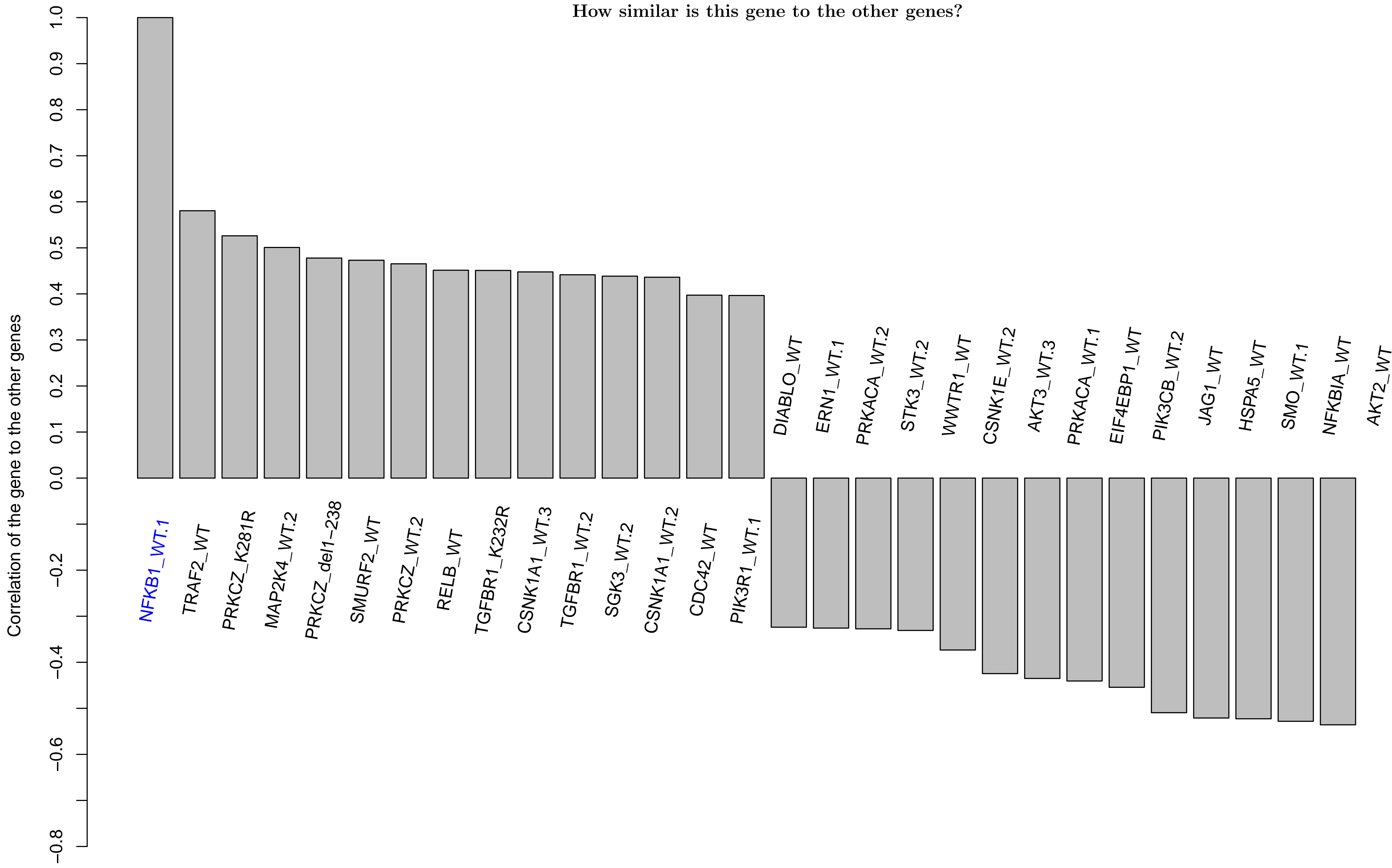
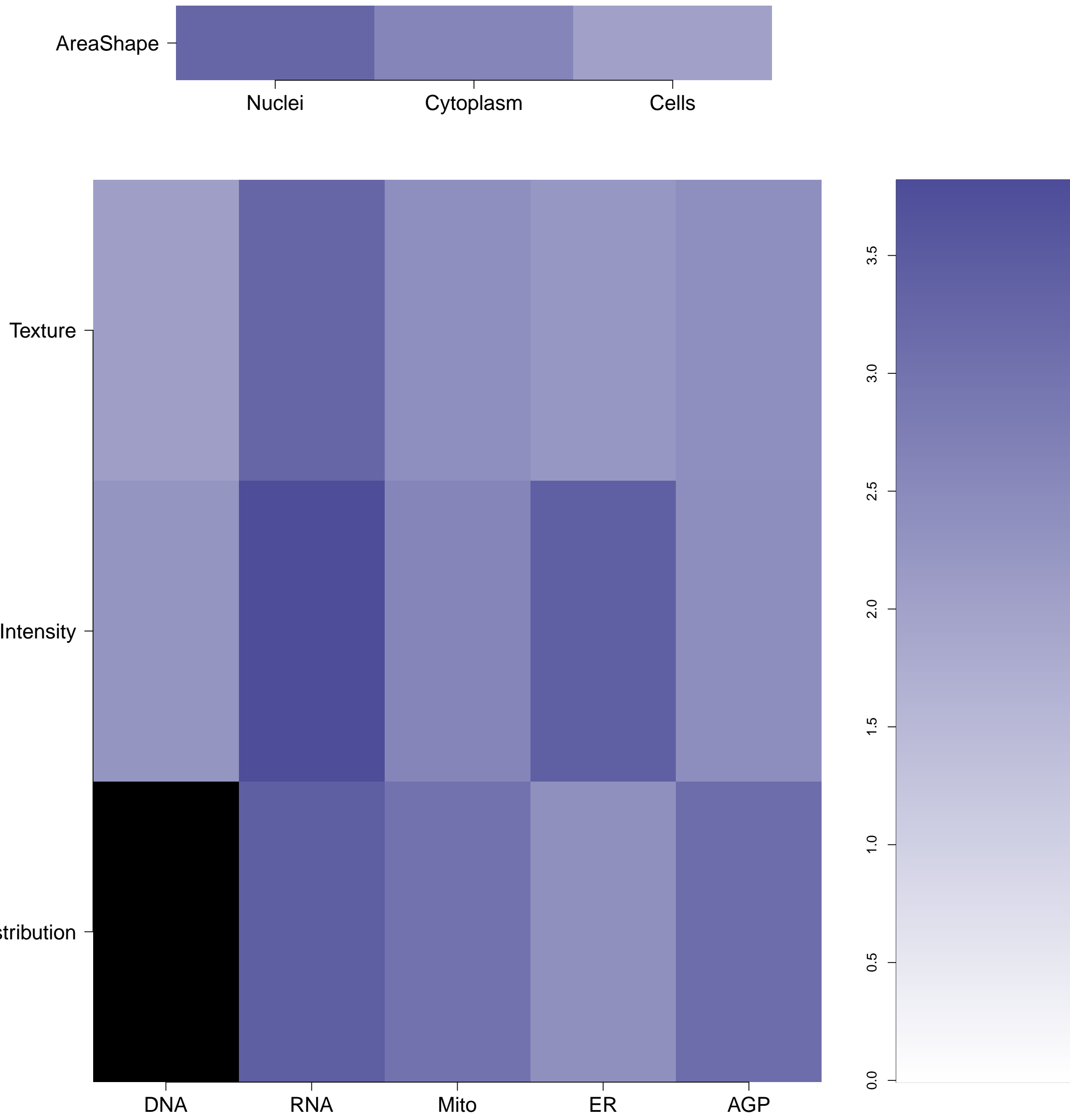


NFKB1.WT.1 - in Canonical NFkB

How similar is this gene to the other genes?



What groups of morphological features are distinguishing in the cluster relative to the untreated samples?  
(maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the category



Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.



Empty

NFKB1.WT.1 (41744)

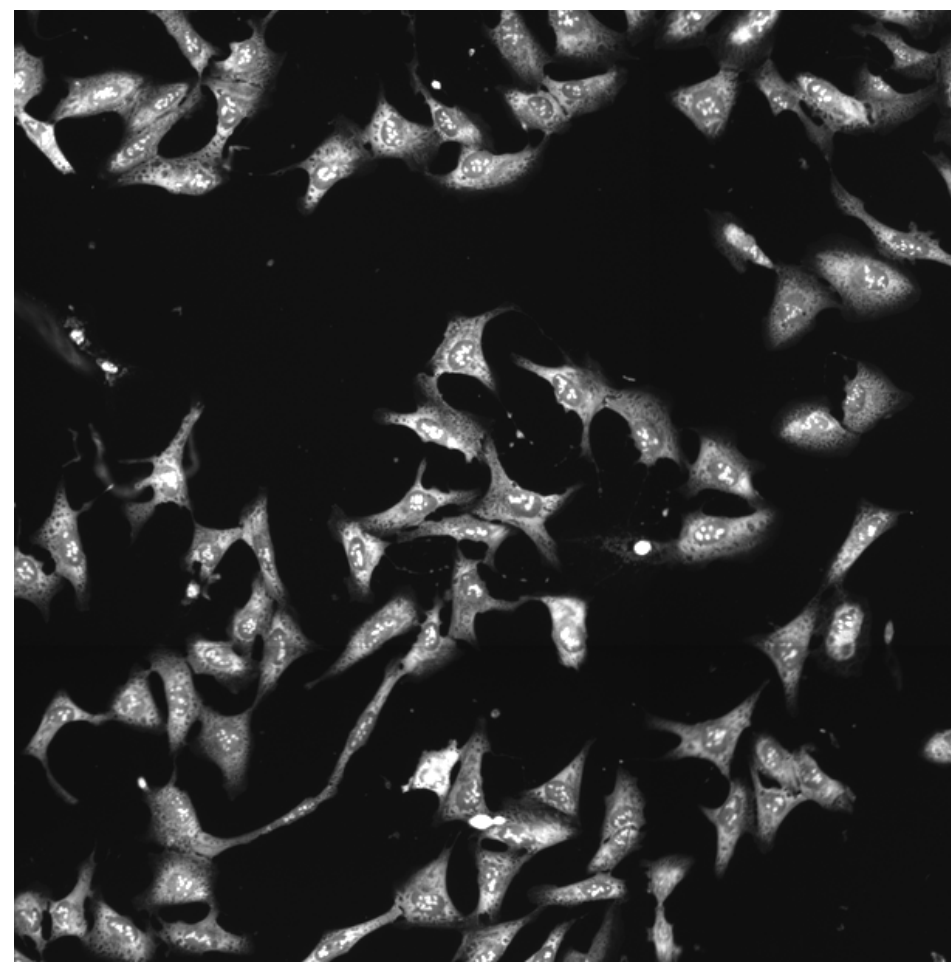
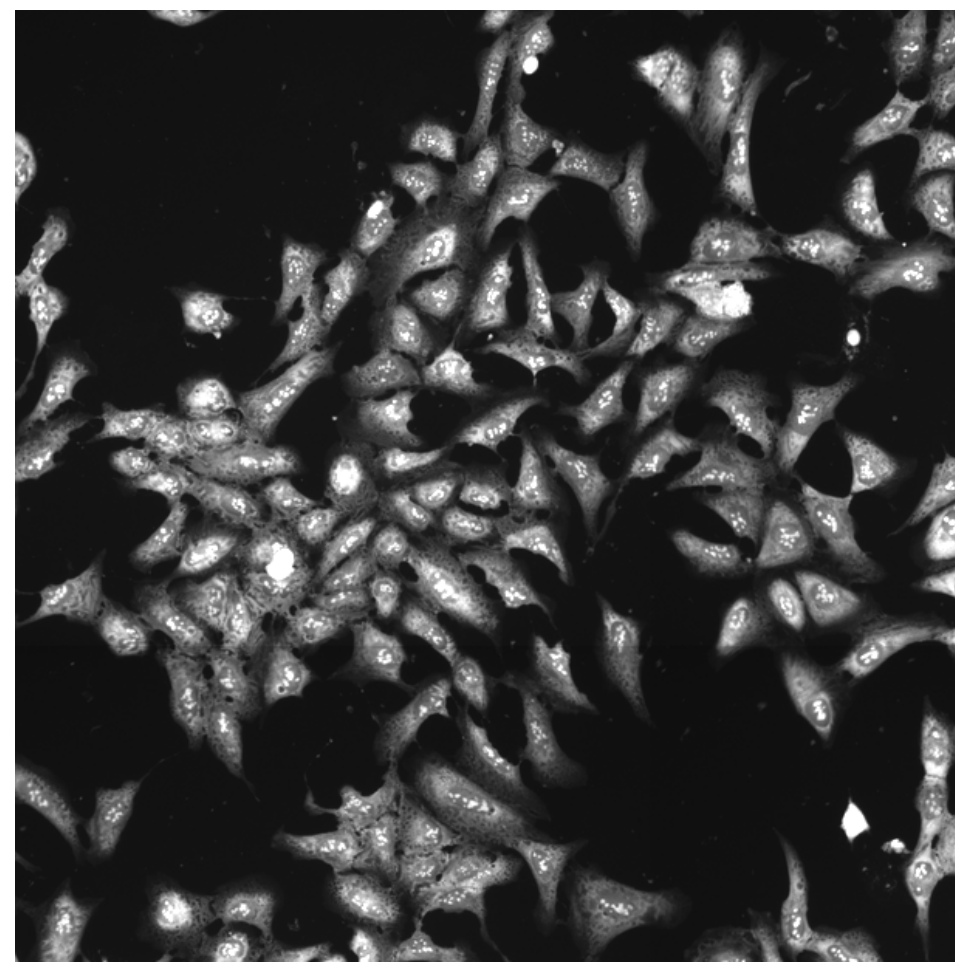
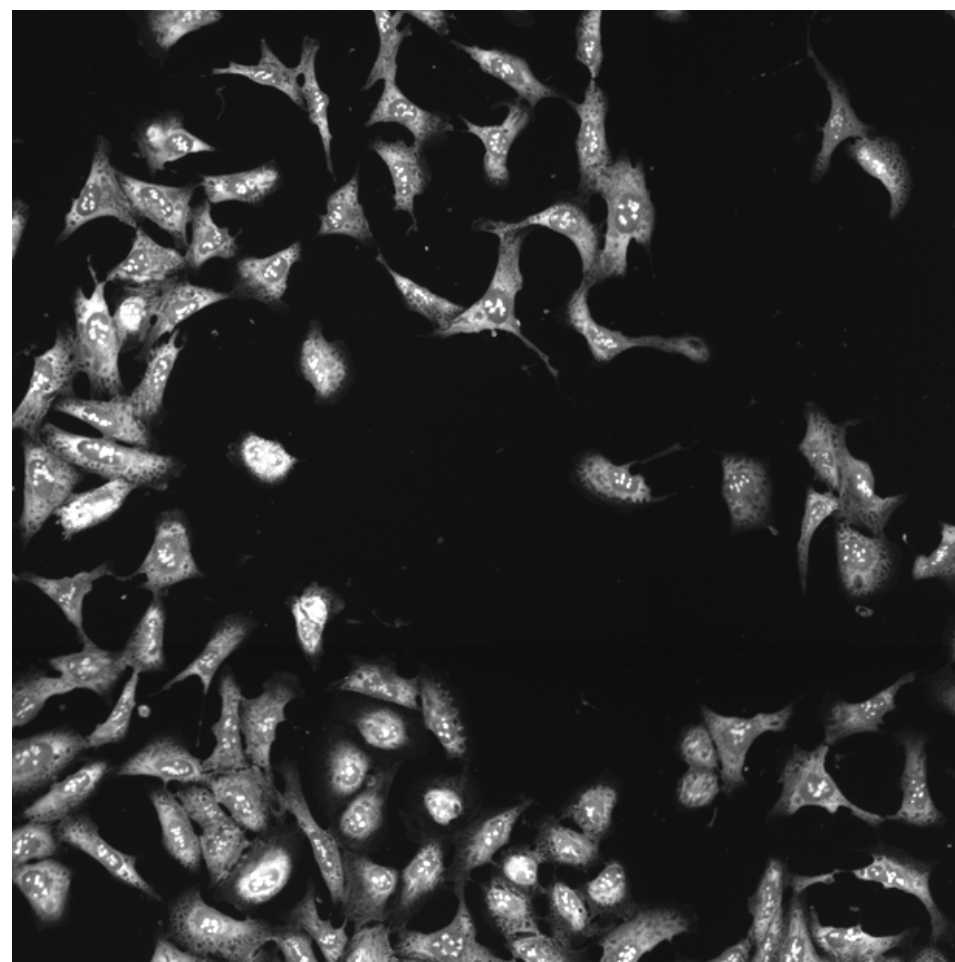
