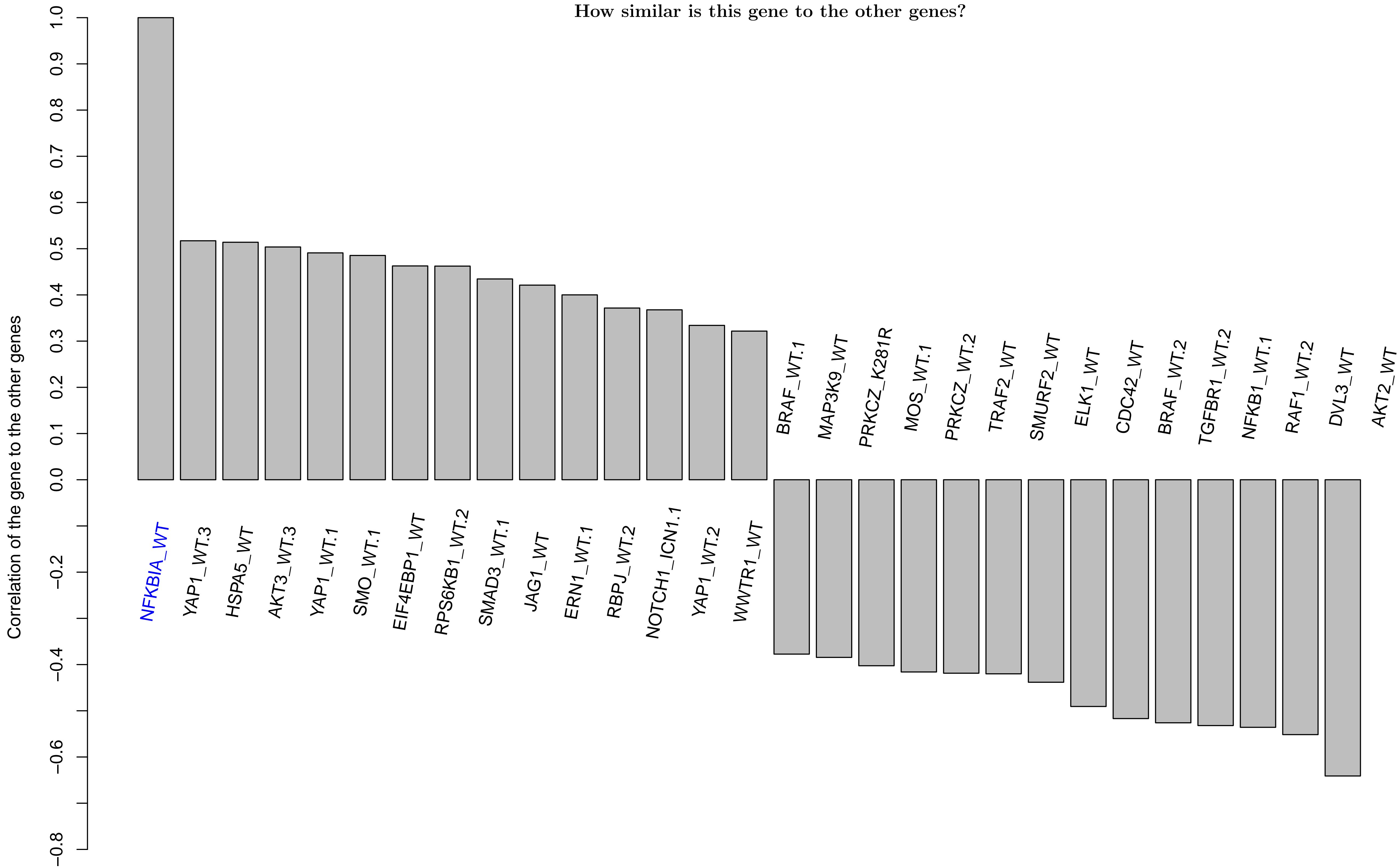
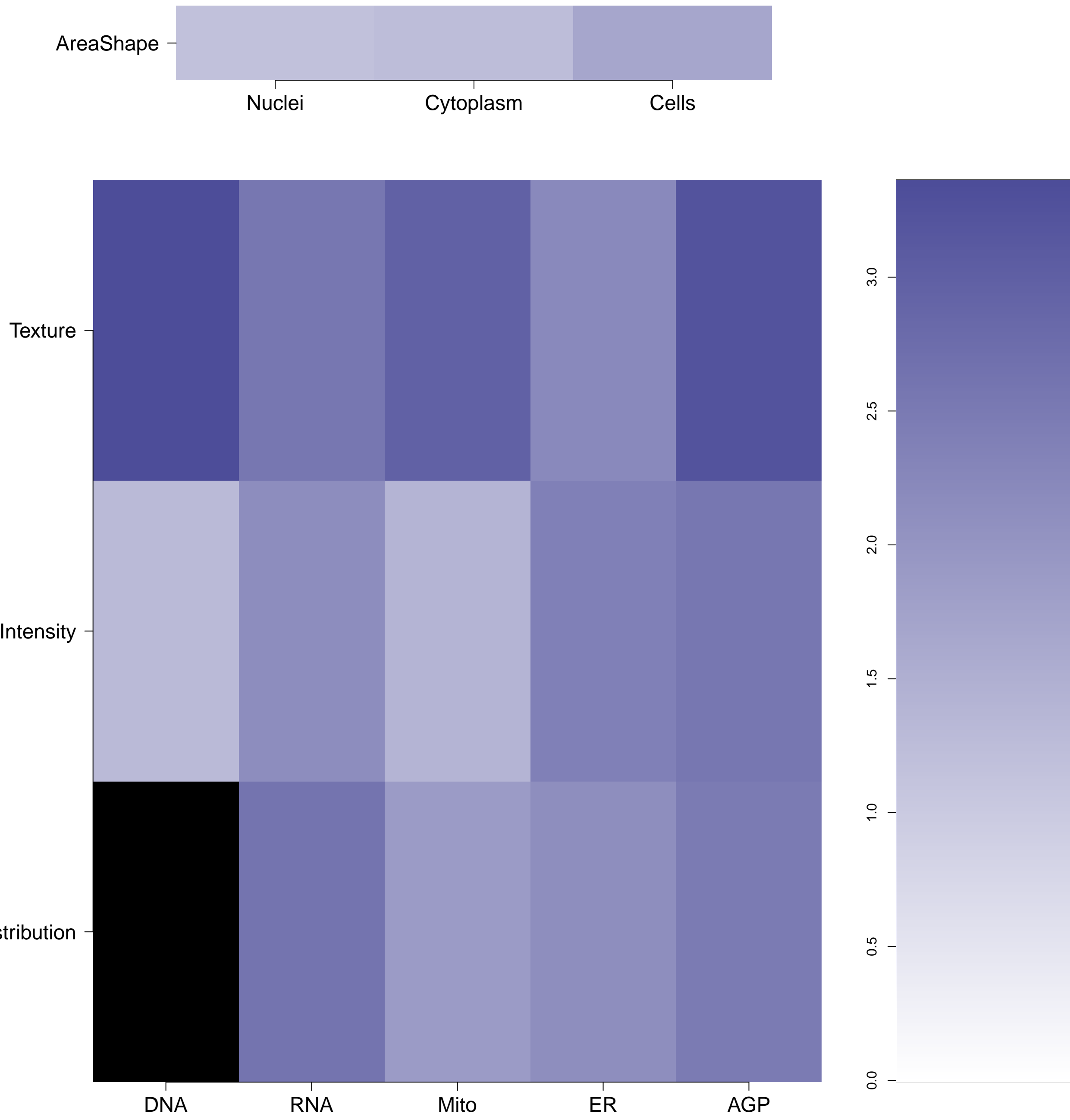


NFKBIA.WT - in Canonical NFkB

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

NFKBIA.WT (41744)

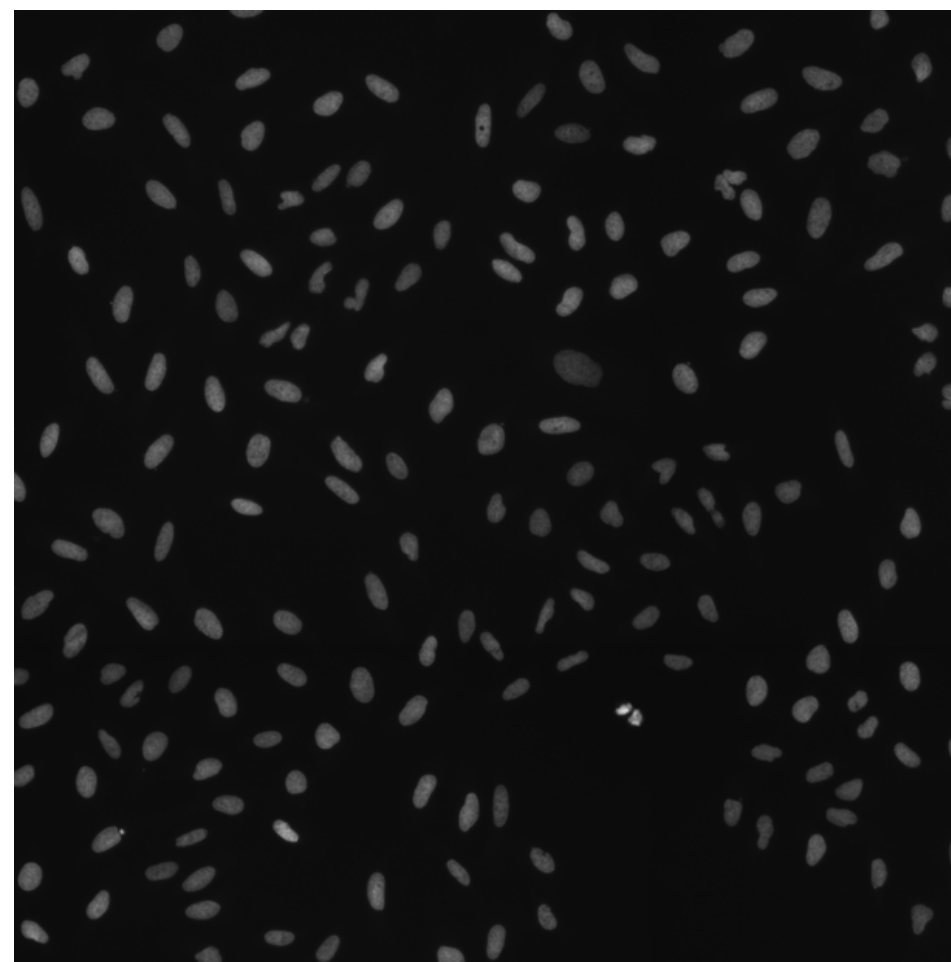
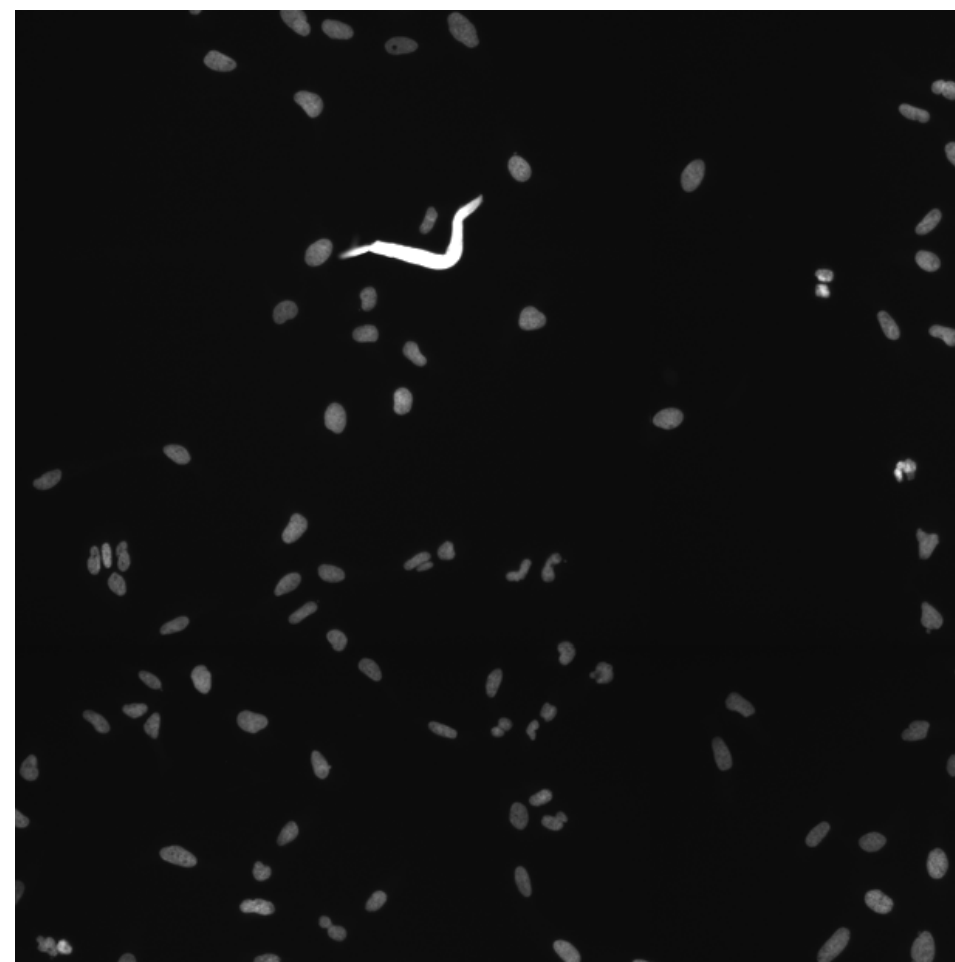
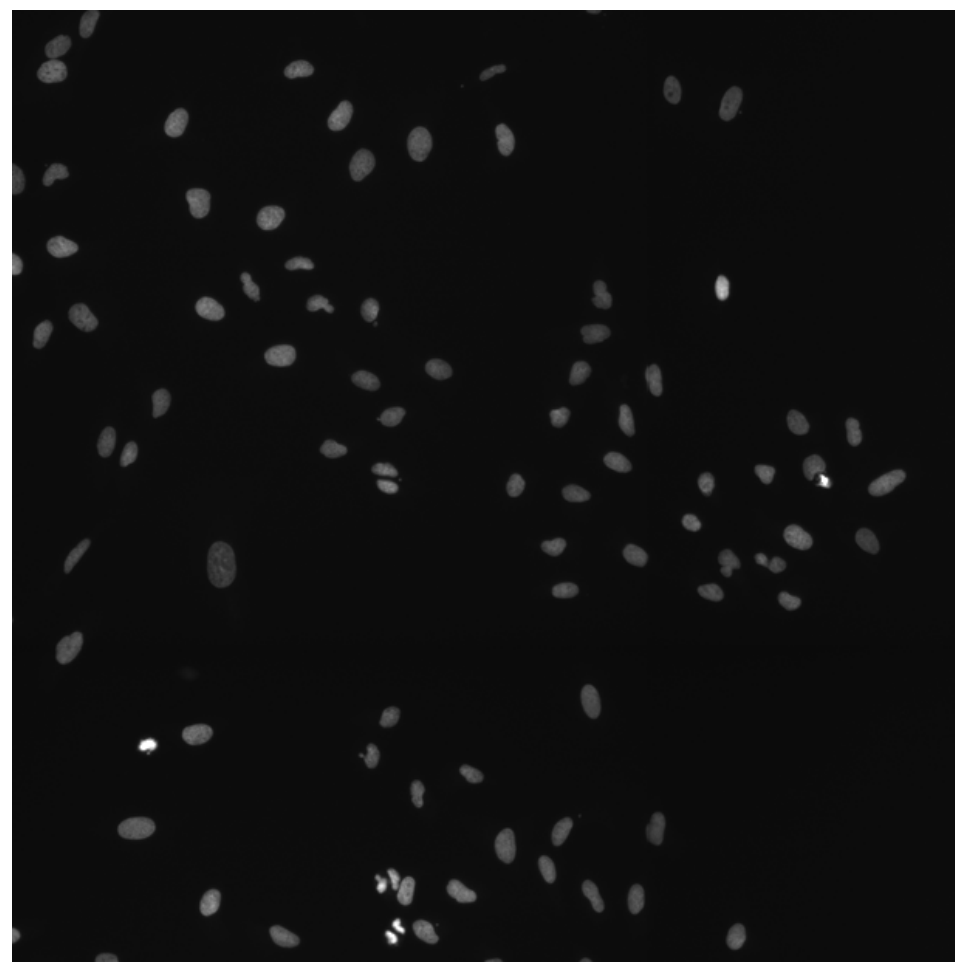
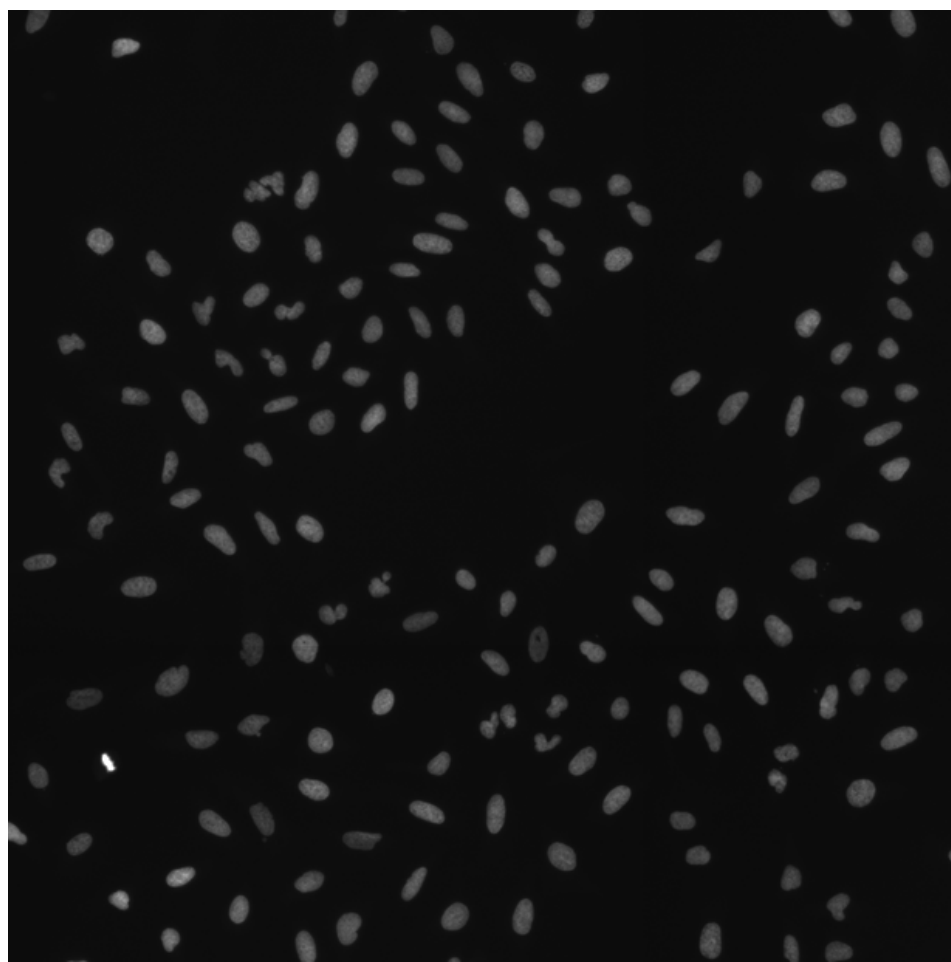
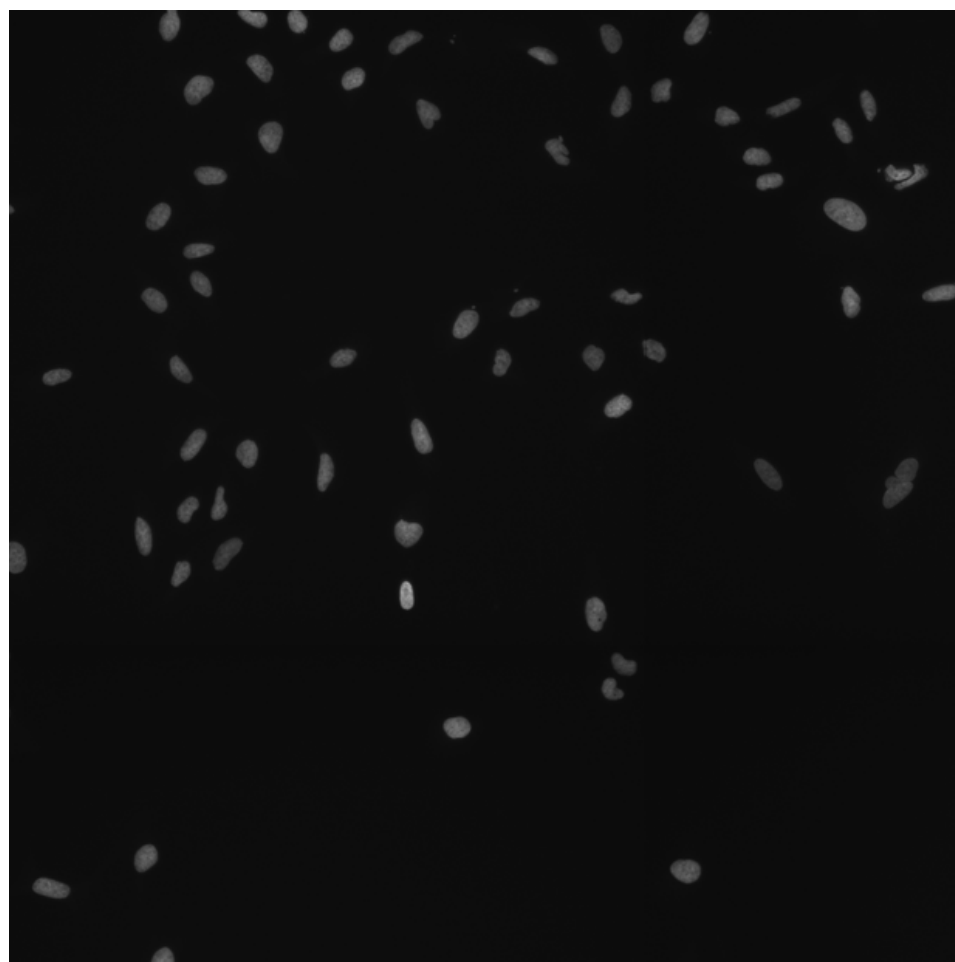
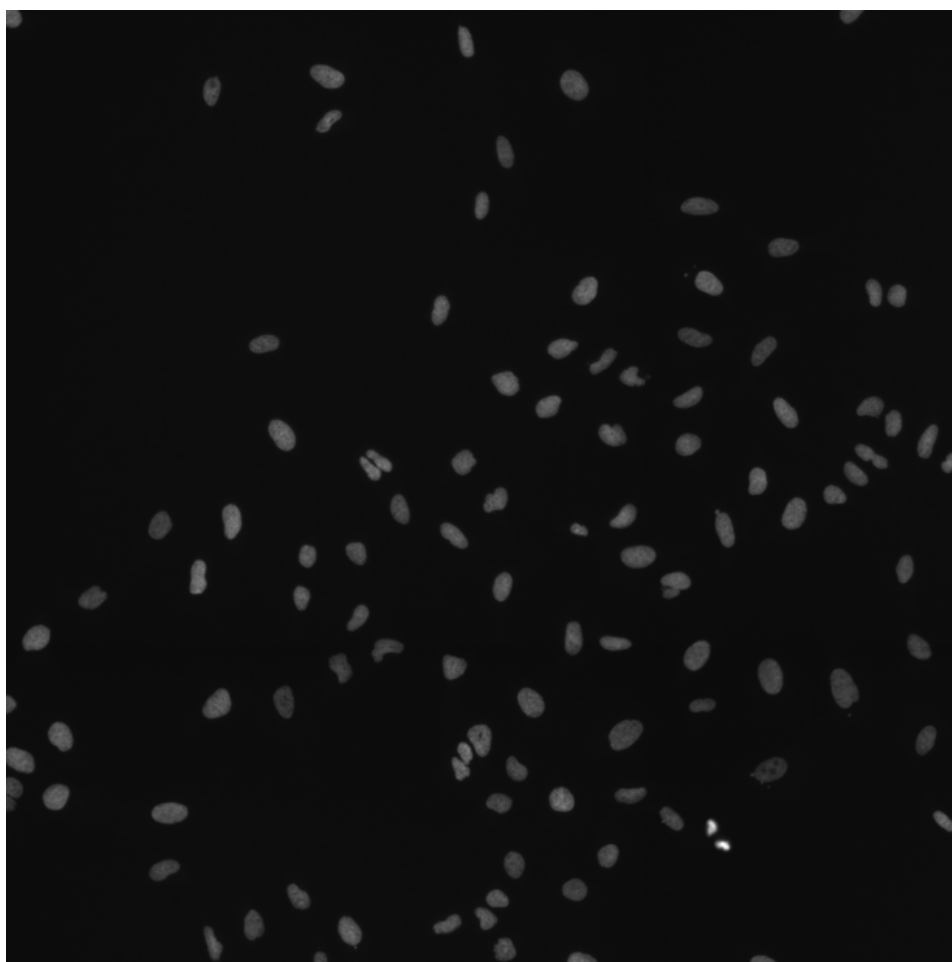
NFKBIA.WT (41755)

NFKBIA.WT (41756)

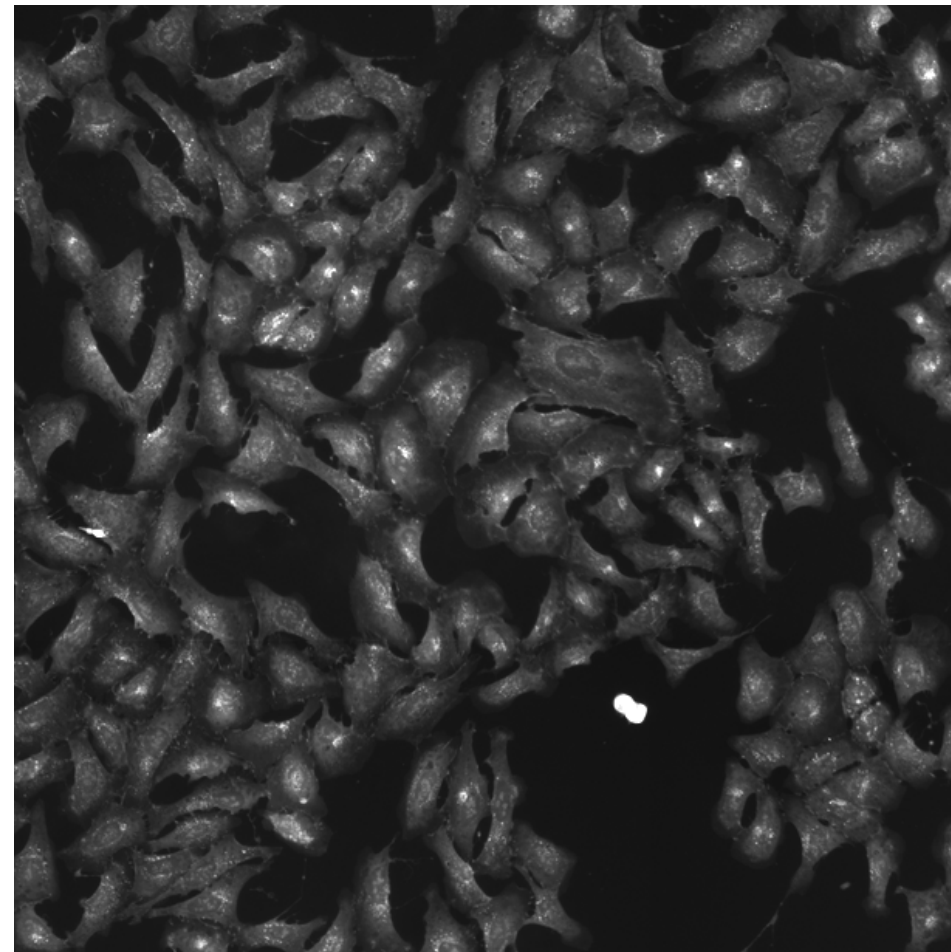
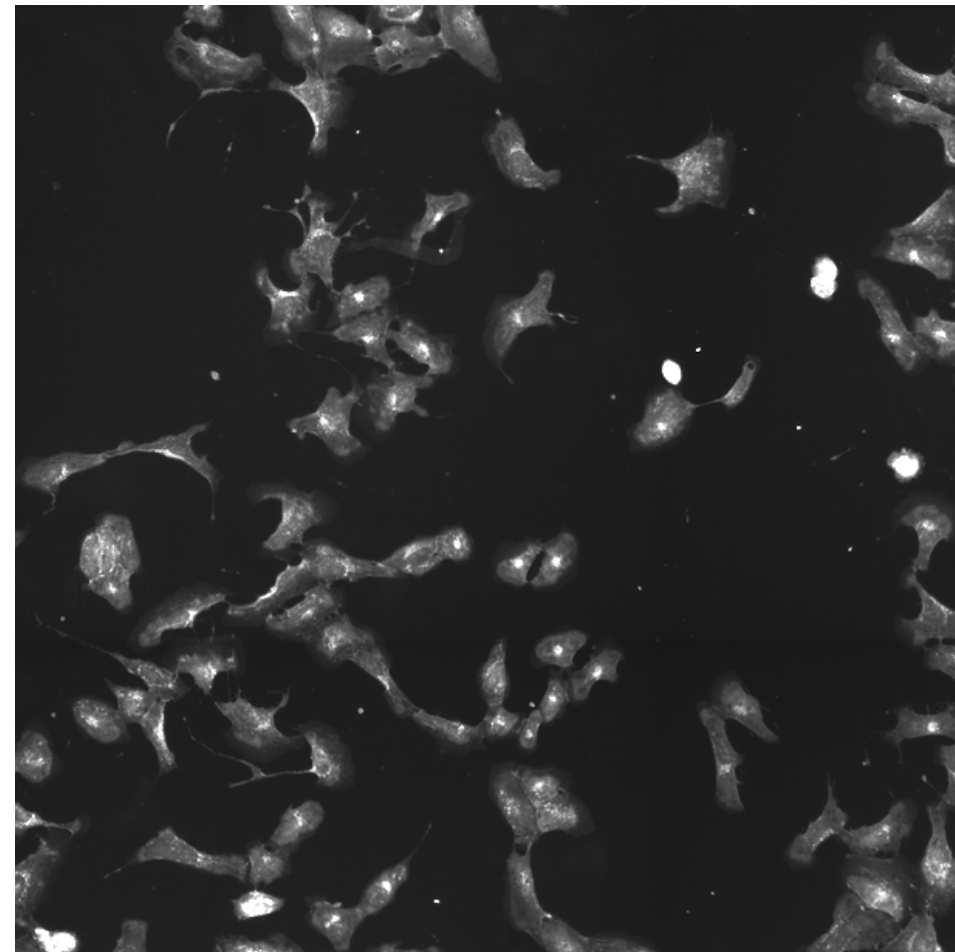
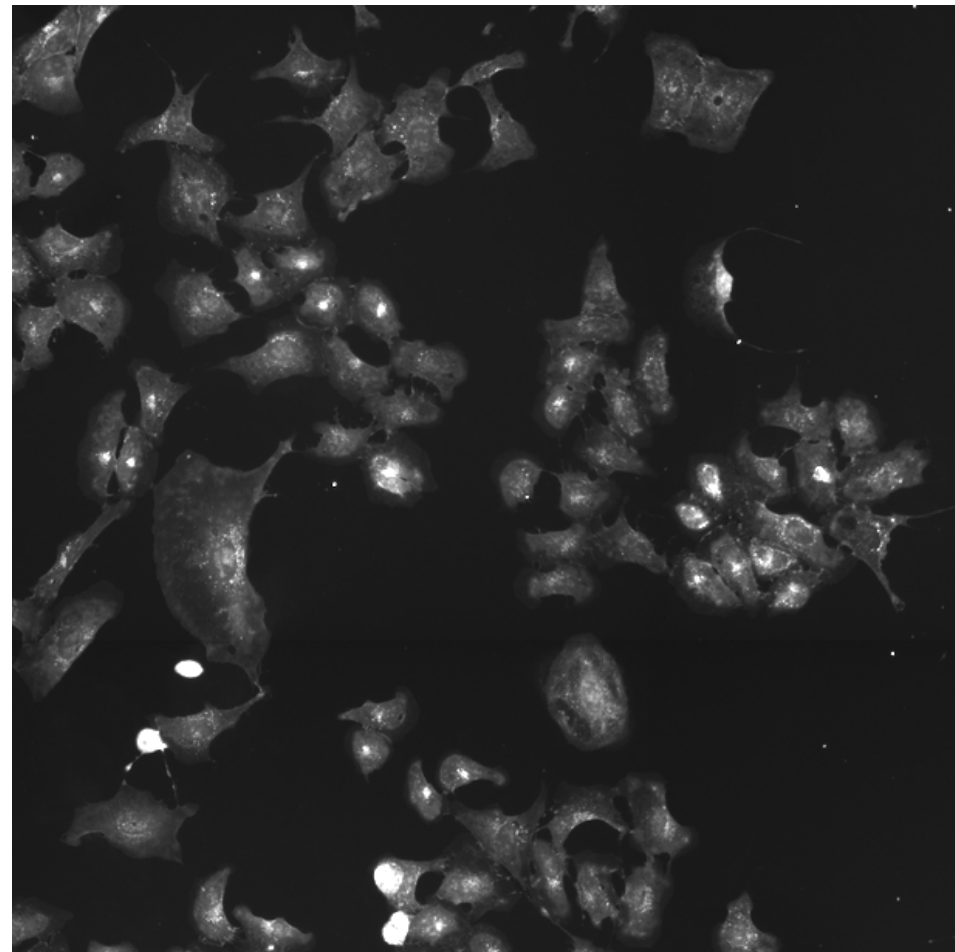
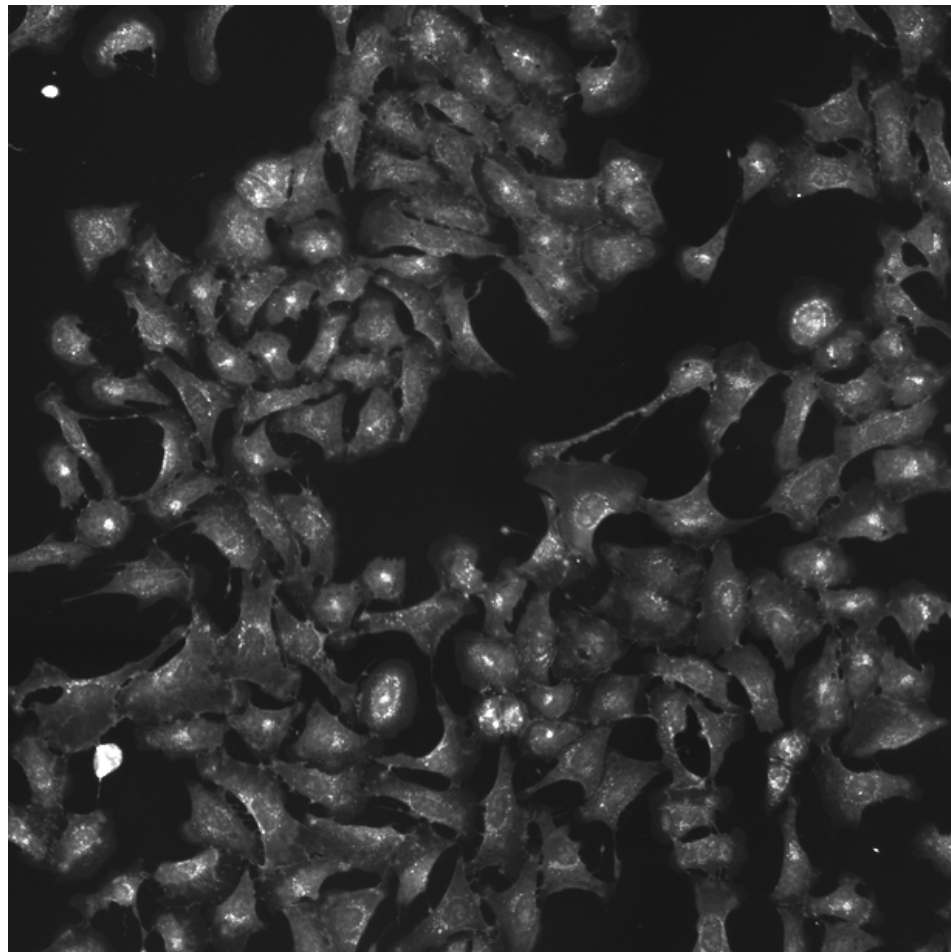
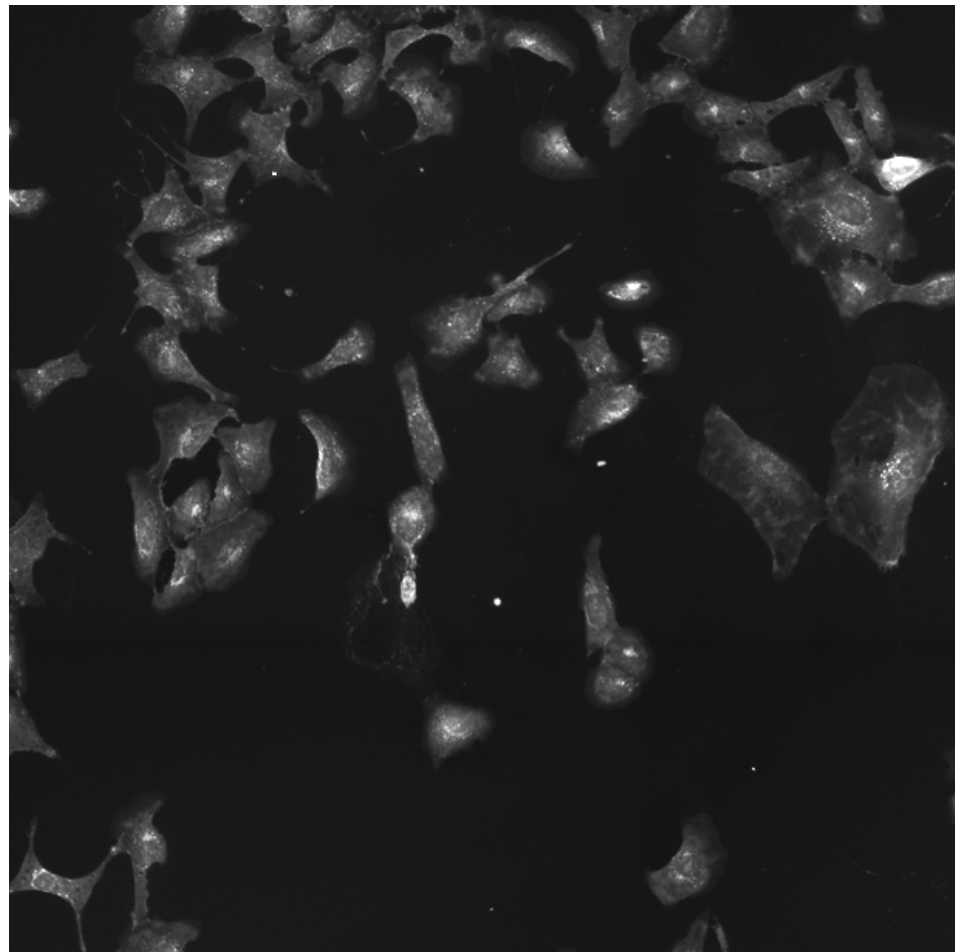
