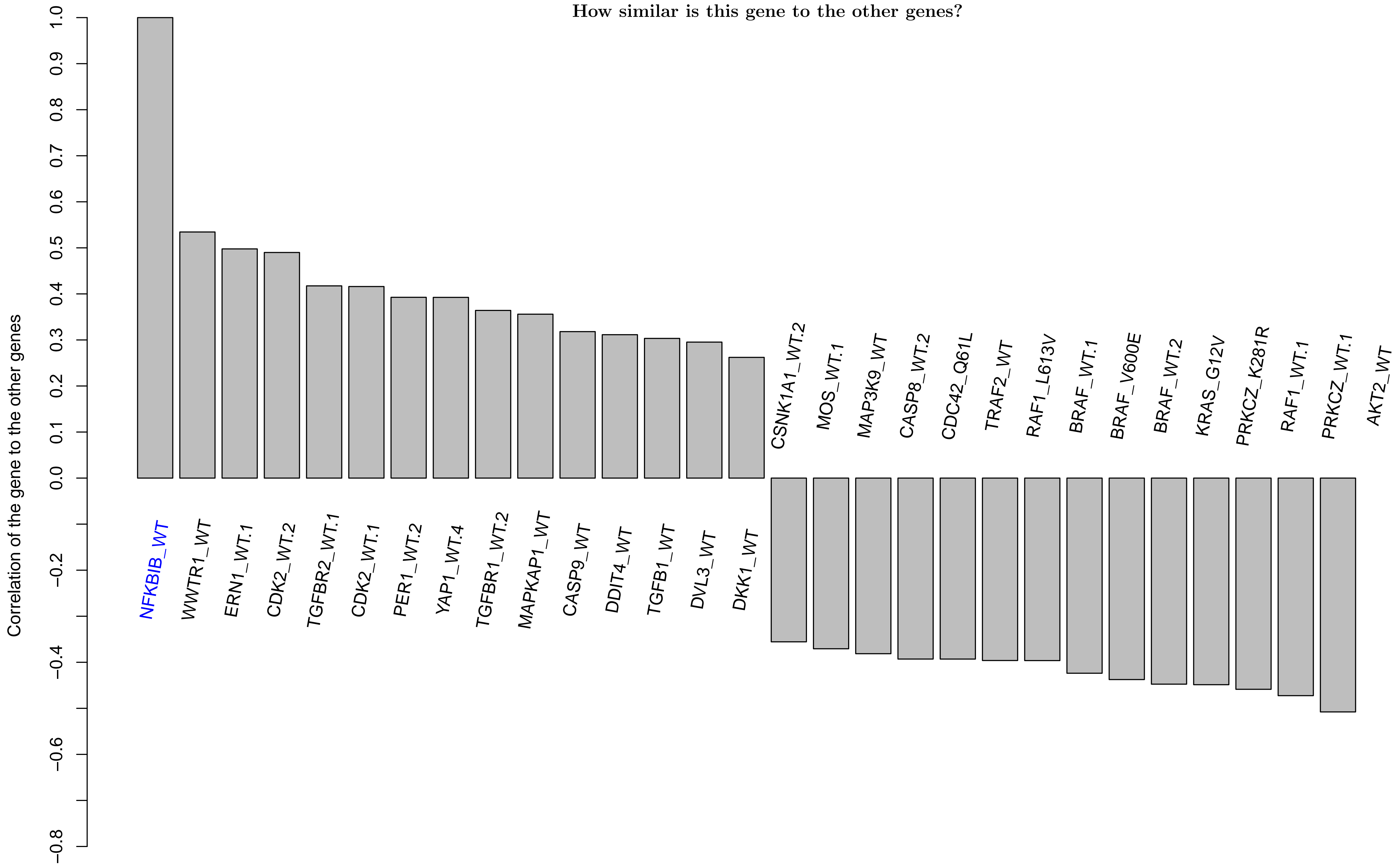
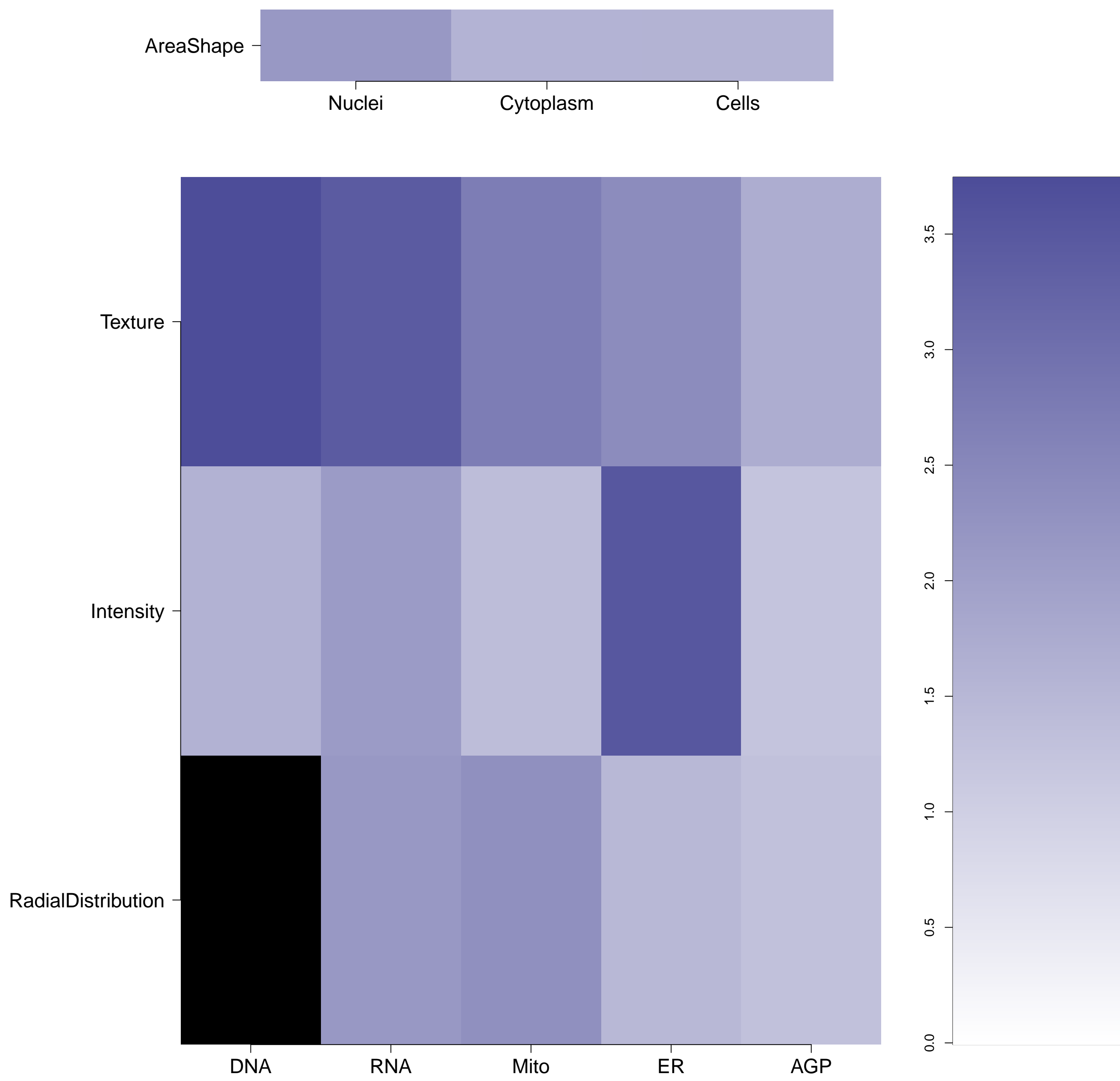


NFKBIB.WT - in Canonical NFkB

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

NFKBIB.WT (41744)

