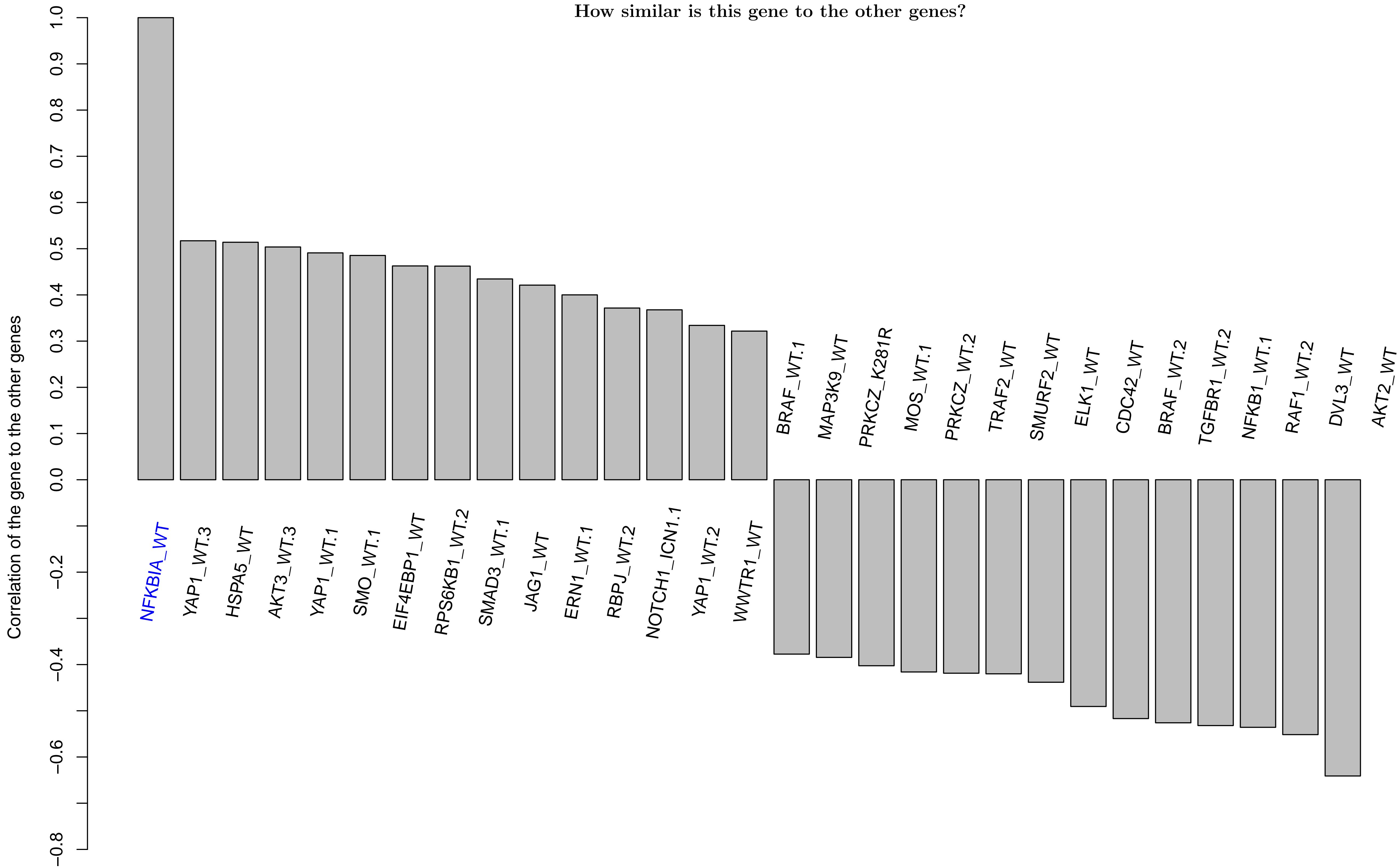
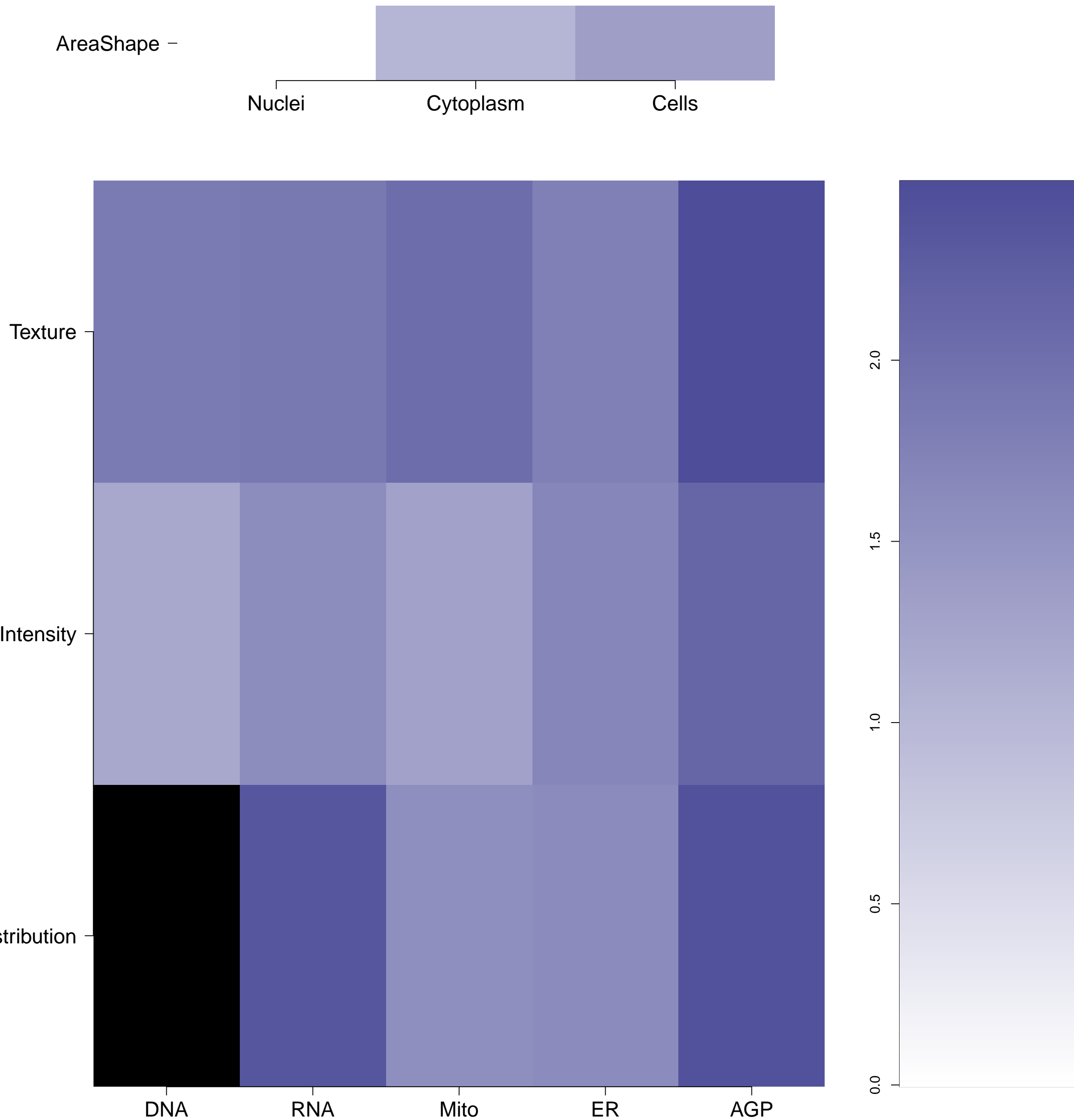


