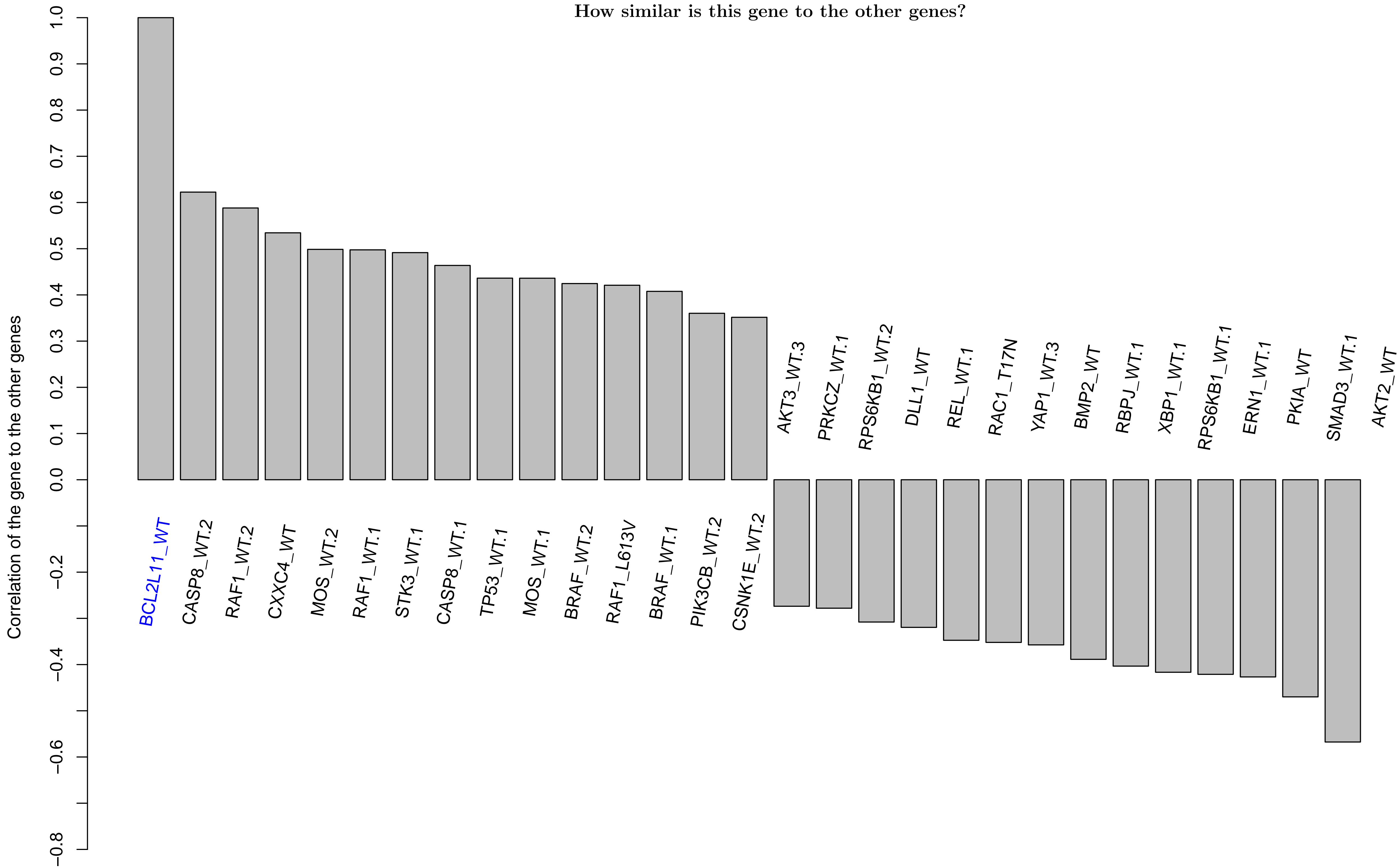
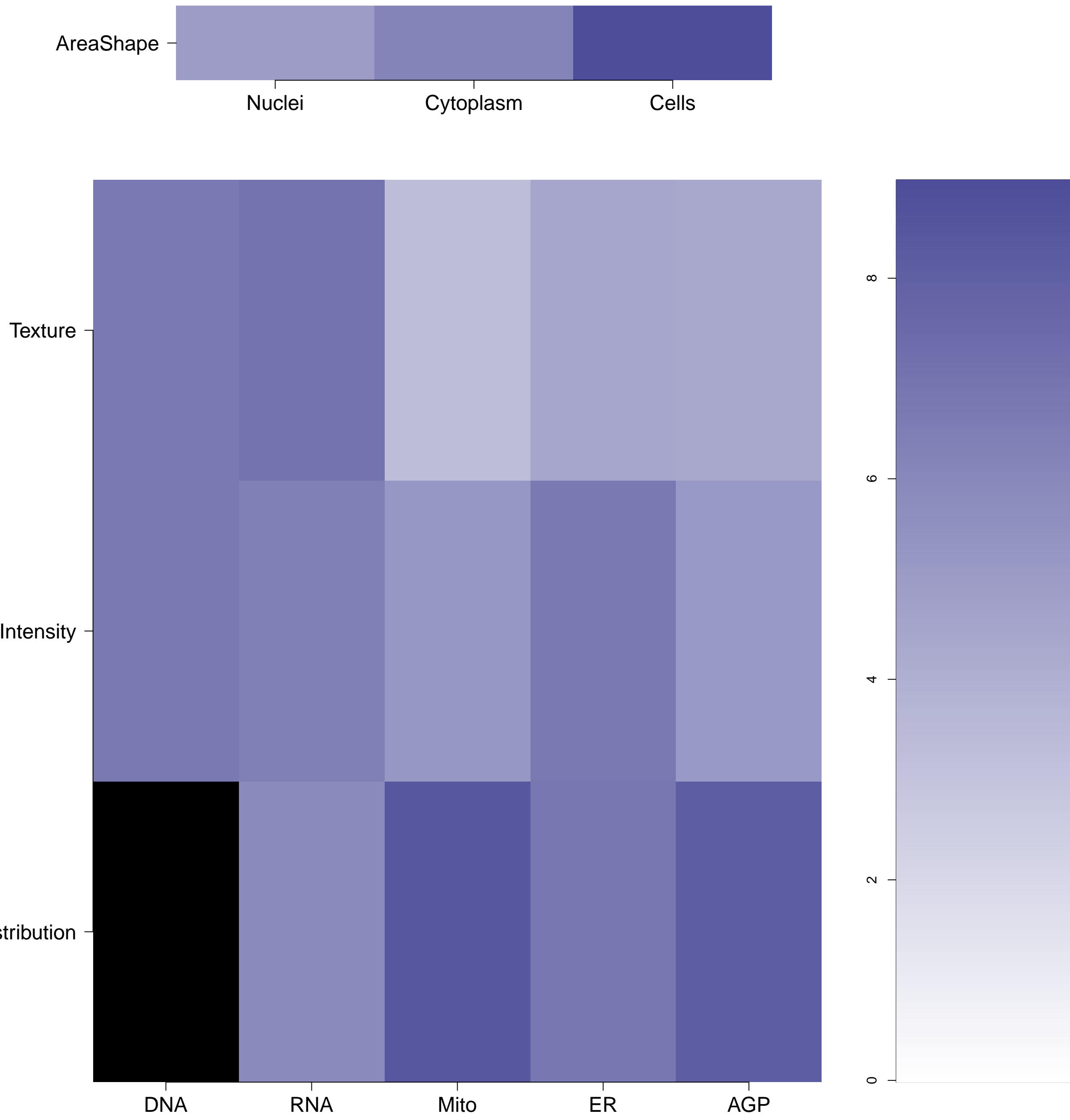