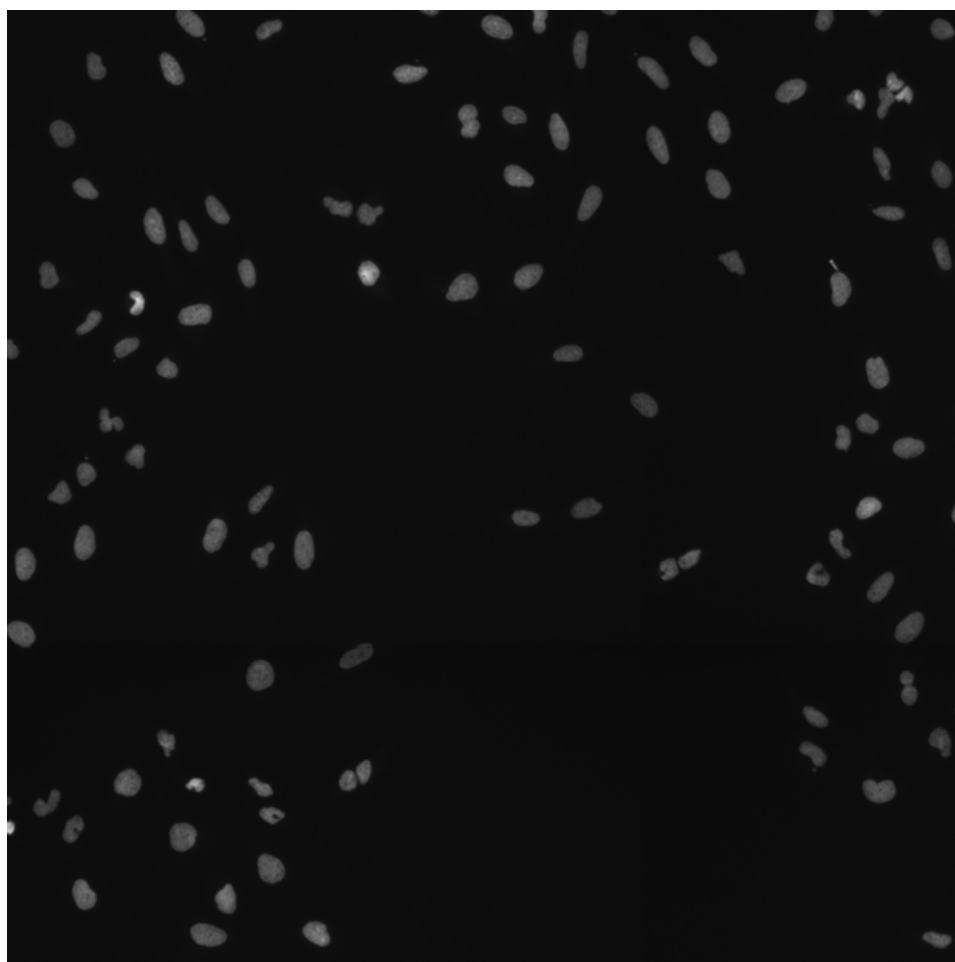
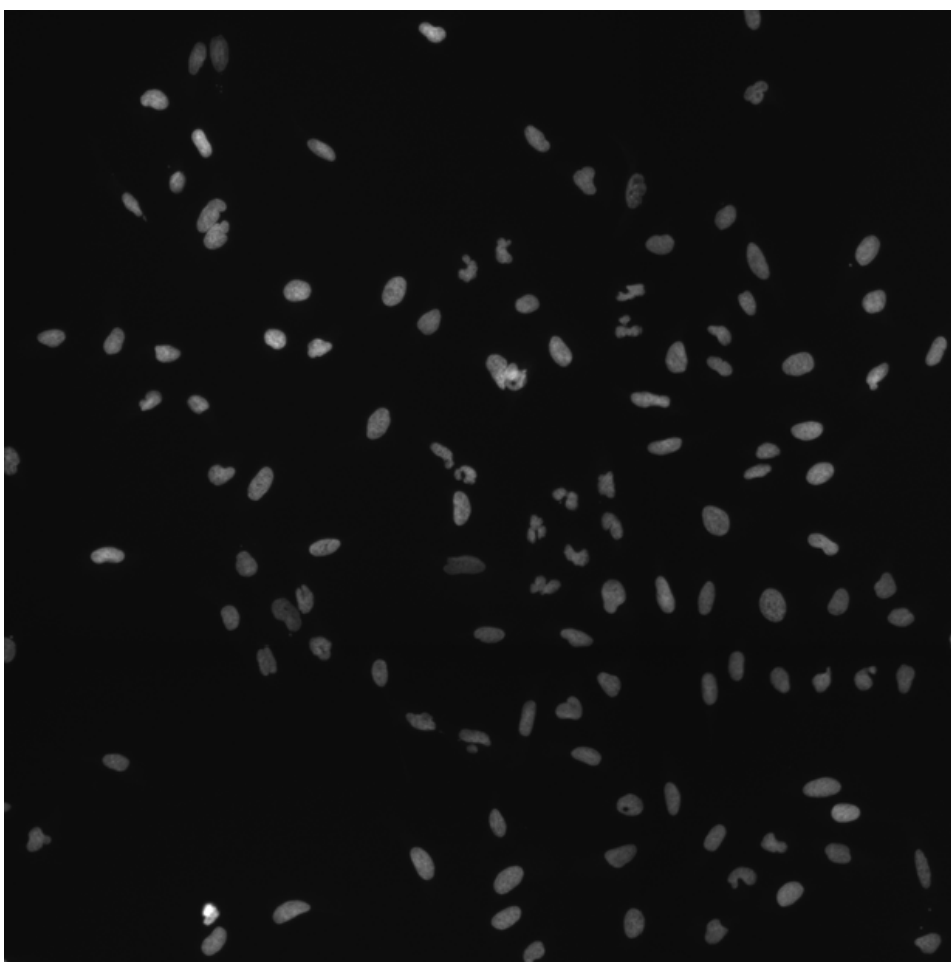
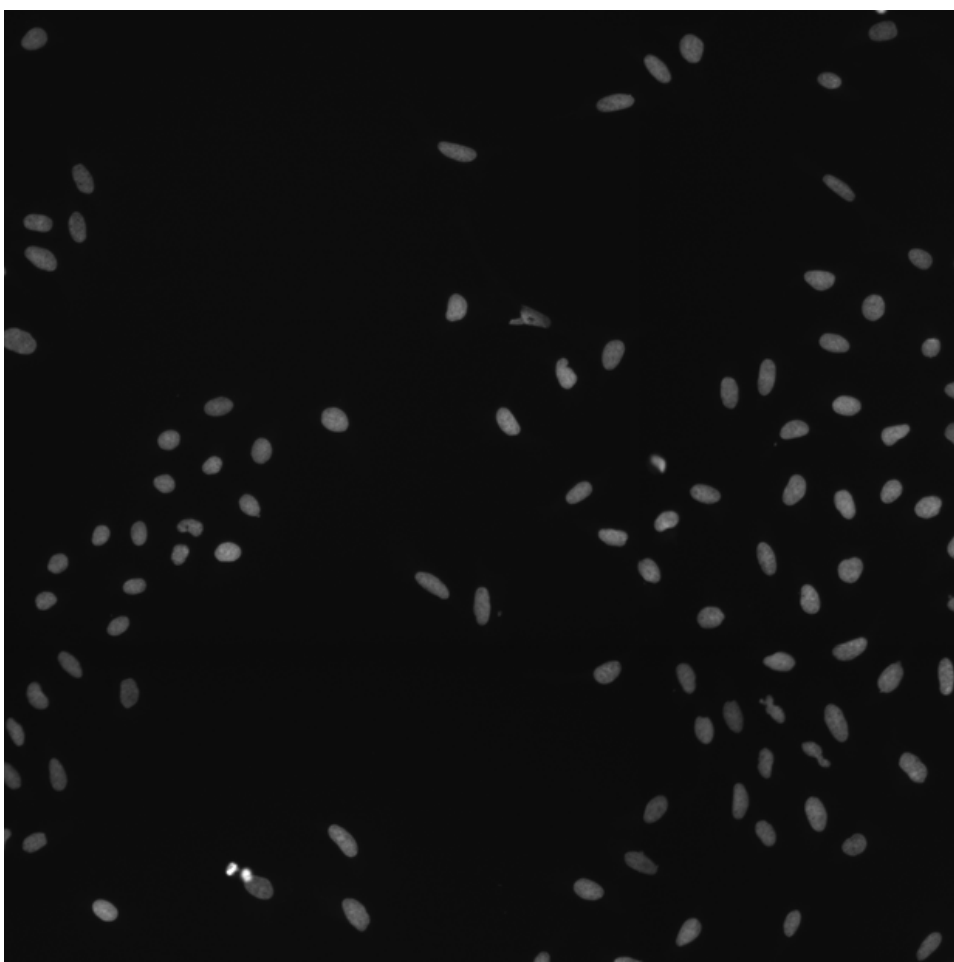