NFKBIA.WT - in Canonical NFkB

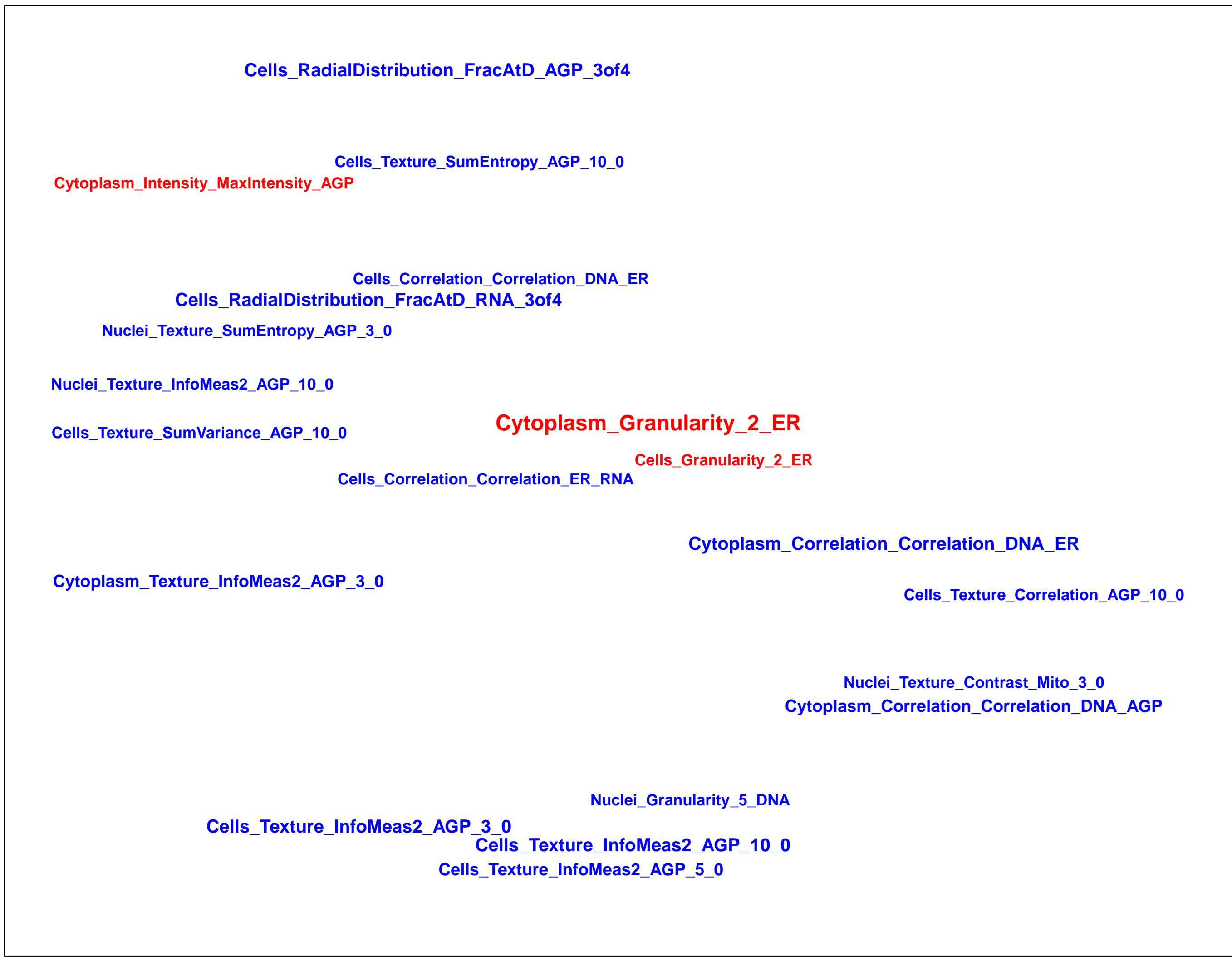
How similar is this gene to the other genes?