BCL2L11.WT - in Apoptosis

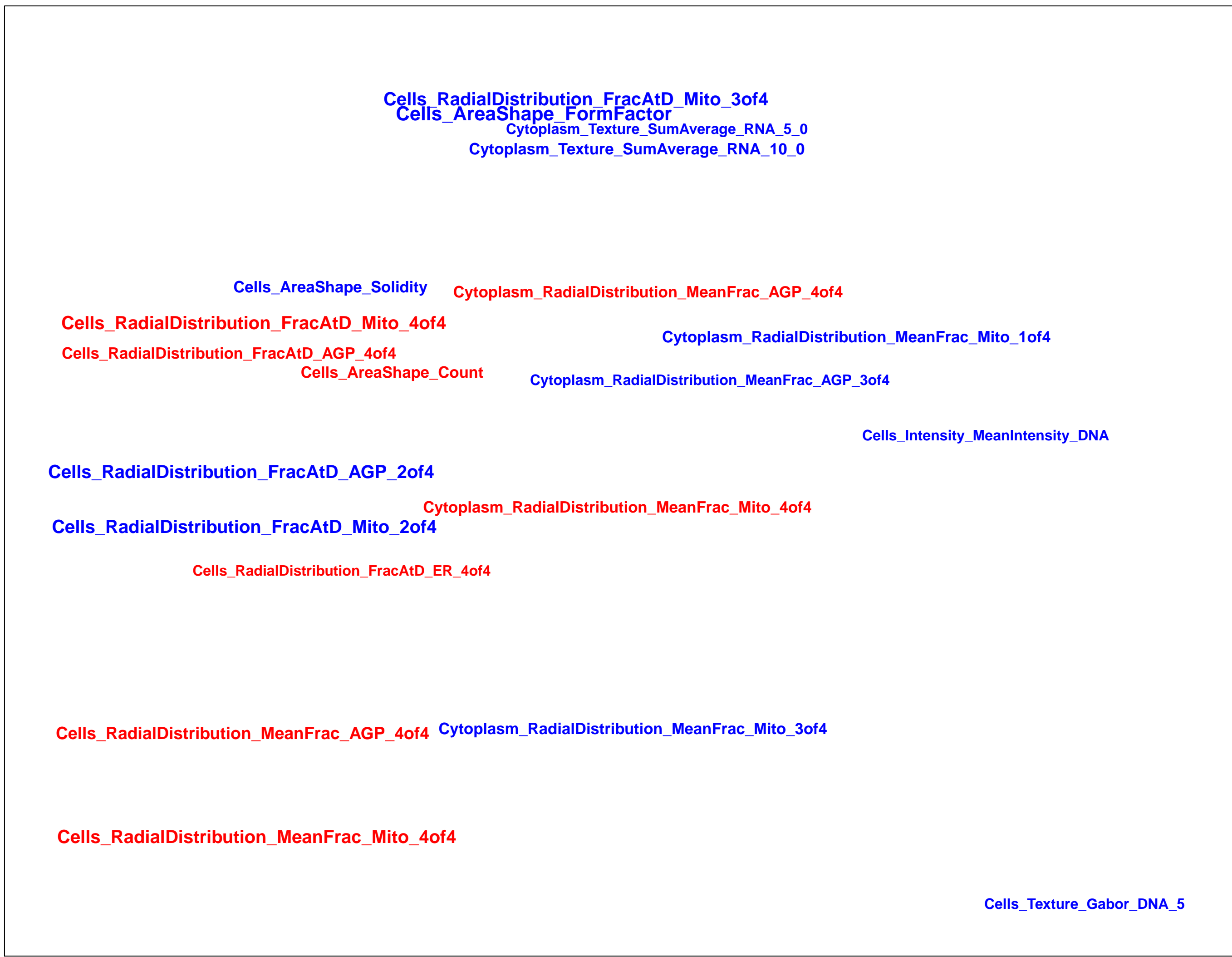
How similar is this gene to the other genes?



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

BCL2L11.WT (41744)