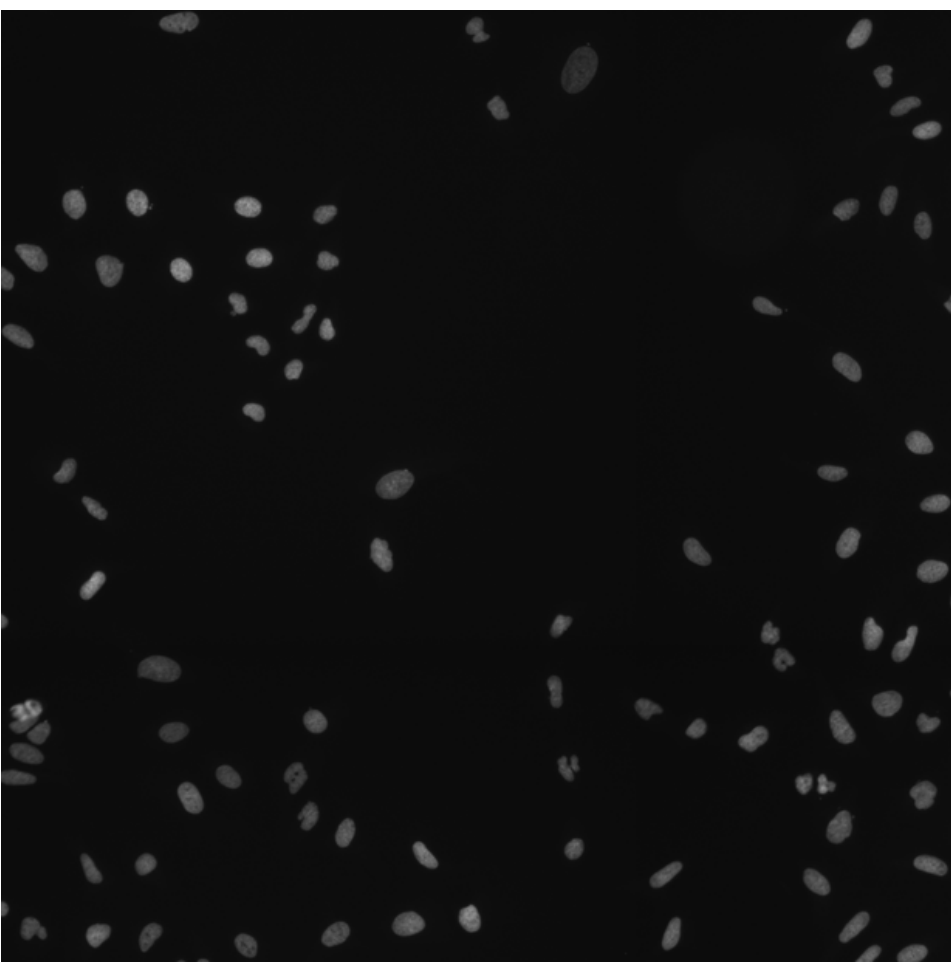
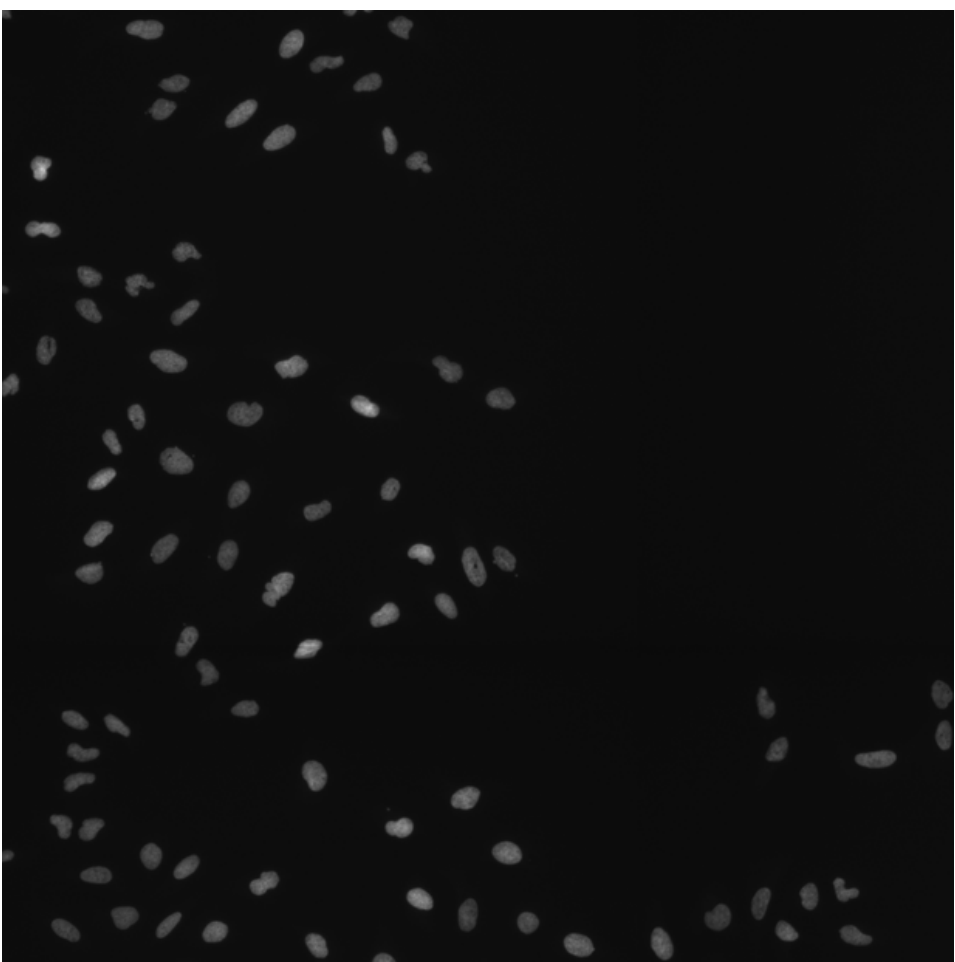
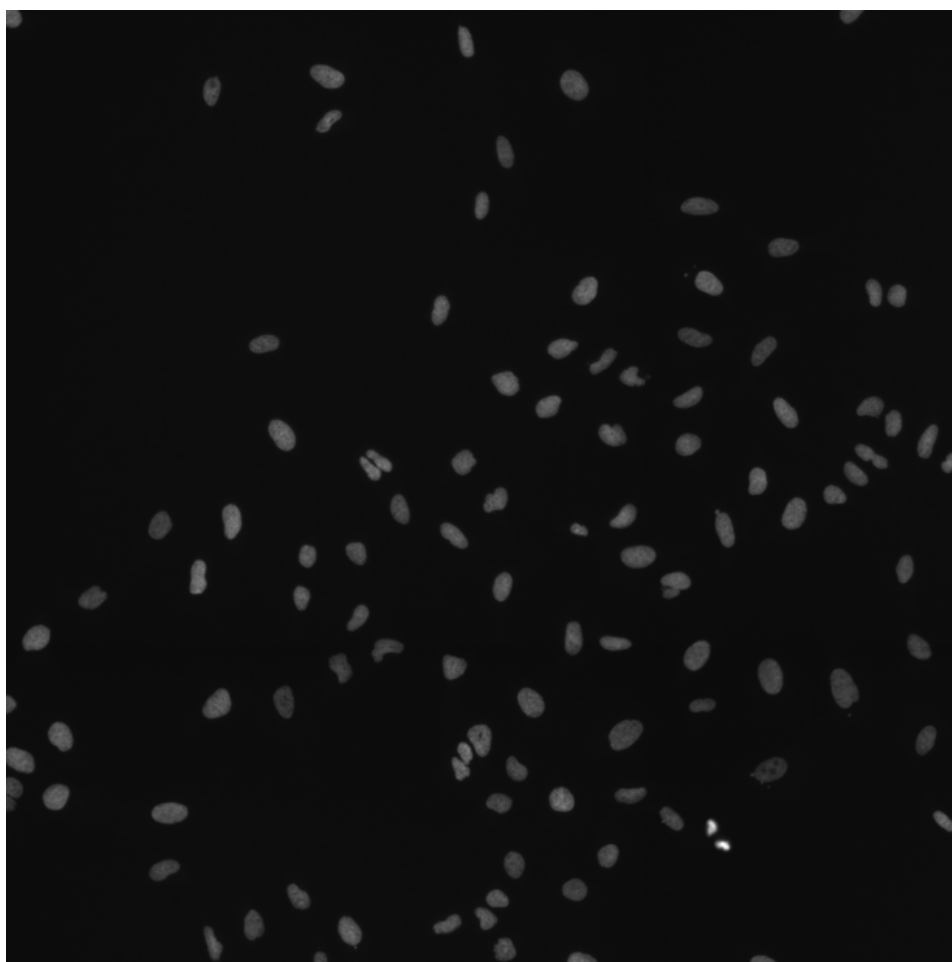
NFKBIB.WT (41755)

