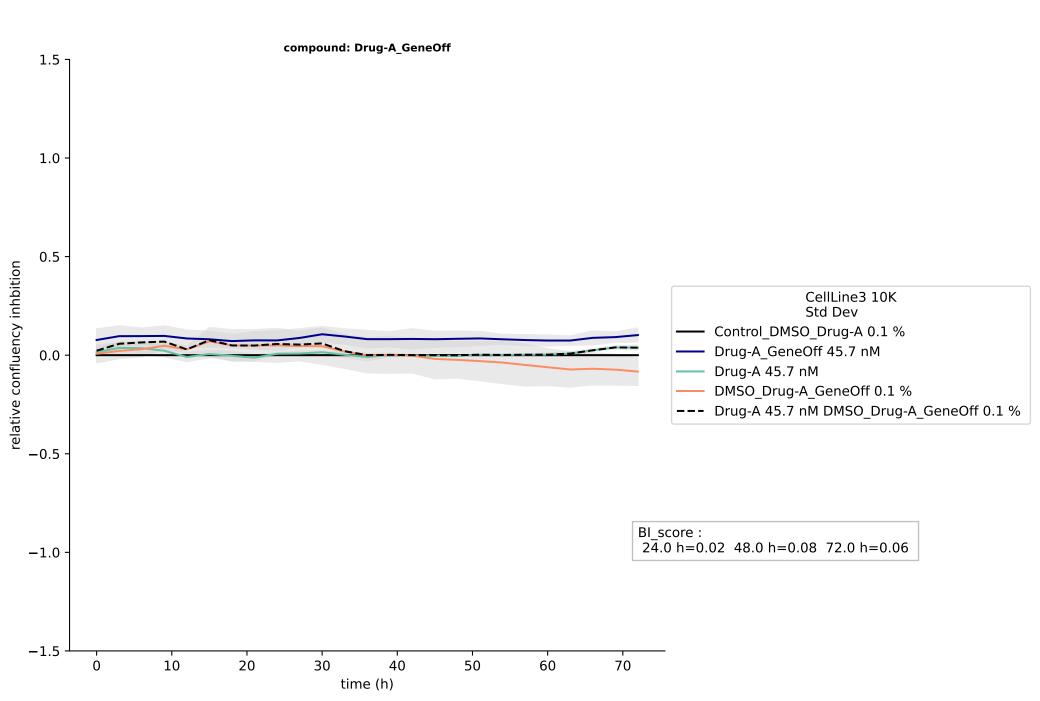


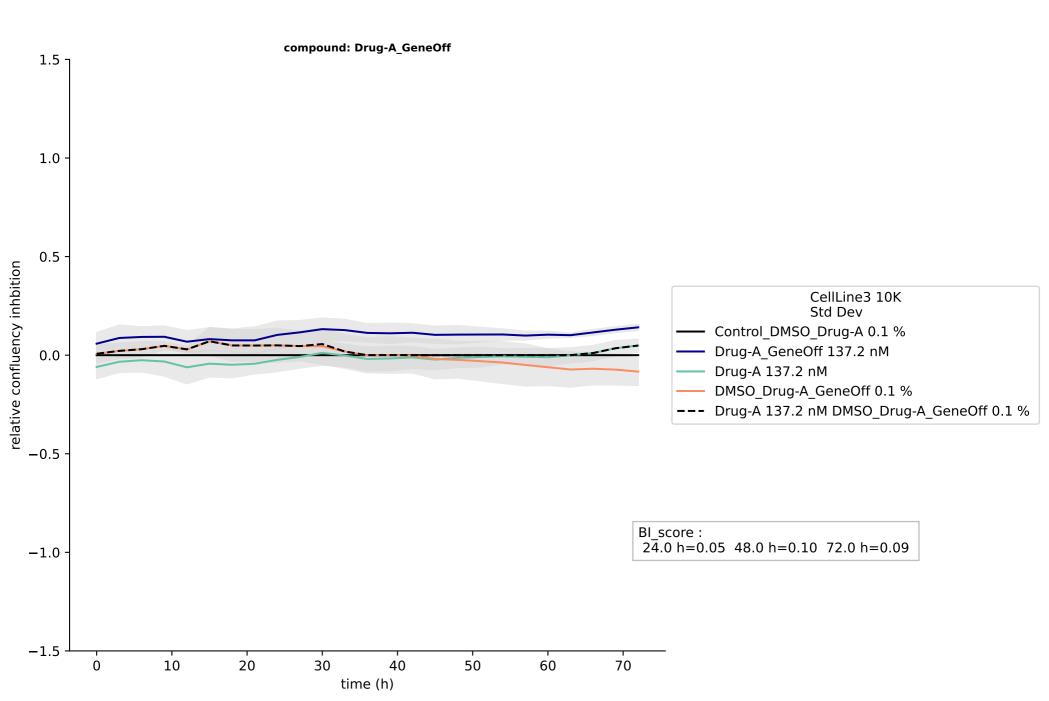


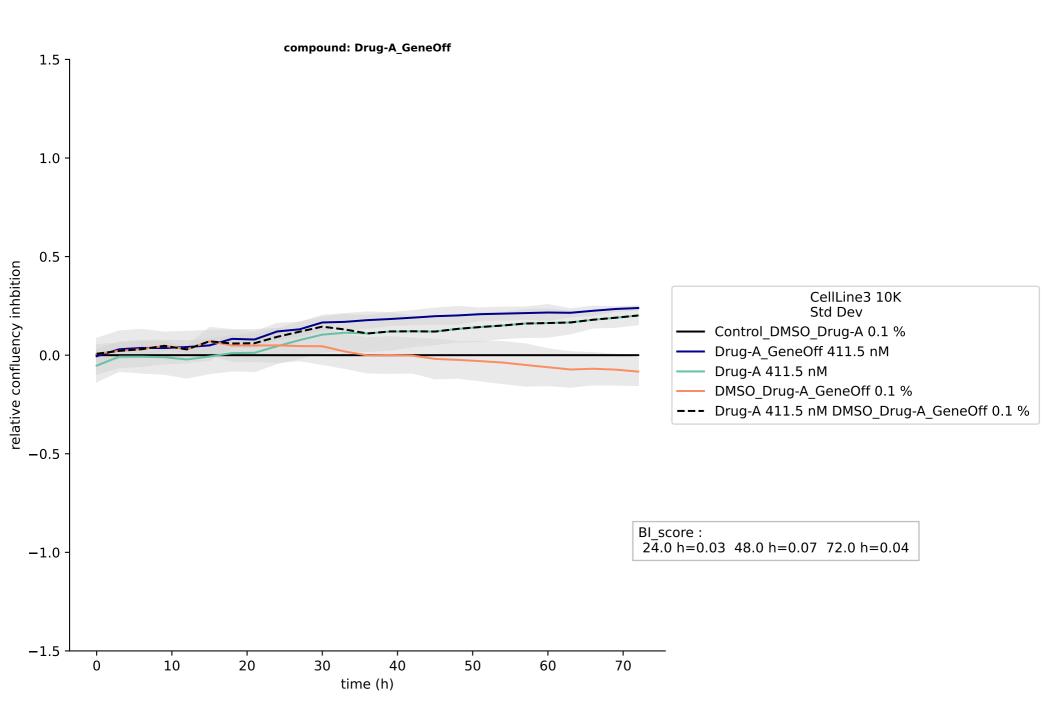


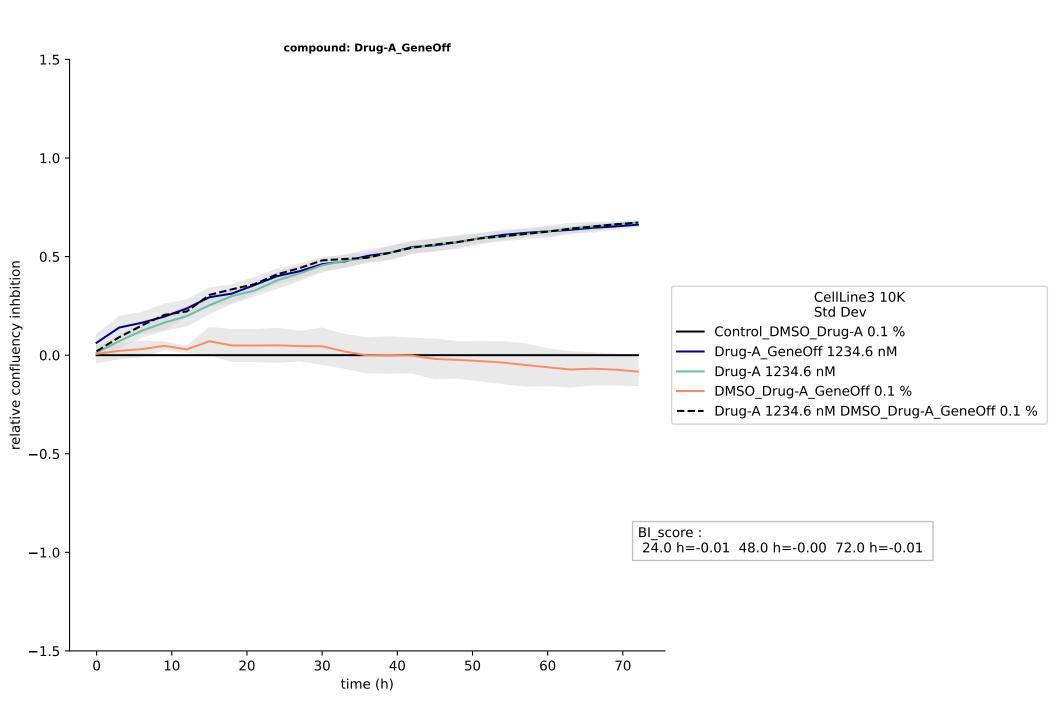


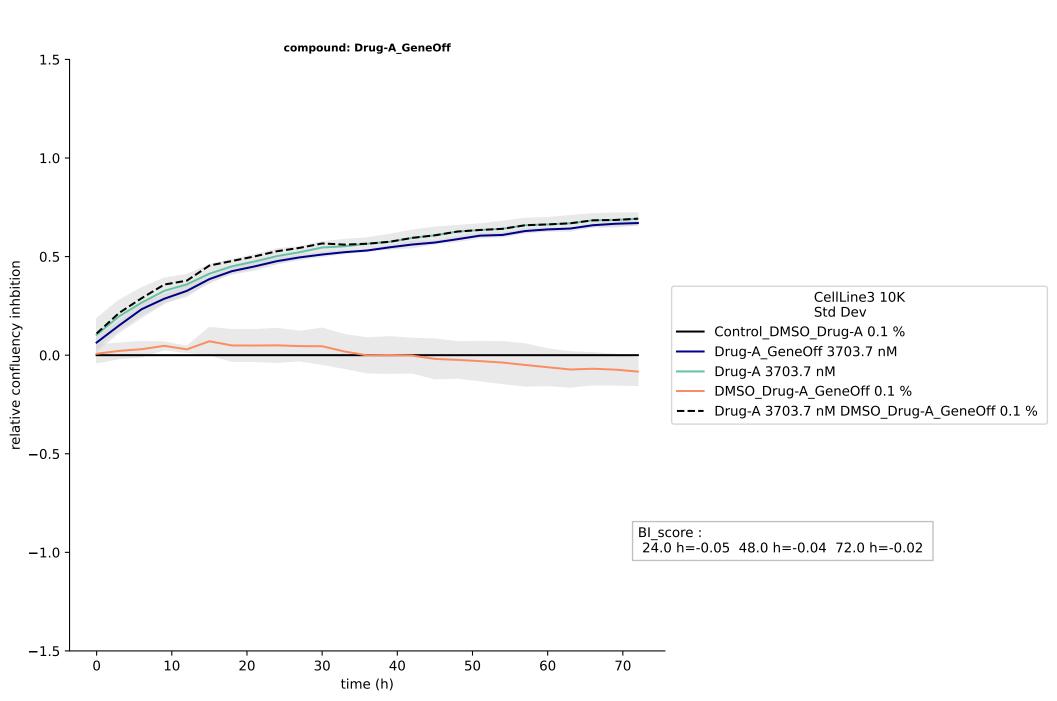


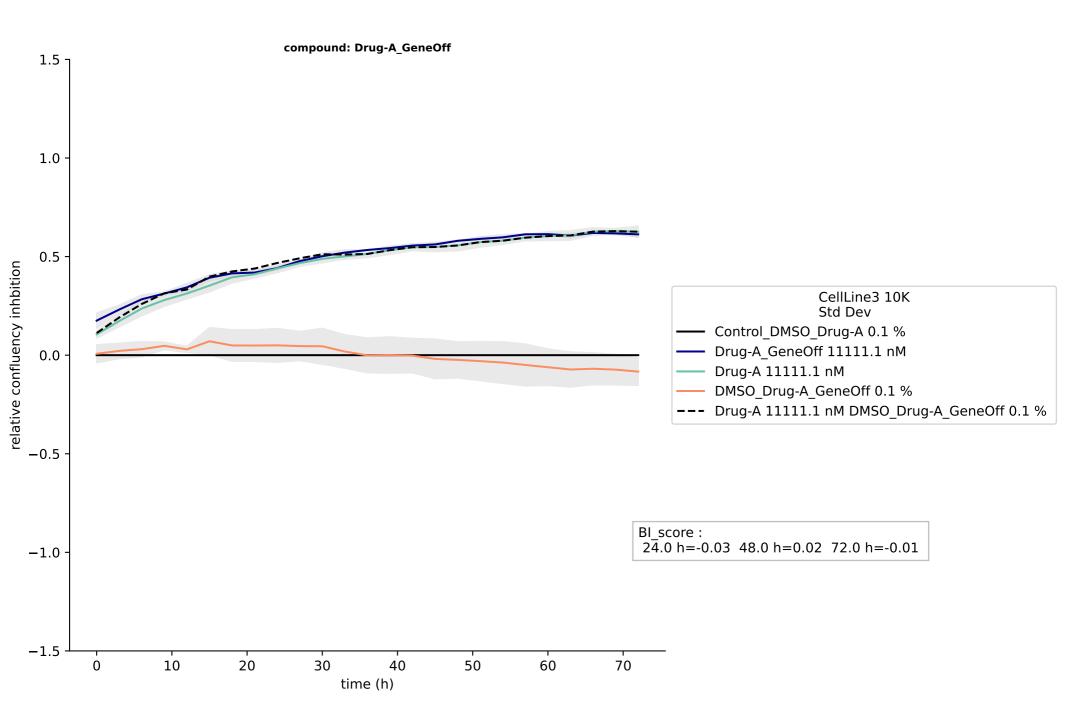