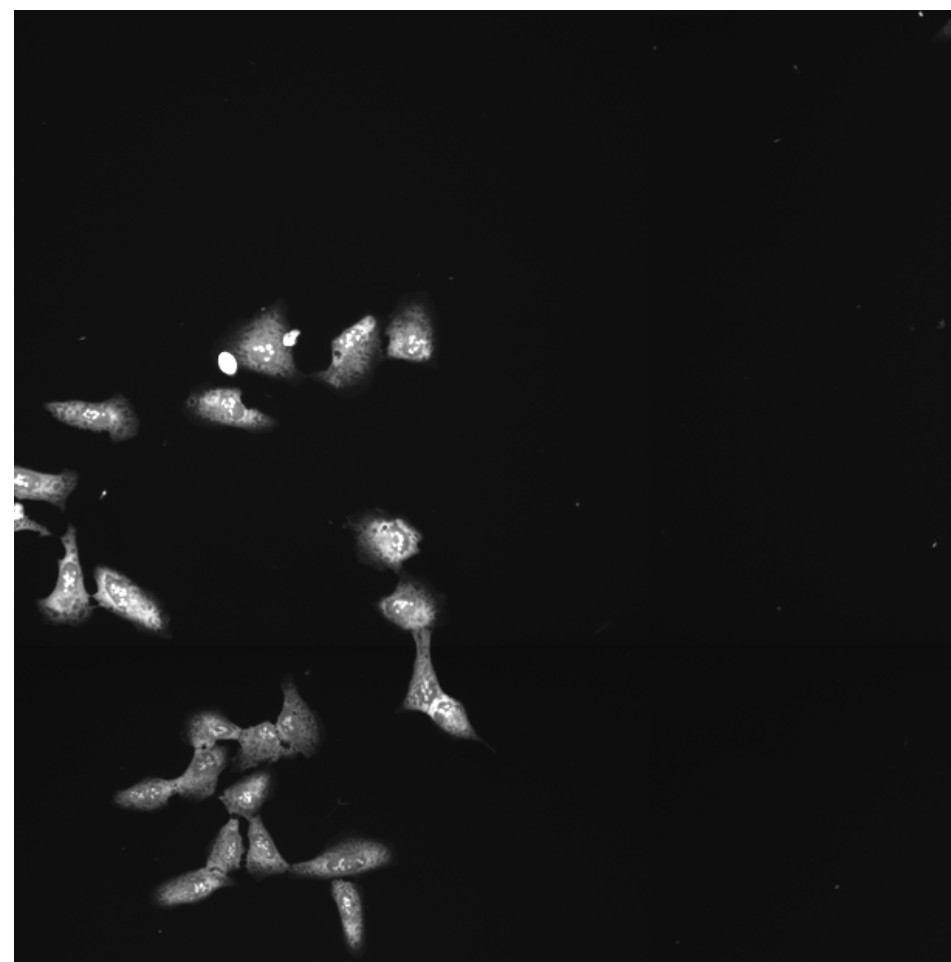
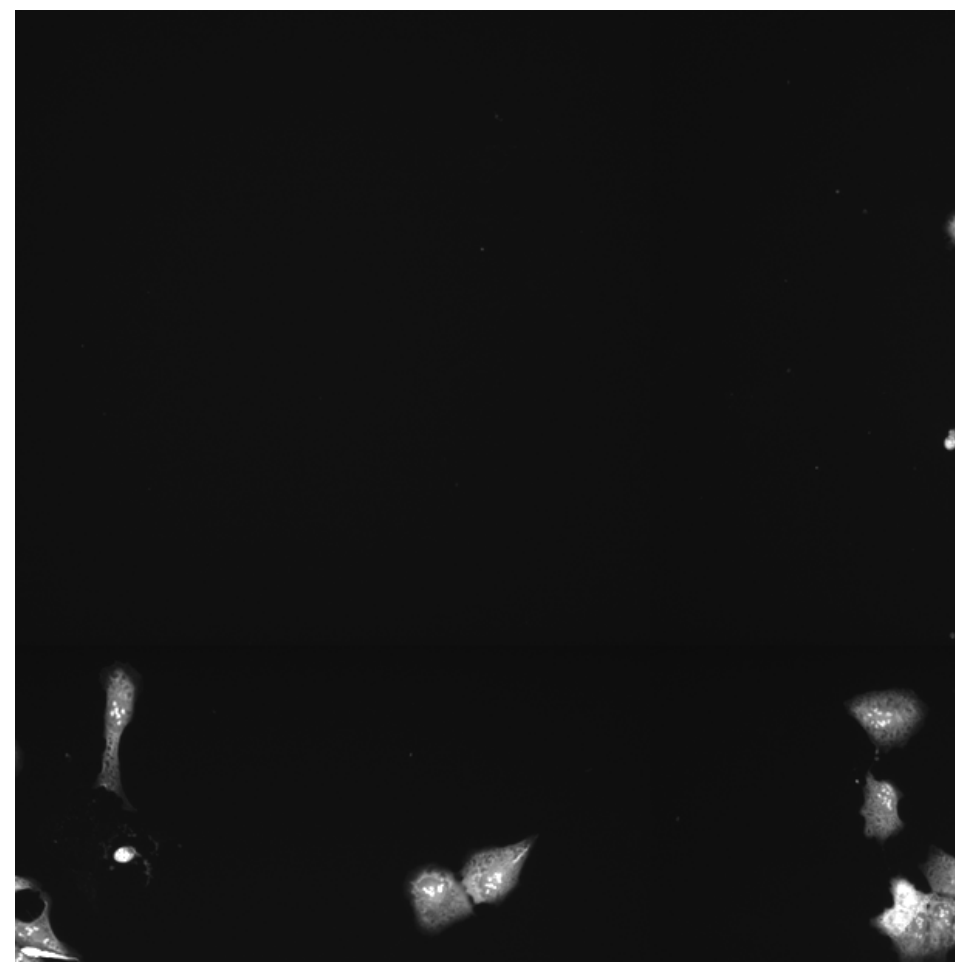
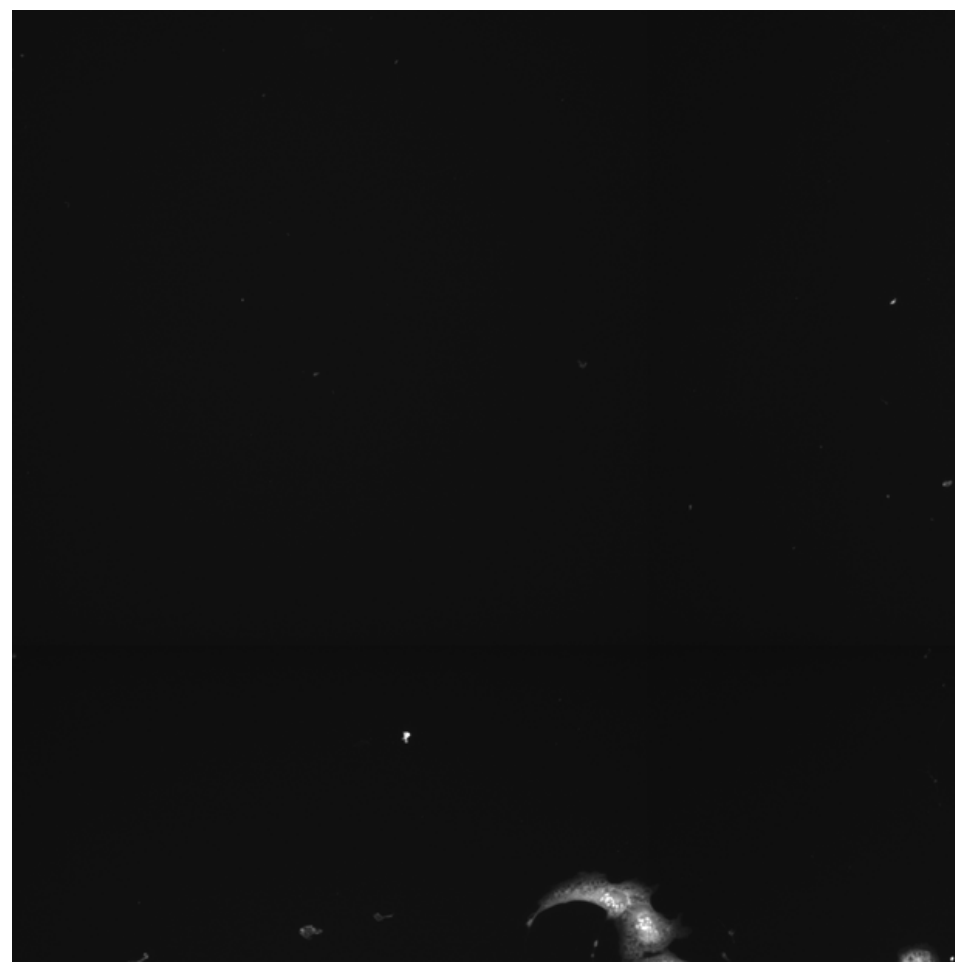