NFKBIB.WT (41756)

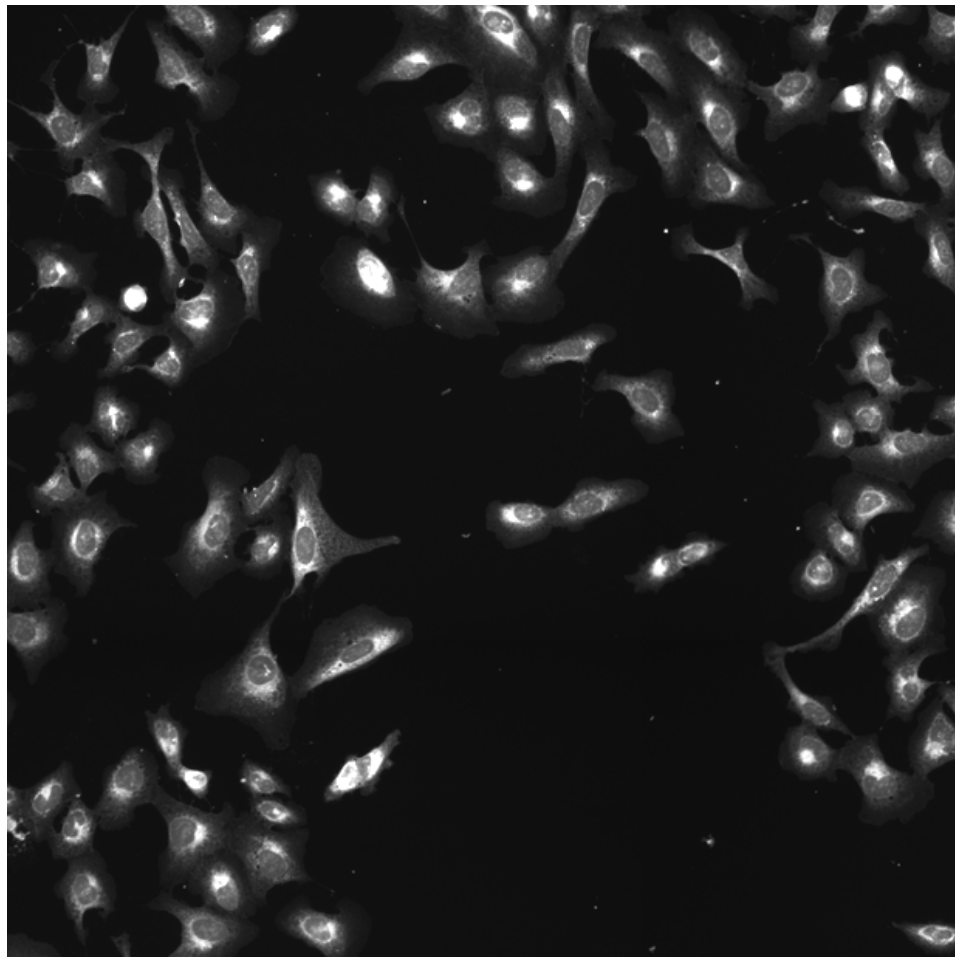
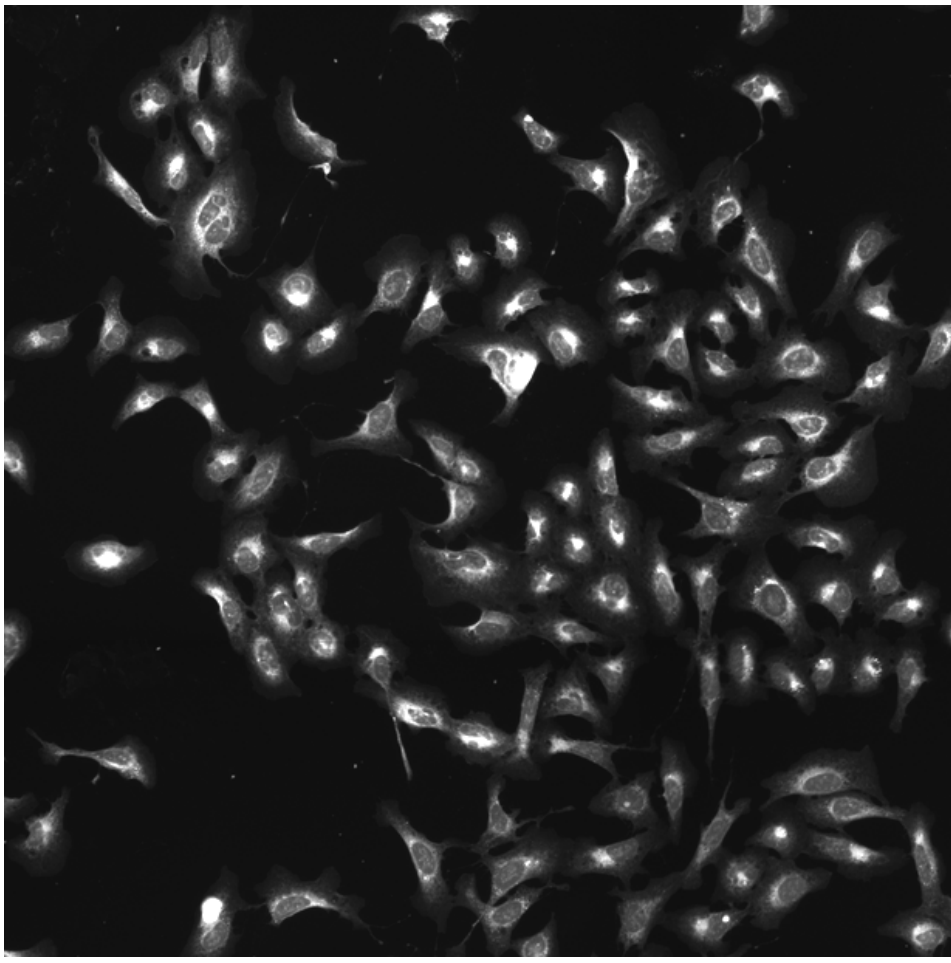
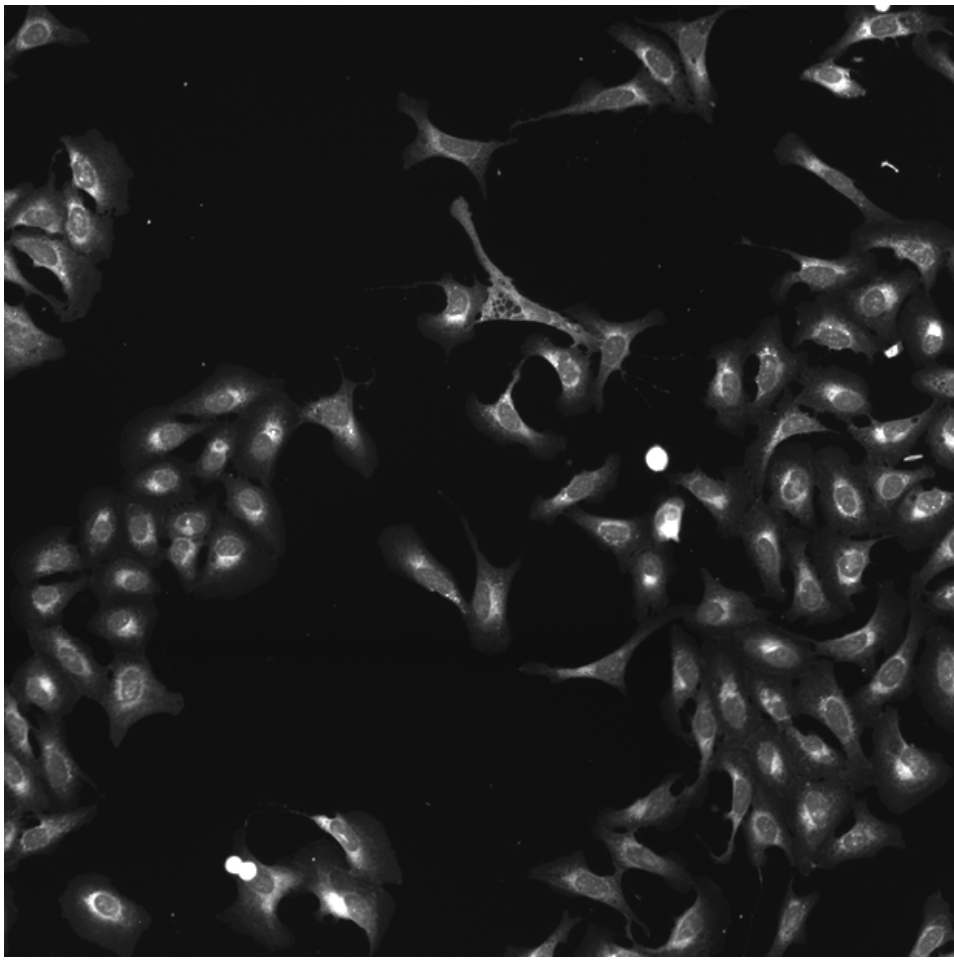
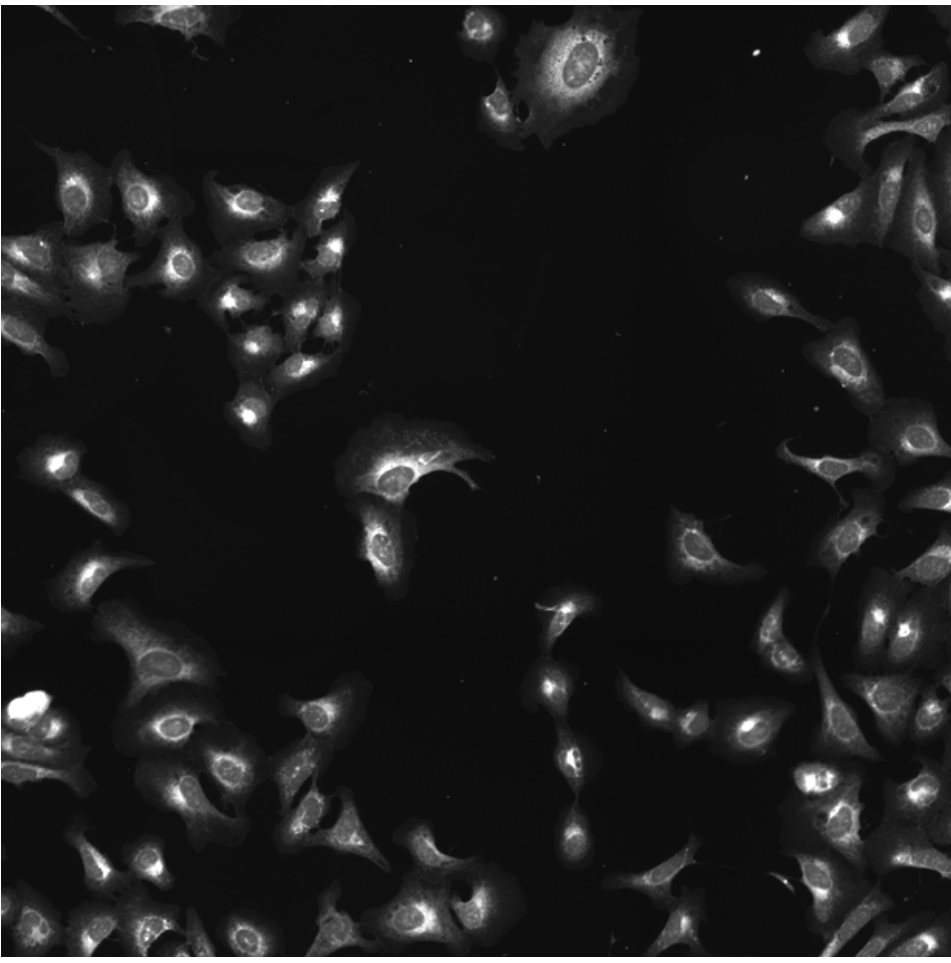
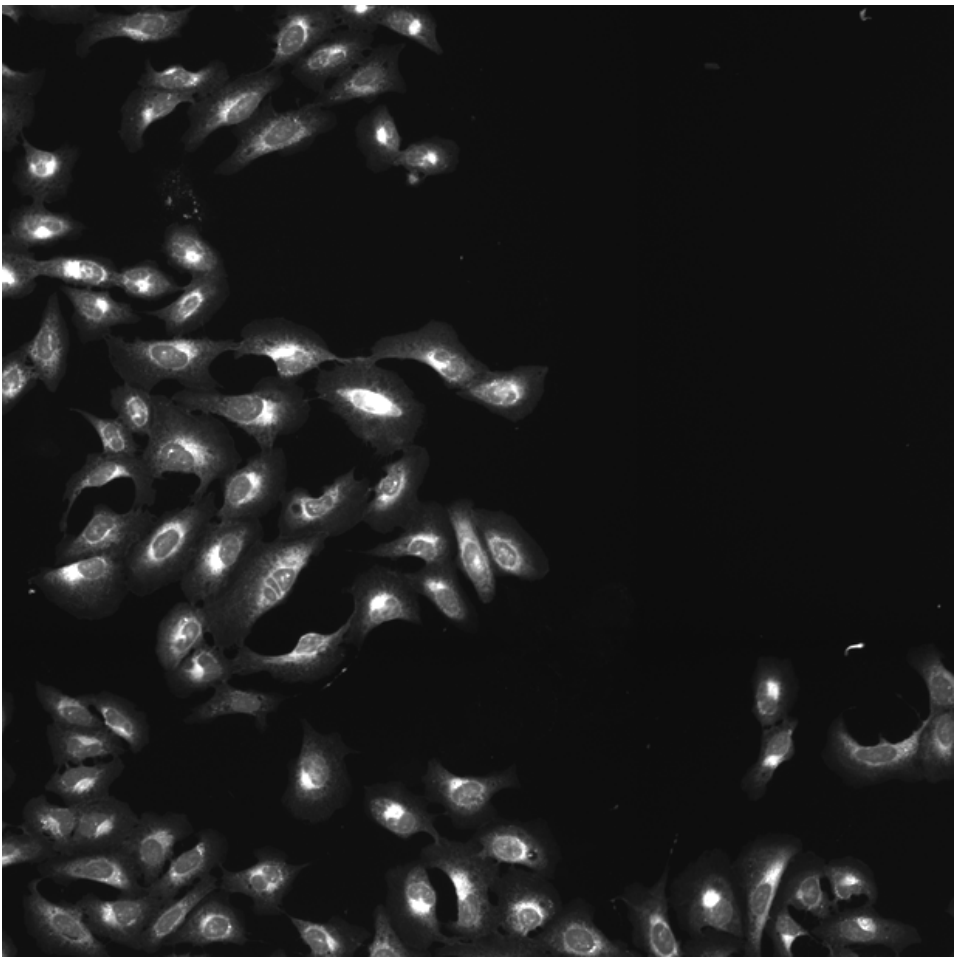
NFKBIB.WT (41757)

NFKBIB.WT (41754)