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)

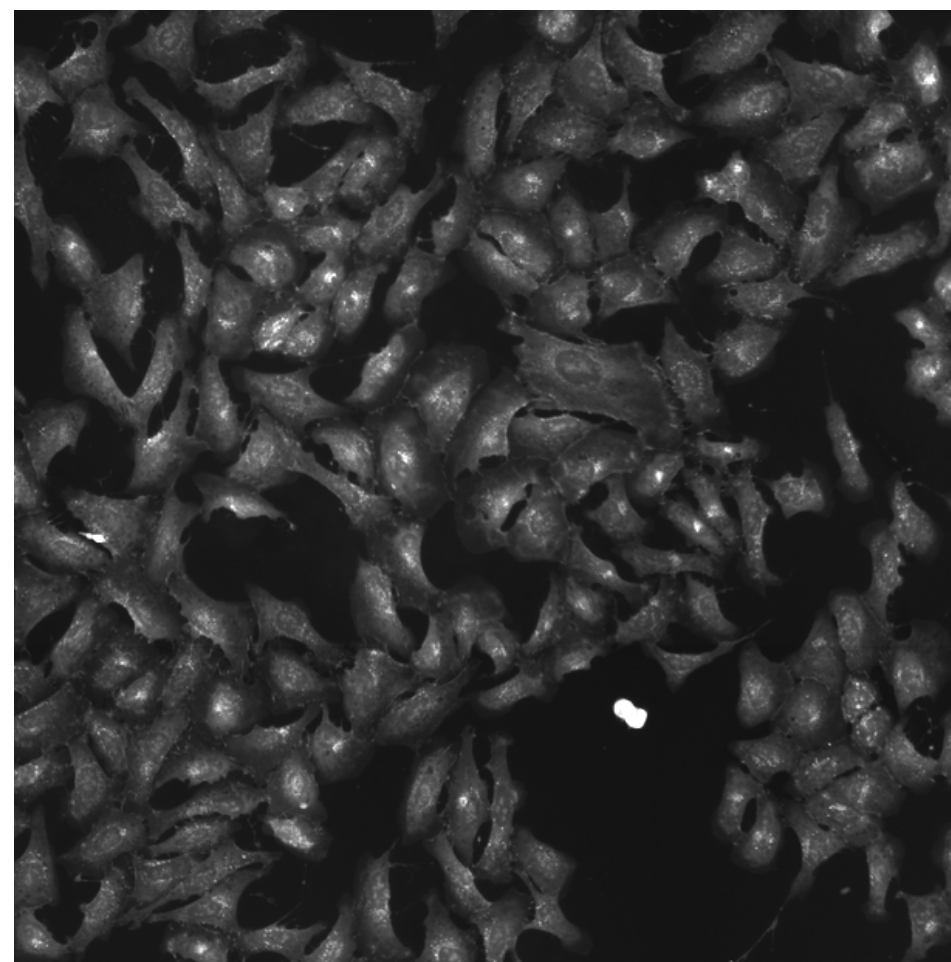
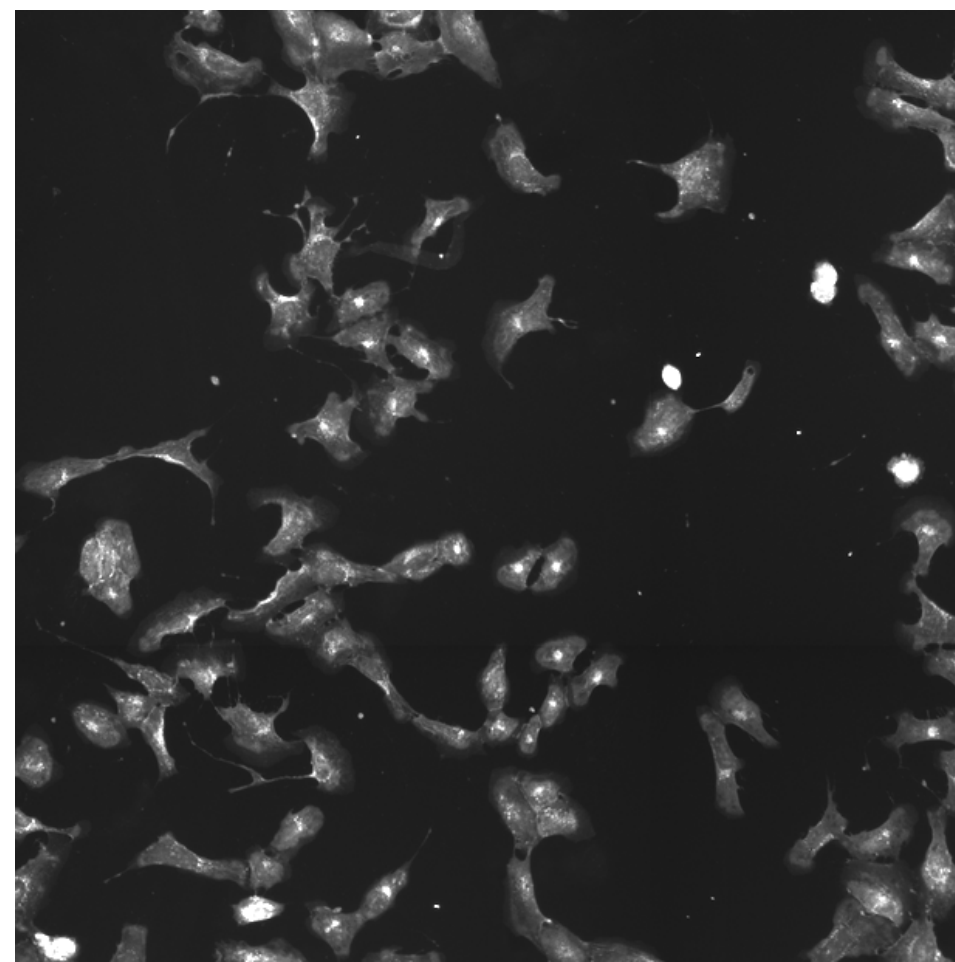
