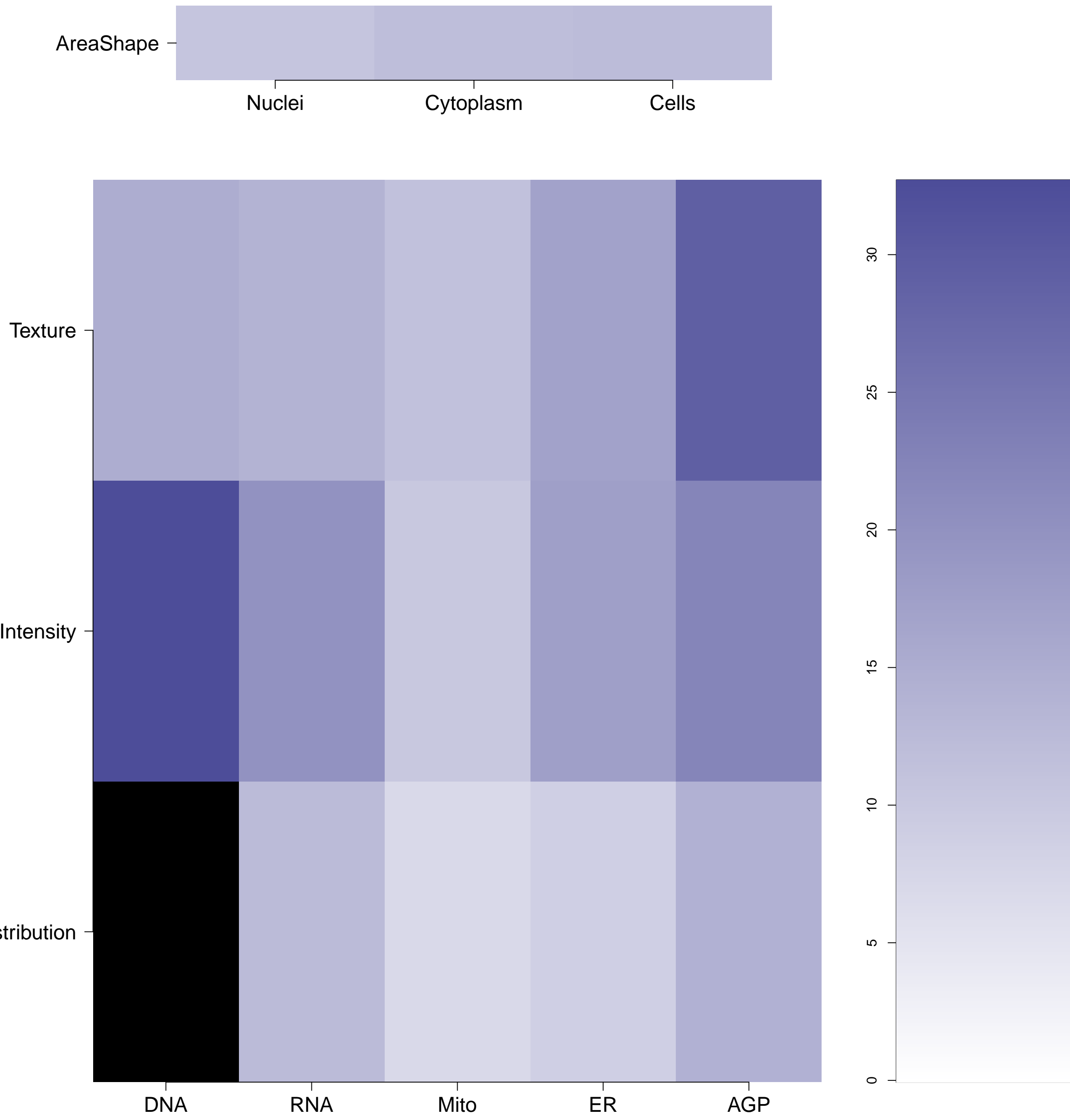


What groups of morphological features are distinguishing in the cluster relative to the untreated samples?  
(maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in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