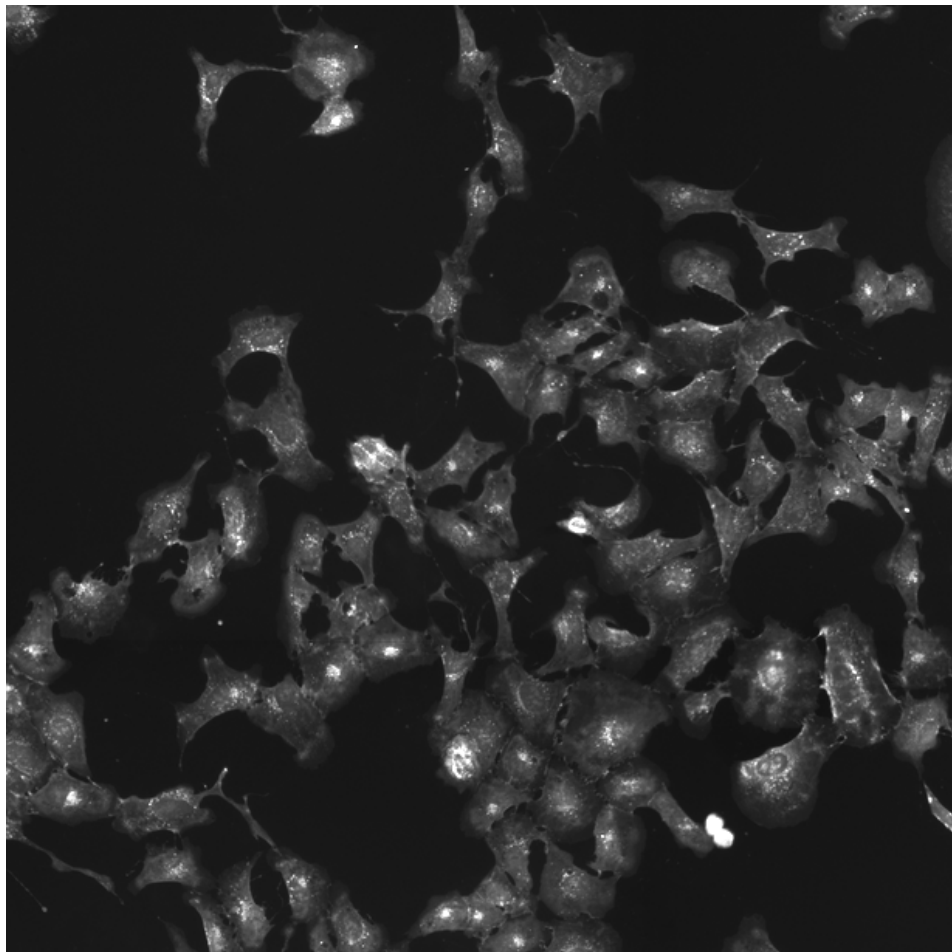
NFKBIA.WT (41757)

NFKBIA.WT (41754)

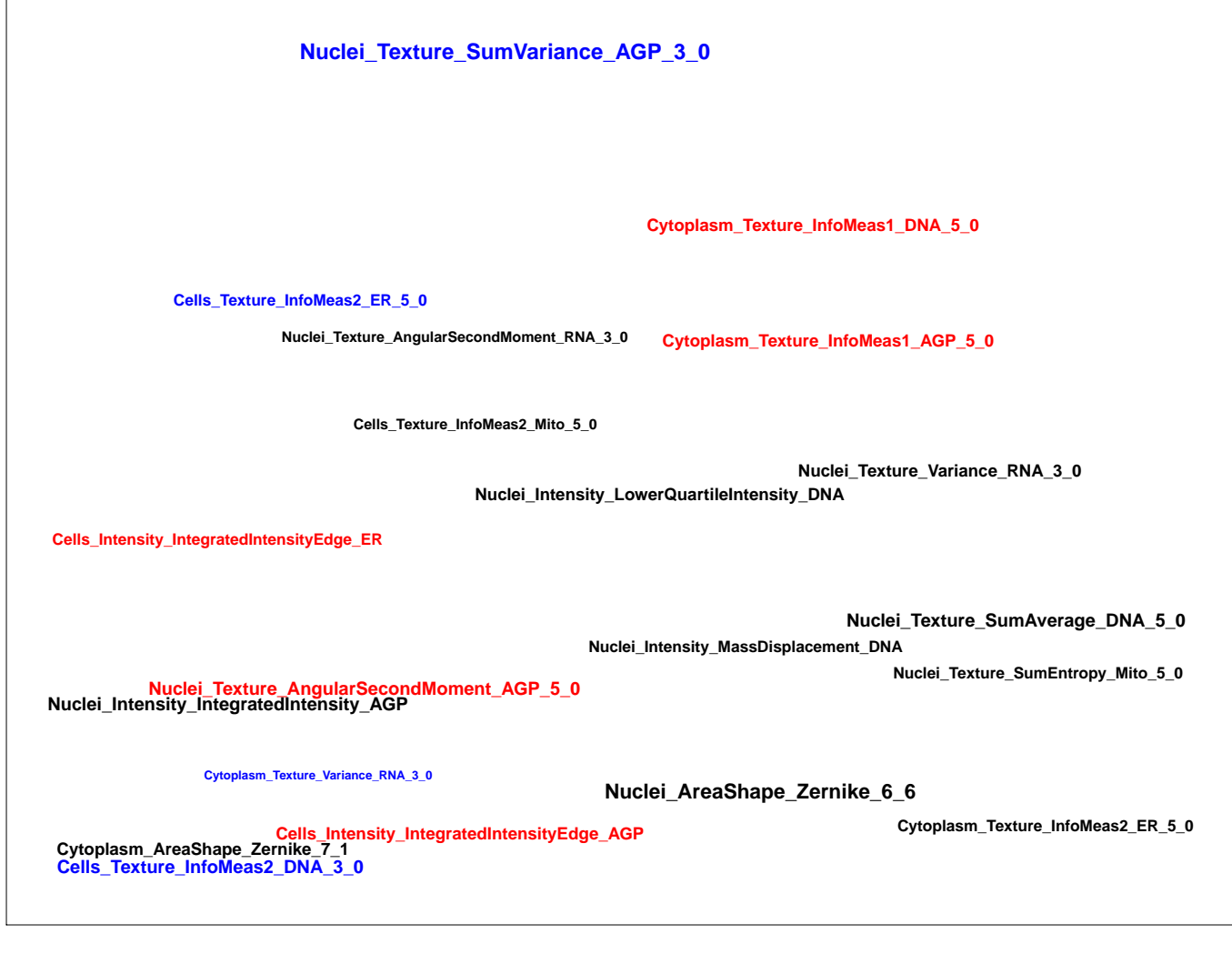
DNA

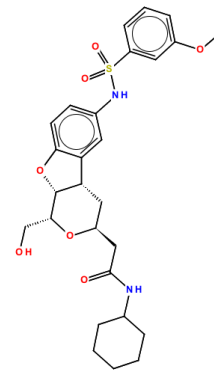
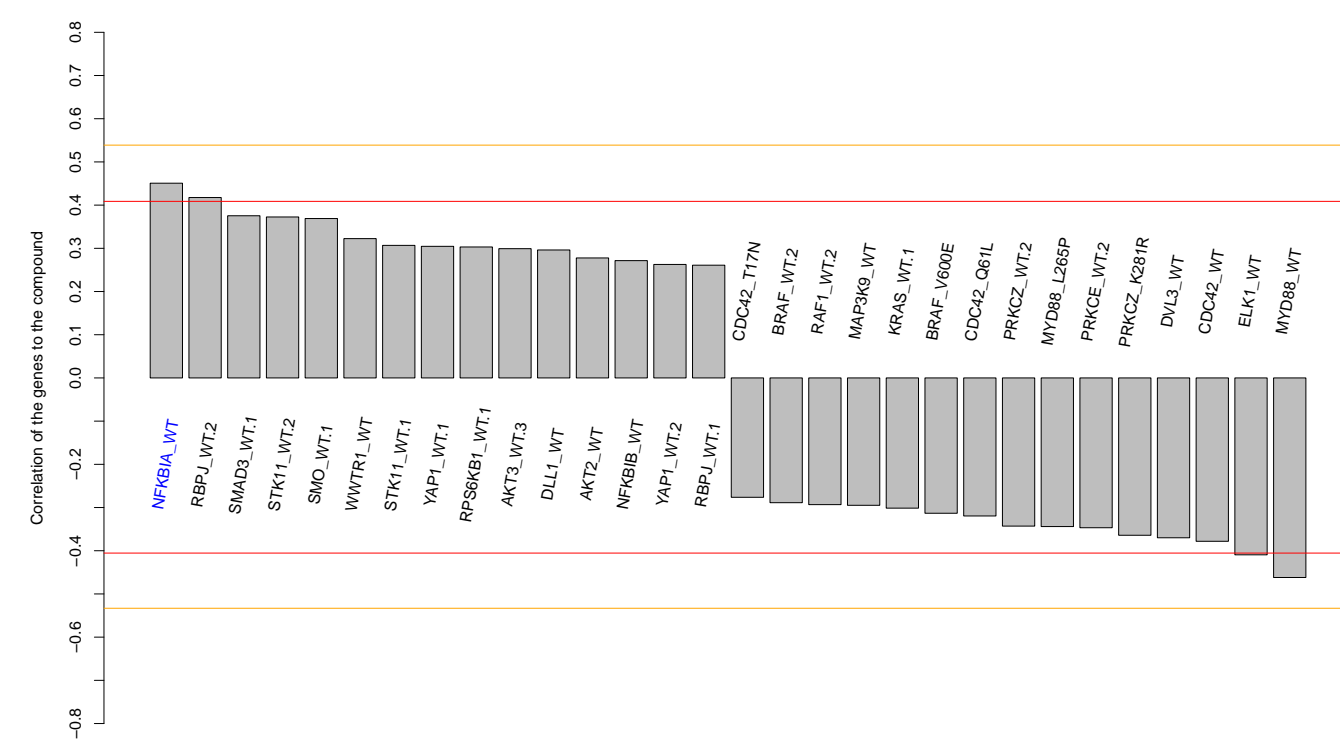
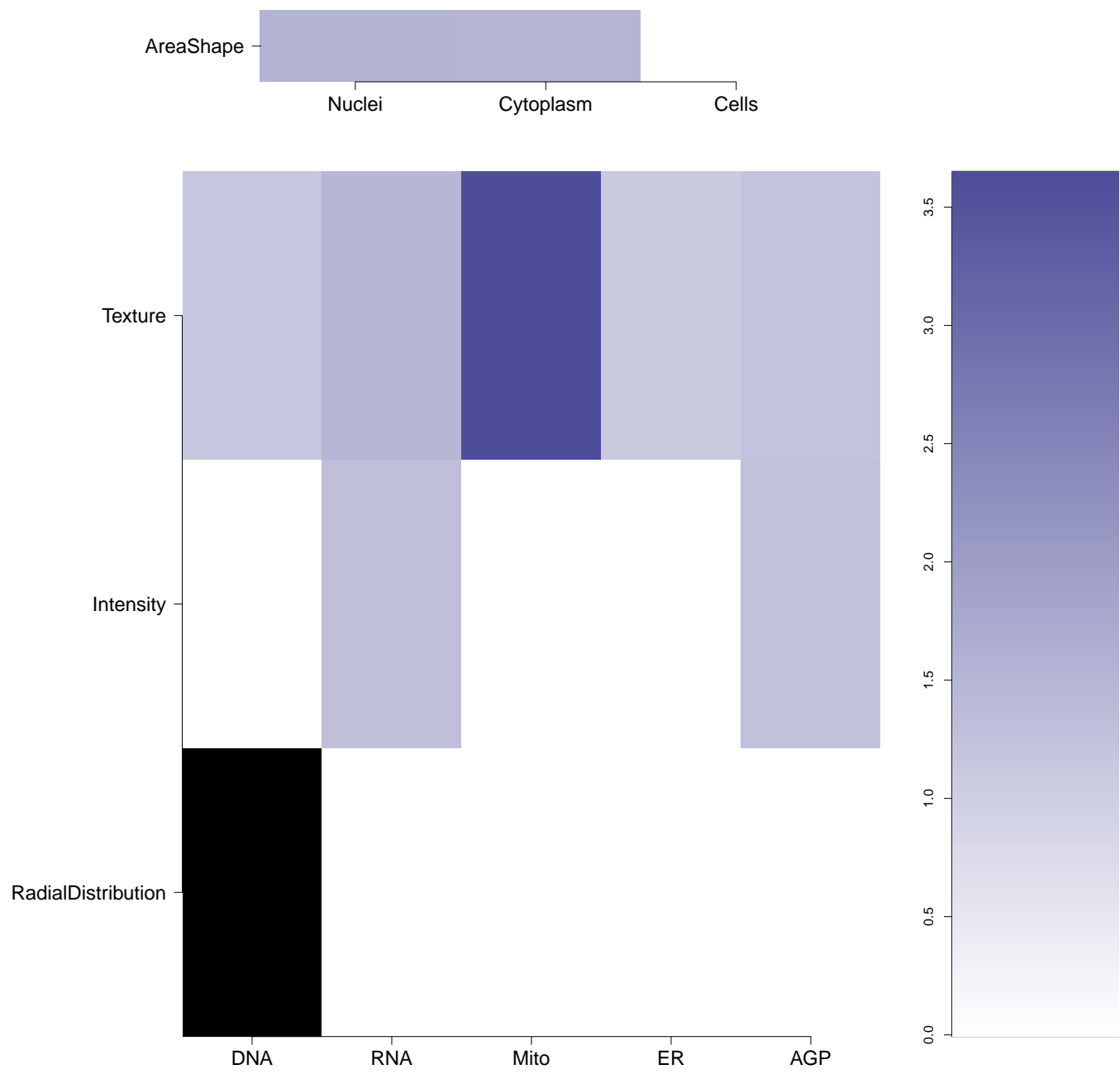

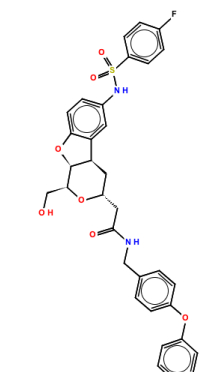
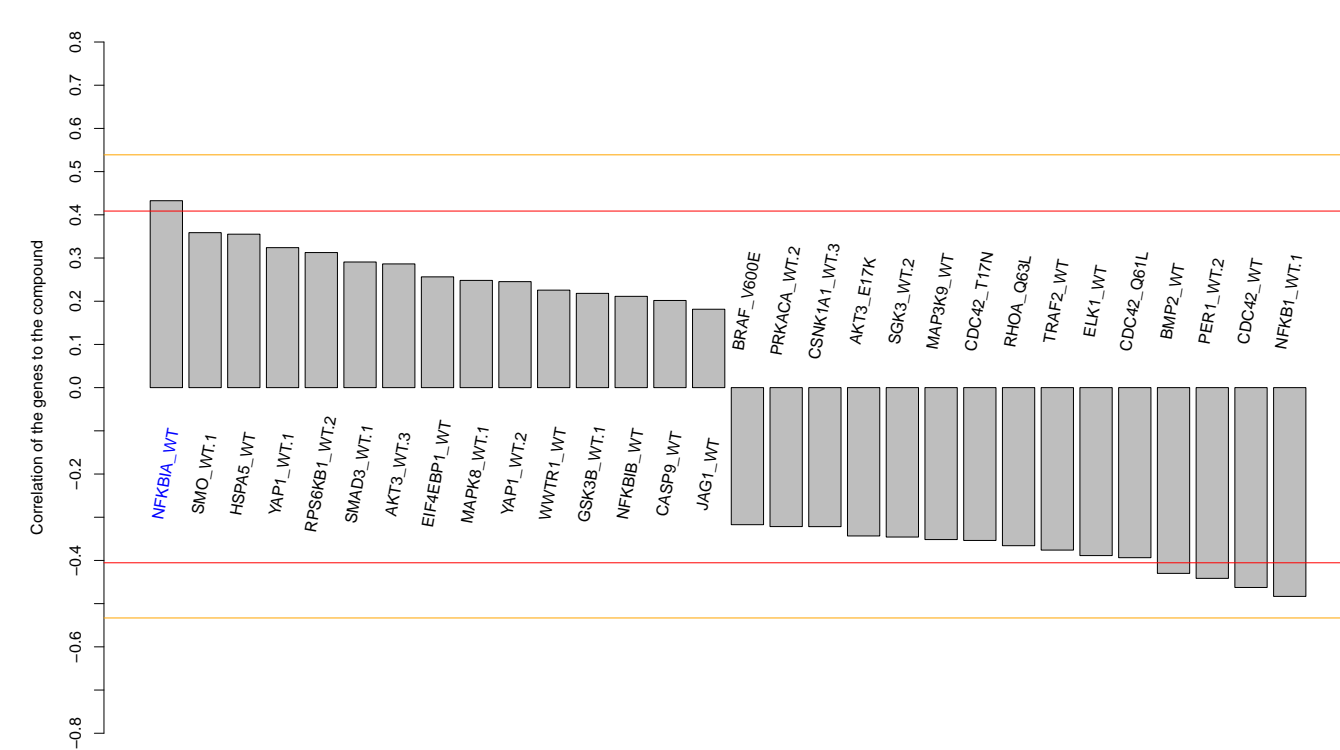
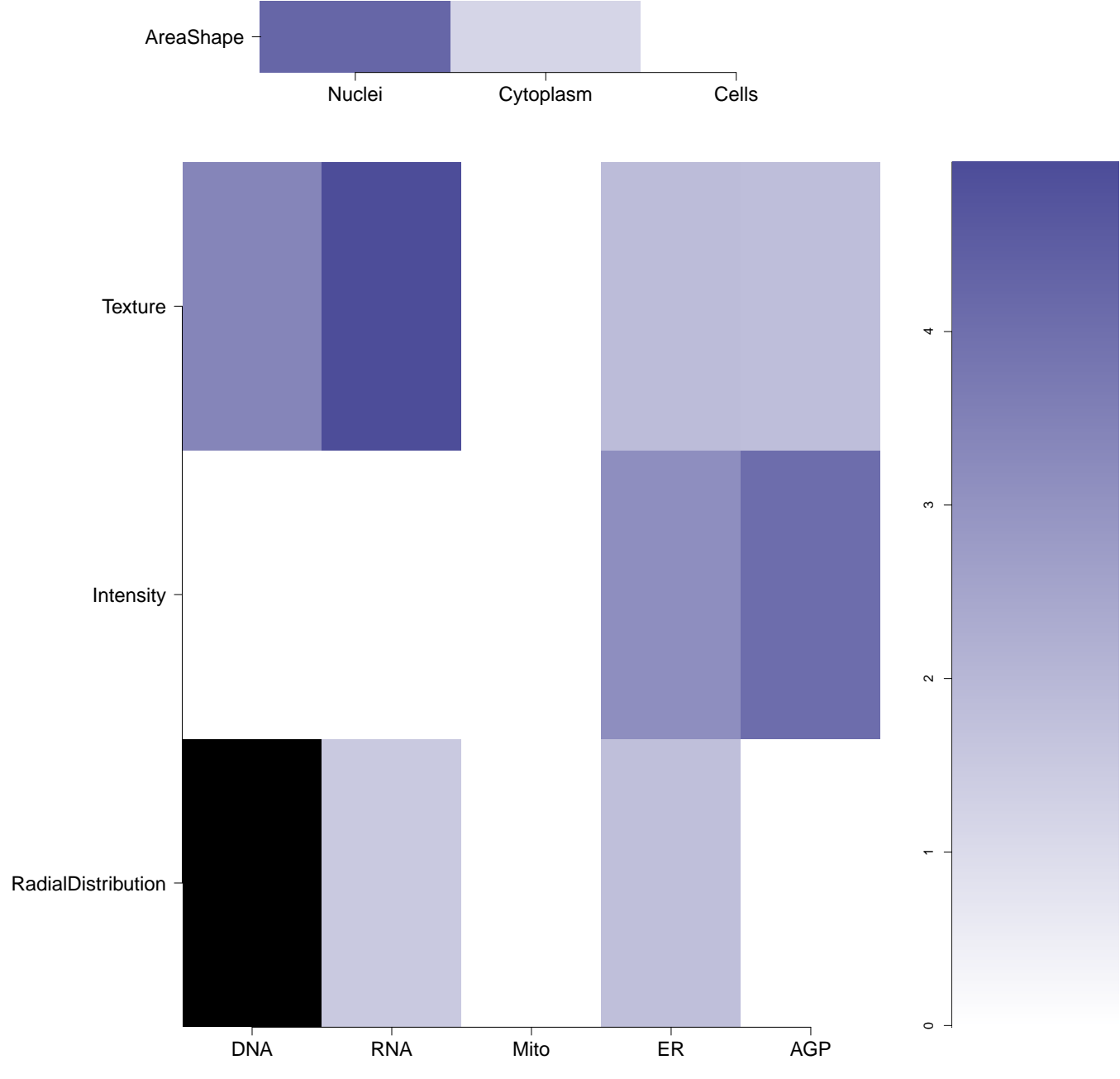

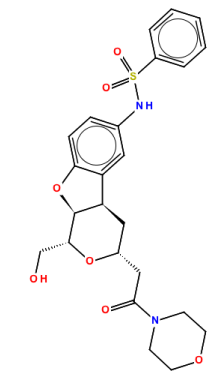
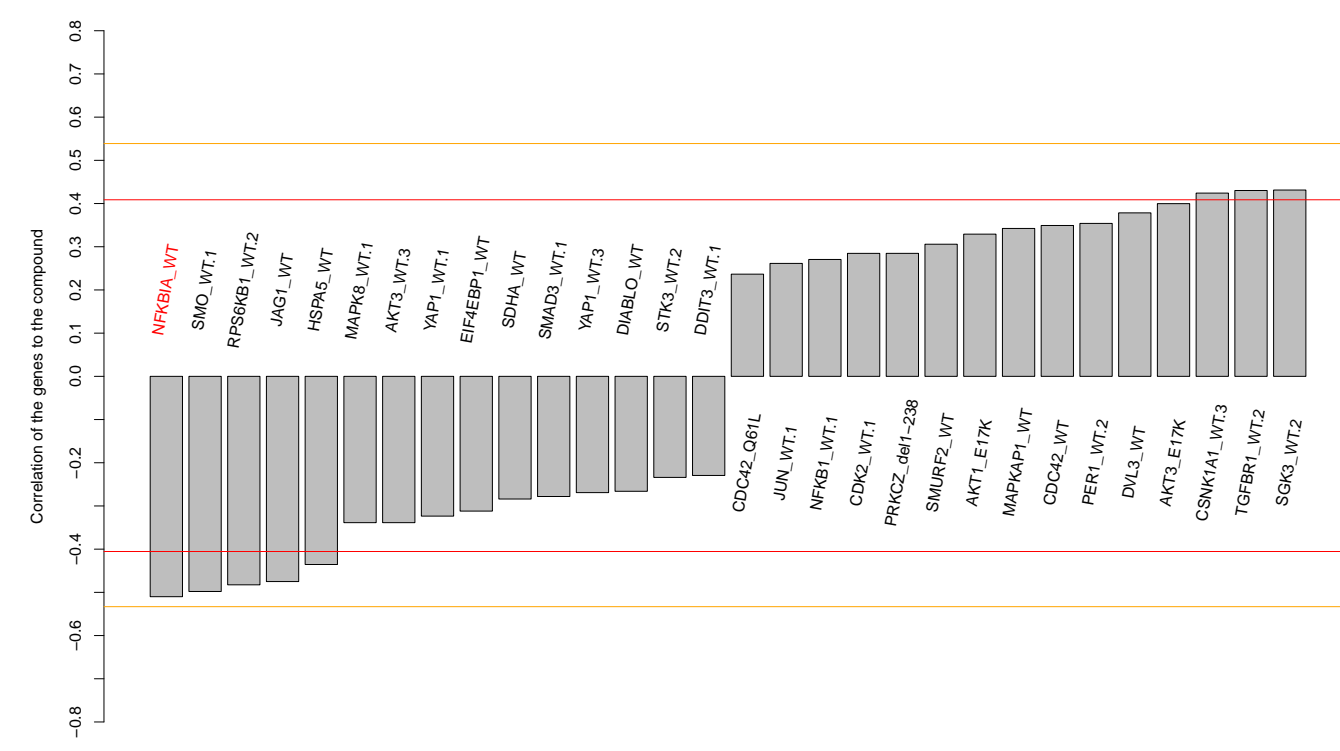
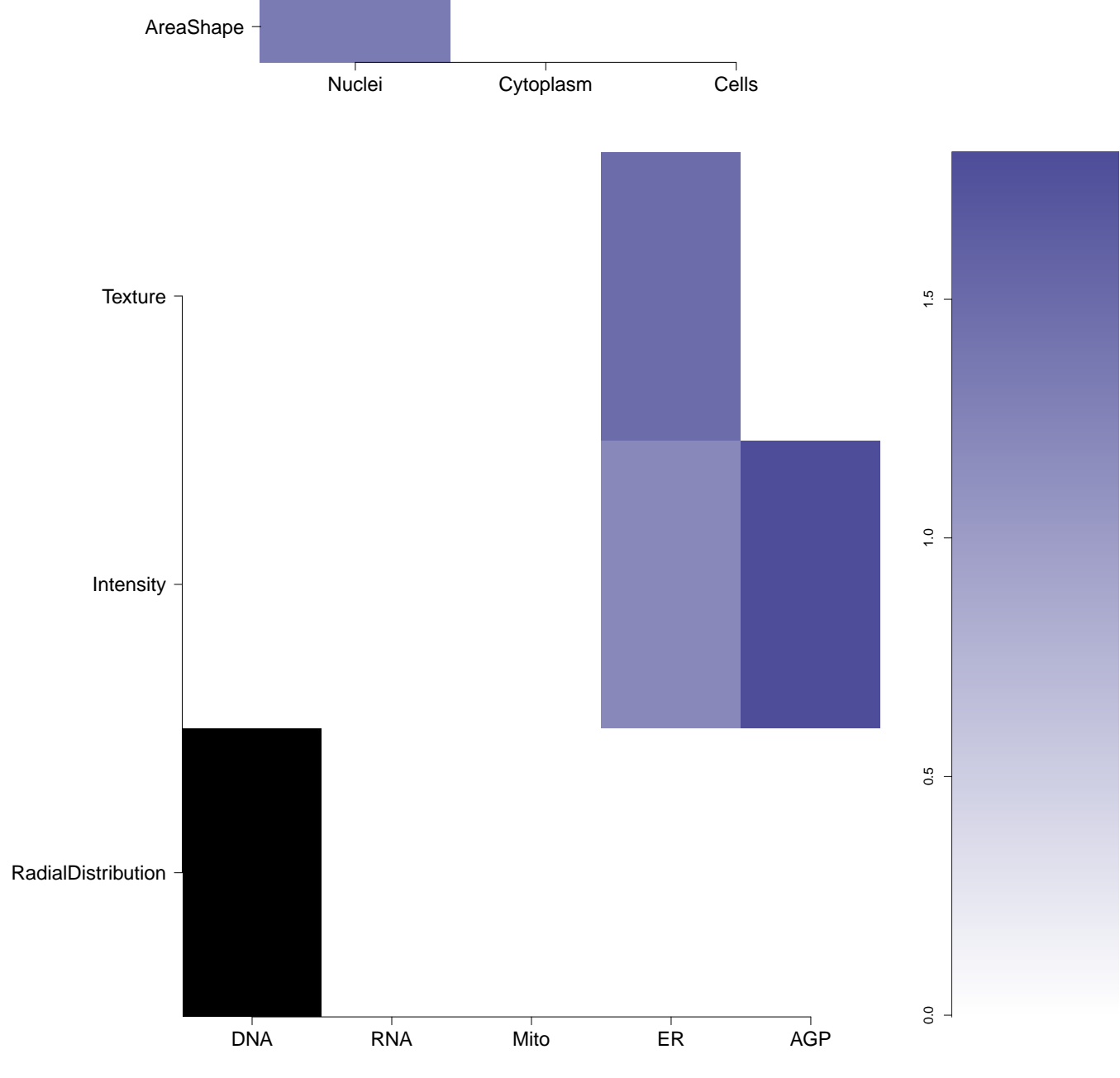
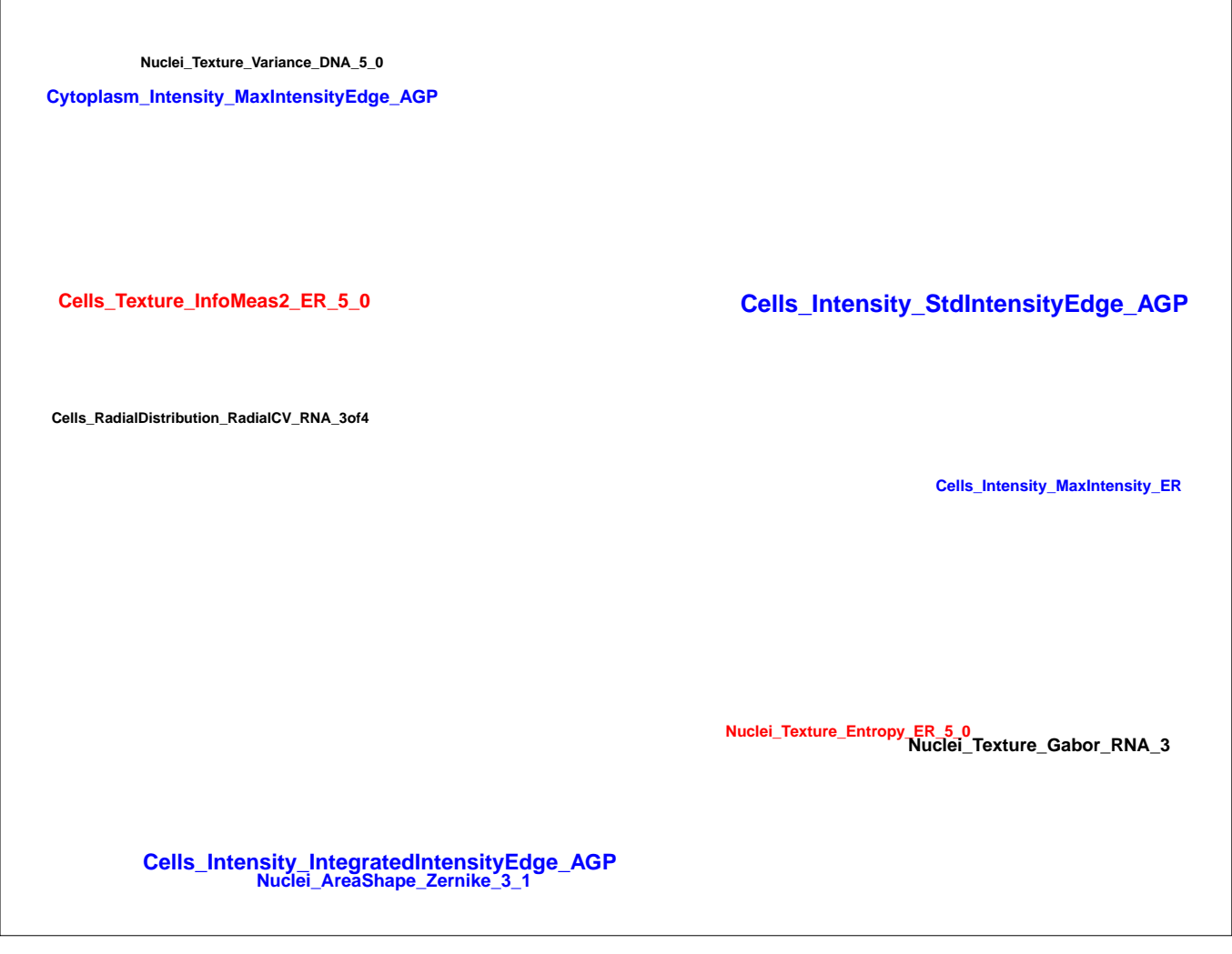
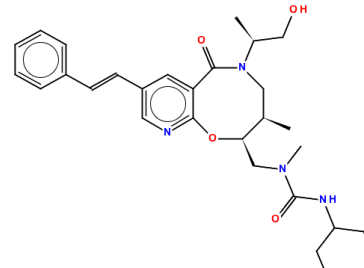
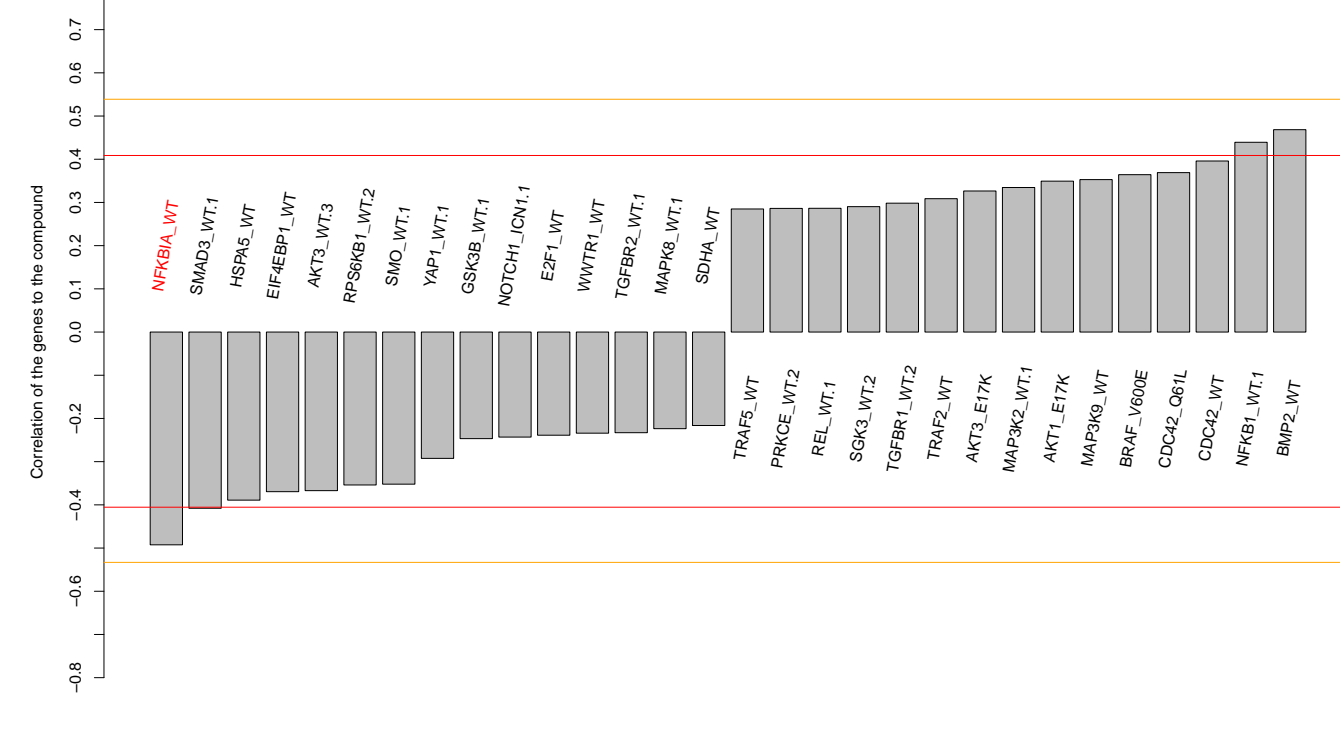
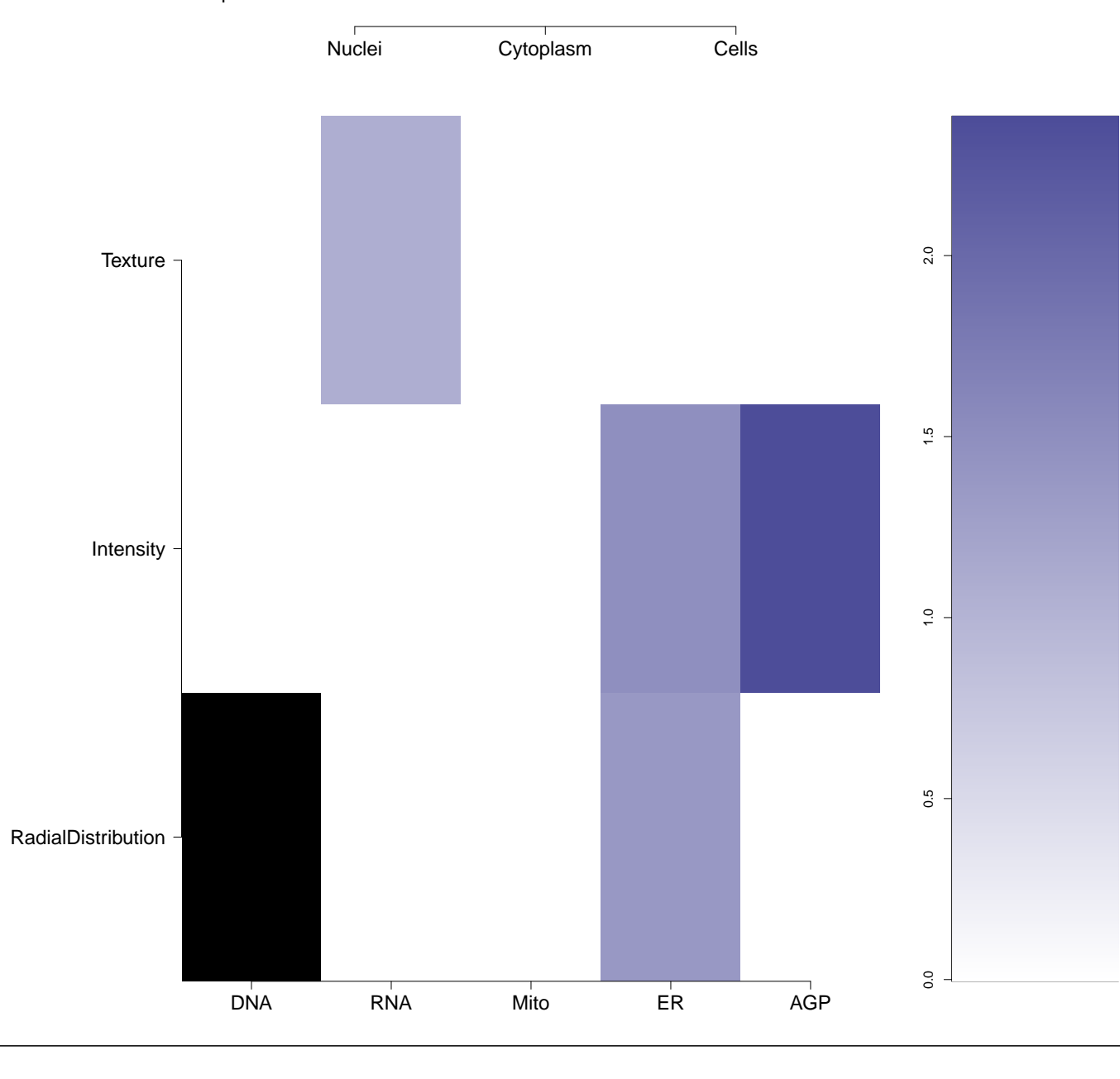



AGP