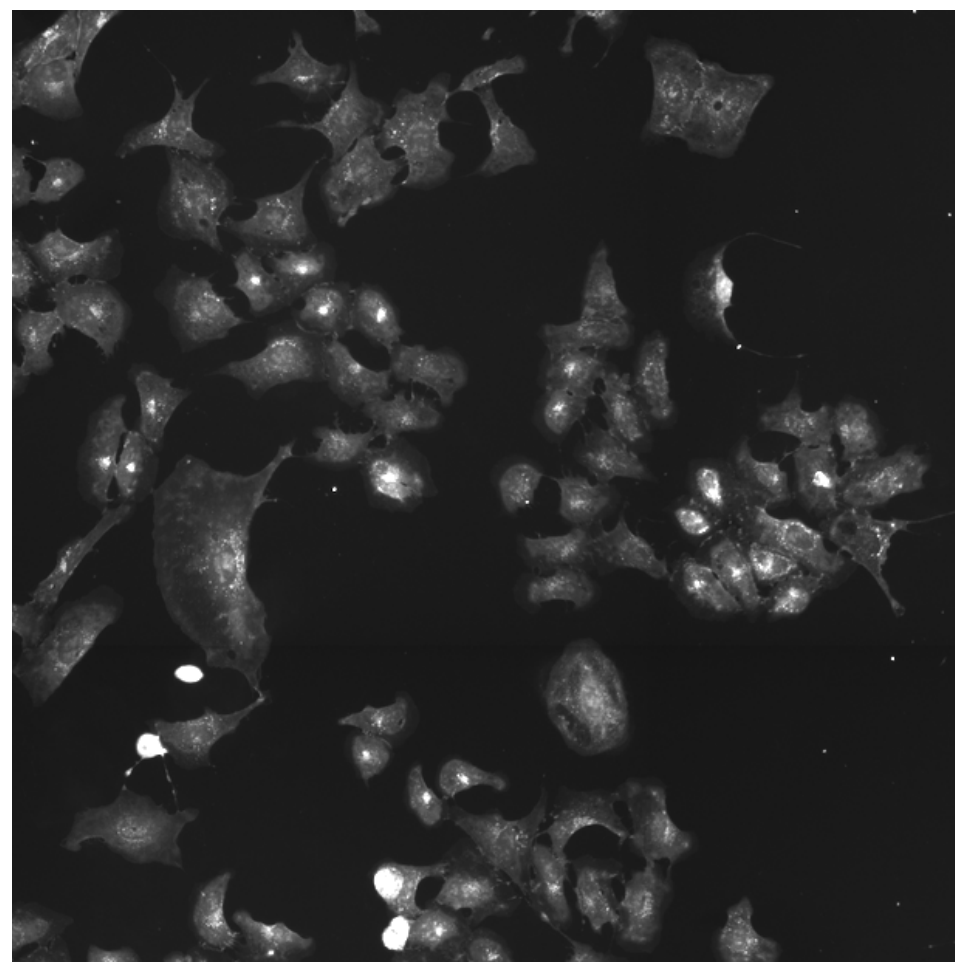
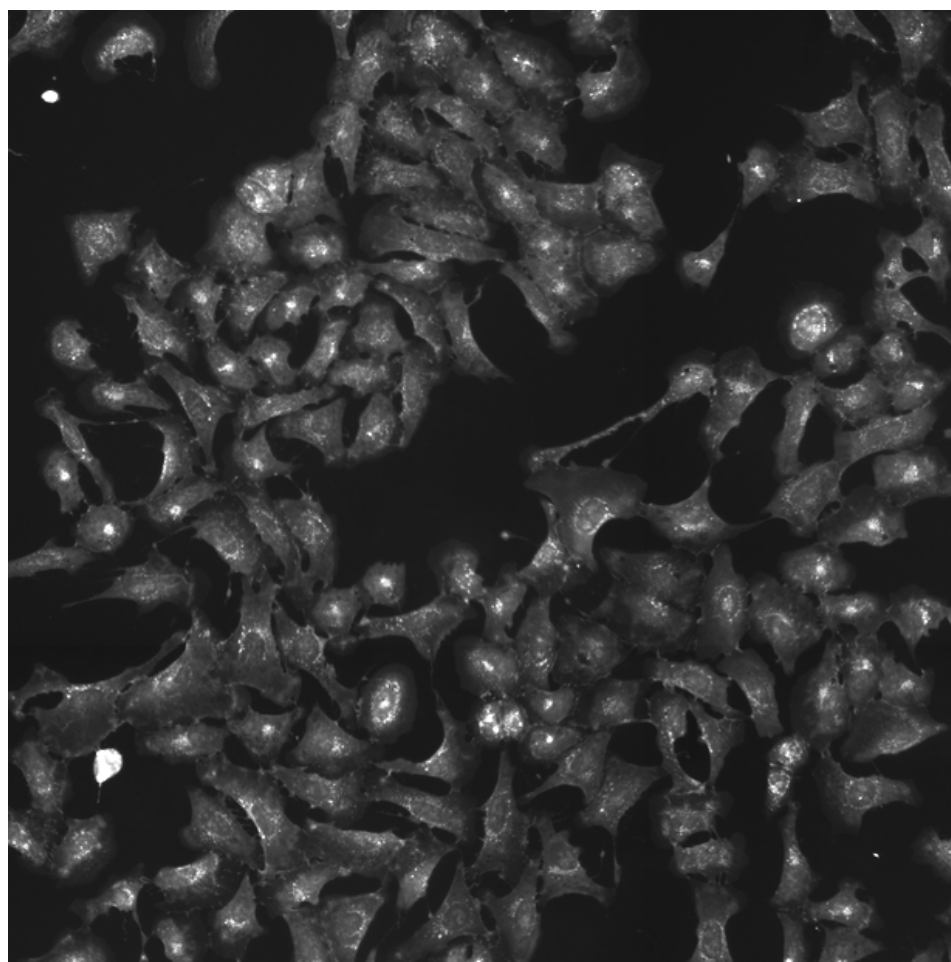