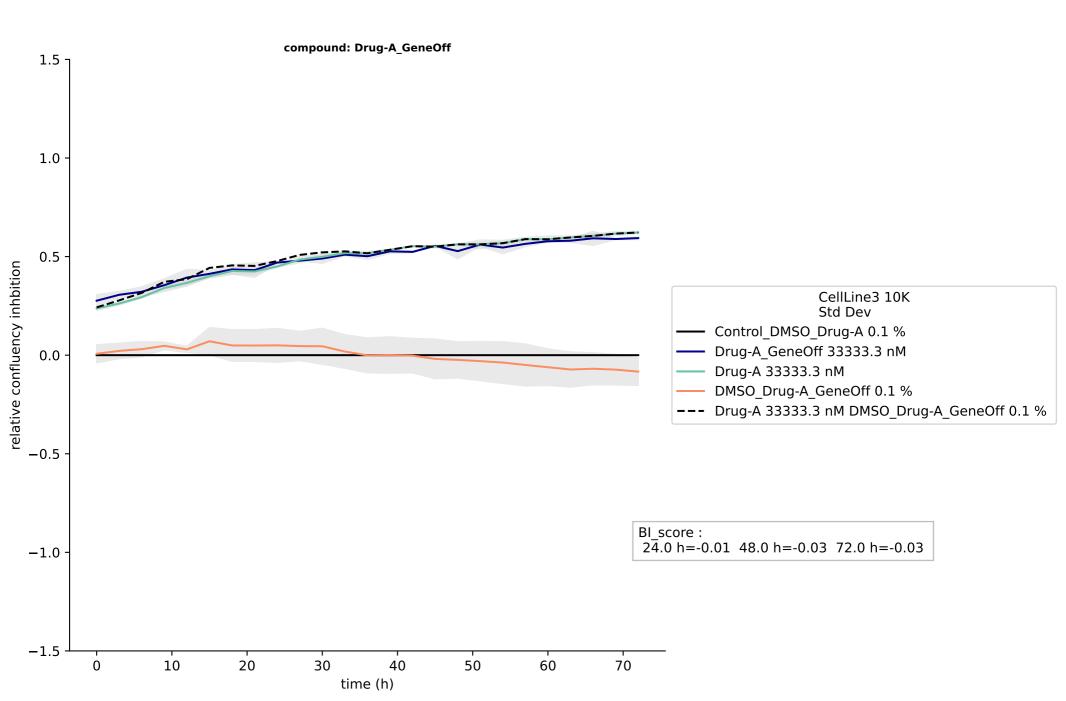


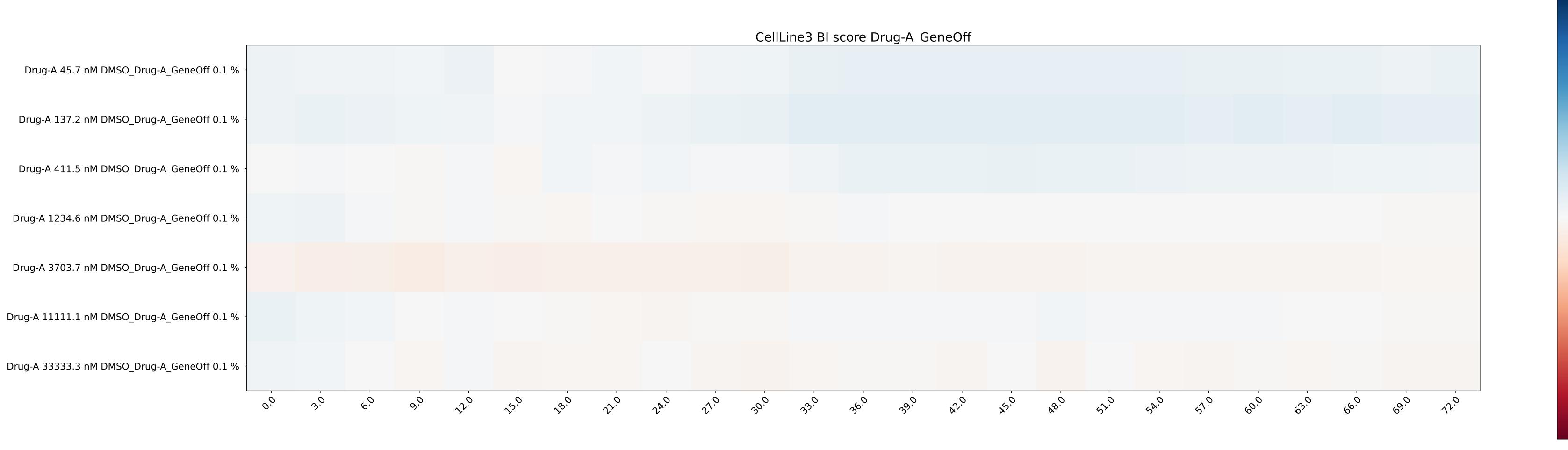


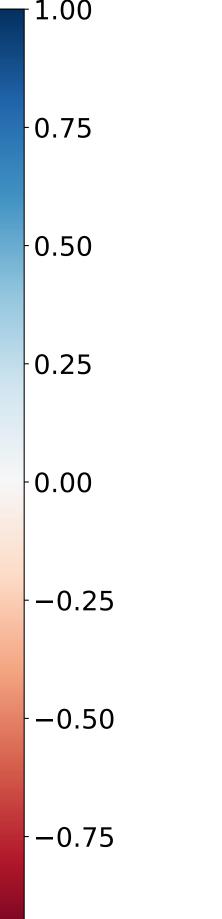


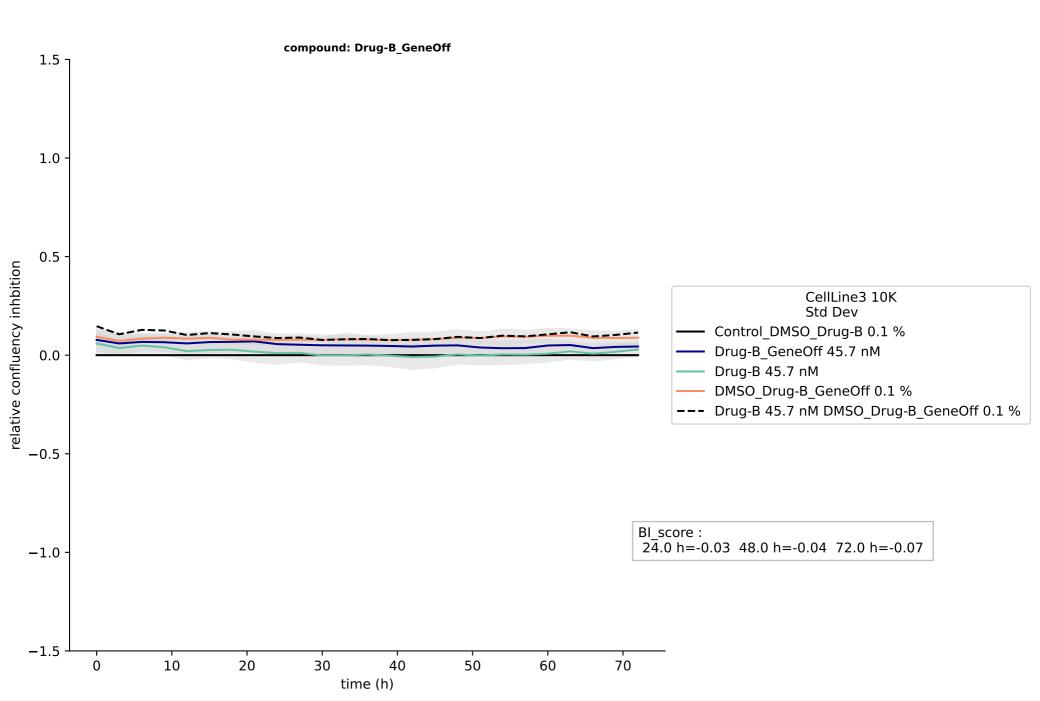


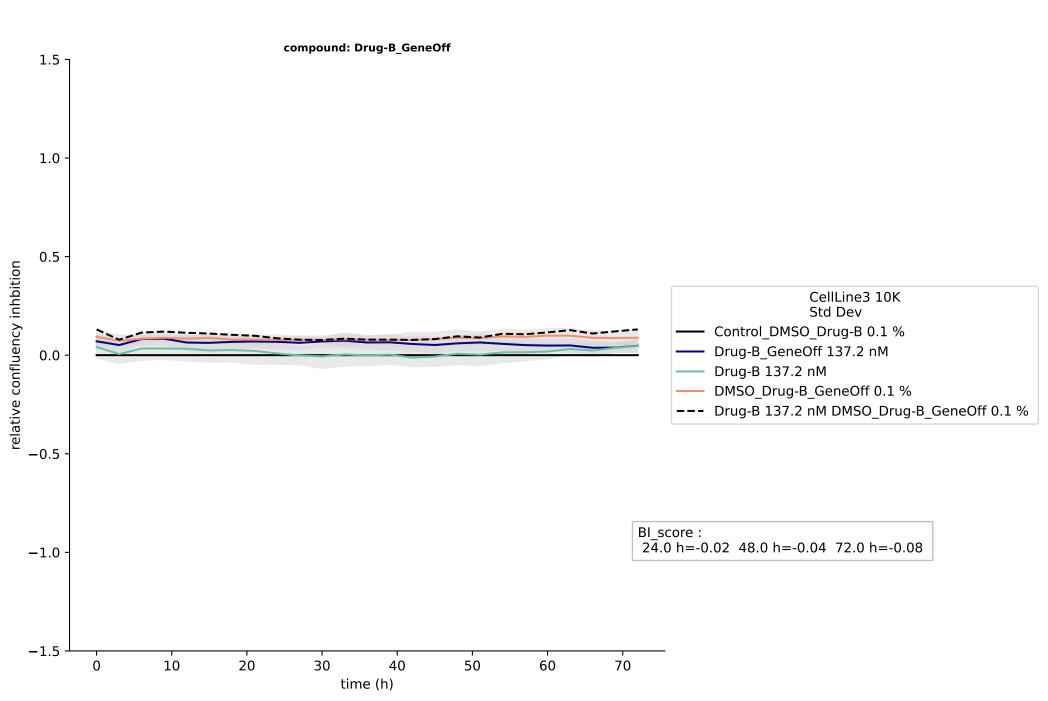