DNA



ER

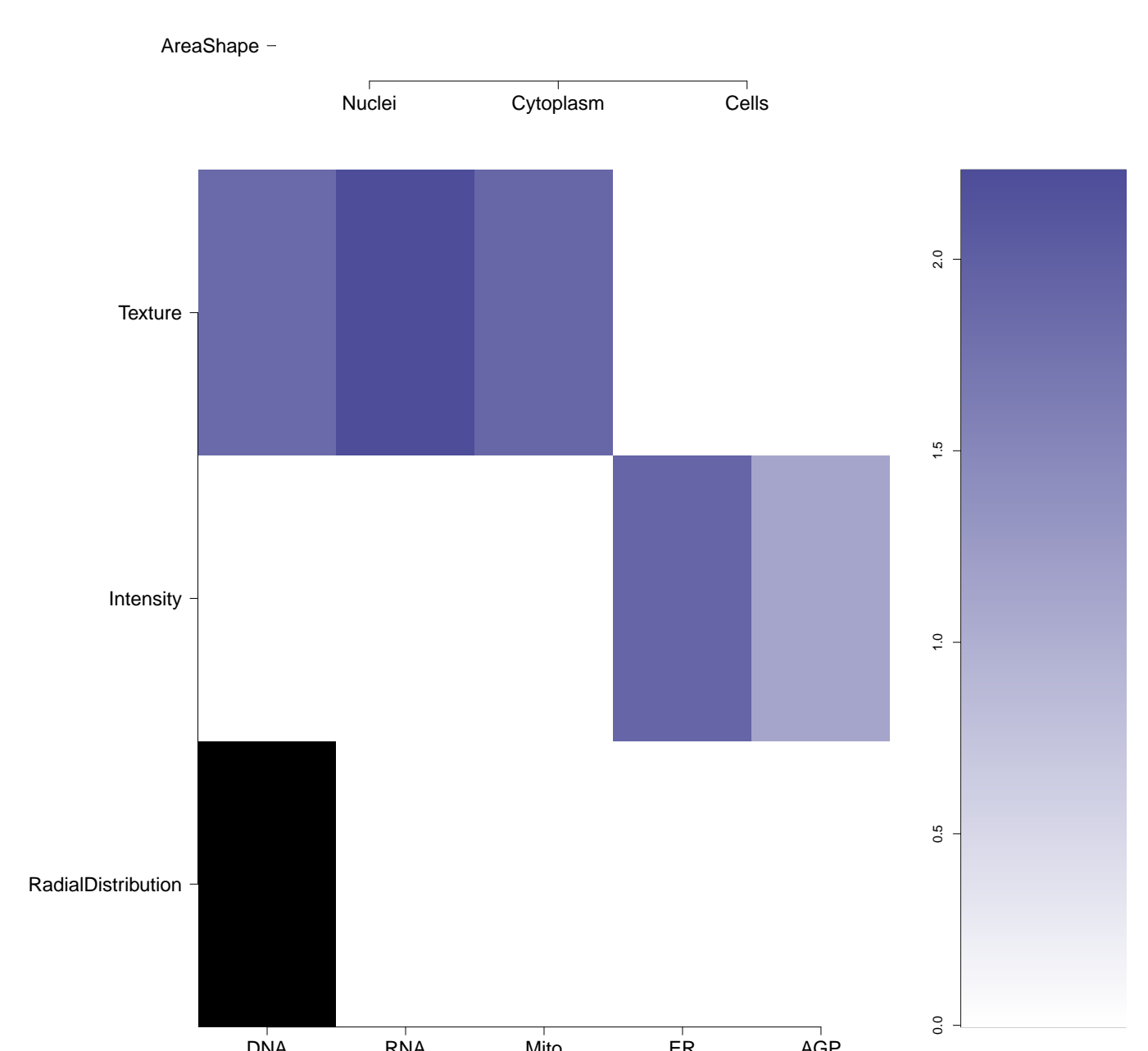
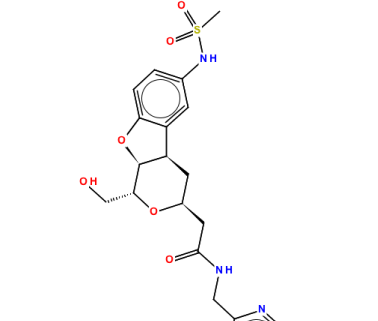
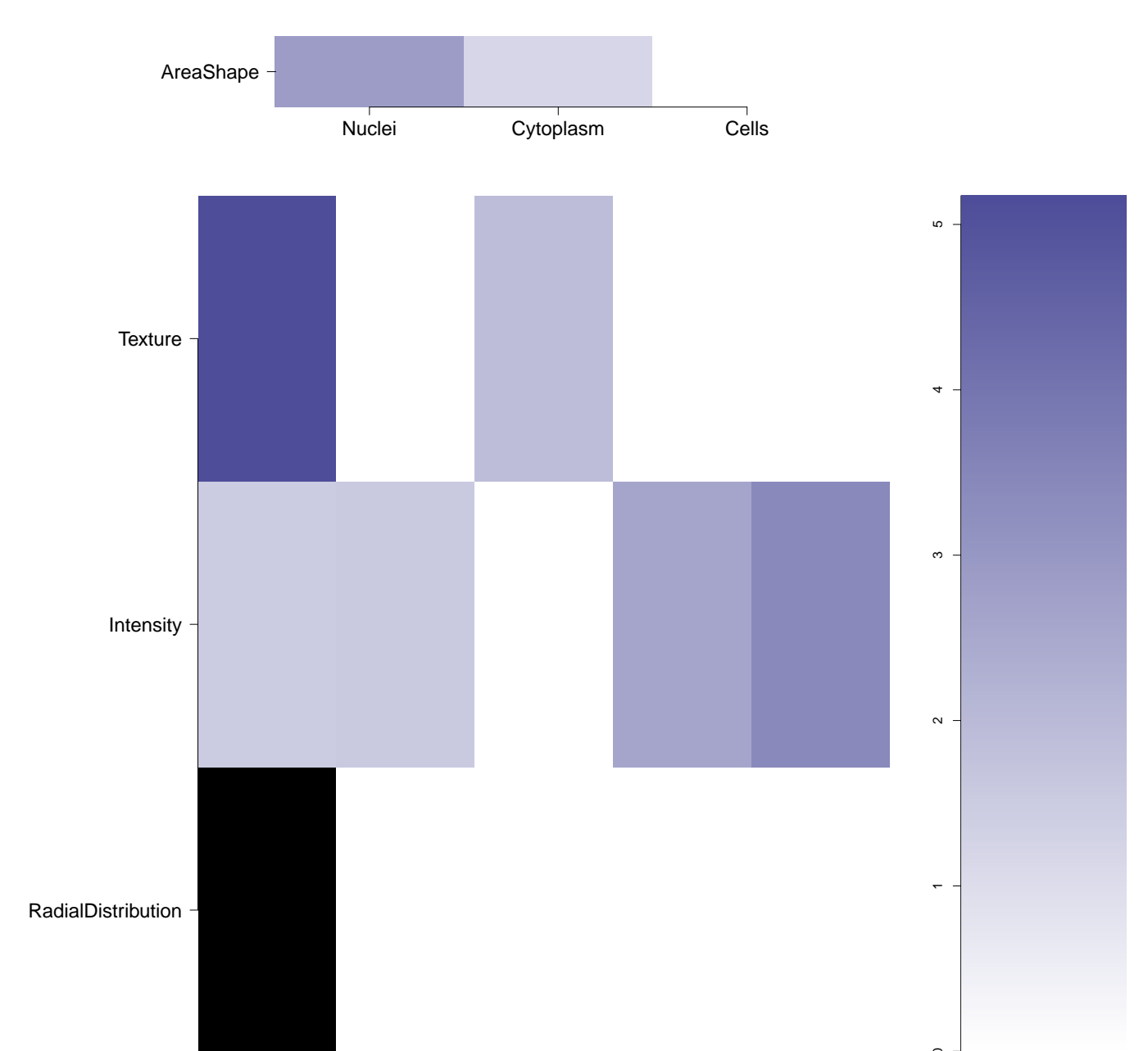
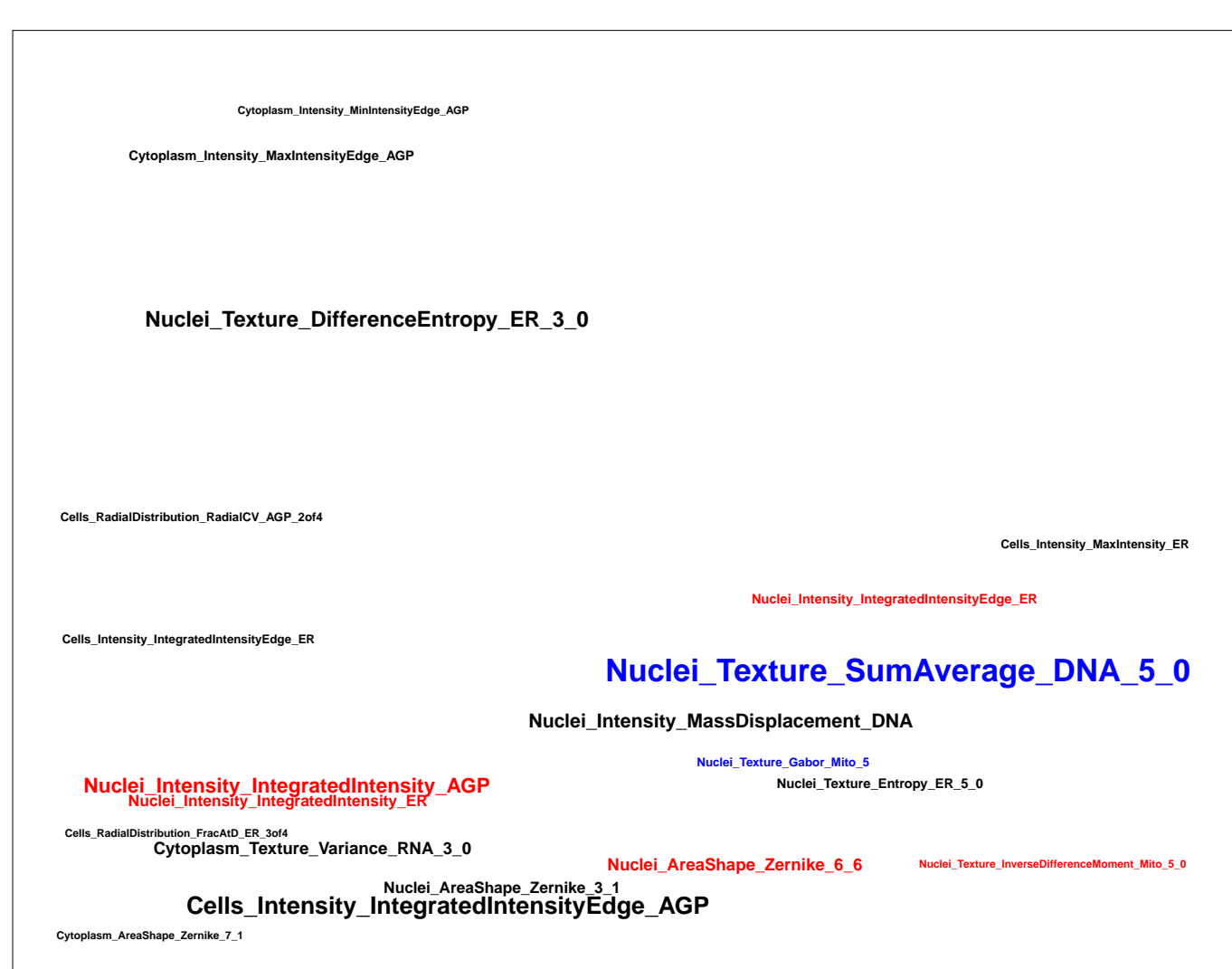