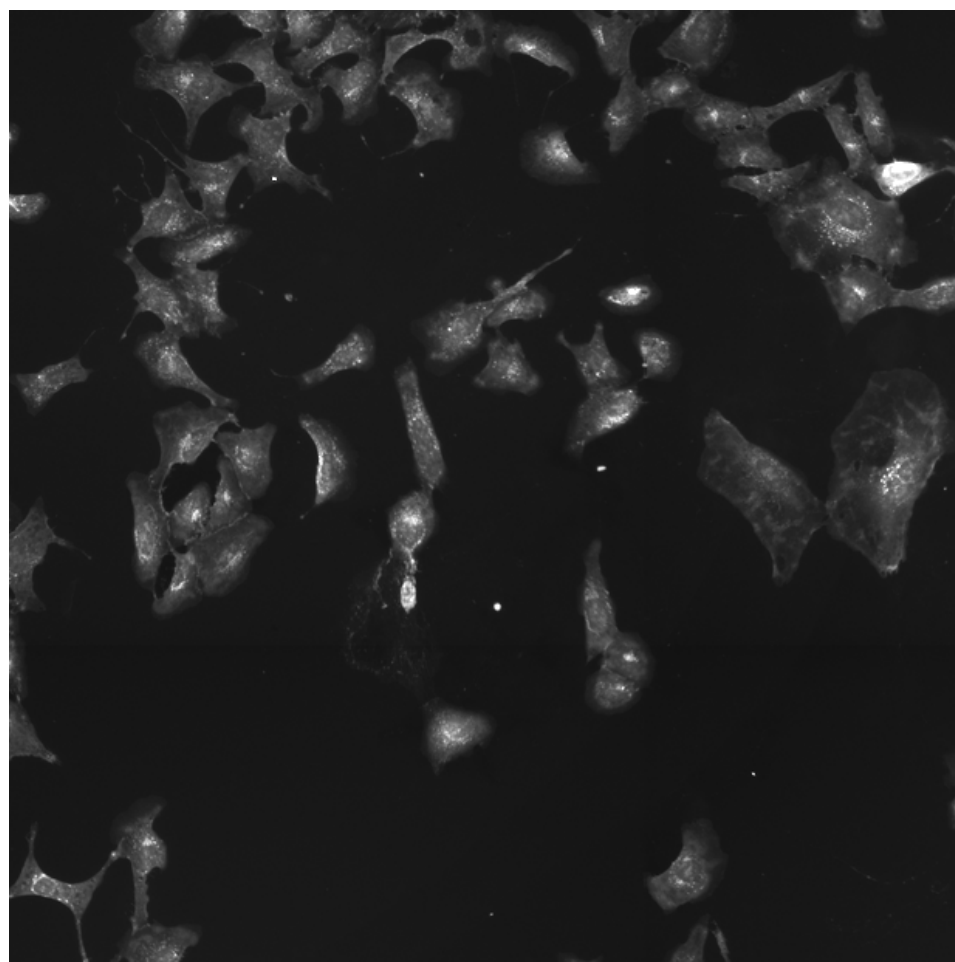
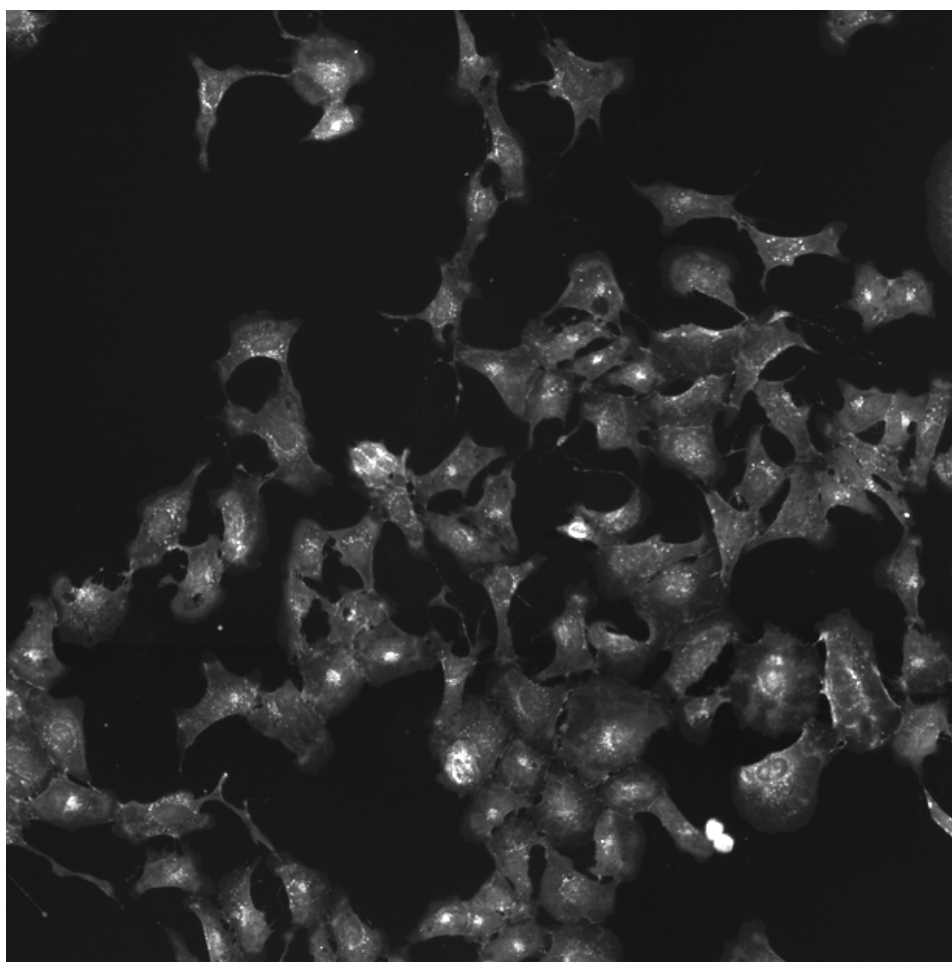