JUN.WT.2 (41744)

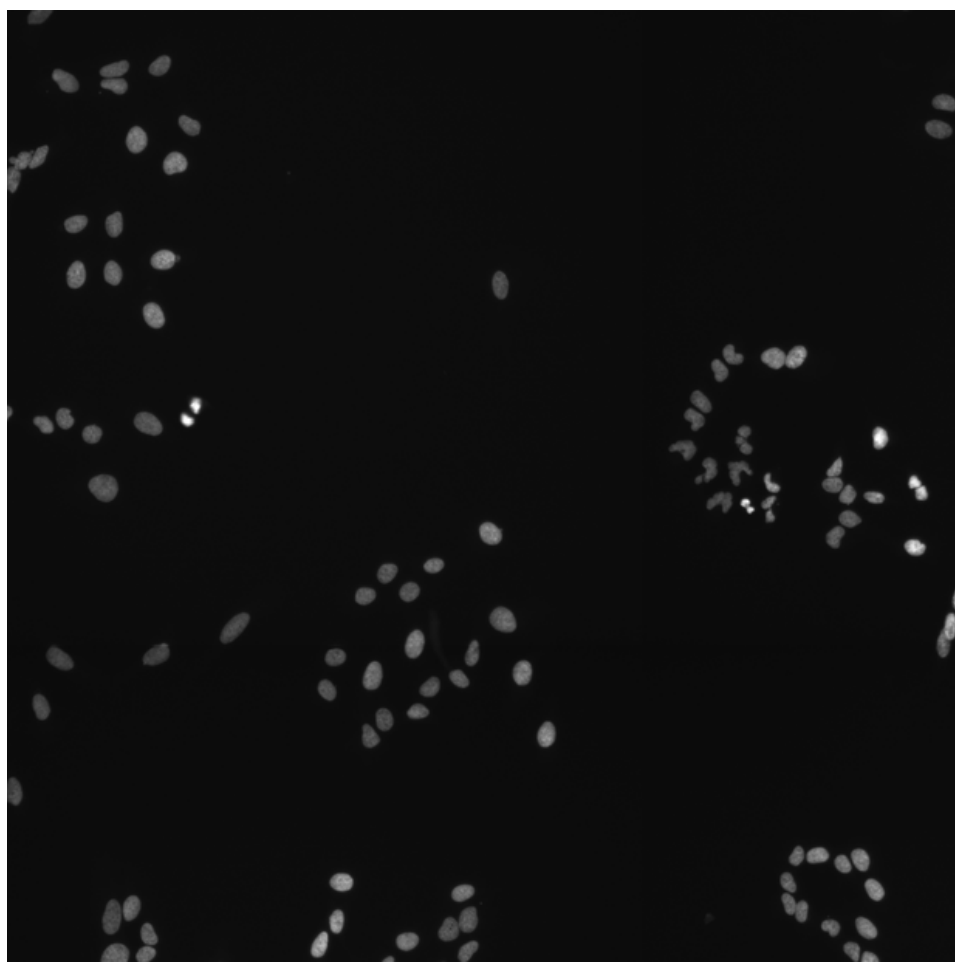
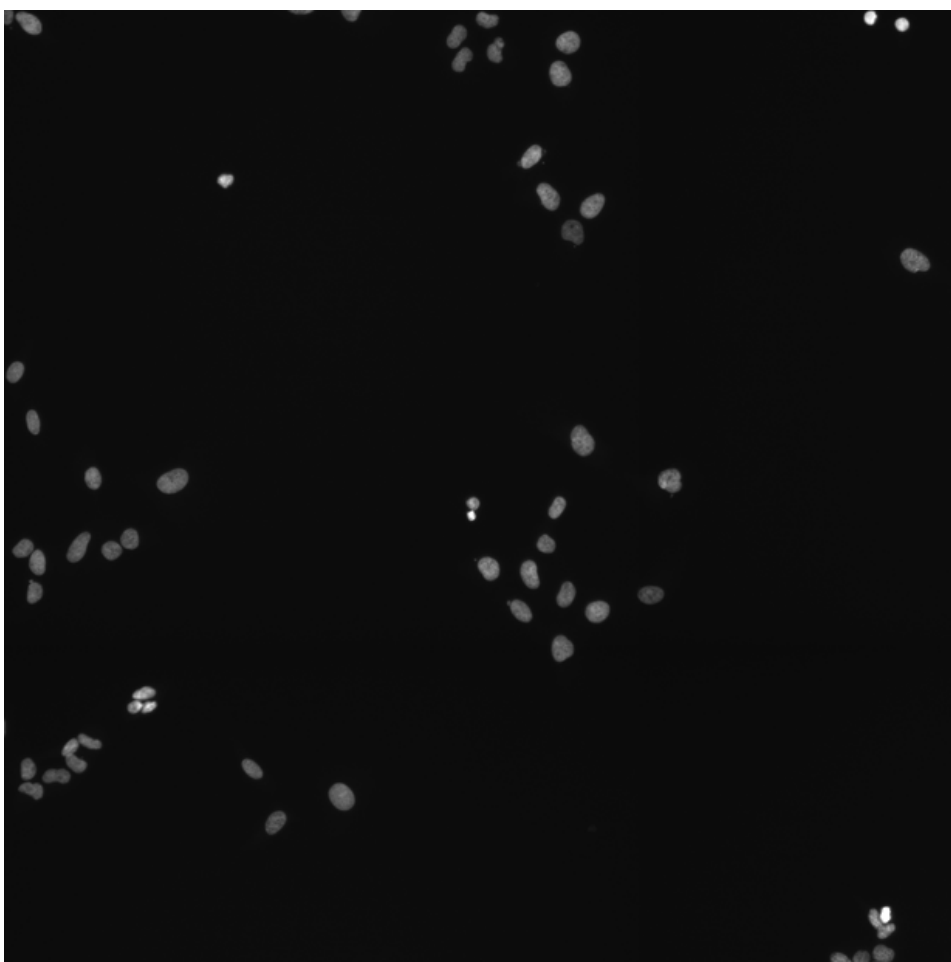
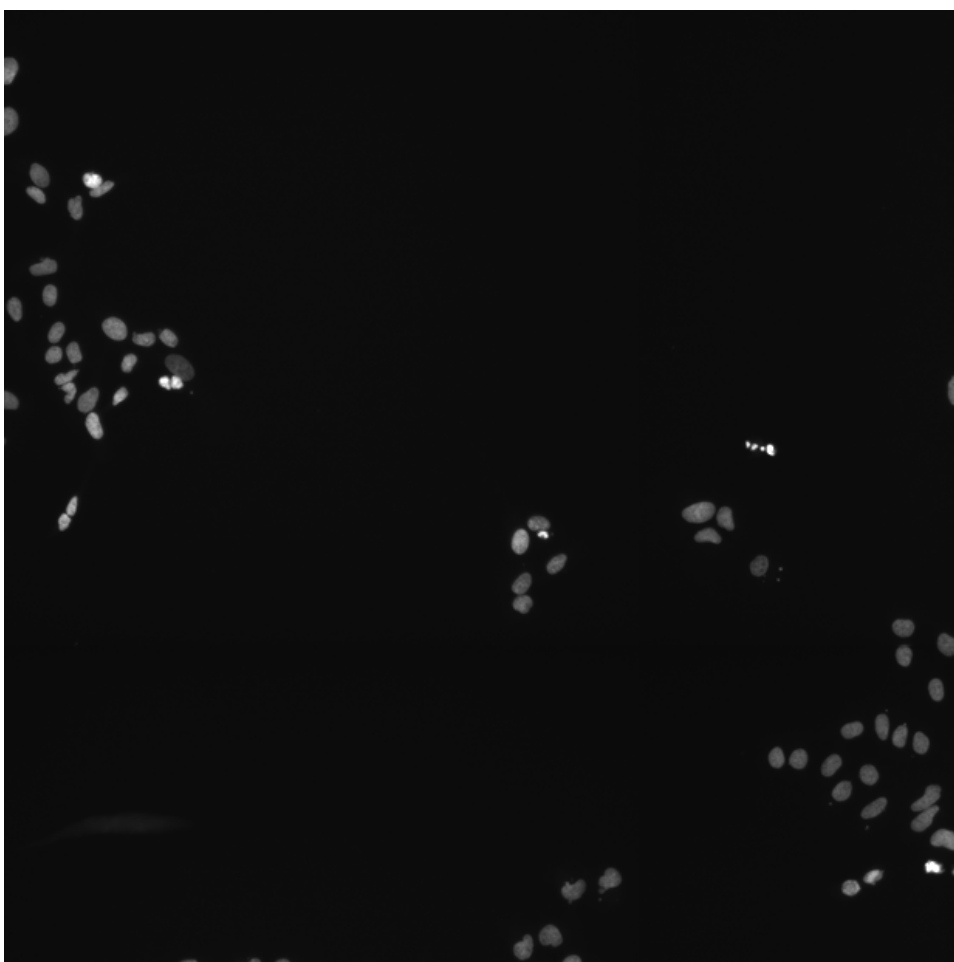
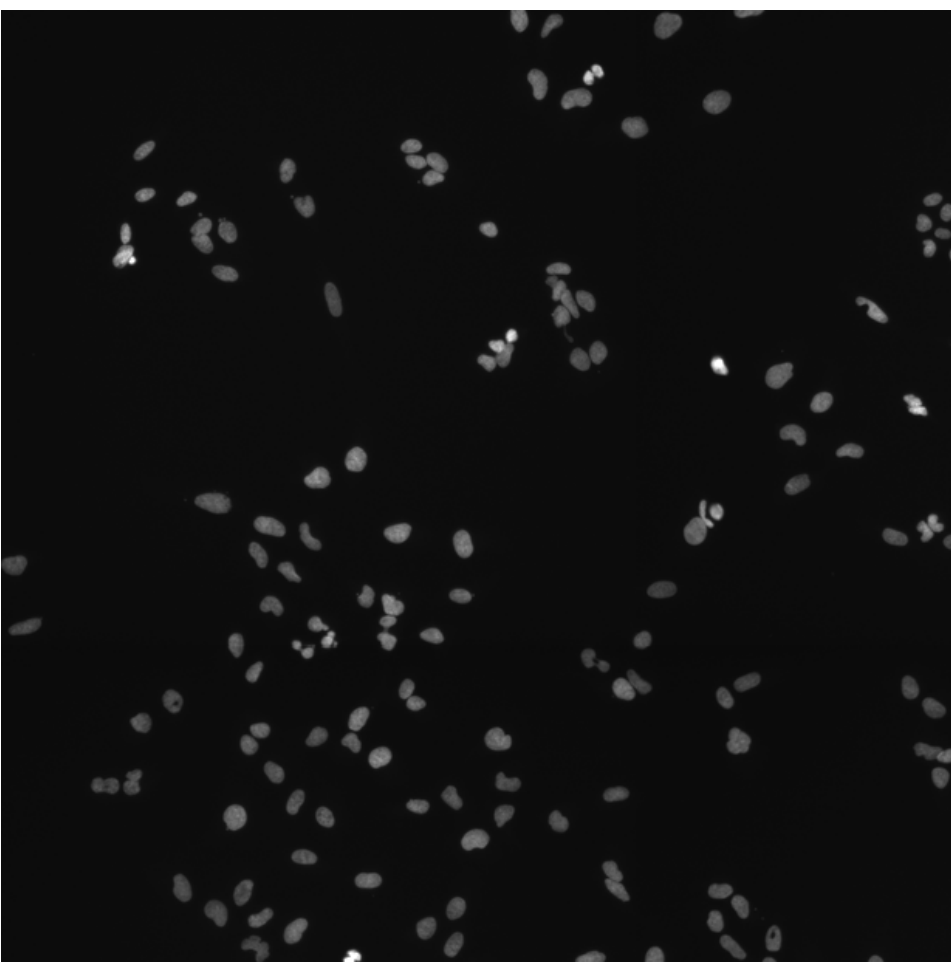
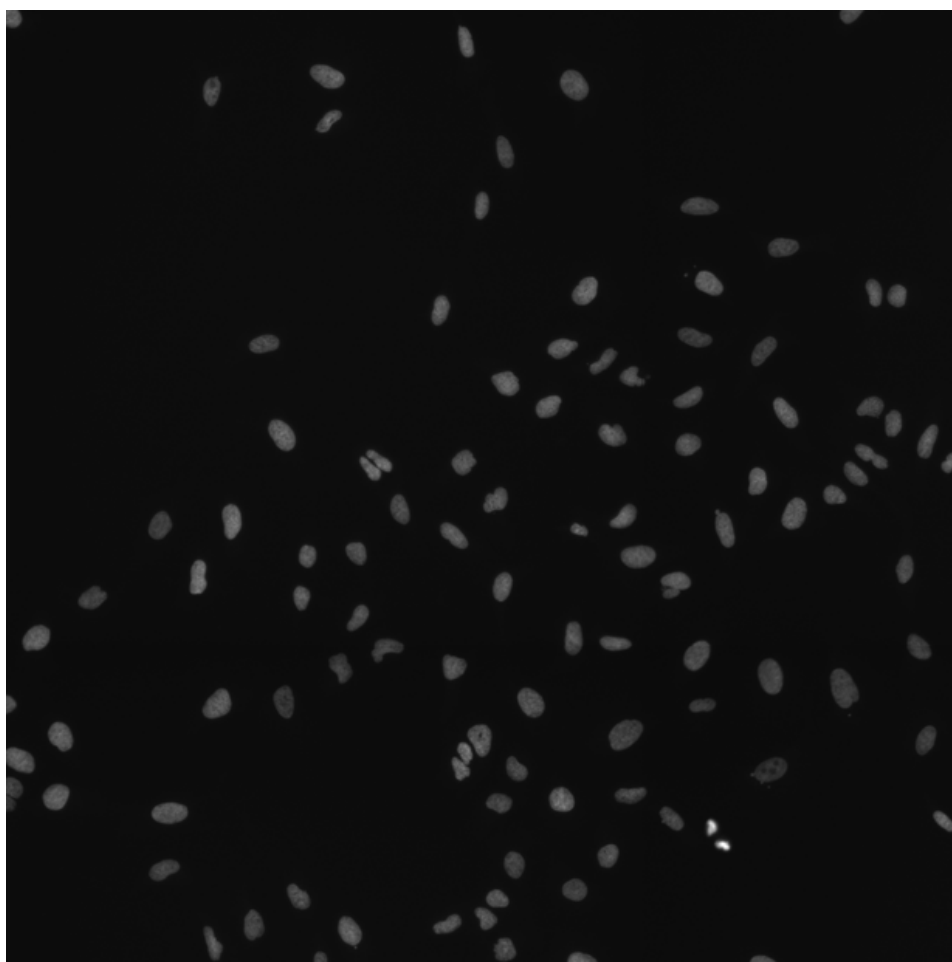
JUN.WT.2 (41755)

JUN.WT.2 (41756)