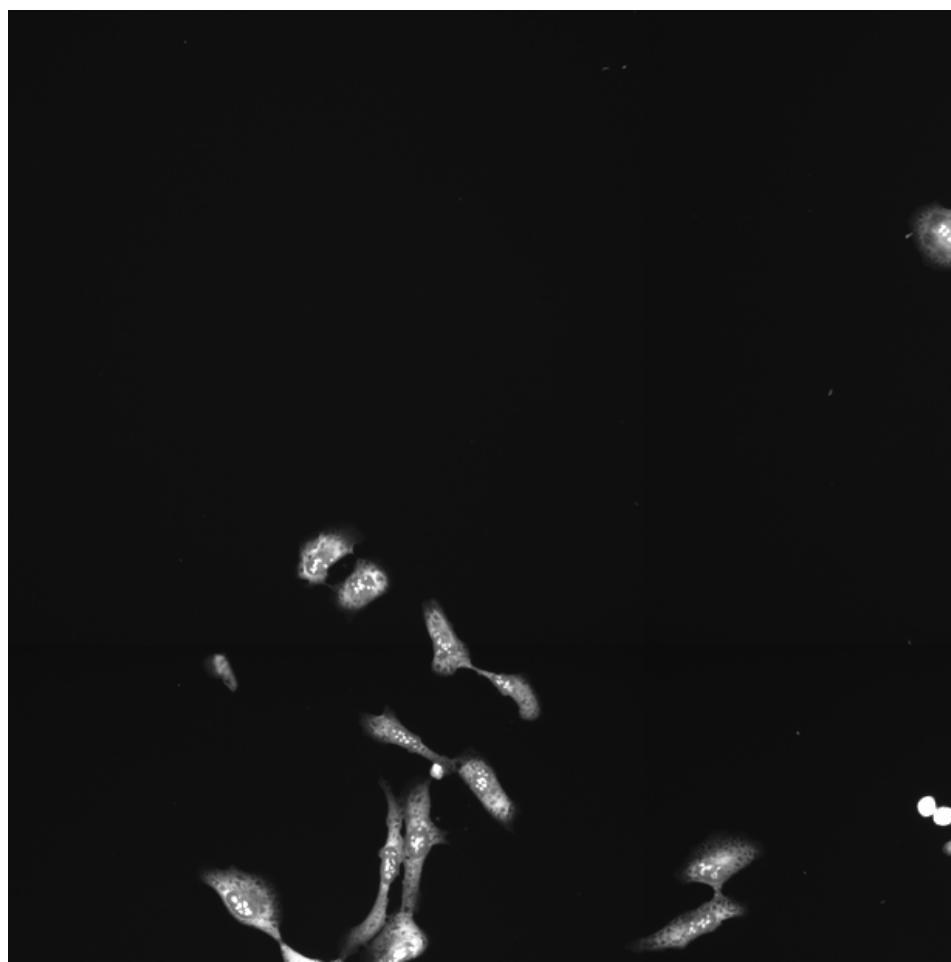
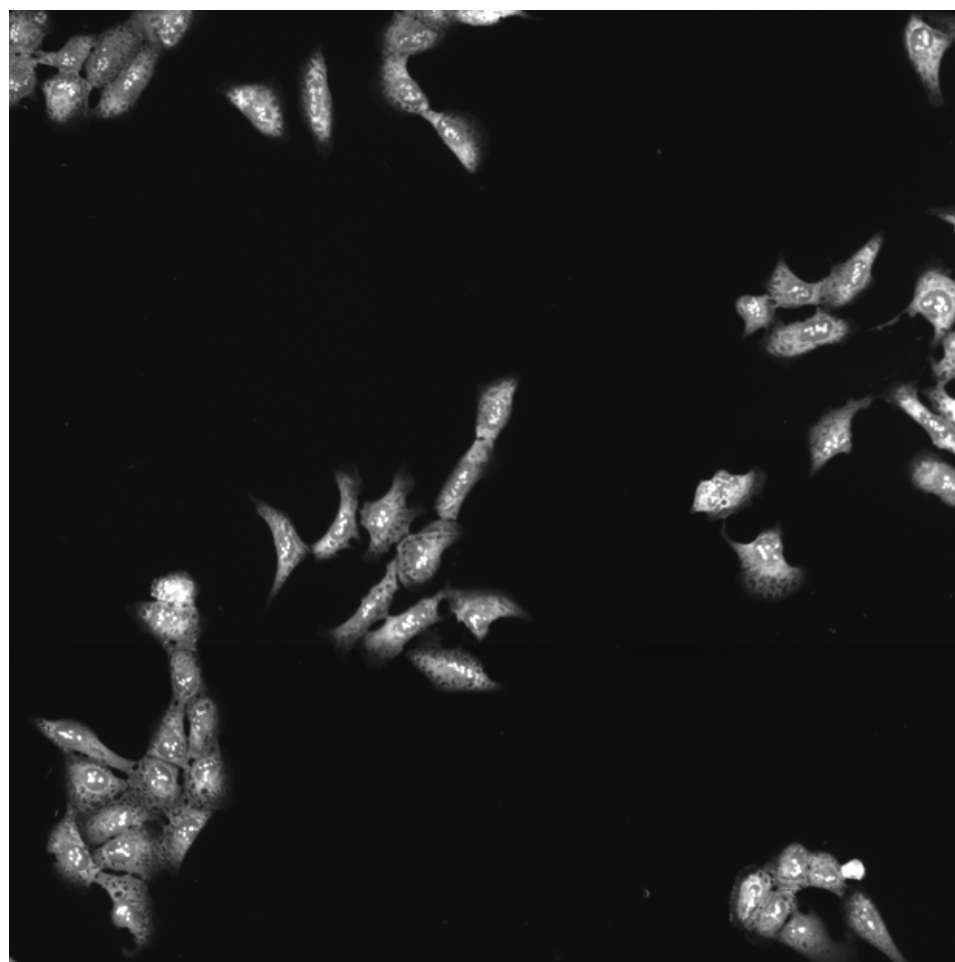
BCL2L11.WT (41755)