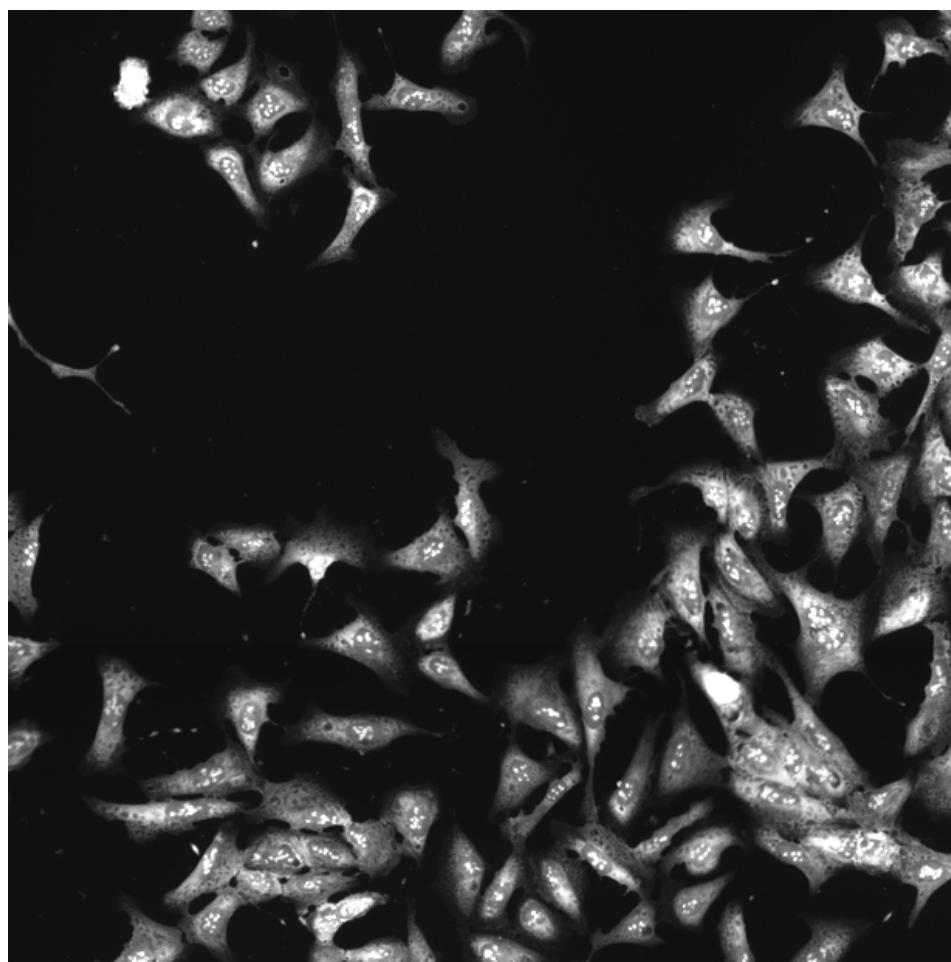
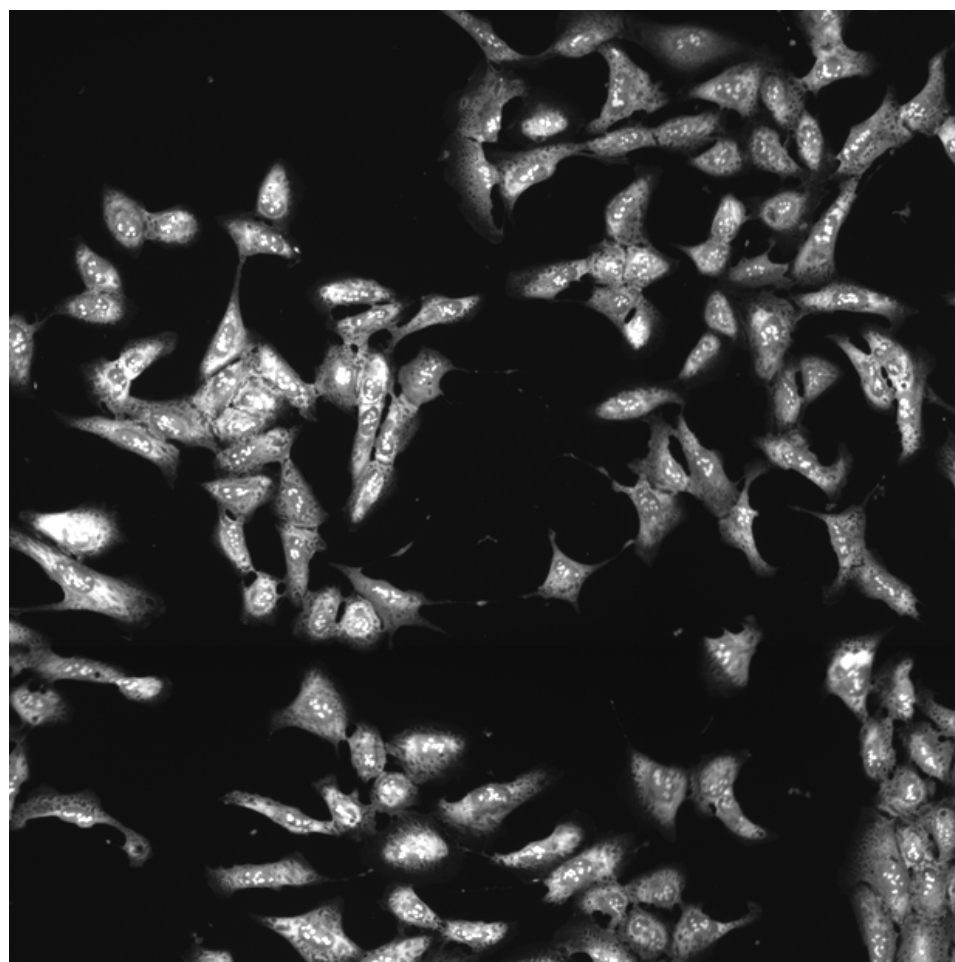
NFKB1.WT.1 (41755)

NFKB1.WT.1 (41756)

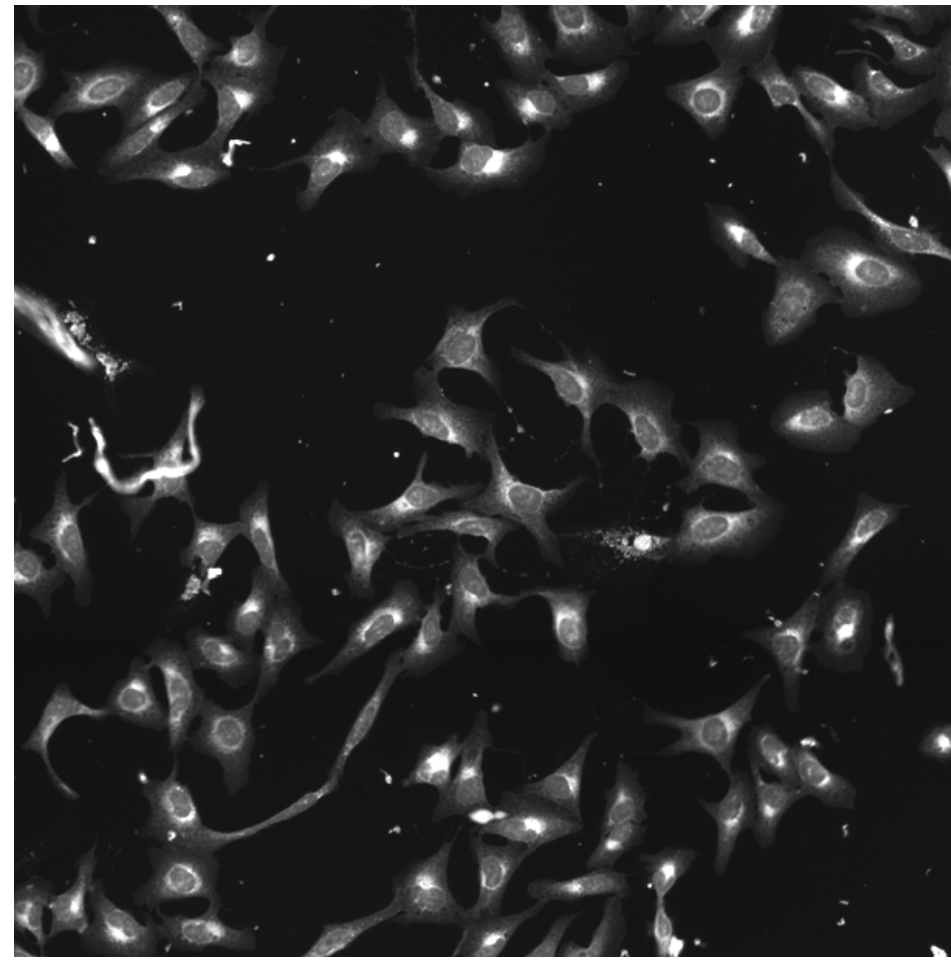
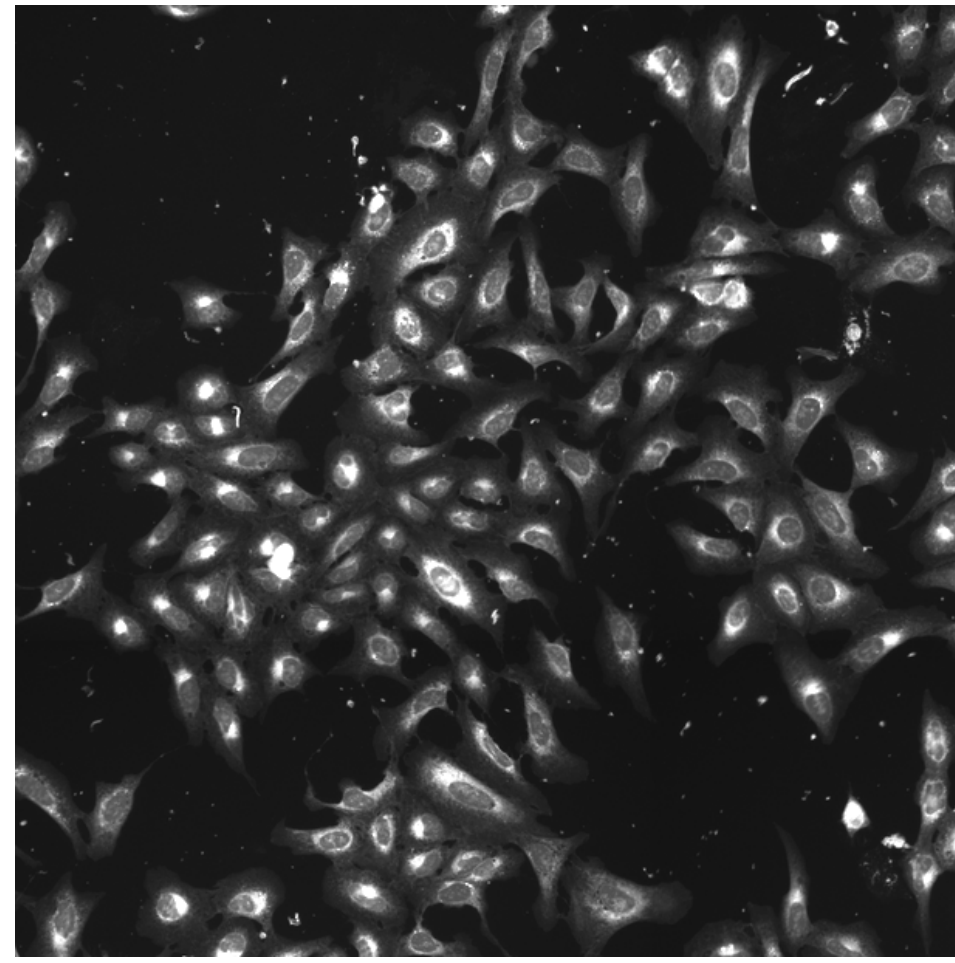
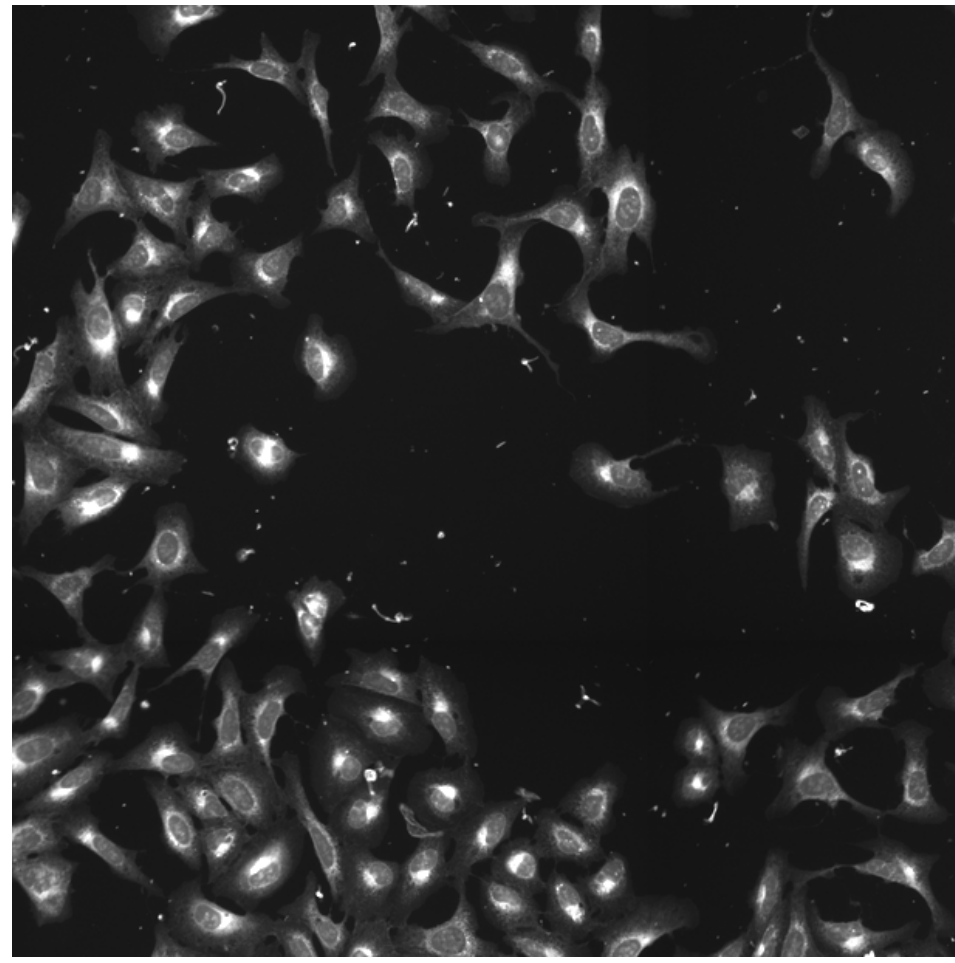
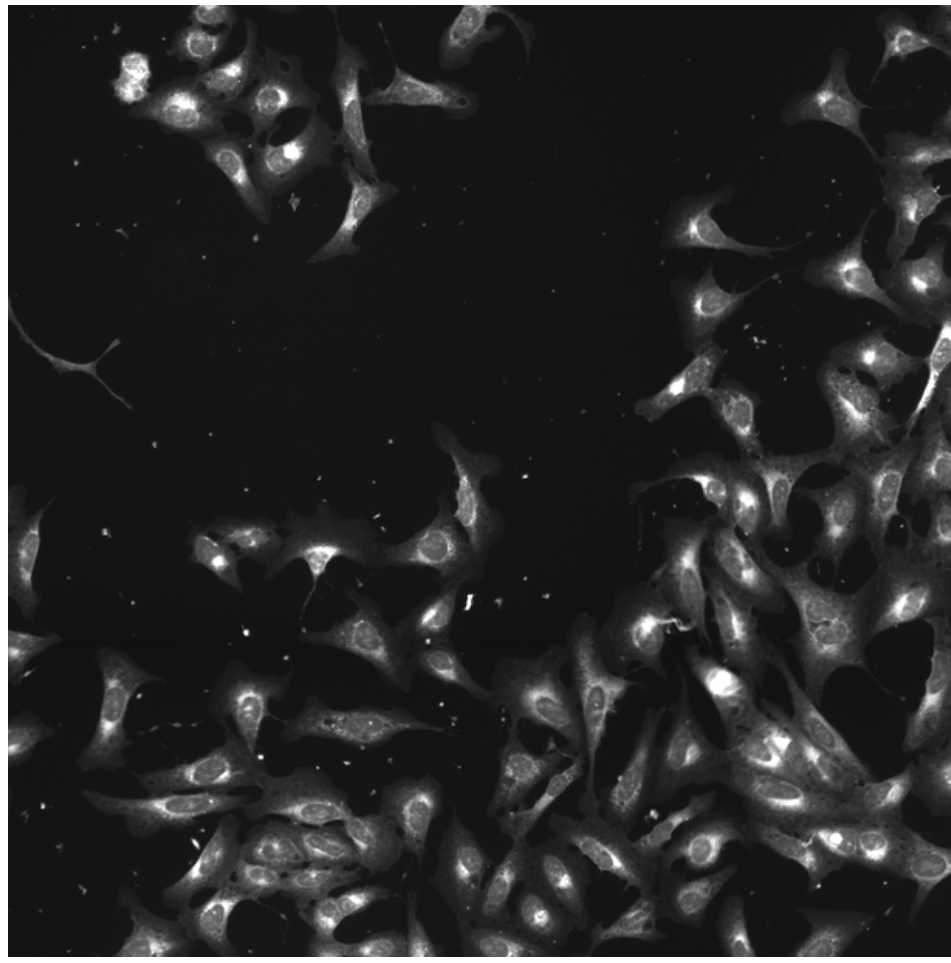