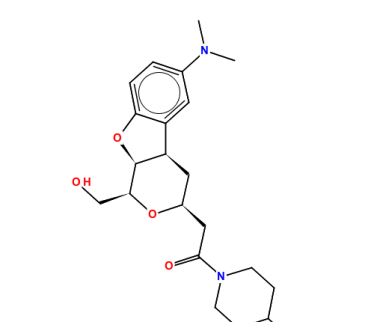
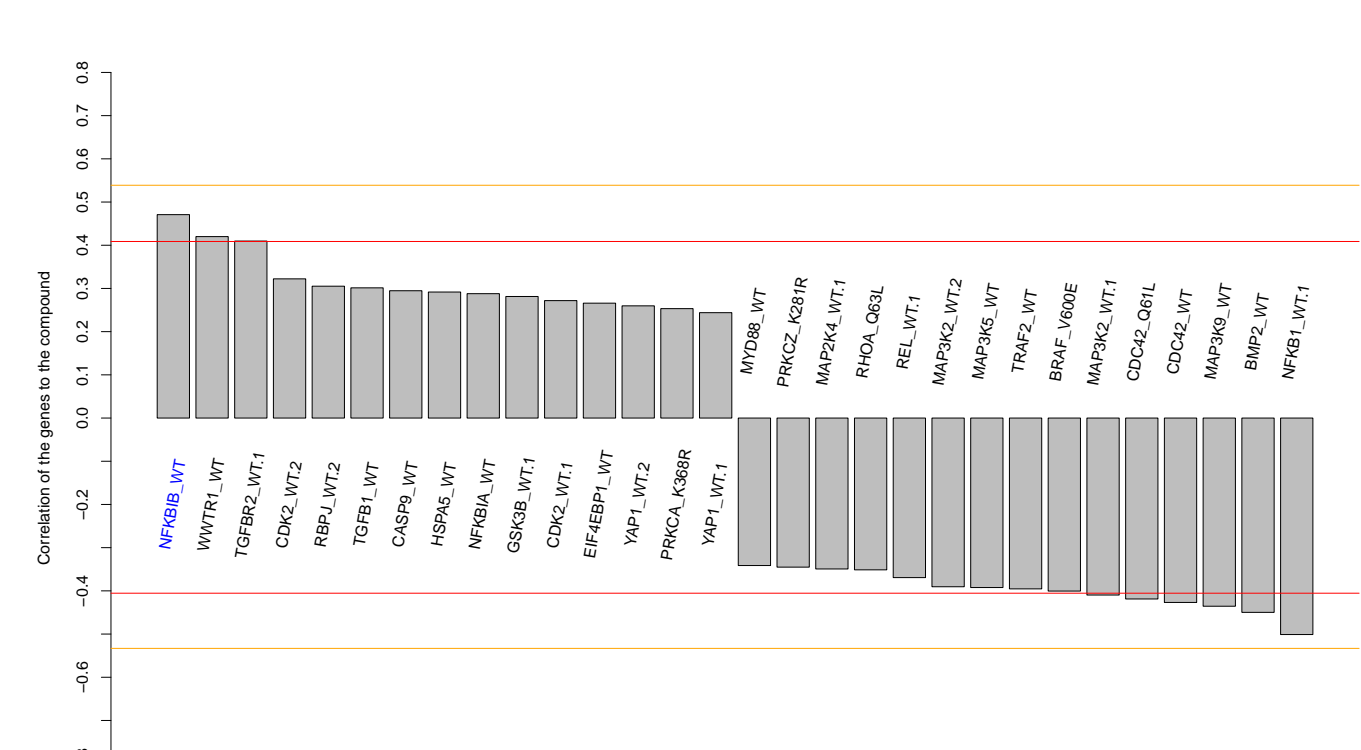
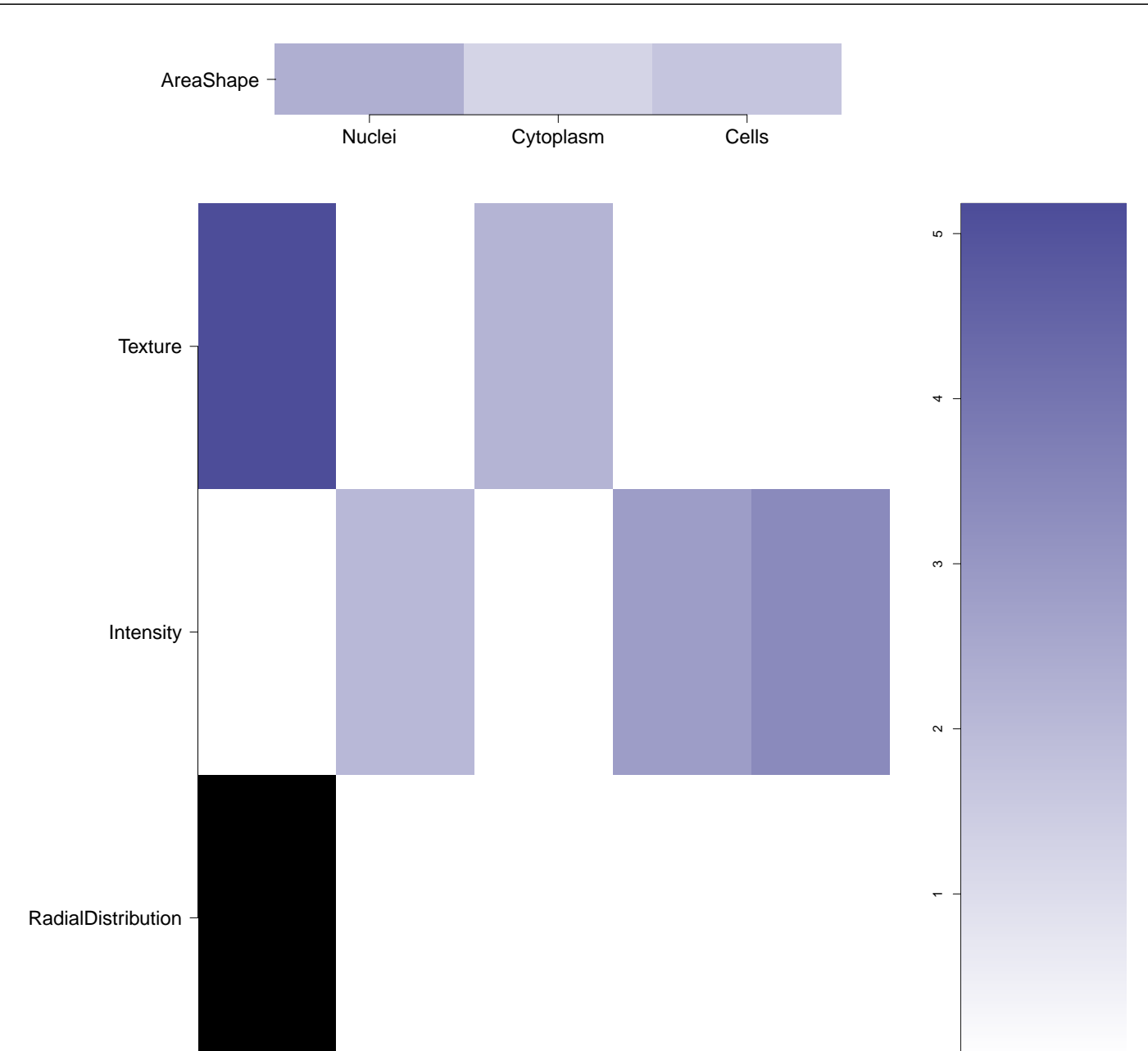
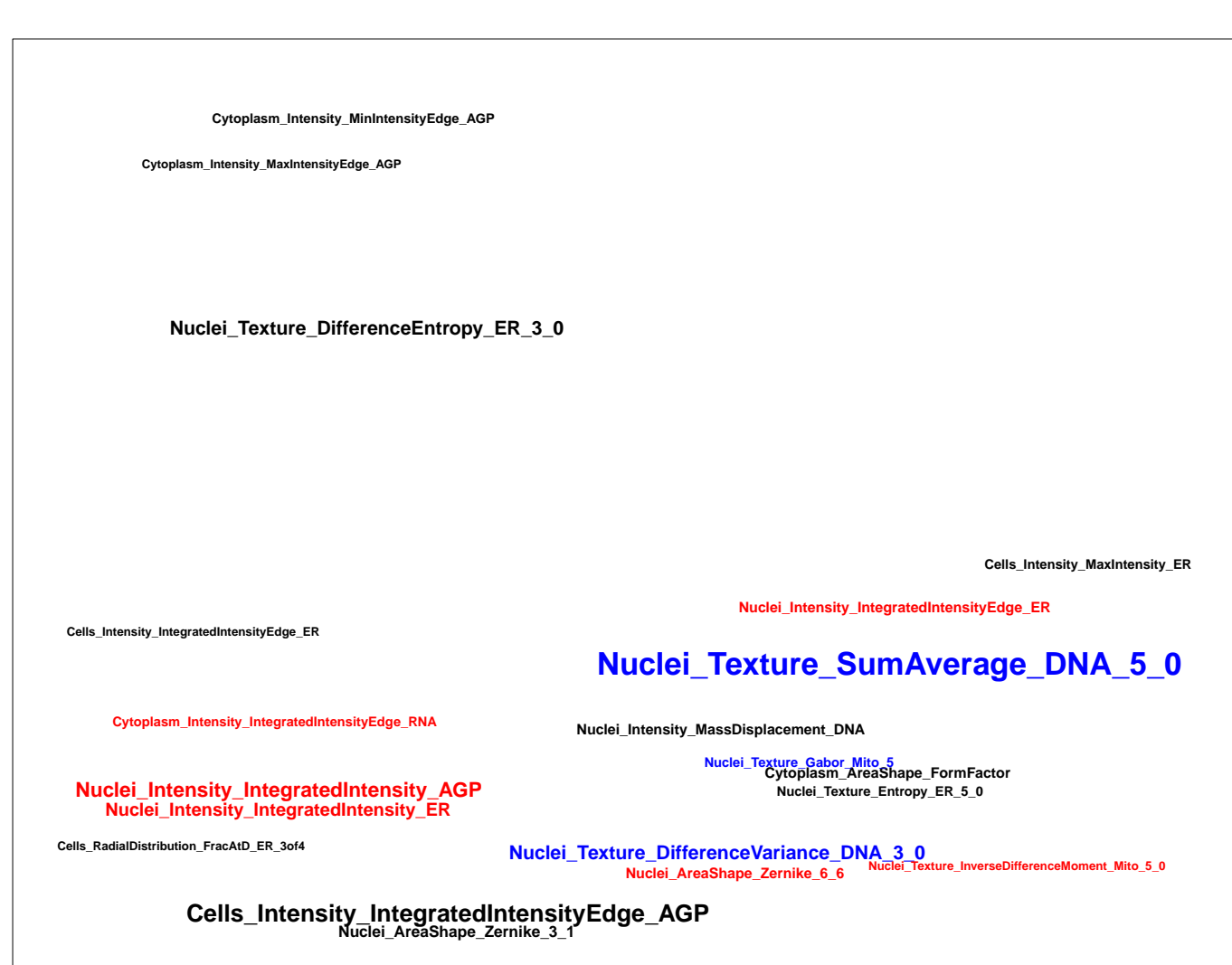