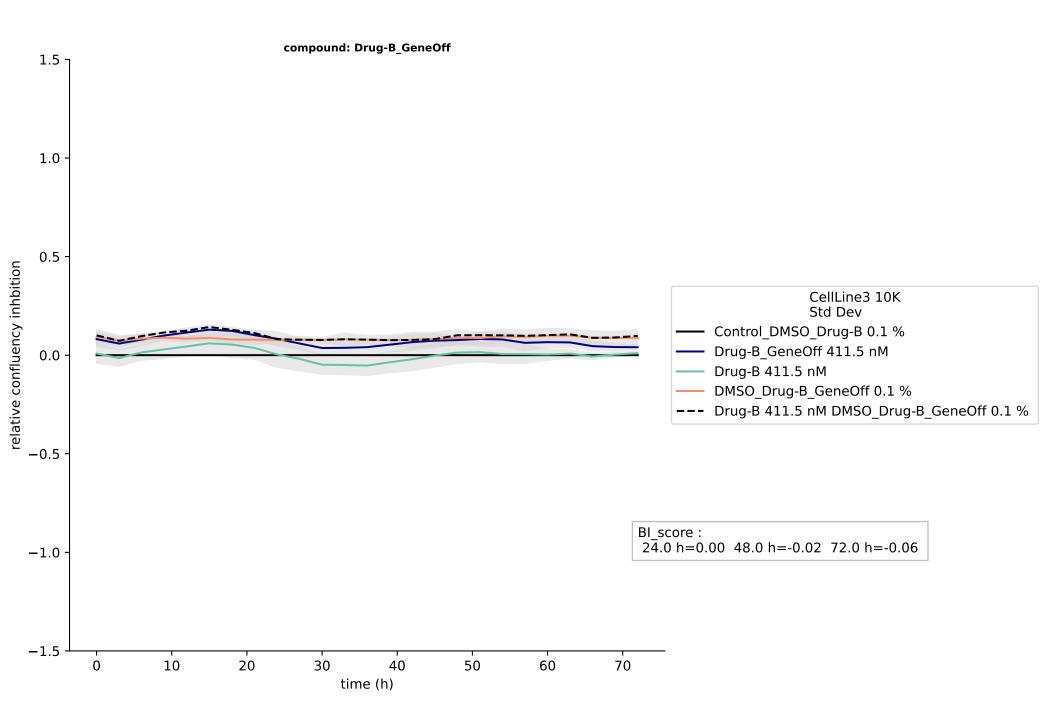


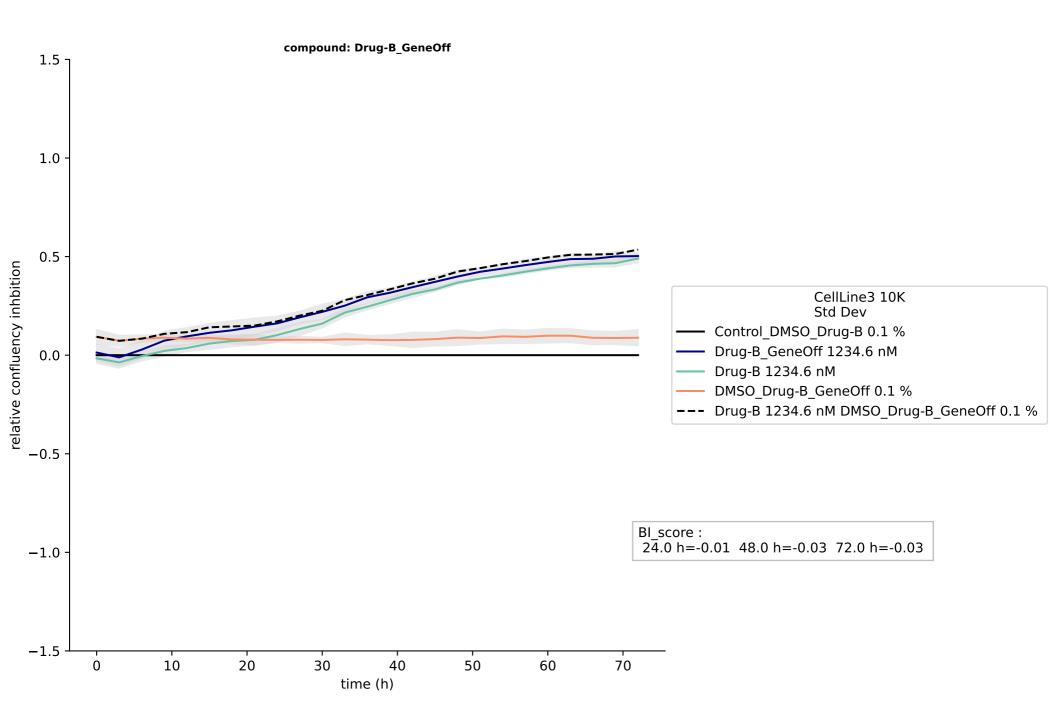


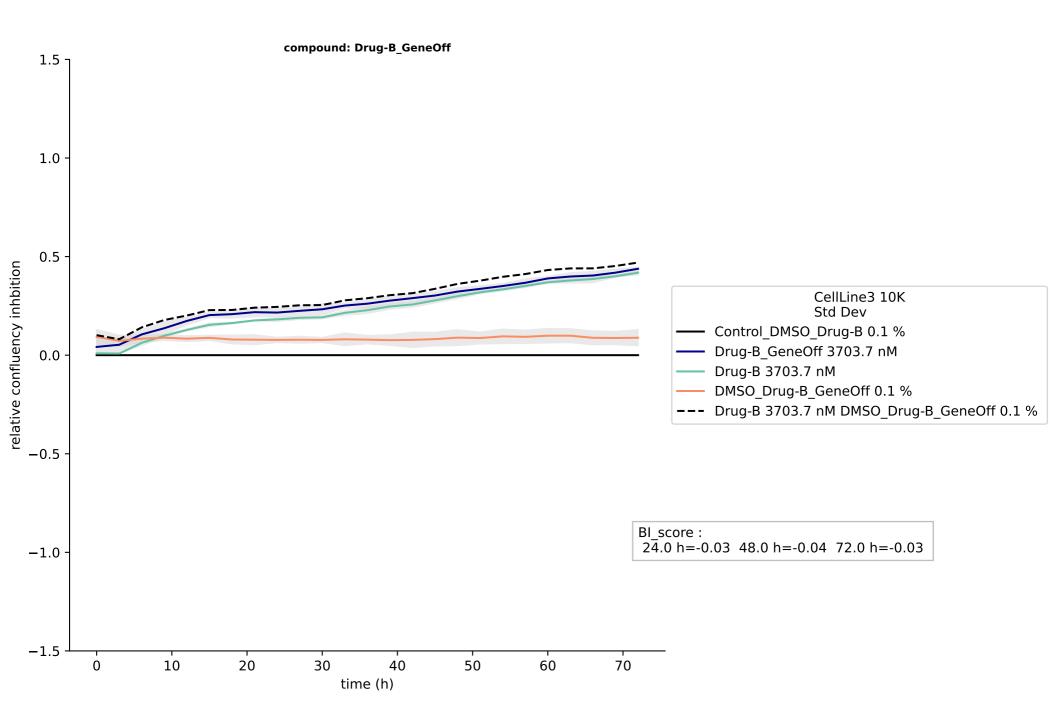


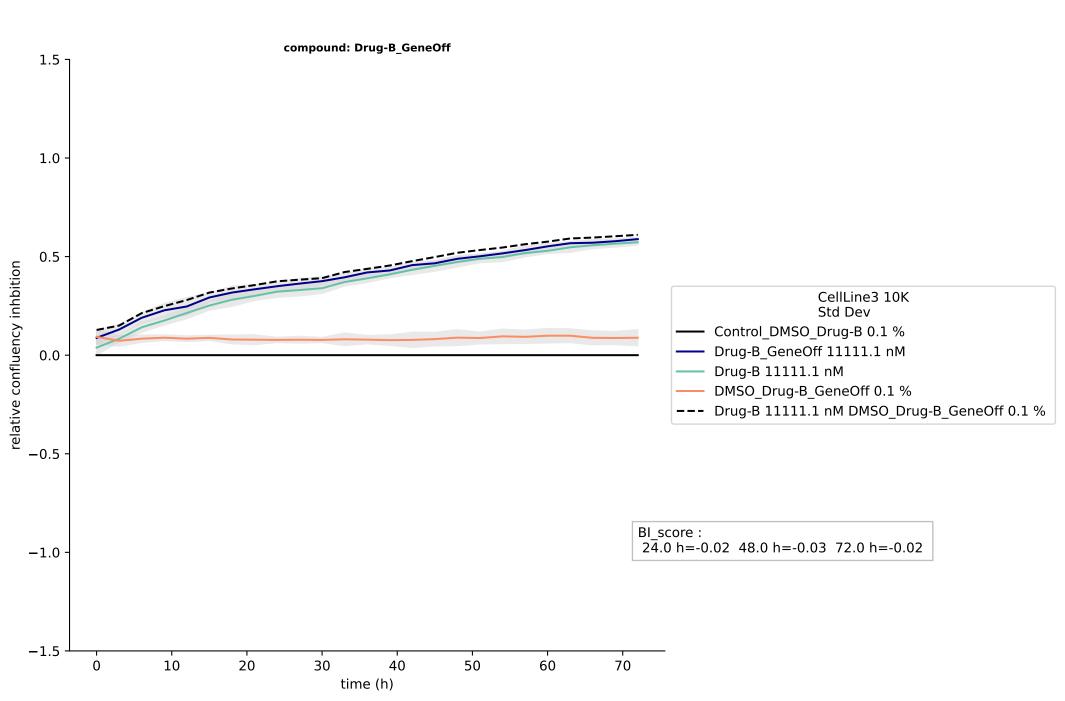


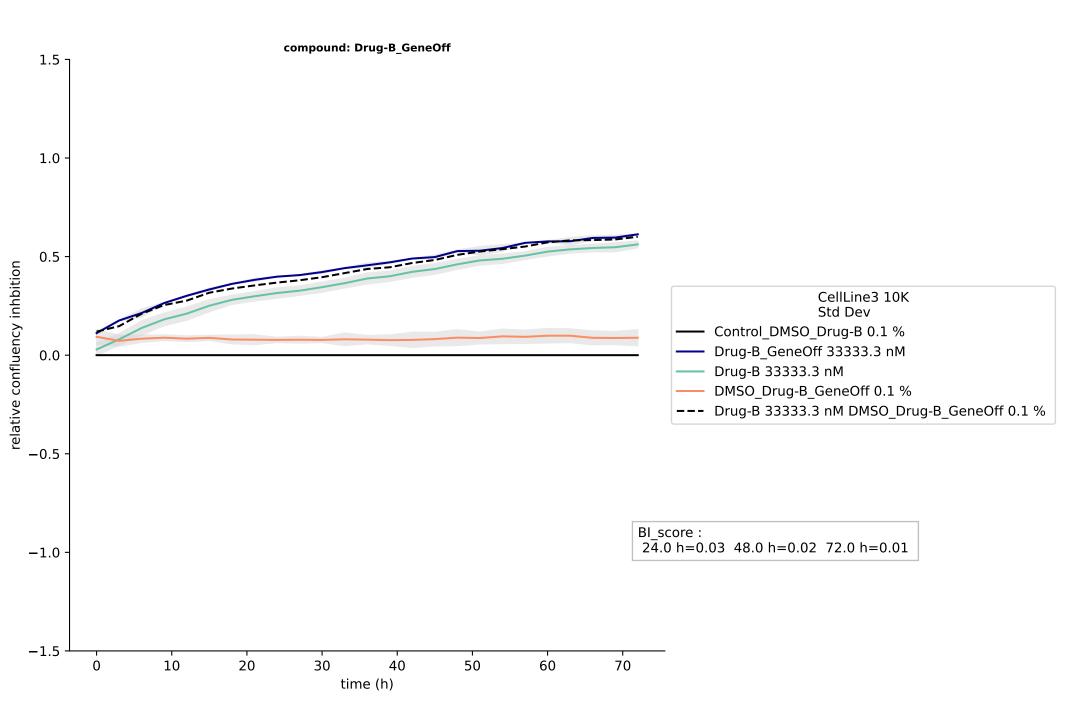


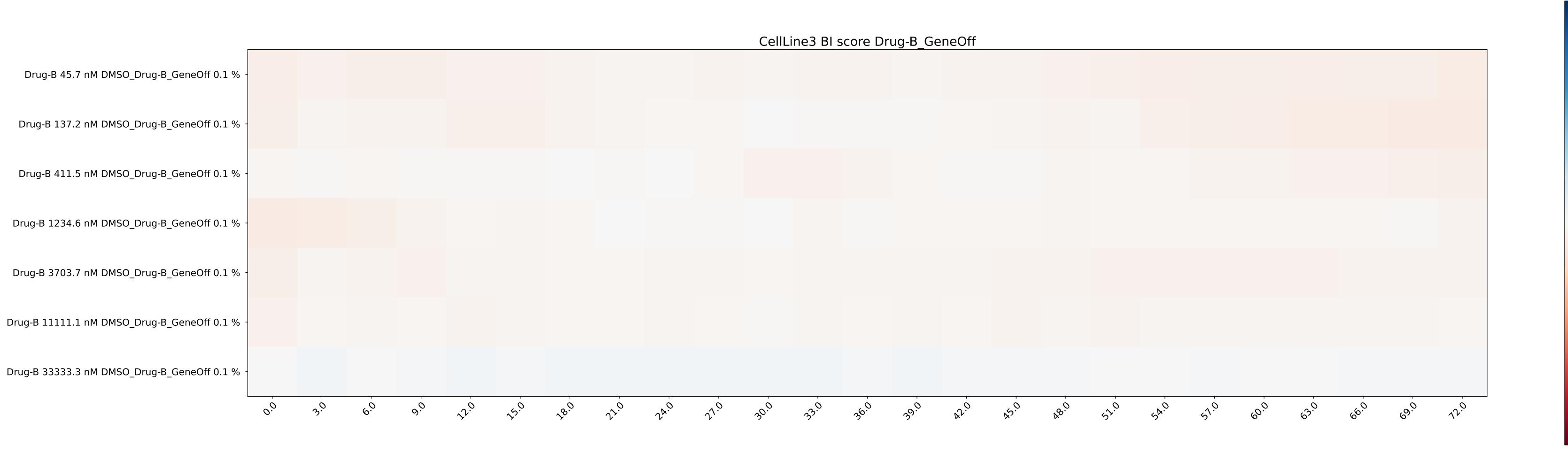