BCL2L11.WT (41756)

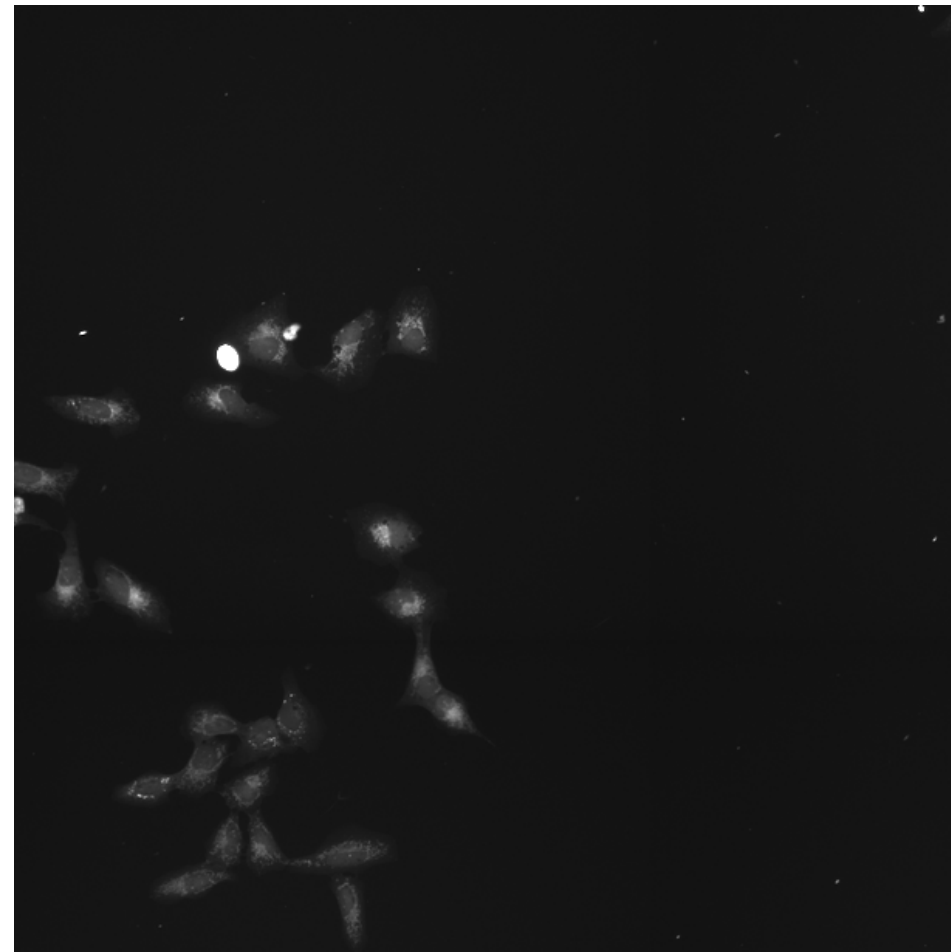
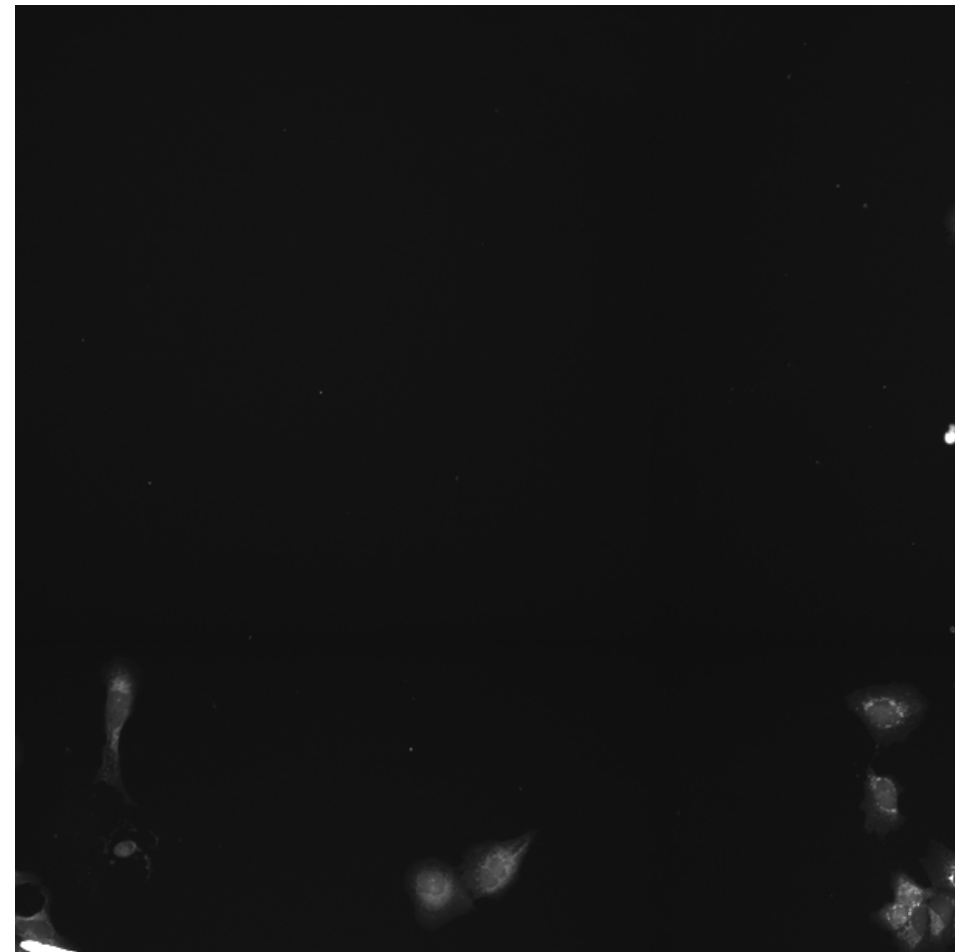