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 0.52)	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-K70039065-001-01-8 PubChem CID : 54641190		NA (in 1 replicates)	0.53	NA				Total number of assays tested in: 39.
BRD-K27835062-001-01-6 PubChem CID : 44505633		0.84 (in 3 replicates)	0.51	0.927				Total number of assays tested in: 26.
BRD-K36345680-001-05-8 SMR00006898 MLS00073930 AC1LD9R7 MLS004496834 HMS2415P21 ASN 06571284 PubChem CID : 644670		0.58 (in 2 replicates)	0.49	NA				Total number of assays tested in: 804. Active in the following assays: <ul style="list-style-type: none"> • qHTS for 14-3-3/Bad interaction inhibitors (AID 781) • HCS for Compounds that Up-Regulate Insulin Promoter Activity in MIN6 Cells (AID 1625) • Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483)
BRD-K00244800-001-05-0 10D-014 SMR000169148 AC1MCA7X MLS000543189 HMS2415J17 ZINC4001879 ZINC04001879 HE008132 3B3-024687 PubChem CID : 2764721		0.75 (in 2 replicates)	0.47	NA				Total number of assays tested in: 653. Active in the following assays: <ul style="list-style-type: none"> • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • FRET-based cell-based primary high throughput screening assay to identify antagonists of the orexin 1 receptor (OX1R; HCRTR1) (AID 485270) • qHTS Assay for Rab9 Promoter Activators (AID 485297) • qHTS Assay for NPC1 Promoter Activators (AID 485313) • qHTS profiling assay for firefly