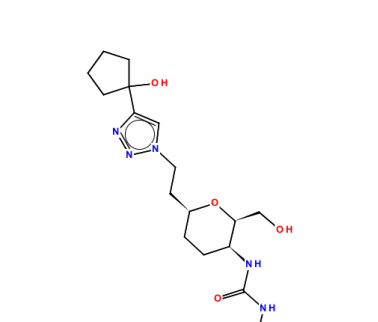
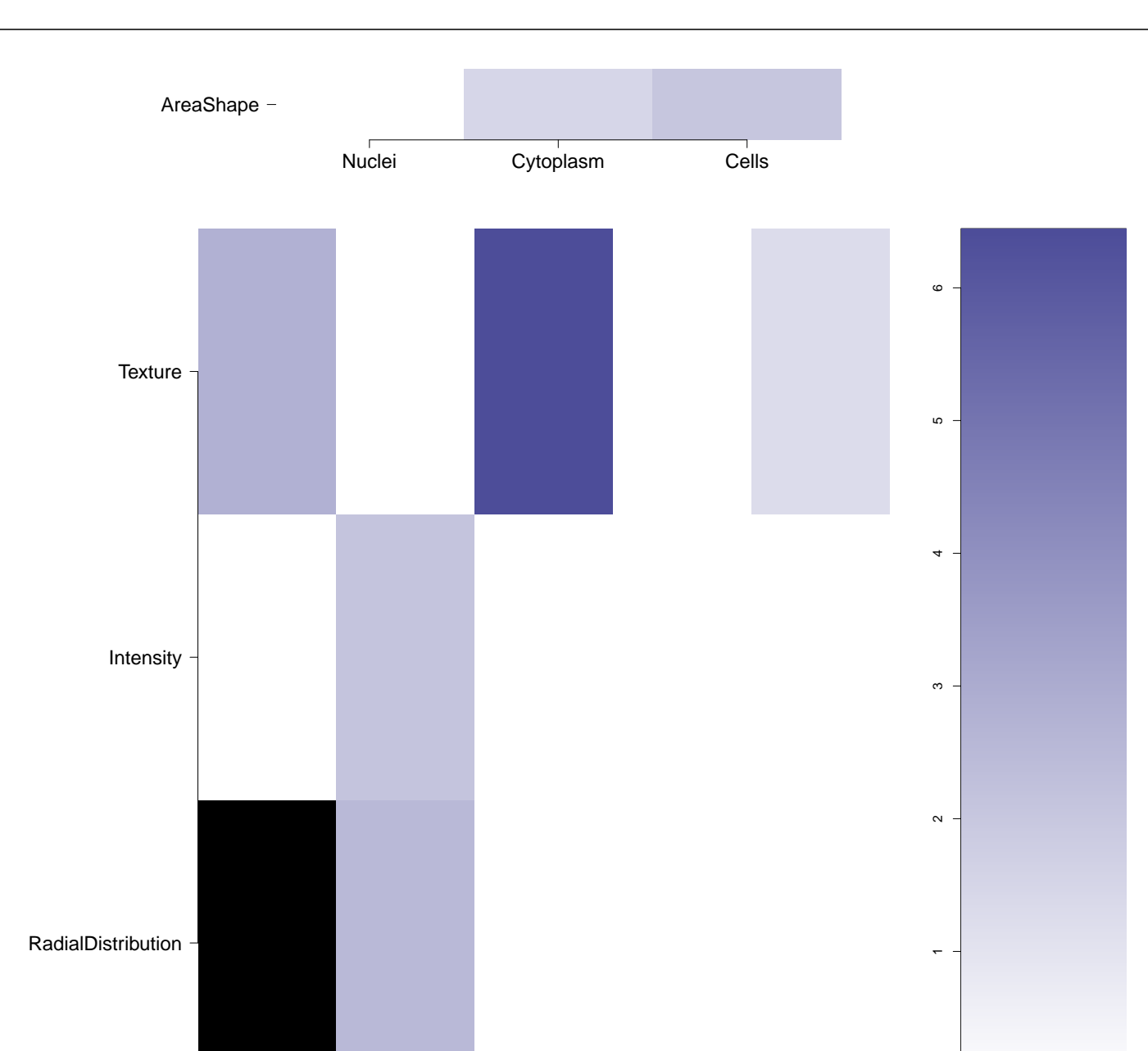
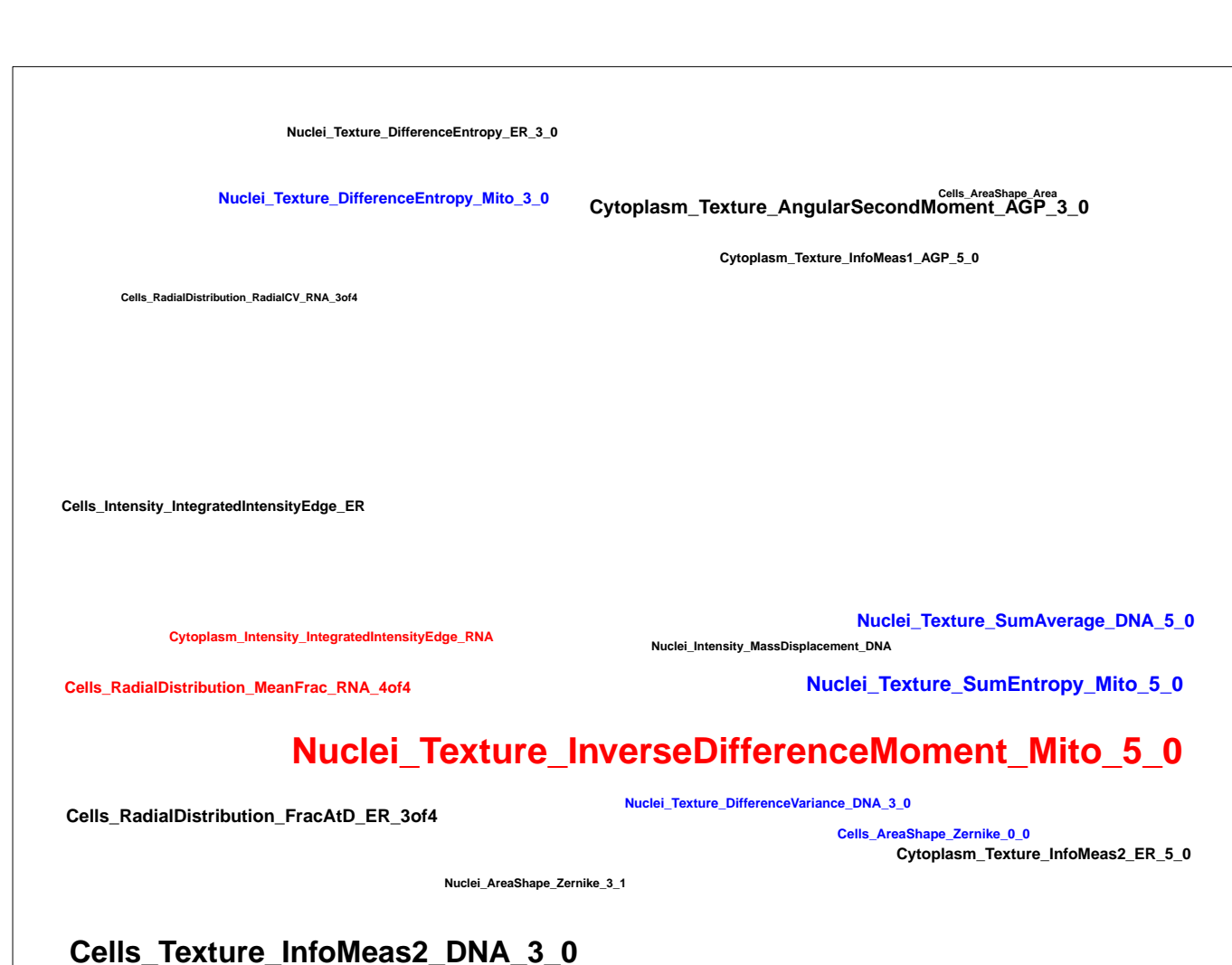
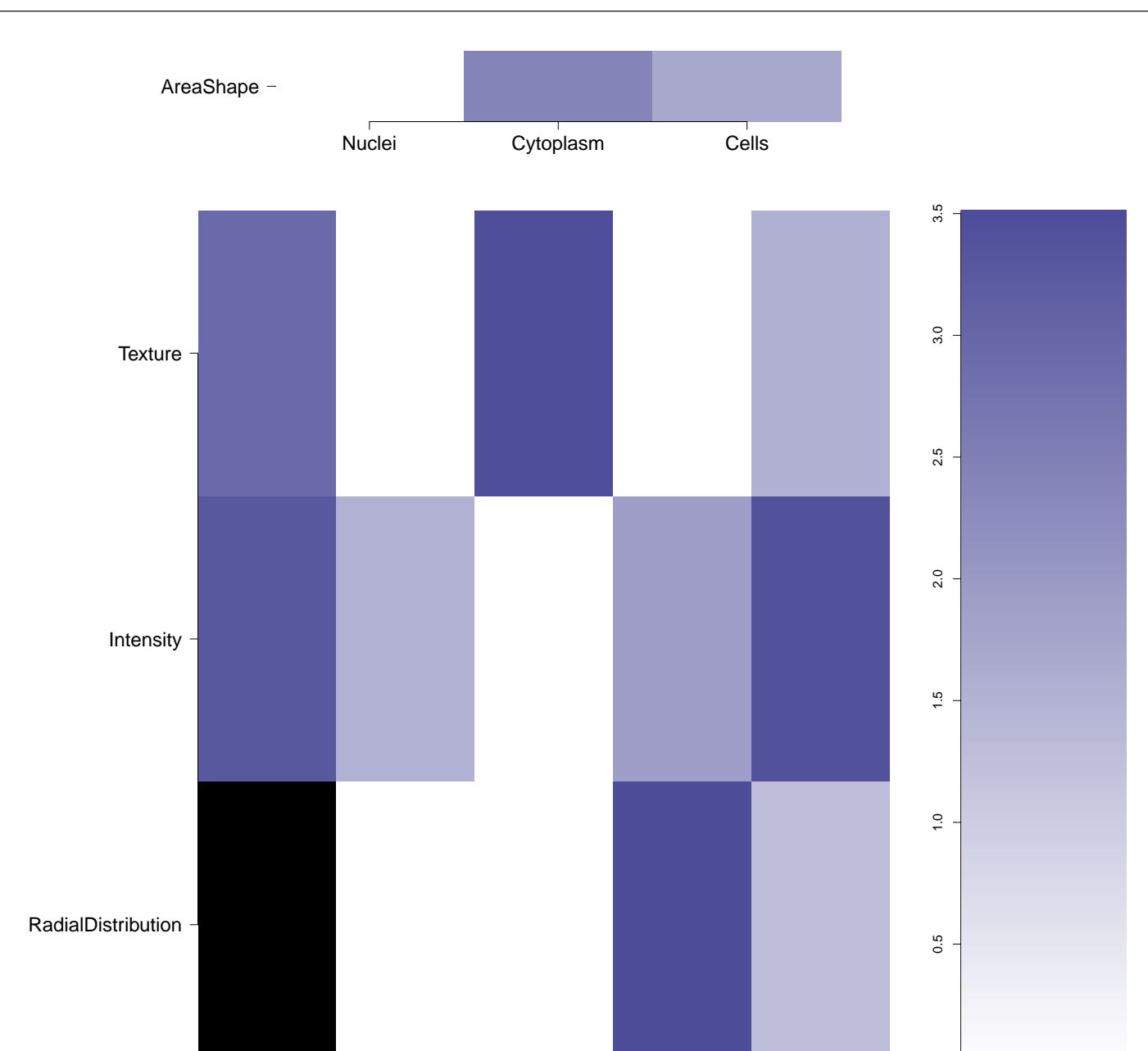