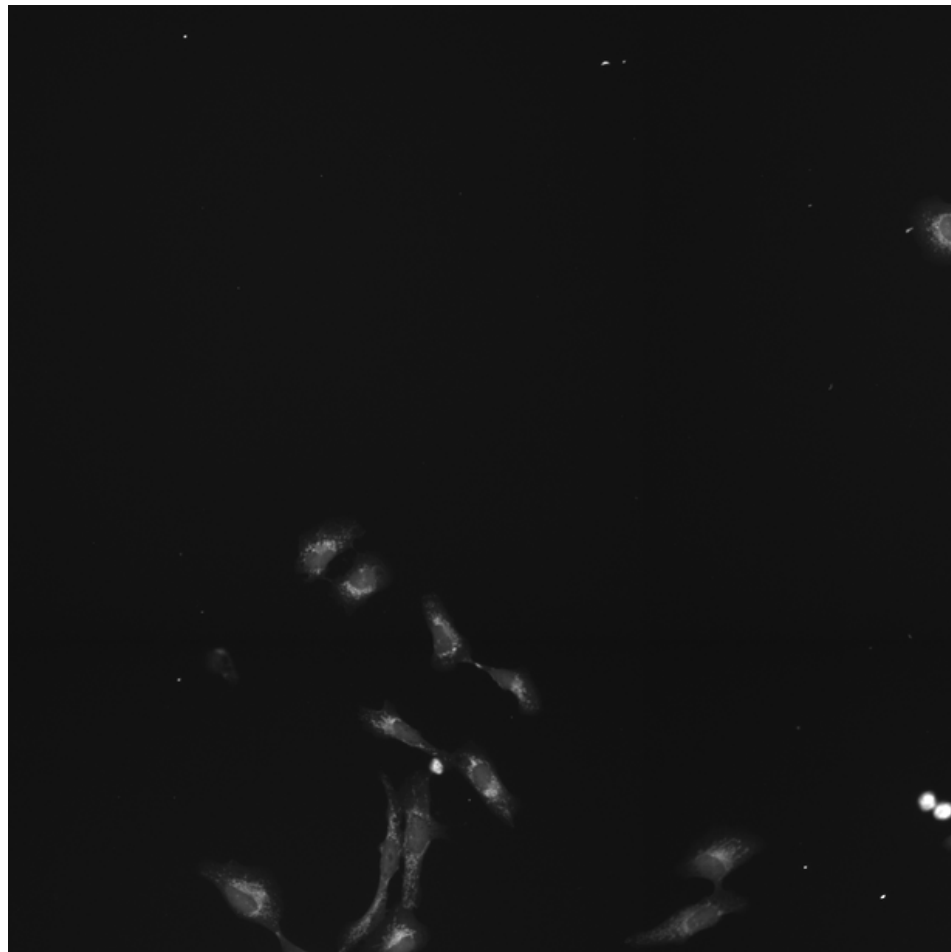
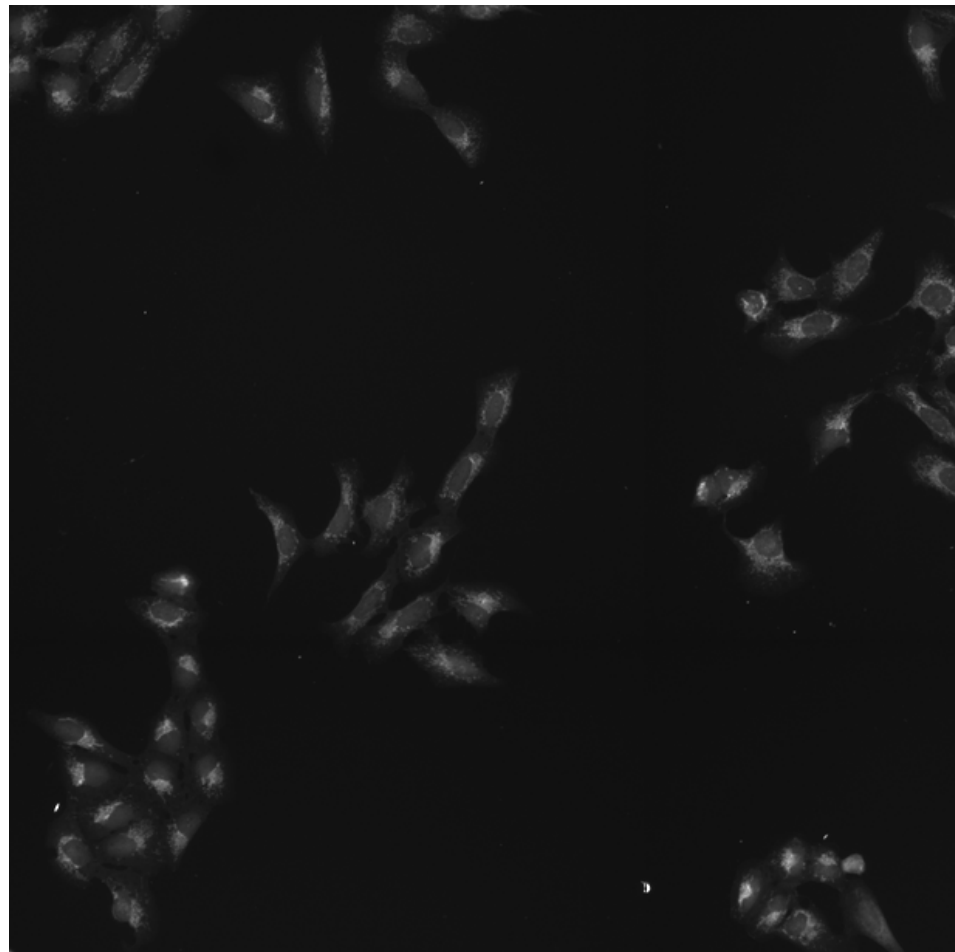
BCL2L11.WT (41757)