luciferase-inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342) • Screen for inhibitors of the SWI/SNF chromatin remodeling complex (esBAF) in mouse embryonic stem cells with Luciferase reporter assay Measured in Cell-Based System Using Plate Reader - 2141-01.Inhibitor.SinglePoint.HTS.Activity (AID 602393) • Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483) • HTS Assay for Inhibitors of Akt Phosphorylation: Primary Screen (AID 651550) • qHTS of TDP-43 Inhibitors (AID 652104) • Luminescence-based cell-based primary high throughput screening assay to identify agonists of the DAF-12 from the parasite H. glycines (hgDAF-12). (AID 687014) • Luminescence-based cell-based high throughput confirmation assay to identify agonists of the DAF-12 from the parasite H. glycines (hgDAF-12). (AID 743650)
BRD-K34781184-001-01-6 PubChem CID : 54645913		0.62 (in 2 replicates)	0.47	0.730				Total number of assays tested in: 50. Active in the following assays: <ul style="list-style-type: none"> • Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01.Inhibitor.SinglePoint.HTS.Activity (AID 624255) • Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-06.Inhibitor.Dose.DryPowder.Activity.Set2 (AID 624361) • Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-05.Inhibitor.Dose.DryPowder.Activity.Set2 (AID 624376) • Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01.Inhibitor.SinglePoint.CherryPick.Activity (AID 651739) • NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based System Using Plate Reader - 2138-02.Inhibitor.SinglePoint.CherryPick.Activity (AID 651742) • NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2153-01.Inhibitor.Dose.DryPowder.Activity.Set9 (AID 1159568)
BRD-K08739006-001-01-2 PubChem CID : 54641243		NA (in 1 replicates)	0.46	NA				Total number of assays tested in: 38.

BRD-K17834240-001-01-6 PubChem CID : 54646000		0.63 (in 3 replicates)	0.45	NA				Total number of assays tested in: 39.
BRD-K57345537-001-01-6 PubChem CID : 54646521		0.91 (in 3 replicates)	0.43	0.921				Total number of assays tested in: 40. Active in the following assays: <ul style="list-style-type: none">• Inhibition of Teruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01.Inhibitor.SinglePoint.HTS.Activity (AID 624255)• Inhibition of Teruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01.Inhibitor.SinglePoint.CherryPick.Activity (AID 651739)• NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based System Using Plate Reader - 2138-02.Inhibitor.SinglePoint.CherryPick.Activity (AID 651744)
BRD-K49911380-001-01-4 PubChem CID : 54645972		NA (in 1 replicates)	-0.51	0.965				Total number of assays tested in: 43.
BRD-K05837079-001-01-9 PubChem CID : 54619482		0.67 (in 4 replicates)	-0.49	0.270				Total number of assays tested in: 36.