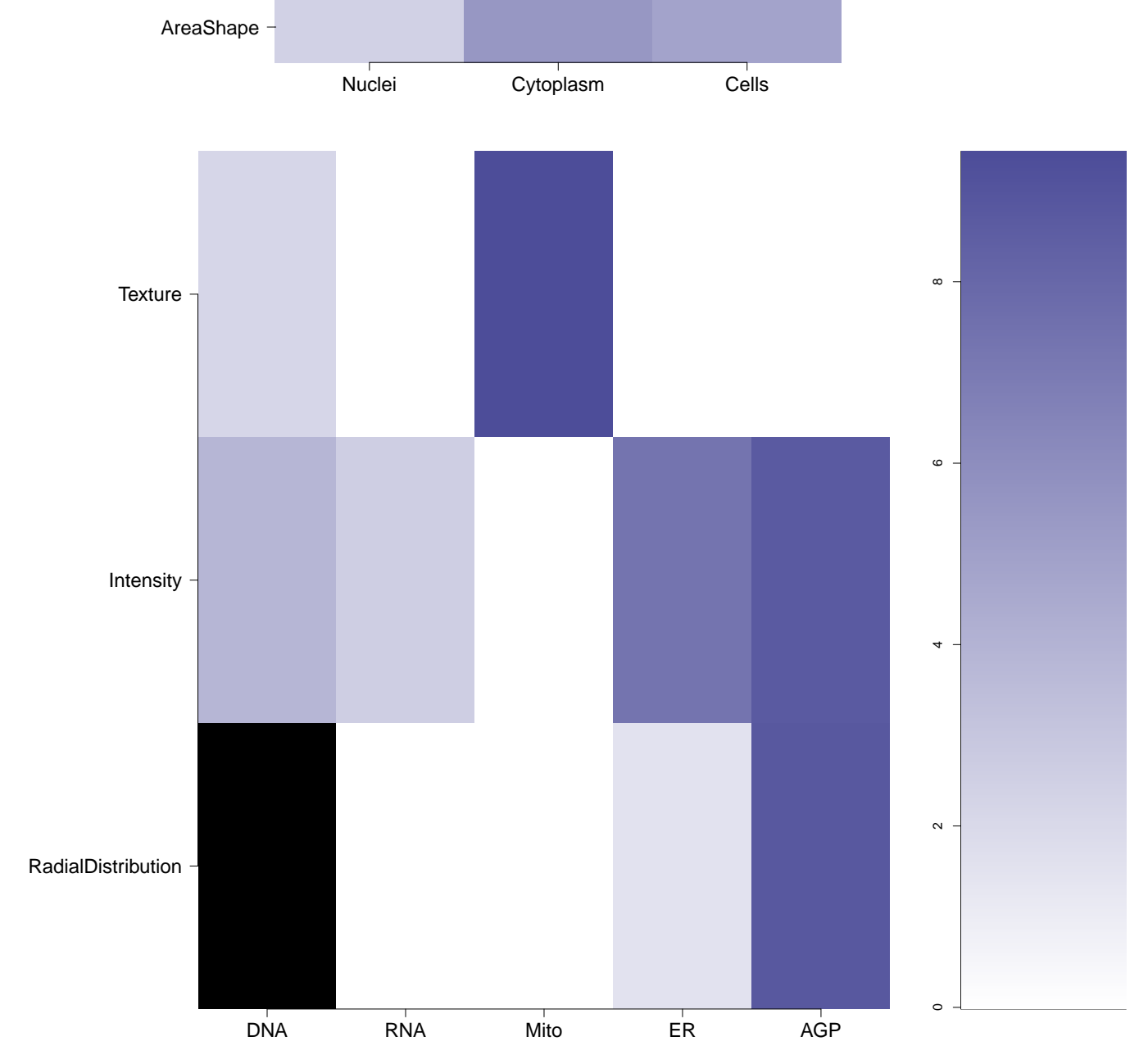


Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52)	Correlation between compound 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-K06237859-001-01-7 PubChem CID : 44496596		0.55 (in 3 replicates)	0.47	0.018				Total number of assays tested in: 54. Active in the following assays: <ul style="list-style-type: none"> <li>Fluorescence Cell-Based Primary HTS To Identify Reactive Oxygen Species Inducers in Cancer Cells Measured in Cell-Based System Using Plate Reader and Imaging Combination - 2044-01 Activator.SinglePoint.HTS Activity (AID 624156)</li> <li>HTS for the detection of C. neoformans cell lysis via adenylate kinase (AK) release Measured in Microorganism System Using Plate Reader - 2162-01 Inhibitor.SinglePoint.HTS Activity (AID 651654)</li> <li>Plasmodium falciparum Dd2 Sybr green parasite growth Measured in Cell-Based and Microorganism Combination System Using Plate Reader (AID 1159554)</li> </ul>
BRD-K18713590-001-01-7 PubChem CID : 54646201		0.88 (in 4 replicates)	0.47	0.300				Total number of assays tested in: 37.
BRD-K51201721-001-01-3 PubChem CID : 54646146		0.84 (in 4 replicates)	0.47	0.325				Total number of assays tested in: 37.
BRD-K24992635-001-01-6 PubChem CID : 54646413		0.78 (in 4 replicates)	0.47	0.586				Total number of assays tested in: 38.
BRD-K48818351-001-01-7 PubChem CID : 54641364		NA (in 1 replicates)	0.47	NA				Total number of assays tested in: 37.
BRD-K47728674-001-01-9 PubChem CID : 54618833		0.75 (in 3 replicates)	-0.50	0.191				Total number of assays tested in: 36.
BRD-K67832115-001-01-1 PubChem CID : 54619033		0.87 (in 4 replicates)	-0.44	0.319				Total number of assays tested in: 42. Active in the following assays: <ul style="list-style-type: none"> <li>Identification of Small Molecule Correctors of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) DeltaF508 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>

Total number of assays tested in: 42.  
Active in the following assays:

- Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01 Inhibitor.SinglePoint.HTS.Activity (AID 624255)
- NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based System Using Plate Reader - 2138-02 Inhibitor.SinglePoint.CherryPick.Activity.S (AID 651744)

Total number of assays tested in: 39.