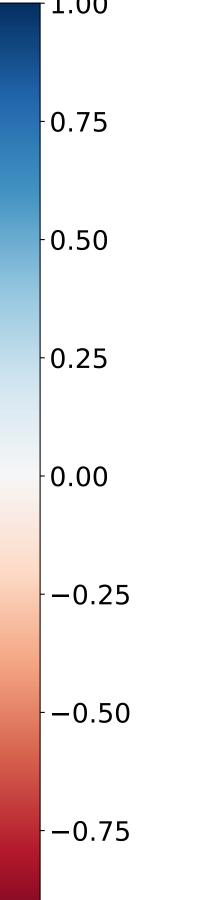


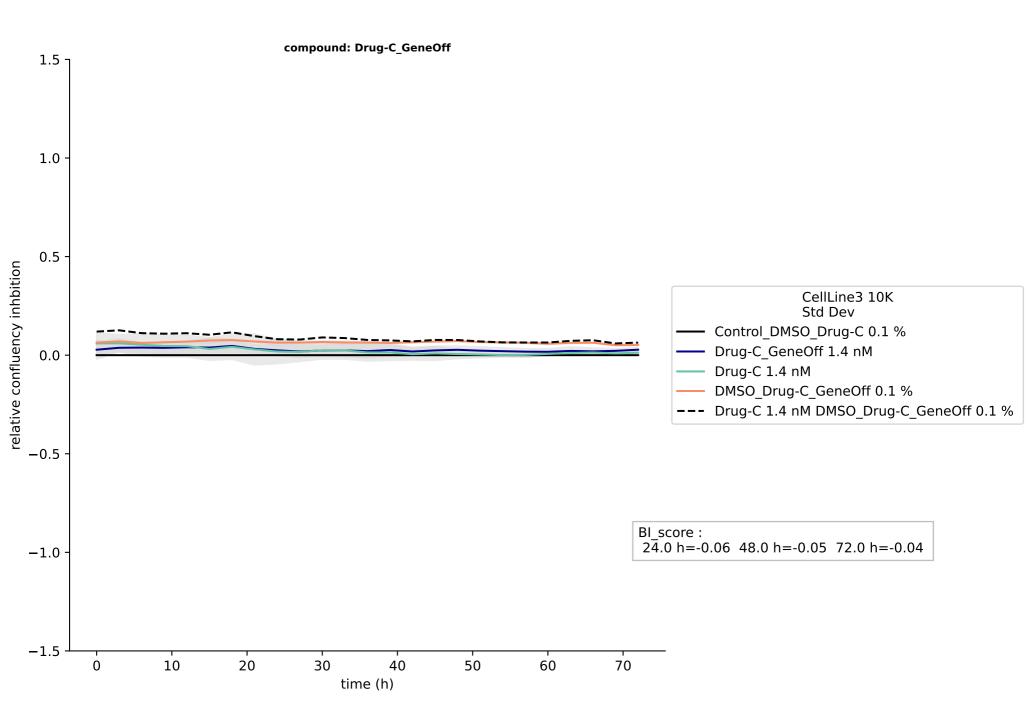


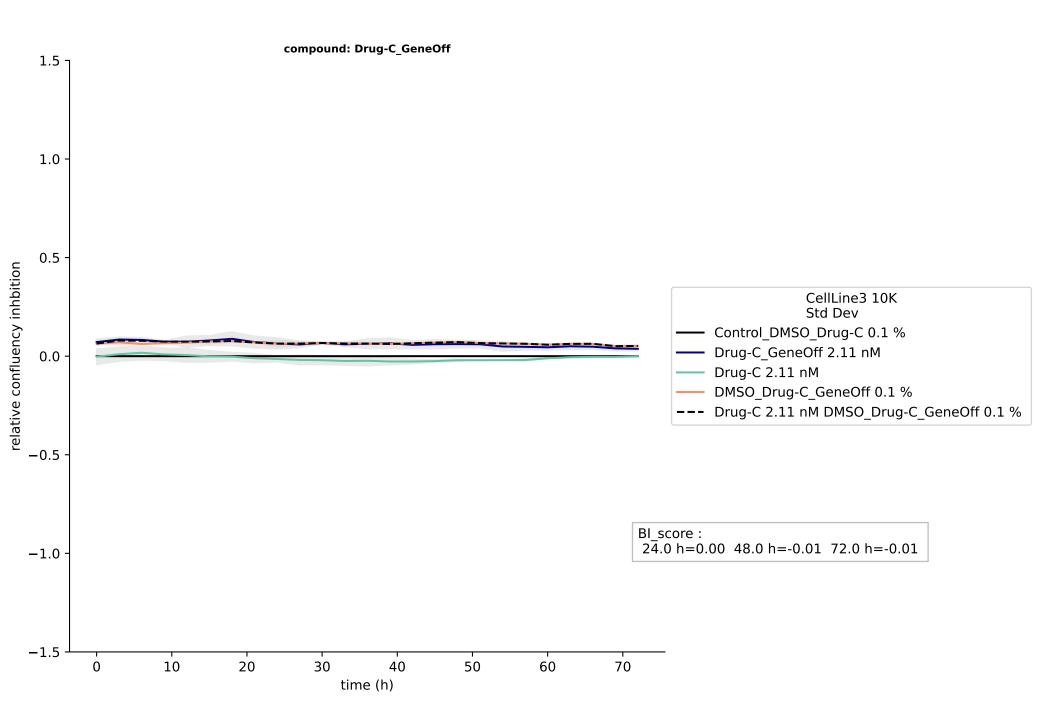


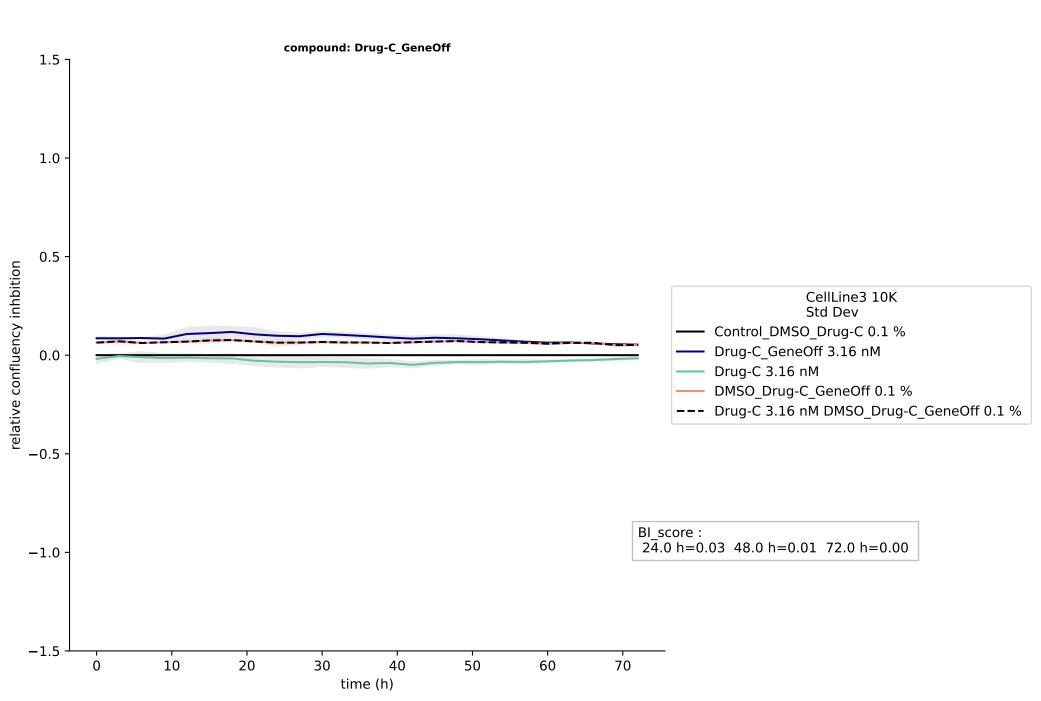




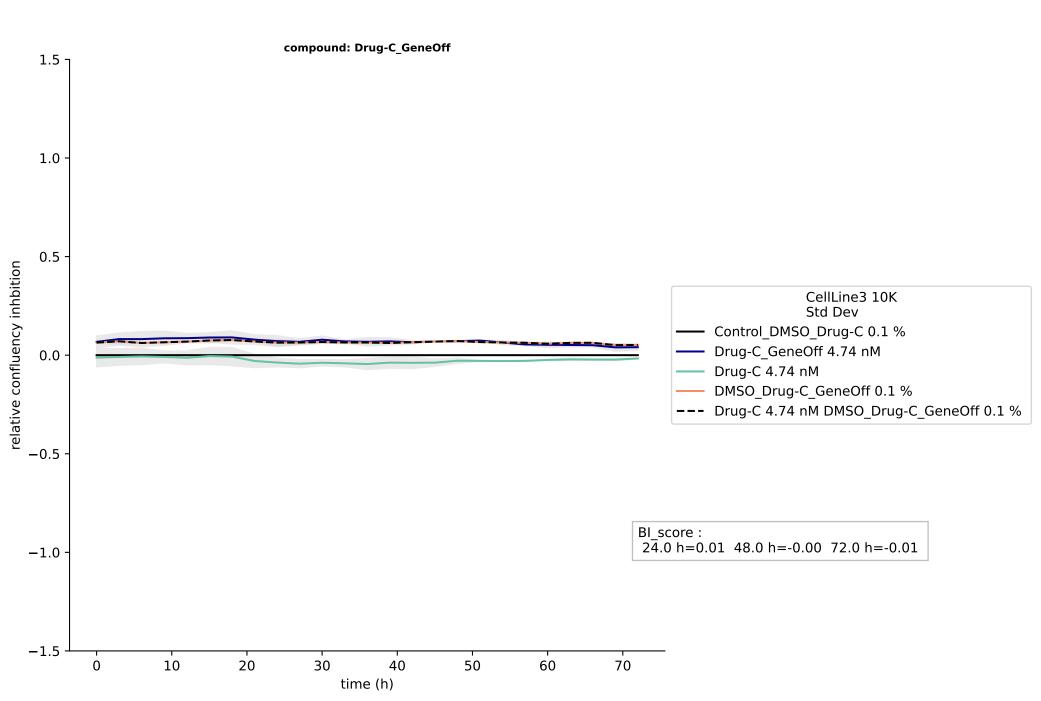


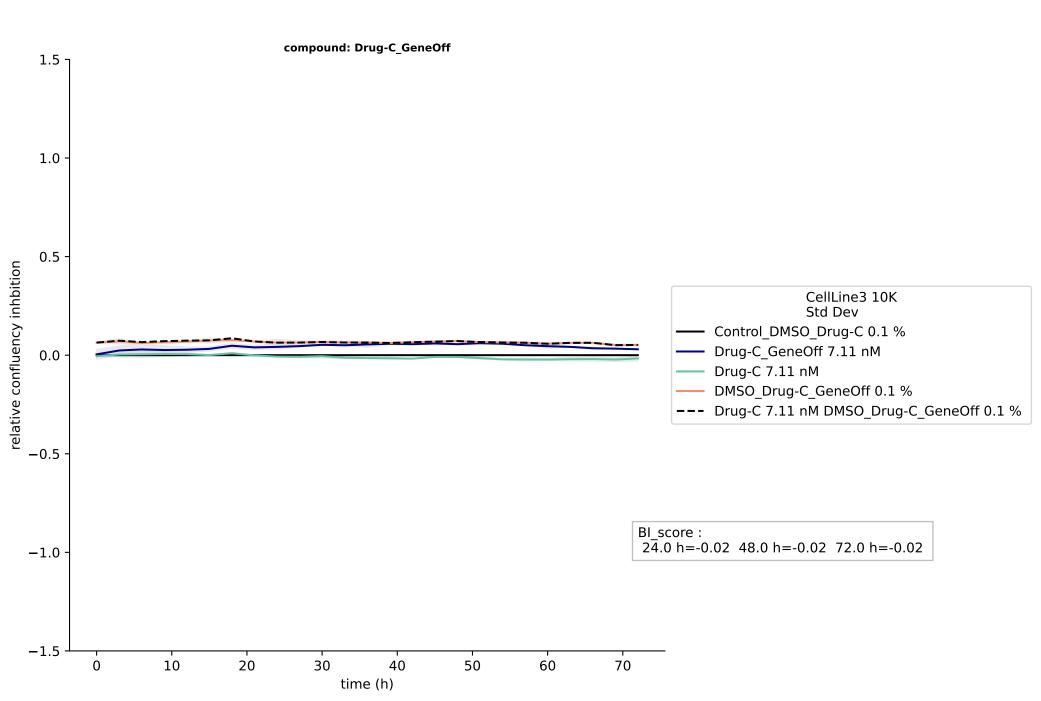