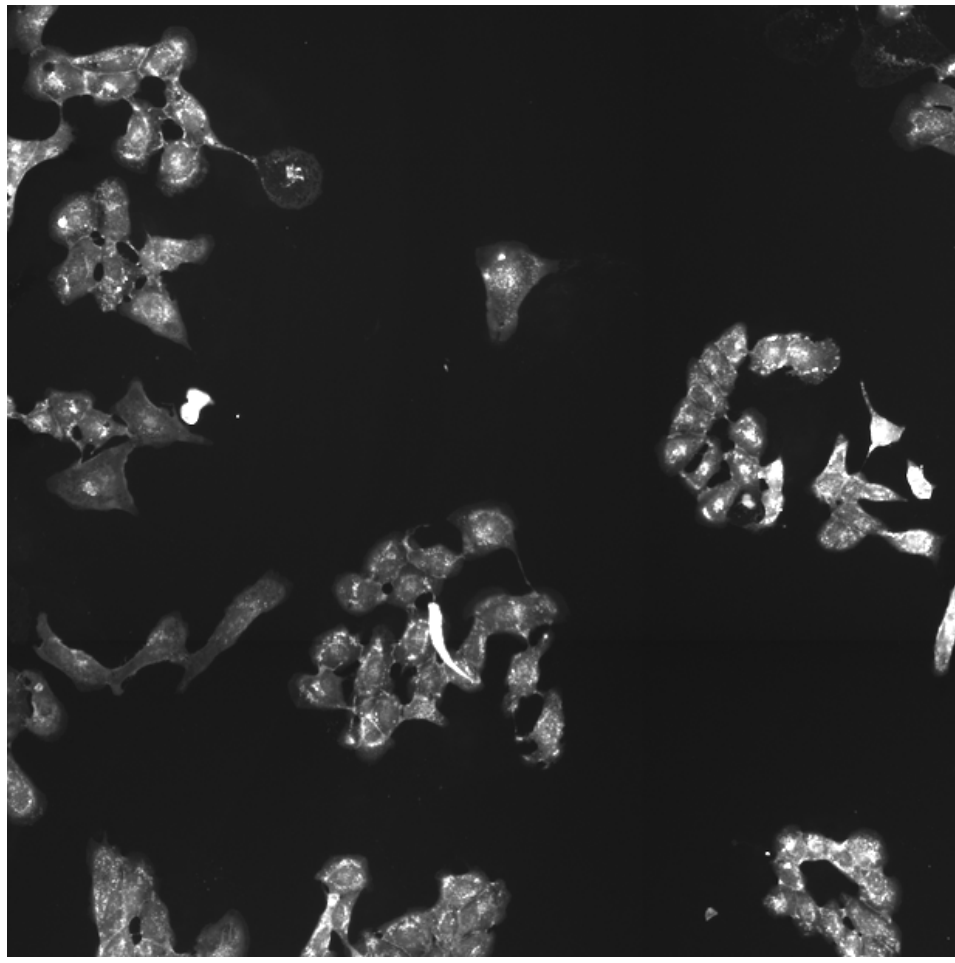
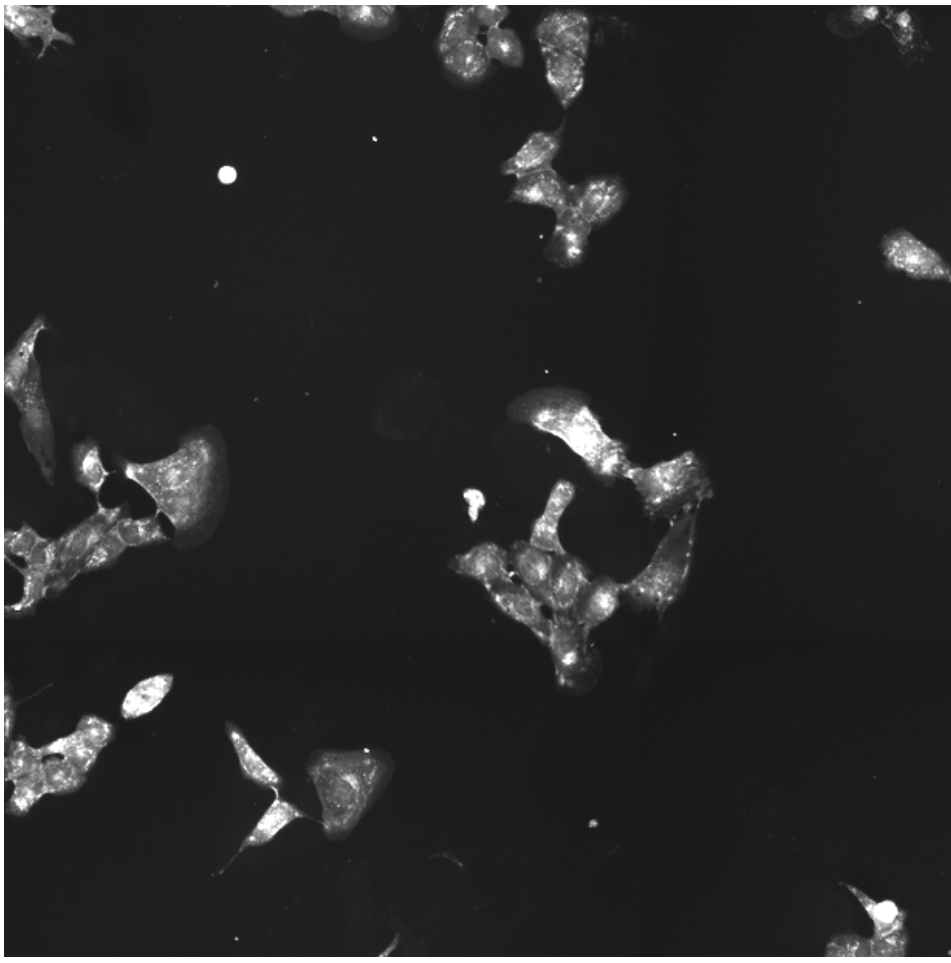
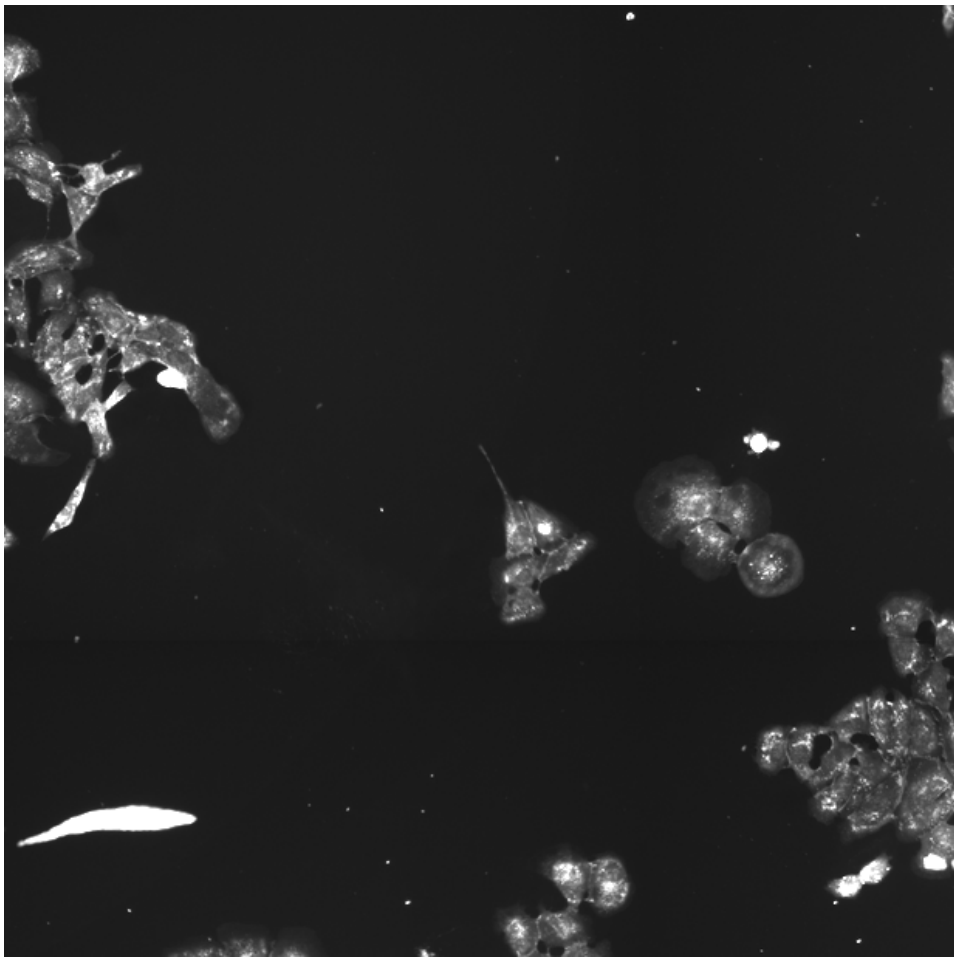
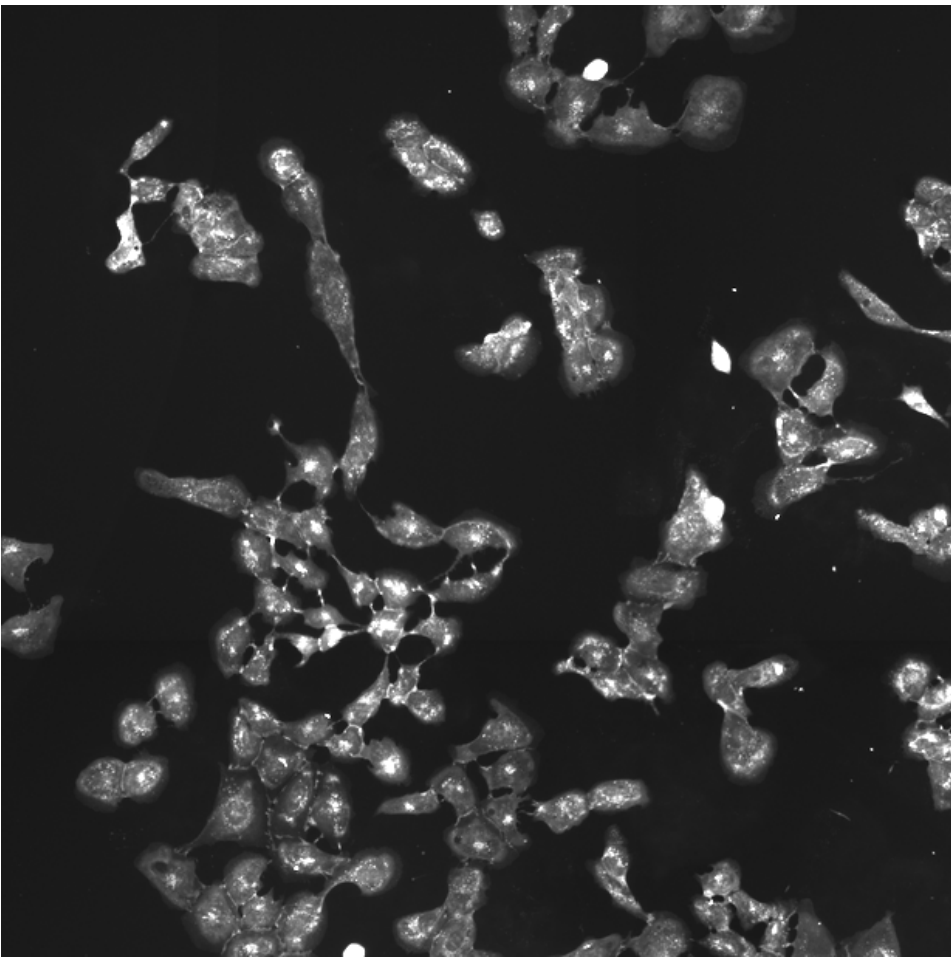
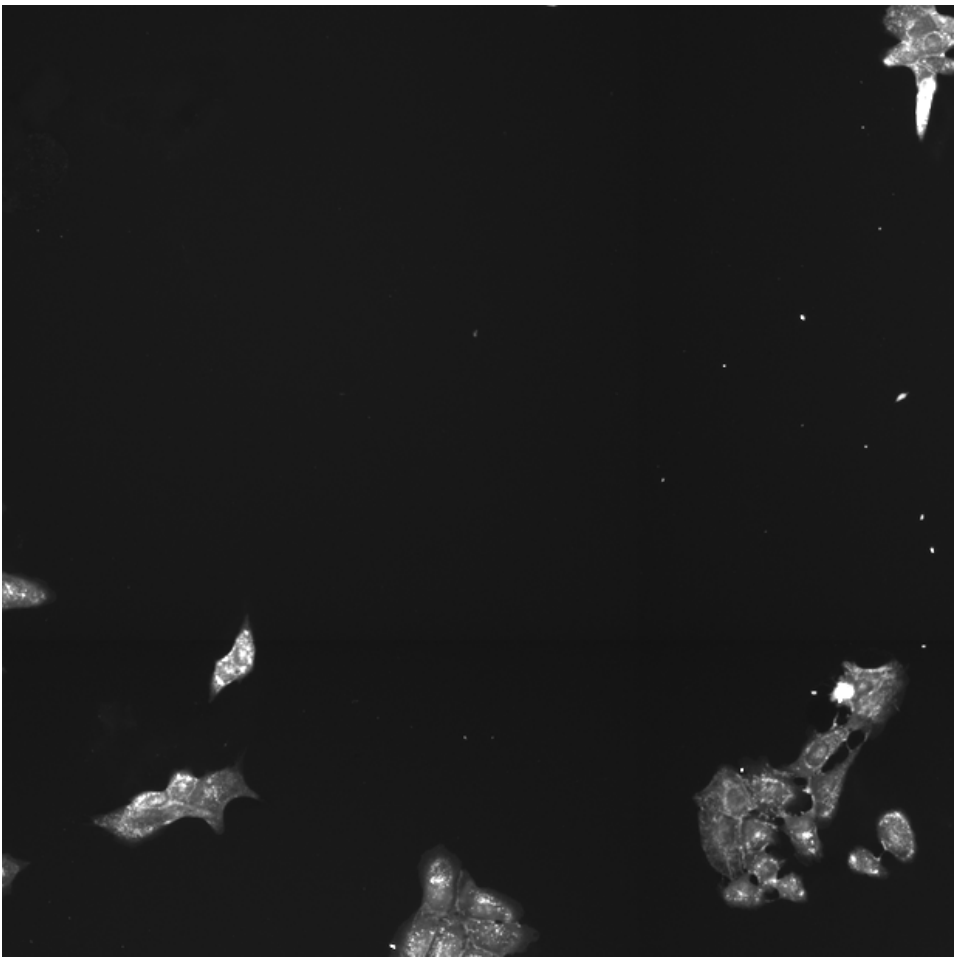
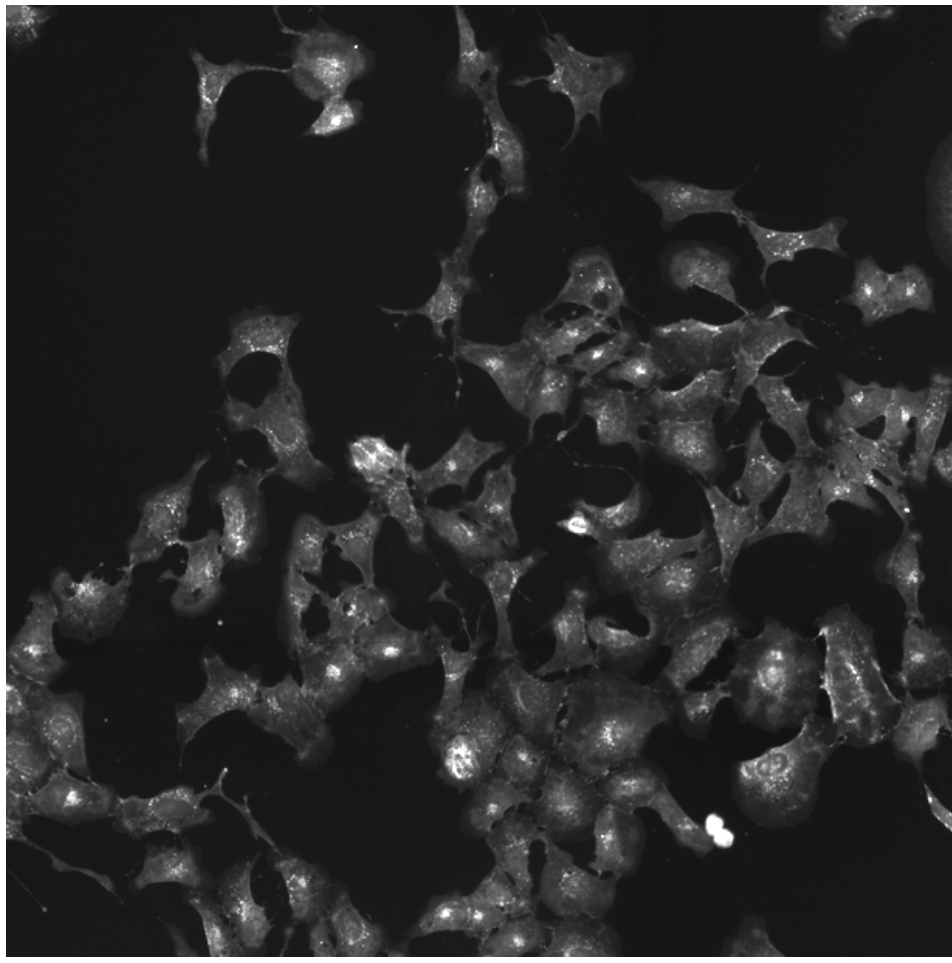
JUN.WT.2 (41757)