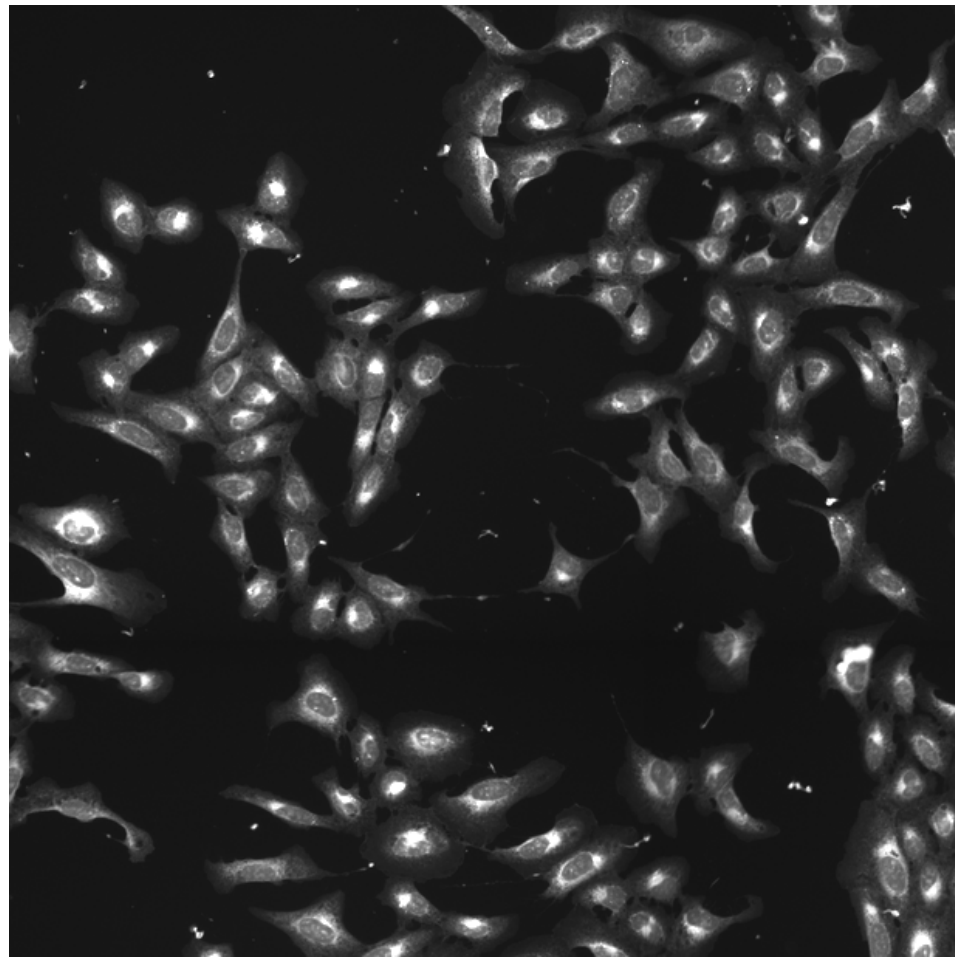
NFKB1.WT.1 (41757)

NFKB1.WT.1 (41754)

RNA



ER



Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.51)	Correlation between compound the gene	Compound rank when scored against the gene using L1000 profiling	How similar is the compound signature to the genes in this experiment? (Yellow and red lines correspond to top/bottom 1st and 5th percentile DMSO correlation to all the genes)	Common distinguishing feature categories in the compound and the gene relative to the untreated samples	Distinguishing individual features for the compound relative to untreated samples. Black means a mismatch; i.e. active (= high z-score in magnitude) in the compound, and either inactive (= small z-score in magnitude) or oppositely active in the gene	Number of PubChem assays in which the compound was tested; assays in which the compound was active are itemized
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BRD-K87875370-001-01-6 PubChem CID : 54619109		0.60 (in 4 replicates)	0.56	0.846				Total number of assays tested in: 38.