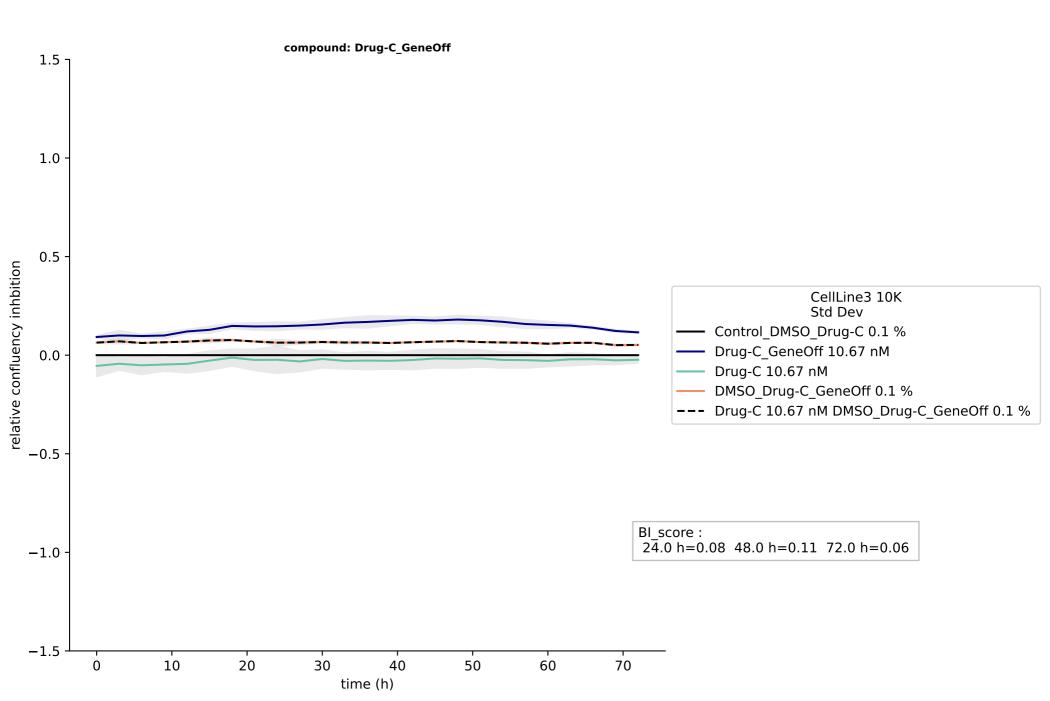


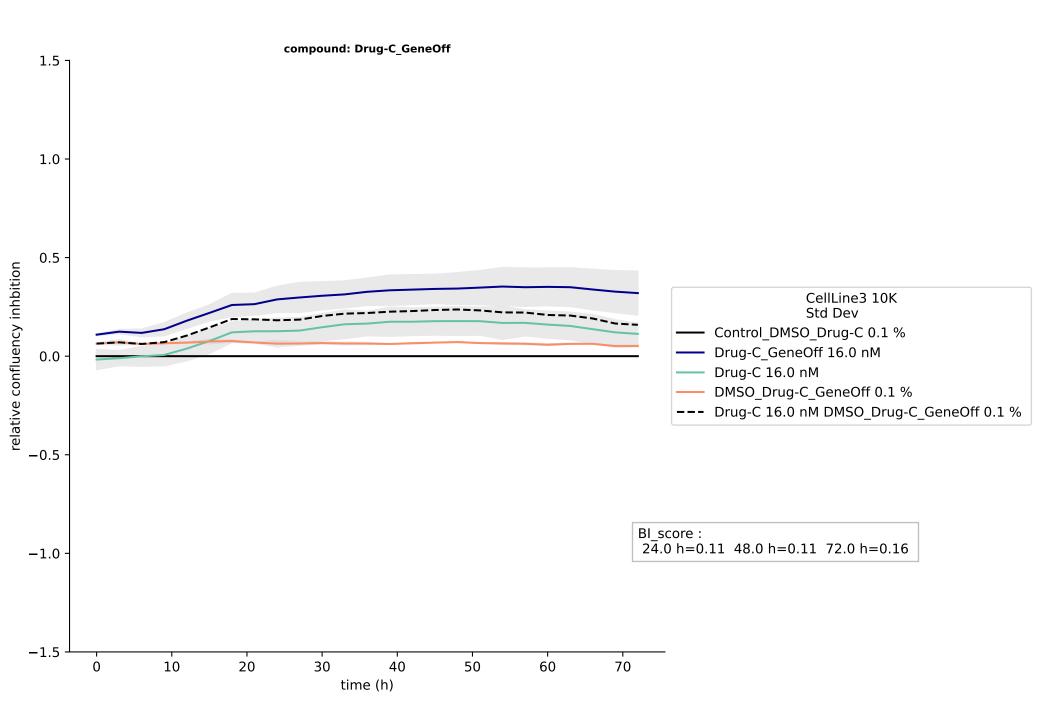


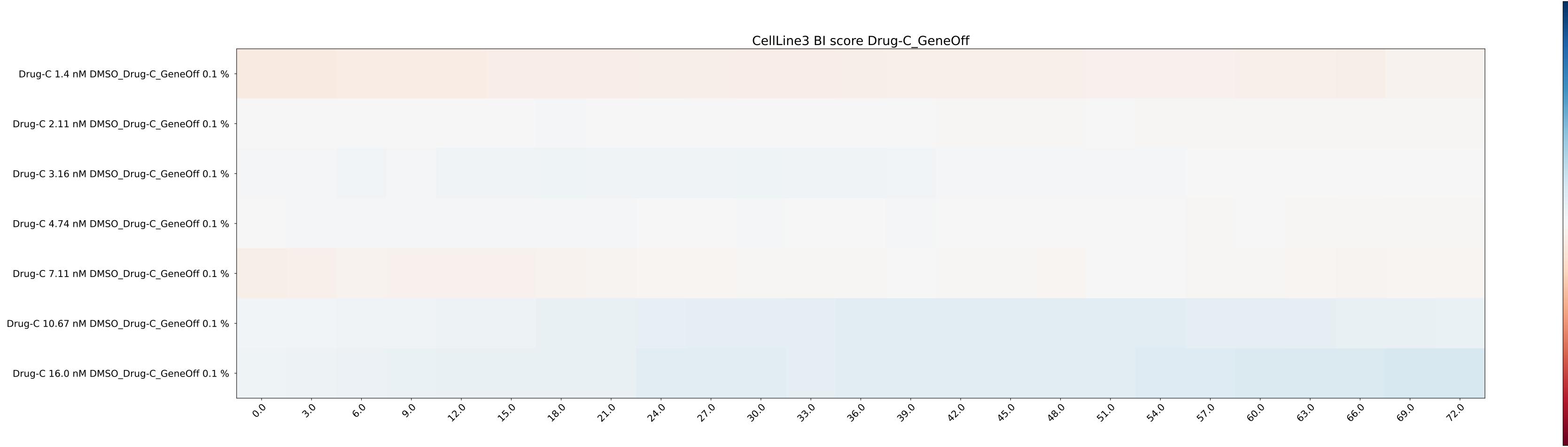
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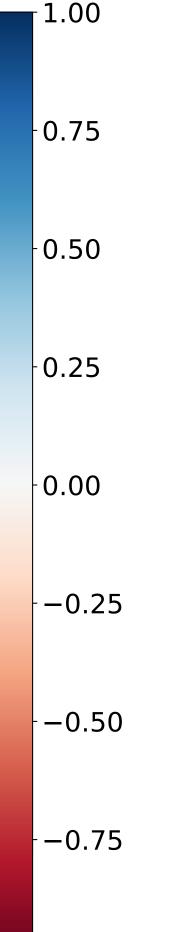