JUN.WT.2 (41754)

DNA



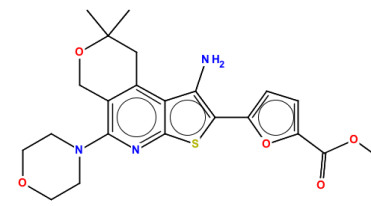
AGP



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 0.53)	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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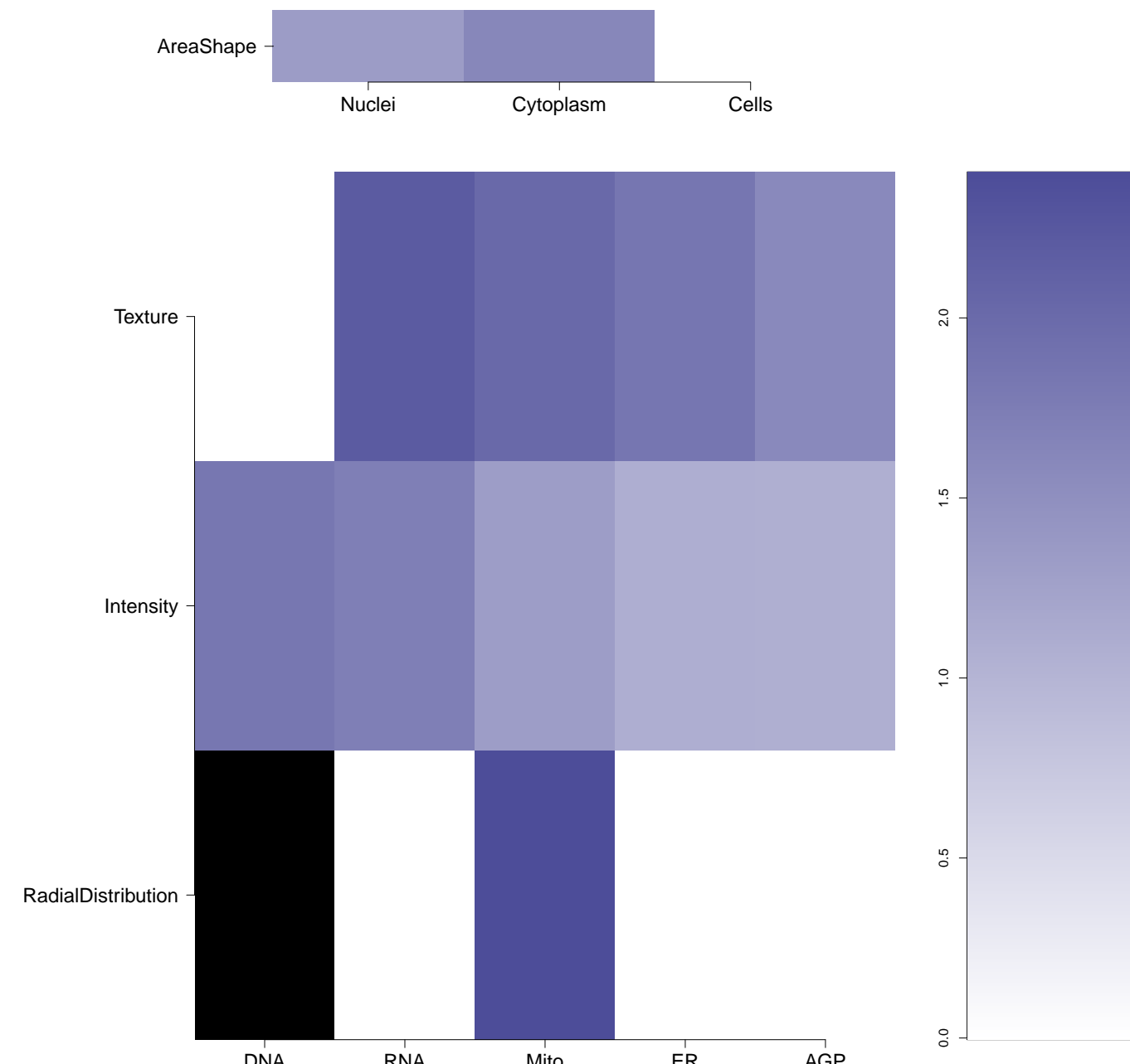