BRD-K53219679-001-01-5 PubChem CID : 54620088		0.69 (in 4 replicates)	0.56	NA				Total number of assays tested in: 31.
BRD-K79788021-001-01-4 PubChem CID : 44620098		0.66 (in 4 replicates)	0.56	NA				Total number of assays tested in: 37.
BRD-A16760970-003-05-9 MLS001173582 SMR000538749 PubChem CID : 24747627		NA (in 1 replicates)	-0.64	NA				Total number of assays tested in: 493. Active in the following assays: <ul style="list-style-type: none"> <li>• Aqueous Solubility from MLSMR Stock Solutions (AID 1996)</li> <li>• Primary qHTS for delayed death inhibitors of the malarial parasite plasid, 48 hour incubation (AID 504832)</li> <li>• Primary qHTS for delayed death inhibitors of the malarial parasite plasid, 96 hour incubation (AID 504834)</li> <li>• High-throughput multiplex microsphere screening for inhibitors of toxin protease, specifically Lethal Factor Protease, MLPN compound set (AID 588501)</li> <li>• Luminescent Gluc Reporter Gene Assay Primary HTS to Identify Small Molecule Activator of Glucose Dependent Insulin Secretion Measured in Cell-Based System Using Plate Reader - 7055-01 Activator-SinglePoint-ITS-Activity (AID 743287)</li> </ul>
BRD-K37255594-001-01-2 PubChem CID : 54645900		0.87 (in 2 replicates)	-0.63	0.017				Total number of assays tested in: 42.
BRD-K44341698-001-01-6 PubChem CID : 54646038		0.82 (in 2 replicates)	-0.63	0.839				Total number of assays tested in: 47. Active in the following assays: <ul style="list-style-type: none"> <li>• Plasmodium falciparum Dd2 Sybr green parasite growth Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2153-05 Inhibitor Dose-CherryPick Activity (AID 1159567)</li> </ul>
BRD-K01326303-001-01-5 PubChem CID : 54646023		0.78 (in 2 replicates)	-0.62	0.276				Total number of assays tested in: 38.



BRD-K50174388-001-01-7 PubChem CID : 54646010		NA (in 1 replicates)	-0.60	0.875				Total number of assays tested in: 43.
BRD-K25050358-001-02-5 MLS003129663 SMR001834109 PubChem CID : 44492573		0.74 (in 3 replicates)	-0.59	0.049				Total number of assays tested in: 86.
BRD-K06997715-001-01-0 PubChem CID : 44506396		0.58 (in 3 replicates)	-0.58	0.344				Total number of assays tested in: 41. Active in the following assays: <ul style="list-style-type: none"> <li>Luminescence Cell-Based Primary HTS to Measure Viability of BJcLR cells (AID 2275)</li> <li>Luminescence Cell-Based Primary HTS to Identify Inhibitors of STK33 (AID 2330)</li> <li>Detect Cellular ATP-levels in INS-1E Cells Measured in Cell-Based System Using Plate Reader - 2061-01.Inhibitor.SinglePoint.HTS.Activity (AID 488010)</li> <li>Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01.Inhibitor.SinglePoint.HTS.Activity (AID 602342)</li> <li>Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01.Inhibitor.SinglePoint.HTS.Activity (AID 624255)</li> <li>Luminescence Cell-Based Primary HTS to identify inhibitors of the oncoprotein EWS/FLI transcriptional activity Measured in Cell-Based System Using Plate Reader - 7014-01.Inhibitor.SinglePoint.HTS.Activity (AID 651661)</li> <li>NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based System Using Plate Reader - 2138-02.Inhibitor.SinglePoint.CherryPick.Activity (AID 651742)</li> <li>NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based System Using Plate Reader - 2138-02.Inhibitor.SinglePoint.CherryPick.Activity (AID 651744)</li> <li>Intracellular Trypanosomes Measured in Cell-Based/Microorganism System Using Plate Reader - 2017-01.Inhibitor.Dose.CherryPick.Activity.Set3 (AID 651818)</li> <li>Intracellular Trypanosomes Measured in Cell-Based/Microorganism System Using Plate Reader - 2017-01.Inhibitor.SinglePoint.HTS.Activity.Set2 (AID 651903)</li> <li>Identification of Small Molecule Correctors of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Delta508 Mutation Function in Human Bronchial Epithelial Cells Measured in Cell-Based System Using Plate Reader - 7017-01.Other.SinglePoint.HTS.Activity (AID 720511)</li> </ul>
BRD-K45124535-001-01-2 PubChem CID : 54646263		0.70 (in 4 replicates)	-0.58	0.667				Total number of assays tested in: 38.
BRD-K52012504-001-01-6 PubChem CID : 54646337		0.87 (in 4 replicates)	-0.58	0.883				Total number of assays tested in: 39.
BRD-K87304811-001-01-4 PubChem CID : 54646056		0.69 (in 4 replicates)	-0.58	0.344				Total number of assays tested in: 41.