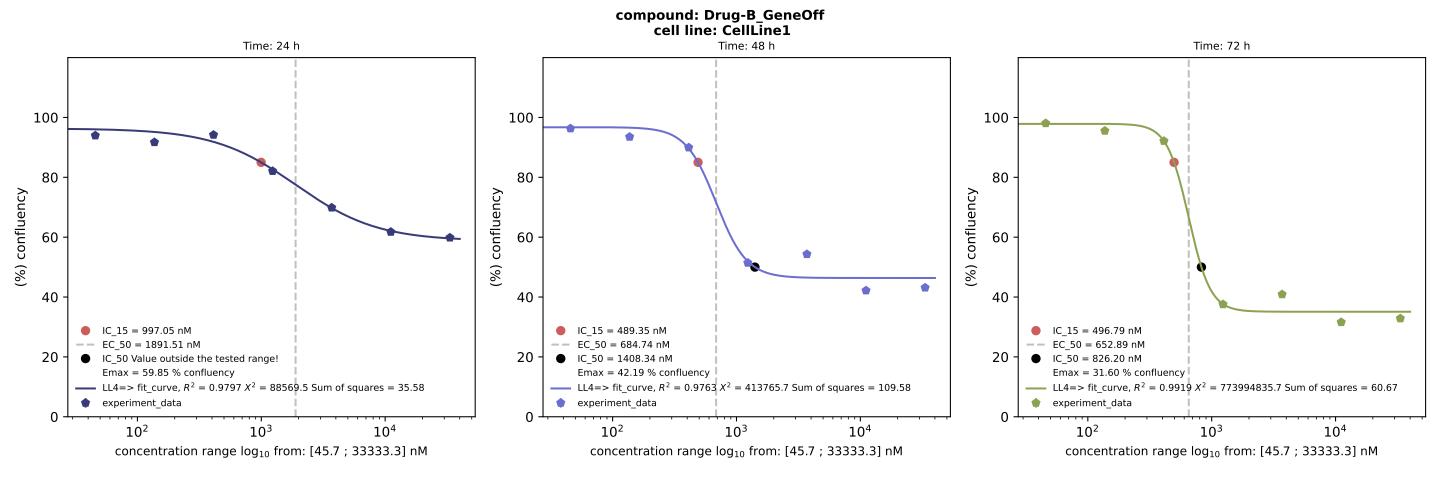


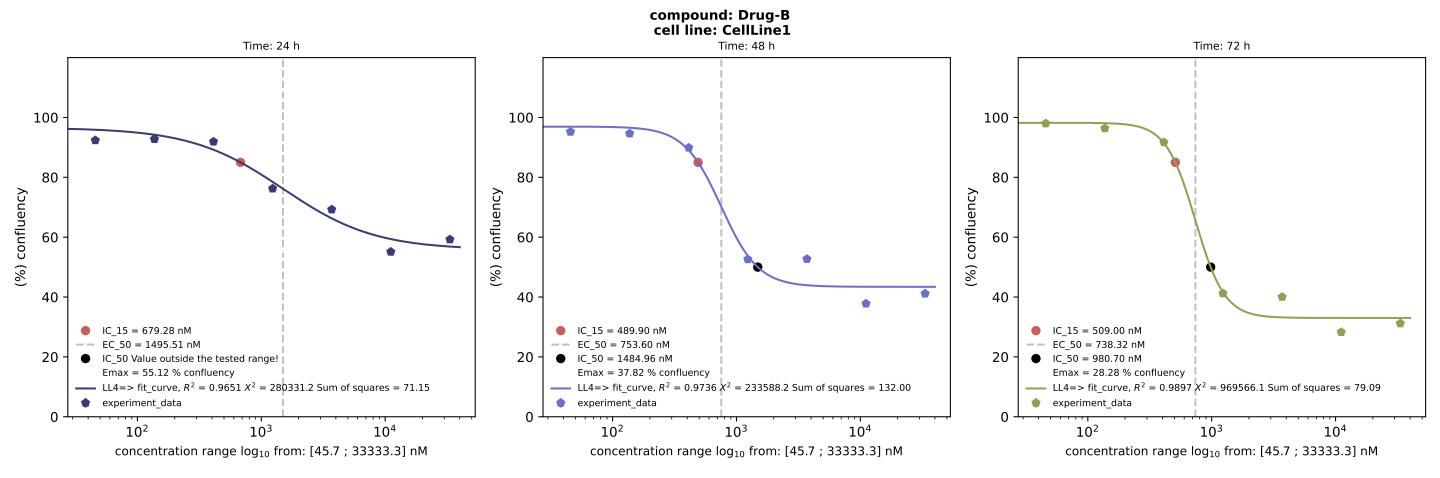


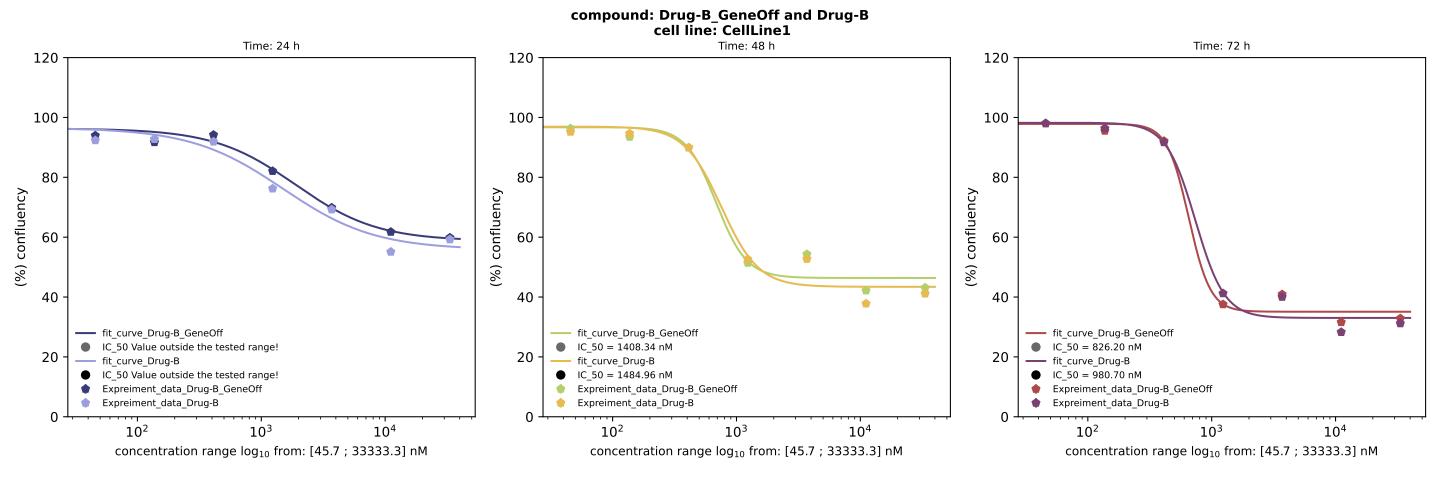
compound: Drug-A_GeneOff cell line: CellLine1 Time: 48 h Time: 24 h Time: 72 h 100 100 100 80 80 80 confluency confluency 60 60 60 -(%) 40 40 IC 15 = 458.69 nM IC 15 = 678.30 nM IC 15 = 459.23 nM -- EC 50 = 866.18 nM -- EC 50 = 648.74 nM -- EC 50 = 621.02 nM ● IC 50 = 1715.61 nM ● IC 50 = 835.63 nM ● IC 50 = 715.90 nM Emax = 46.07 % confluency Emax = 30.74 % confluency Emax = 23.67 % confluency LL4=> fit_curve, $R^2 = 0.9999 X^2 = 33858.9 \text{ Sum of squares} = 1.19$ LL4=> fit_curve, $R^2 = 0.9995 X^2 = 8354757.9 \text{ Sum of squares} = 4.78$ LL4=> fit curve, $R^2 = 0.9999 X_1^2 = 4070.6$ Sum of squares = 0.75 experiment data experiment data experiment data 10^{3} 10^{4} 10^{3} 10^{4} 10^{2} 10^{4} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM

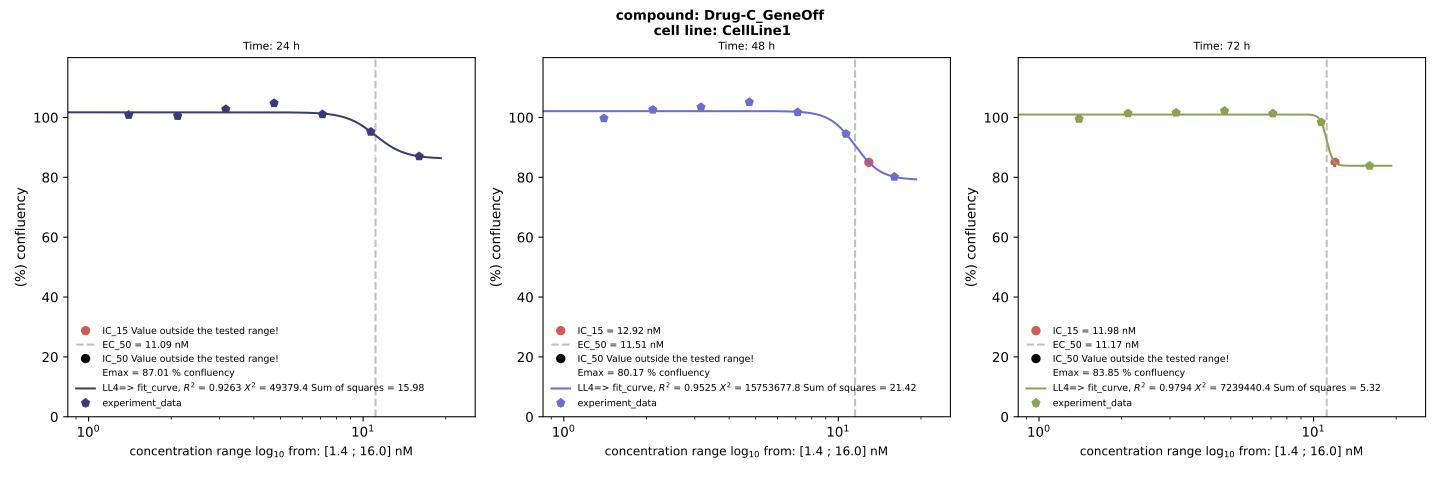
compound: Drug-A cell line: CellLine1 Time: 48 h Time: 24 h Time: 72 h 100 100 100 80 80 80 confluency confluency 60 60 60 -(%) (%) 40 40 ● IC 15 = 370.32 nM IC 15 = 536.68 nM IC 15 = 397.68 nM -- EC 50 = 777.86 nM -- EC 50 = 585.71 nM -- EC 50 = 574.00 nM ● IC 50 = 1594.13 nM ● IC 50 = 775.68 nM ● IC 50 = 671.17 nM Emax = 40.97 % confluency Emax = 28.52 % confluency Emax = 22.14 % confluency LL4=> fit_curve, $R^2 = 0.9980 X^2 = 50683.3 \text{ Sum of squares} = 11.55$ LL4=> fit_curve, $R^2 = 0.9990 X^2 = 96911.3 \text{ Sum of squares} = 9.97$ LL4=> fit_curve, $R^2 = 0.9986 X^2 = 137480.8 \text{ Sum of squares} = 11.55$ experiment data experiment data experiment data 10^{3} 10^{4} 10^{3} 10^{4} 10^{2} 10^{4} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM

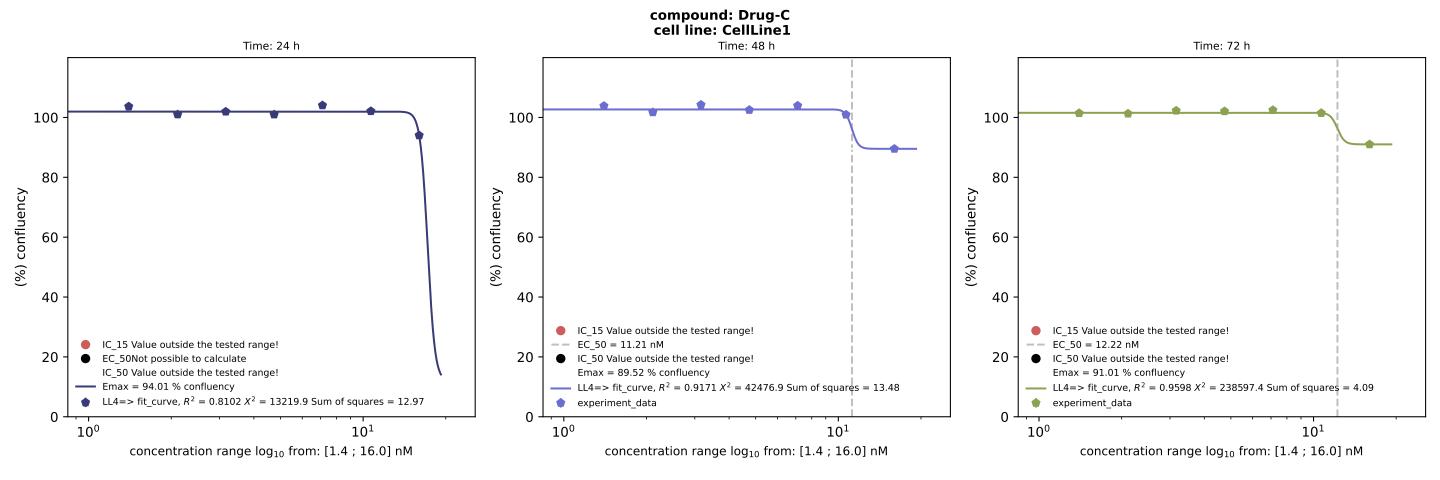
compound: Drug-A_GeneOff and Drug-A cell line: CellLine1 Time: 48 h Time: 24 h Time: 72 h 120 120 120 100 100 100 80 80 80 confluency confluency 60 60 60 (%) 40 40 fit_curve_Drug-A_GeneOff fit_curve_Drug-A_GeneOff fit_curve_Drug-A_GeneOff IC_50 = 1715.61 nM IC 50 = 835.63 nM ■ IC 50 = 715.90 nM fit curve Drug-A fit_curve_Drug-A — fit curve Drug-A IC 50 = 1594.13 nM● IC 50 = 775.68 nM \bullet IC 50 = 671.17 nM Expreiment_data_Drug-A_GeneOff Expreiment_data_Drug-A_GeneOff Expreiment_data_Drug-A_GeneOff Expreiment data Drug-A Expreiment data Drug-A Expreiment data Drug-A 10^{3} 10^{4} 10^{3} 10^{4} 10^{2} 10^{4} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM

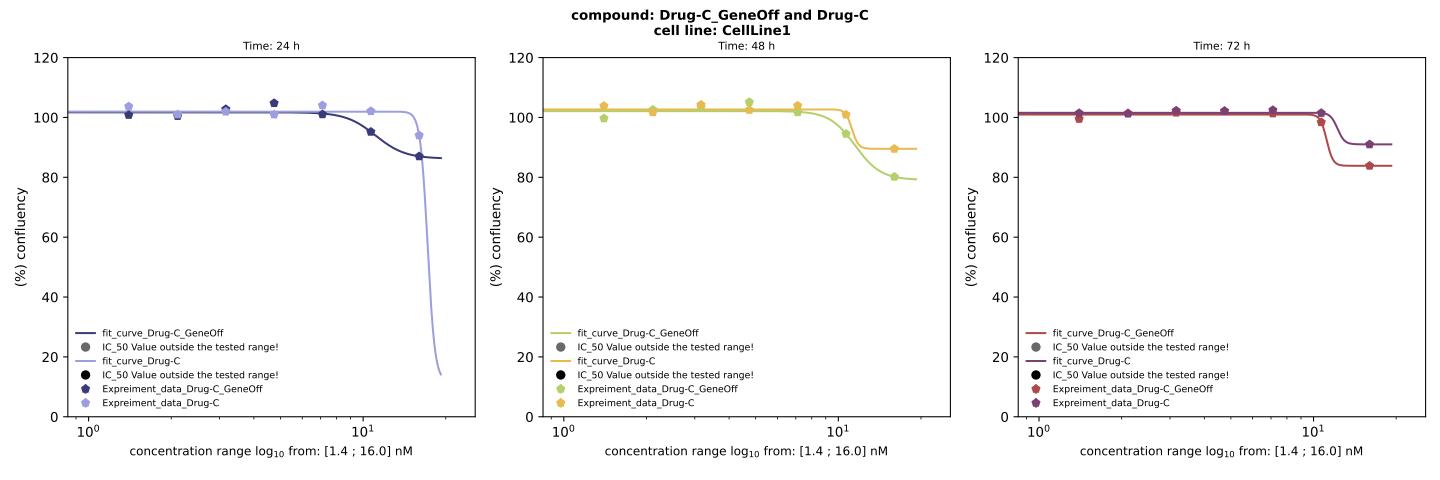








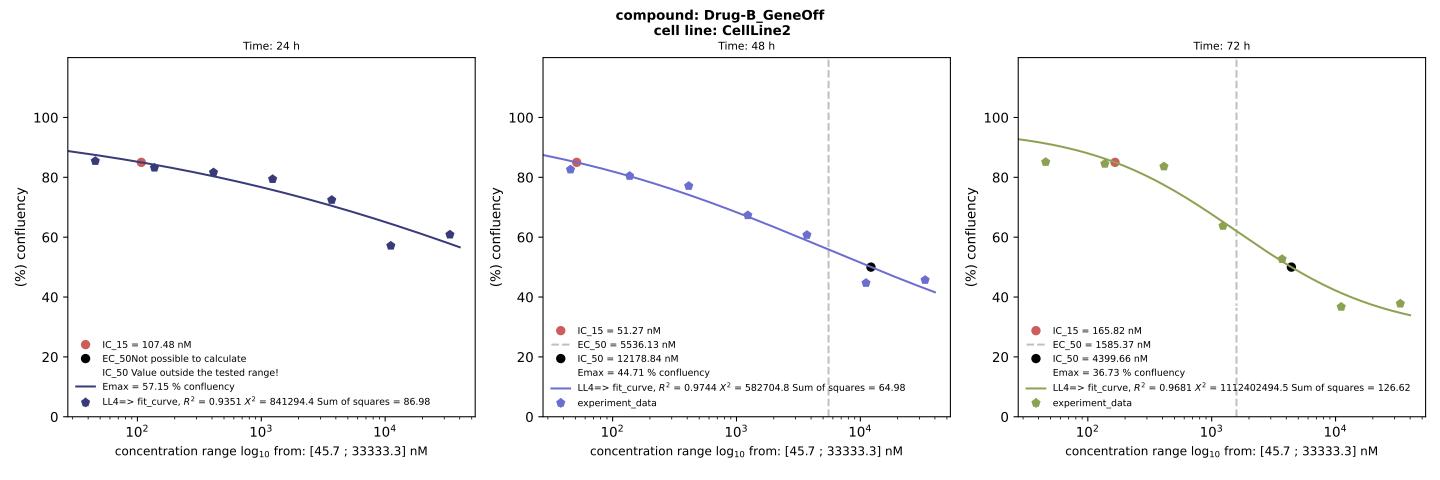


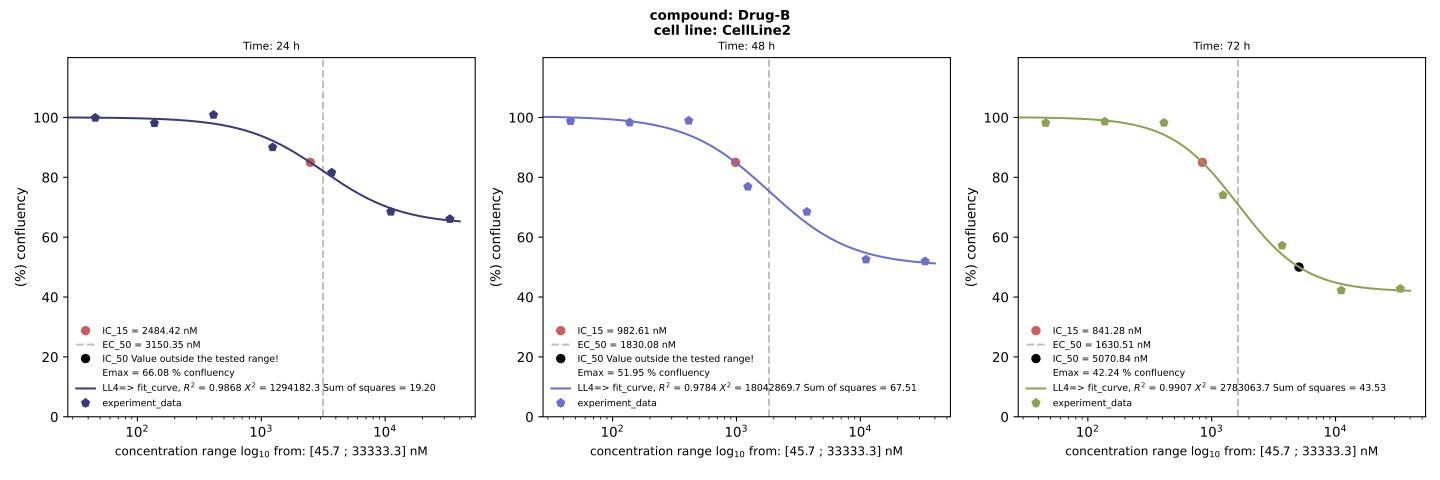


compound: Drug-A_GeneOff cell line: CellLine2 Time: 48 h Time: 24 h Time: 72 h 100 100 100 -80 80 80 confluency confluency 60 60 60 -(%) 40 40 IC 15 = 148.77 nMIC 15 = 128.45 nM IC 15 = 245.41 nM -- EC 50 = 989.88 nM -- EC 50 = 699.66 nM -- EC 50 = 874.37 nM ● IC 50 = 6683.21 nM ● IC 50 = 1459.43 nM ● IC 50 = 1239.83 nM Emax = 44.06 % confluency Emax = 33.79 % confluency Emax = 28.76 % confluency LL4=> fit_curve, $R^2 = 0.9782 X^2 = 35539478.1$ Sum of squares = 68.57 LL4=> fit_curve, $R^2 = 0.9726 X^{\frac{1}{2}} = 9003085.7$ Sum of squares = 163.75 LL4=> fit_curve, $R^2 = 0.9659 X^2 = 16857996.3$ Sum of squares = 167.54 experiment data experiment data experiment data 10^{3} 10^{4} 10^{3} 10^{4} 10^{2} 10^{4} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM

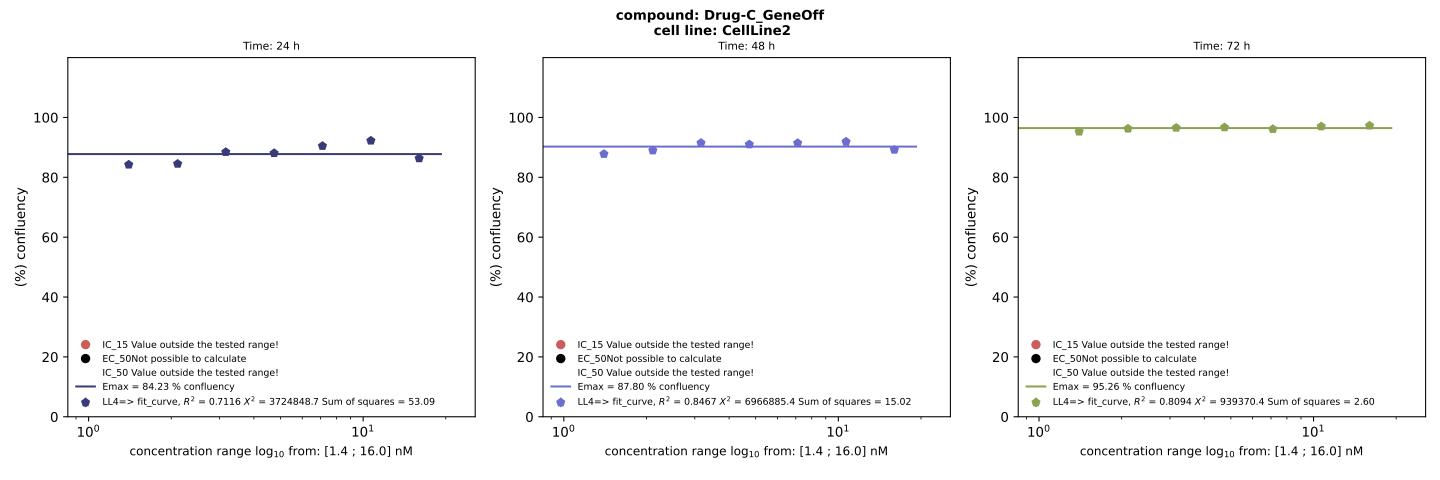
compound: Drug-A cell line: CellLine2 Time: 48 h Time: 24 h Time: 72 h 100 100 100 80 80 80 confluency confluency 60 60 60 -(%) 40 40 40 IC 15 = 720.42 nM IC 15 = 536.05 nM IC 15 = 653.49 nM -- EC 50 = 1326.89 nM -- EC 50 = 1008.33 nM -- EC 50 = 1128.38 nM ● IC 50 = 6821.02 nM ● IC 50 = 1771.84 nM ● IC 50 = 1578.30 nM Emax = 34.86 % confluency Emax = 45.75 % confluency Emax = 29.52 % confluency LL4=> fit_curve, $R^2 = 0.9971 X^2 = 136162.8 \text{ Sum of squares} = 11.72$ LL4=> fit curve, $R^2 = 0.9983 X^2 = 1986188.3$ Sum of squares = 10.51 LL4=> fit_curve, $R^2 = 0.9976 X^2 = 7004477.6$ Sum of squares = 18.02 experiment data experiment data experiment data 10^{3} 10^{4} 10^{3} 10^{4} 10^{4} 10^{2} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM

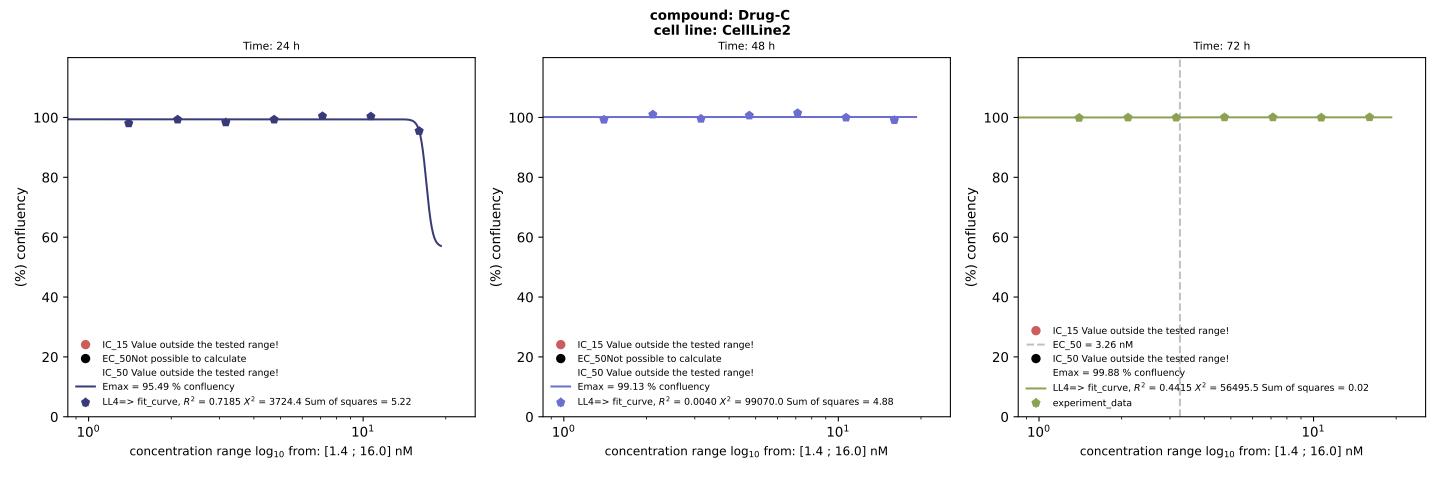
compound: Drug-A_GeneOff and Drug-A cell line: CellLine2 Time: 48 h Time: 24 h Time: 72 h 120 120 120 100 100 100 80 80 80 confluency confluency 60 60 60 (%) 40 40 fit_curve_Drug-A_GeneOff fit_curve_Drug-A_GeneOff fit_curve_Drug-A_GeneOff IC_50 = 6683.21 nM IC 50 = 1459.43 nM IC 50 = 1239.83 nM fit curve Drug-A fit_curve_Drug-A fit_curve_Drug-A IC 50 = 6821.02 nM● IC 50 = 1771.84 nM ● IC 50 = 1578.30 nM Expreiment_data_Drug-A_GeneOff Expreiment_data_Drug-A_GeneOff Expreiment_data_Drug-A_GeneOff Expreiment data Drug-A Expreiment data Drug-A Expreiment data Drug-A 10^{3} 10^{4} 10^{3} 10^{4} 10^{2} 10^{4} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM

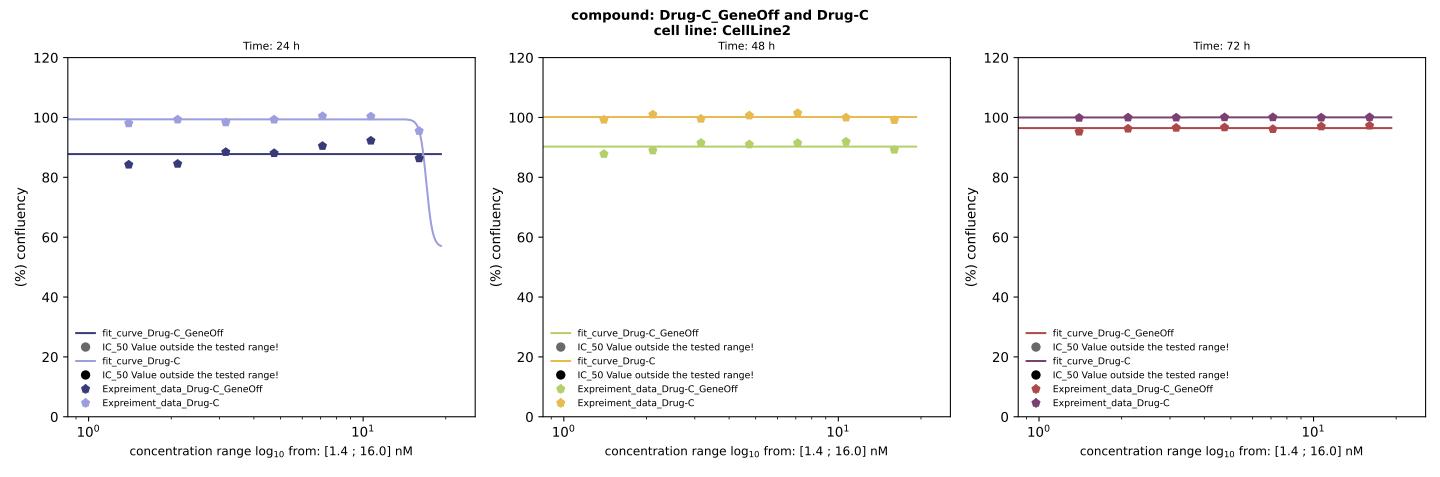




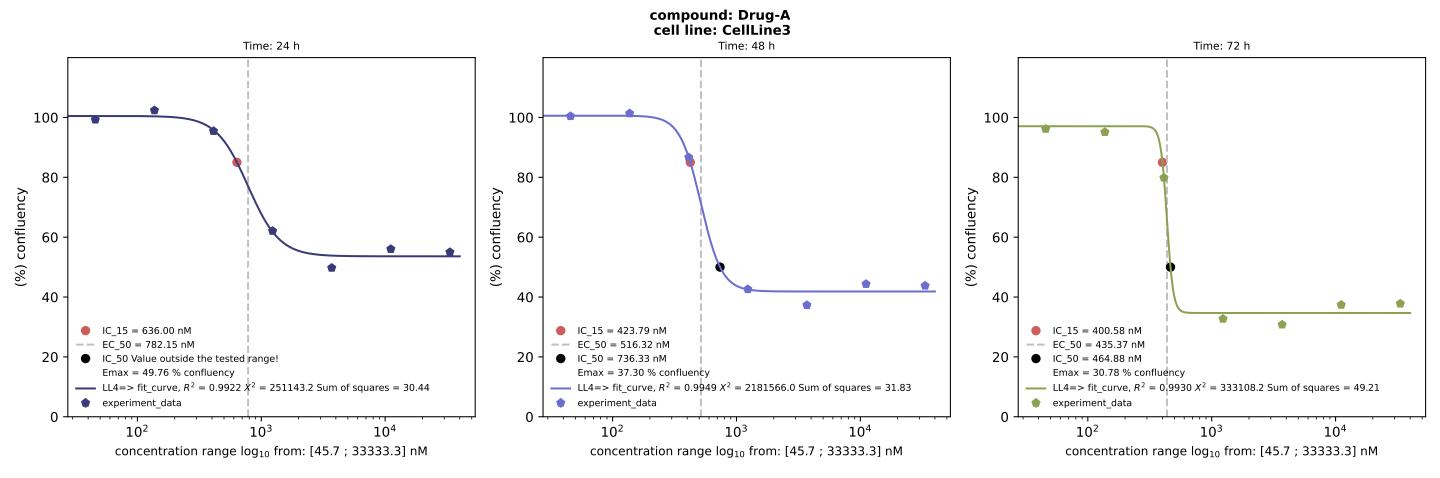
compound: Drug-B_GeneOff and Drug-B cell line: CellLine2 Time: 48 h Time: 24 h Time: 72 h 120 120 120 100 100 100 80 80 80 confluency 60 60 60 (%) (%) 40 40 fit_curve_Drug-B_GeneOff fit_curve_Drug-B_GeneOff fit_curve_Drug-B_GeneOff IC_50 Value outside the tested range! ■ IC 50 = 12178.84 nM IC 50 = 4399.66 nM fit curve Drug-B fit curve Drug-B fit_curve_Drug-B IC_50 Value outside the tested range! IC 50 Value outside the tested range! ● IC 50 = 5070.84 nM Expreiment_data_Drug-B_GeneOff Expreiment_data_Drug-B_GeneOff Expreiment_data_Drug-B_GeneOff Expreiment data Drug-B Expreiment data Drug-B Expreiment data Drug-B 10^{3} 10^{4} 10^{3} 10^{4} 10^{4} 10^{2} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM



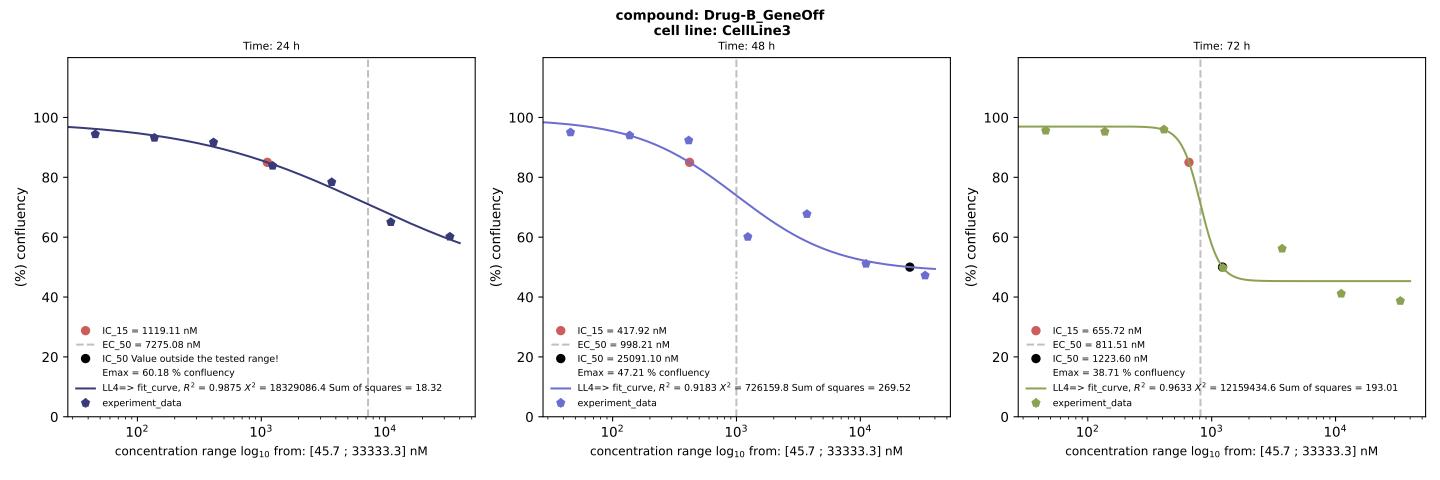


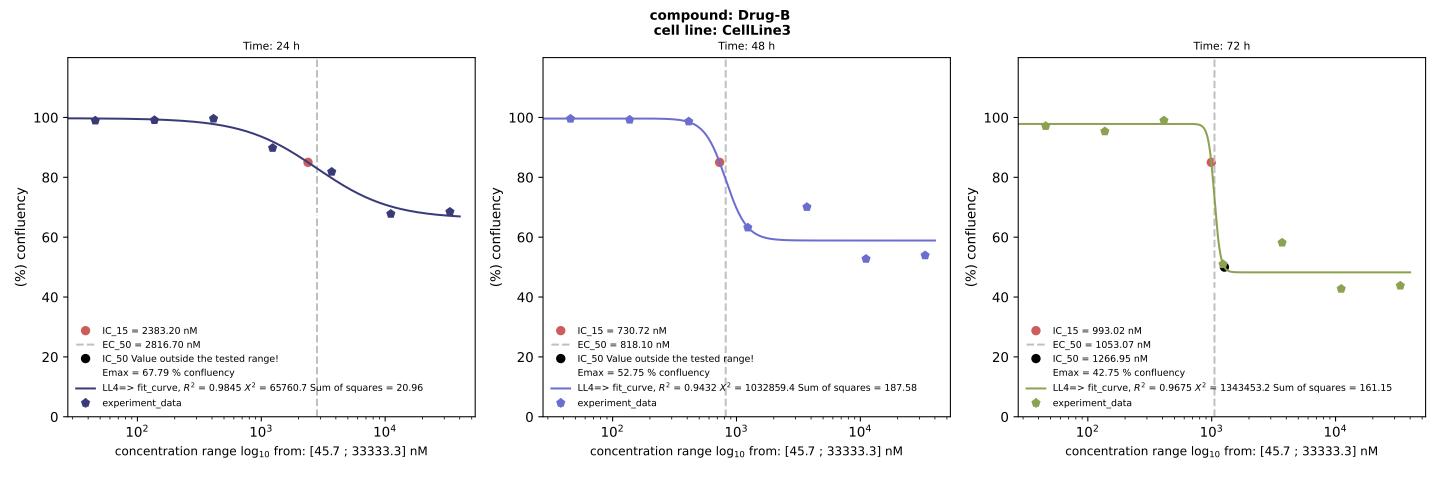


compound: Drug-A_GeneOff cell line: CellLine3 Time: 48 h Time: 24 h Time: 72 h 100 -100 100 -80 80 80 confluency confluency 60 60 60 -(%) (%) 40 40 IC 15 = 471.16 nM IC 15 = 379.25 nM IC 15 = 386.64 nM -- EC 50 = 706.12 nM -- EC 50 = 469.77 nM -- EC 50 = 434.90 nM IC 50 Value outside the tested range! ● IC 50 = 607.20 nM ● IC 50 = 465.74 nM Emax = 52.31 % confluency Emax = 41.18 % confluency Emax = 32.99 % confluency LL4=> fit curve, $R^2 = 0.9786 X^2 = 119572.9 \text{ Sum of squares} = 61.98$ LL4=> fit_curve, $R^2 = 0.9822 X^2 = 627301.3 \text{ Sum of squares} = 82.77$ LL4=> fit_curve, $R^2 = 0.9737 X^2 = 868625.3 \text{ Sum of squares} = 147.68$ experiment data experiment data experiment data 10^{3} 10^{4} 10^{3} 10^{4} 10^{2} 10^{4} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM



compound: Drug-A_GeneOff and Drug-A cell line: CellLine3 Time: 48 h Time: 24 h Time: 72 h 120 120 120 100 100 100 80 80 80 confluency confluency 60 60 60 (%) (%) 40 40 fit_curve_Drug-A_GeneOff fit_curve_Drug-A_GeneOff fit_curve_Drug-A_GeneOff IC_50 Value outside the tested range! IC 50 = 607.20 nM IC 50 = 465.74 nM fit curve Drug-A fit_curve_Drug-A fit curve Drug-A IC_50 Value outside the tested range! ● IC 50 = 464.88 nM ● IC 50 = 736.33 nM Expreiment_data_Drug-A_GeneOff Expreiment_data_Drug-A_GeneOff Expreiment_data_Drug-A_GeneOff Expreiment data Drug-A Expreiment data Drug-A Expreiment data Drug-A 10^{3} 10^{4} 10^{3} 10^{4} 10^{4} 10^{2} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM





compound: Drug-B_GeneOff and Drug-B cell line: CellLine3 Time: 48 h Time: 24 h Time: 72 h 120 120 120 100 100 100 80 80 80 confluency confluency 60 60 60 (%) (%) 40 40 40 fit_curve_Drug-B_GeneOff fit_curve_Drug-B_GeneOff fit_curve_Drug-B_GeneOff IC_50 Value outside the tested range! ■ IC 50 = 25091.10 nM ■ IC 50 = 1223.60 nM fit curve Drug-B fit curve Drug-B — fit curve Drug-B IC_50 Value outside the tested range! ■ IC 50 Value outside the tested range! ● IC 50 = 1266.95 nM Expreiment_data_Drug-B_GeneOff Expreiment_data_Drug-B_GeneOff Expreiment_data_Drug-B_GeneOff Expreiment data Drug-B Expreiment data Drug-B Expreiment data Drug-B 10^{3} 10^{4} 10^{3} 10^{4} 10^{4} 10^{2} 10^{2} 10^{3} 10^{2} concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM concentration range log₁₀ from: [45.7; 33333.3] nM