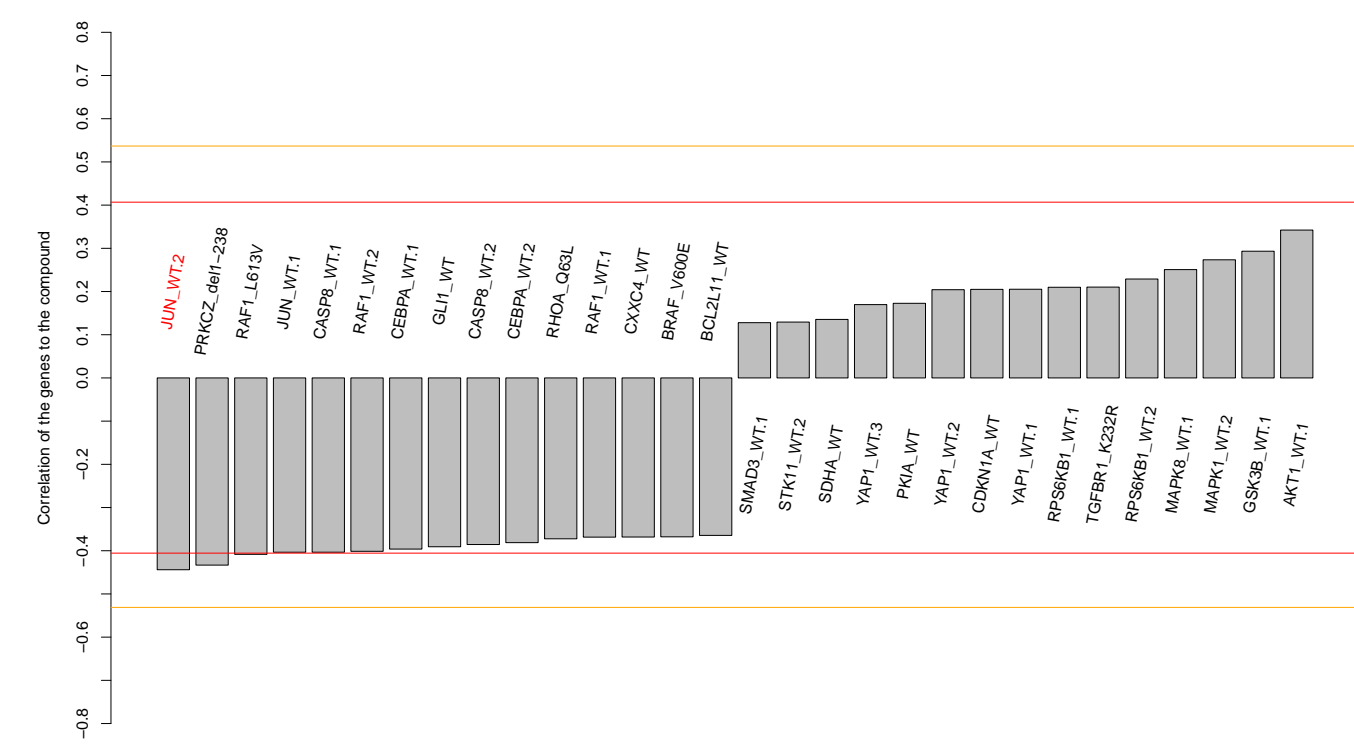
BRD-K87569241-001-06-1  
STK082599  
SMR000039064  
AC1LCXYX  
MLS000069178  
MLS001306371  
HMS595M14  
ZINC4339009  
ST51026034  
PubChem CID : 658086



NA (in 1 replicates)

-0.44

NA



- Total number of assays tested in: 733. Active in the following assays:
- Human SK-BR-3 Breast Tumor Cell Growth Inhibition In a 24- Hour Assay (AID 847)
  - qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458)
  - Fluorescence Cell-Free Homogeneous Primary HTS to Identify Inhibitors of the RanGTP-Importin-beta complex (AID 2216)
  - HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)
  - qHTS screen for small molecules that inhibit ELG1-dependent DNA repair in human embryonic kidney (HEK293T) cells expressing luciferase-tagged ELG1 (AID 504467)
  - HTS to Find Inhibitors of Pathogenic Pemphigus Antibodies (AID 588358)
  - A quantitative high throughput screen for small molecules that induce DNA re-replication in SW480 colon adenocarcinoma cells. (AID 624297)