BCL2L11.WT (41754)

RNA

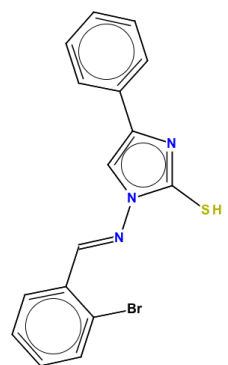


Mito



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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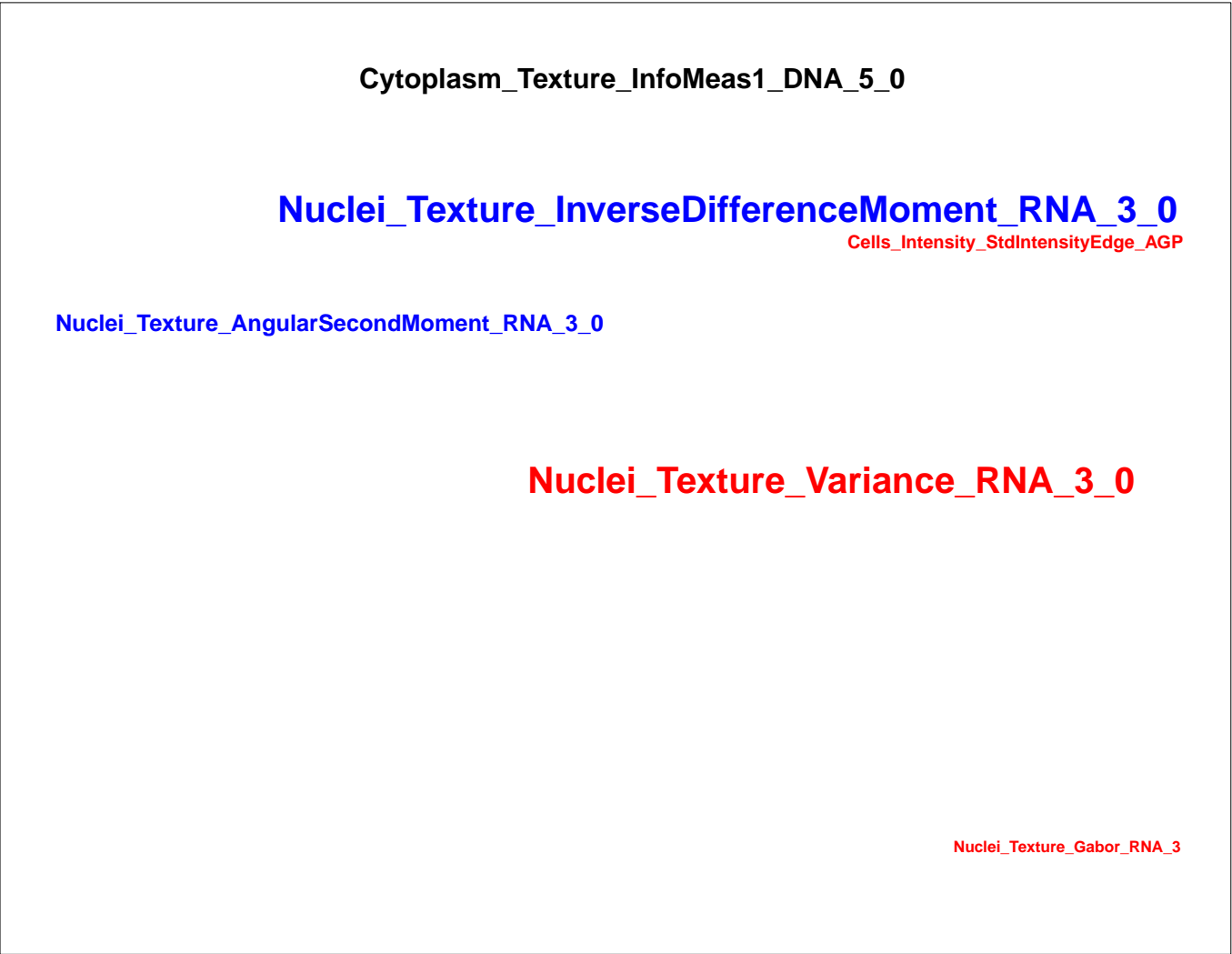
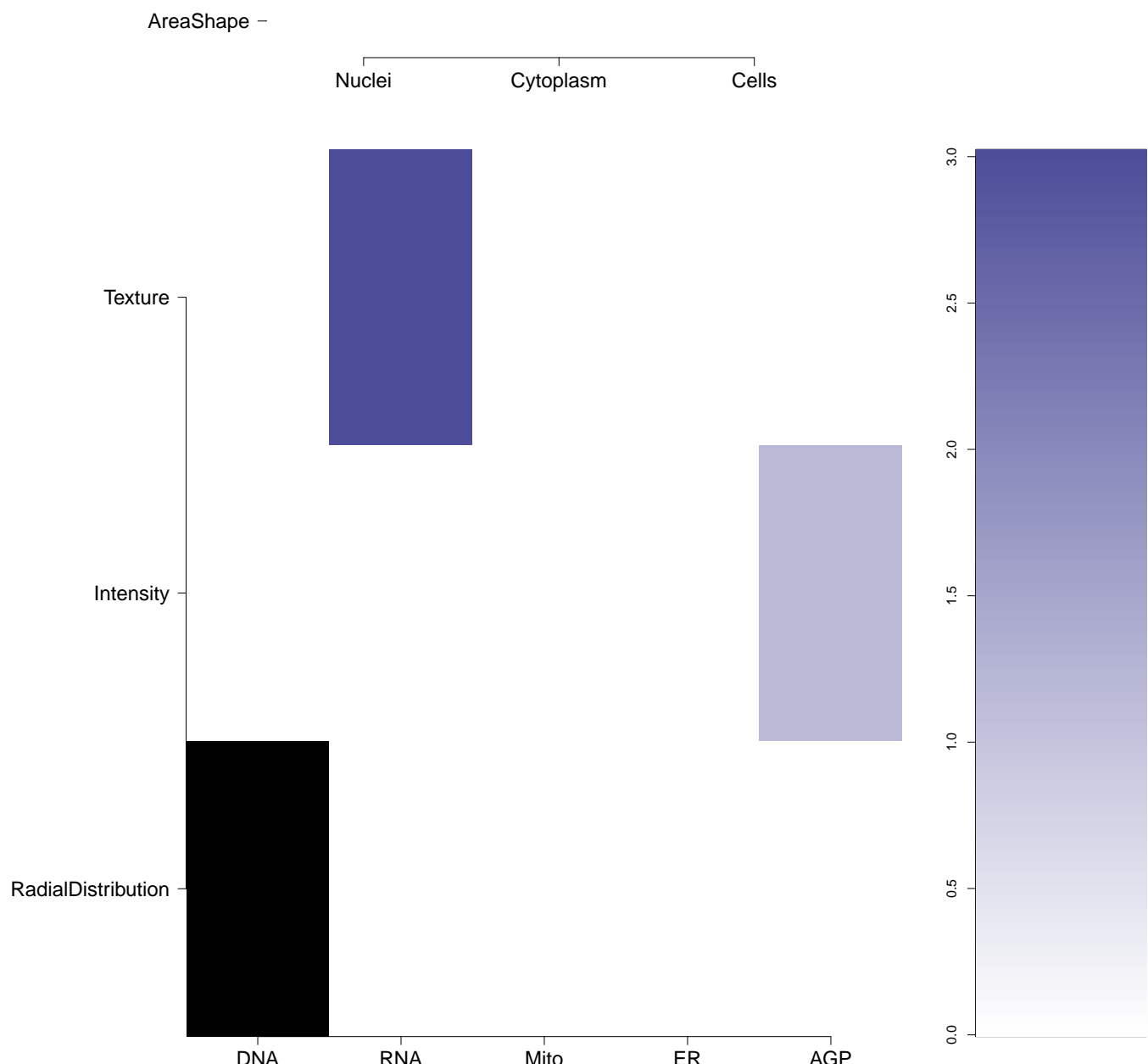
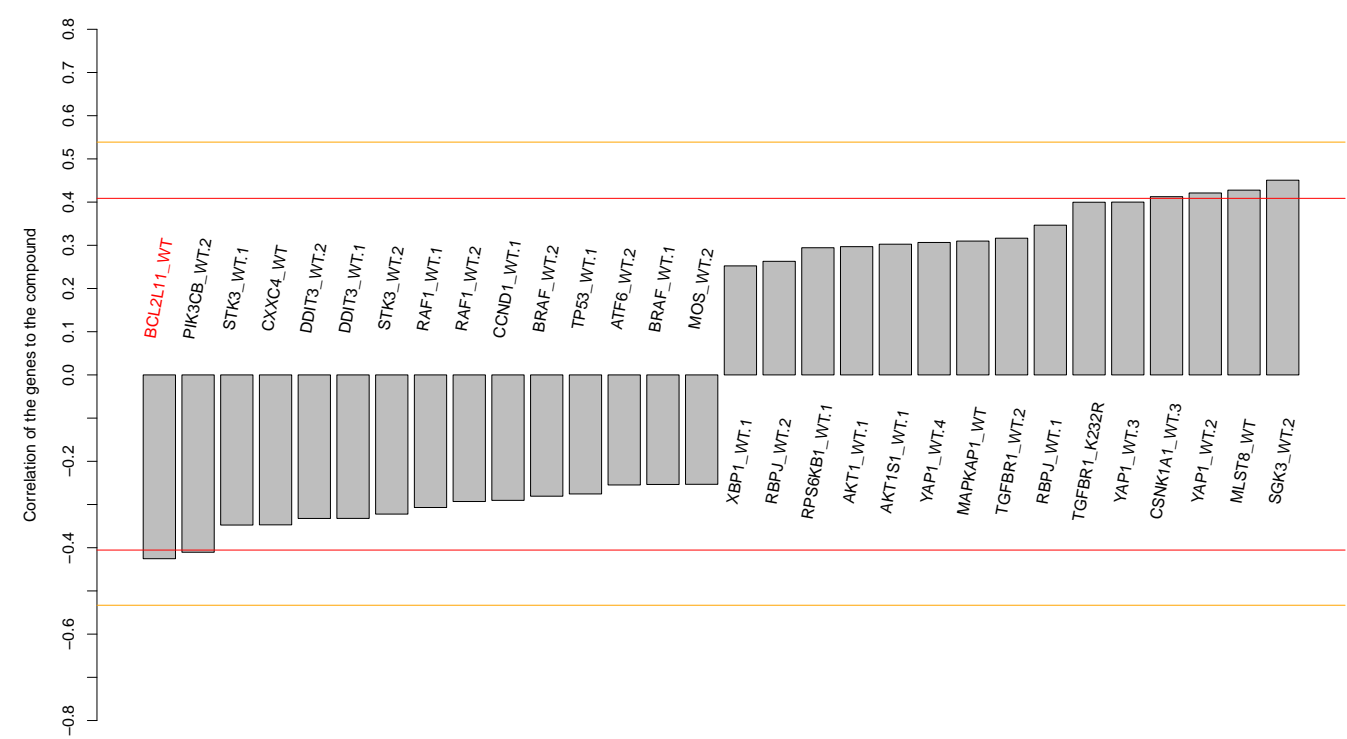
BRD-K34215013-001-05-3
T0516-8182
MLS000516241
ZINC12727584
SMR000372864
PubChem CID : 16241402



NA (in 1 replicates)

-0.43

NA



- Total number of assays tested in: 640. Active in the following assays:
- Chemical Genetic Screen to Identify Inhibitors of Mitochondrial Fusion - Primary Screen (AID 1362)
 - Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Primary Screen (AID 1456)
 - Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Secondary Assay 3 with KCC2 cells (AID 1714)
 - Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Secondary Assay 2 with KCC2 cells (AID 1715)
 - Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Counter-screen with HEK cells (AID 1716)
 - Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Retesting of KCC2 cells with Ouabain (AID 1717)
 - Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Counter-screen 2 with HEK cells (AID 1718)
 - MLPCN Alpha-Synuclein 5'UTR - 5'UTR binding - activators (AID 1814)
 - qFRET-based primary biochemical high throughput screening assay to identify inhibitors of the Plasmodium falciparum M18 Aspartyl Aminopeptidase (PFM18AAP). (AID 1822)
 - Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)
 - qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)
 - Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796)
 - qHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190)
 - qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)
 - Heat Shock Factor-1 (HSF-1) Measured in Cell-Based System Using Plate Reader - 2038-01 Activator.SinglePoint.HTS.Activity (AID 504408)
 - qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)
 - qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)