NFKBIA.WT (41755)

NFKBIA.WT (41756)

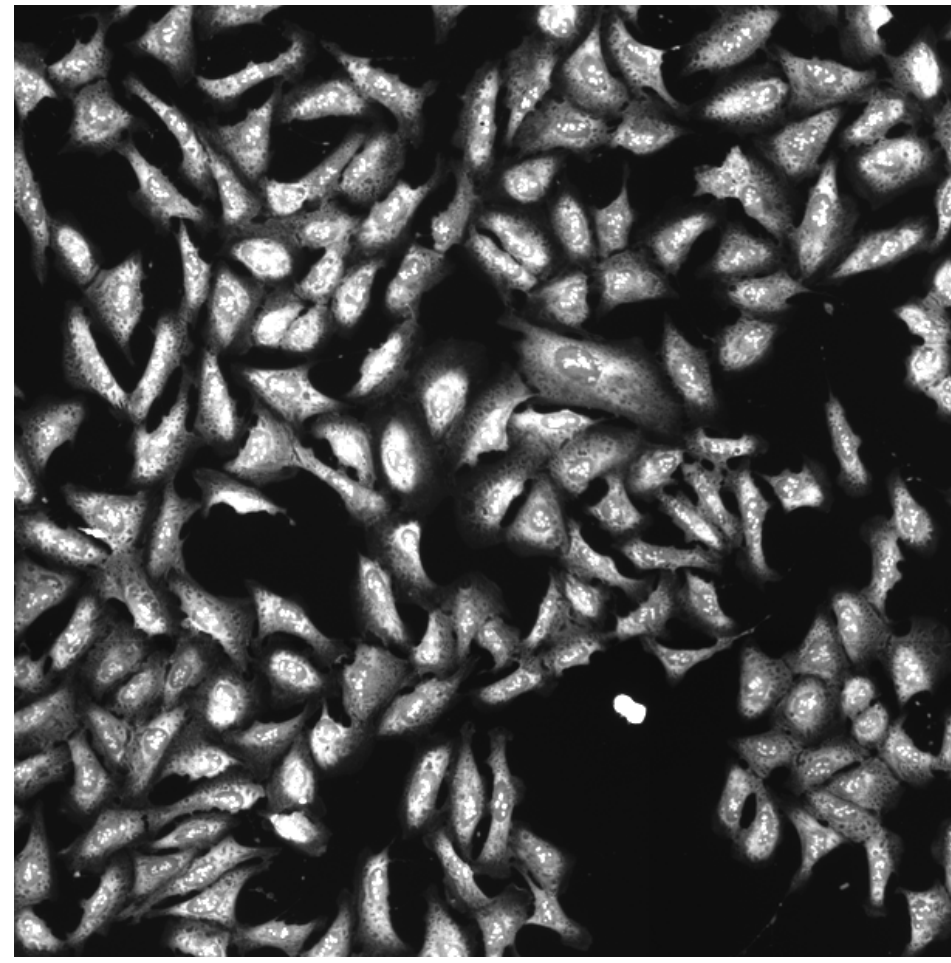
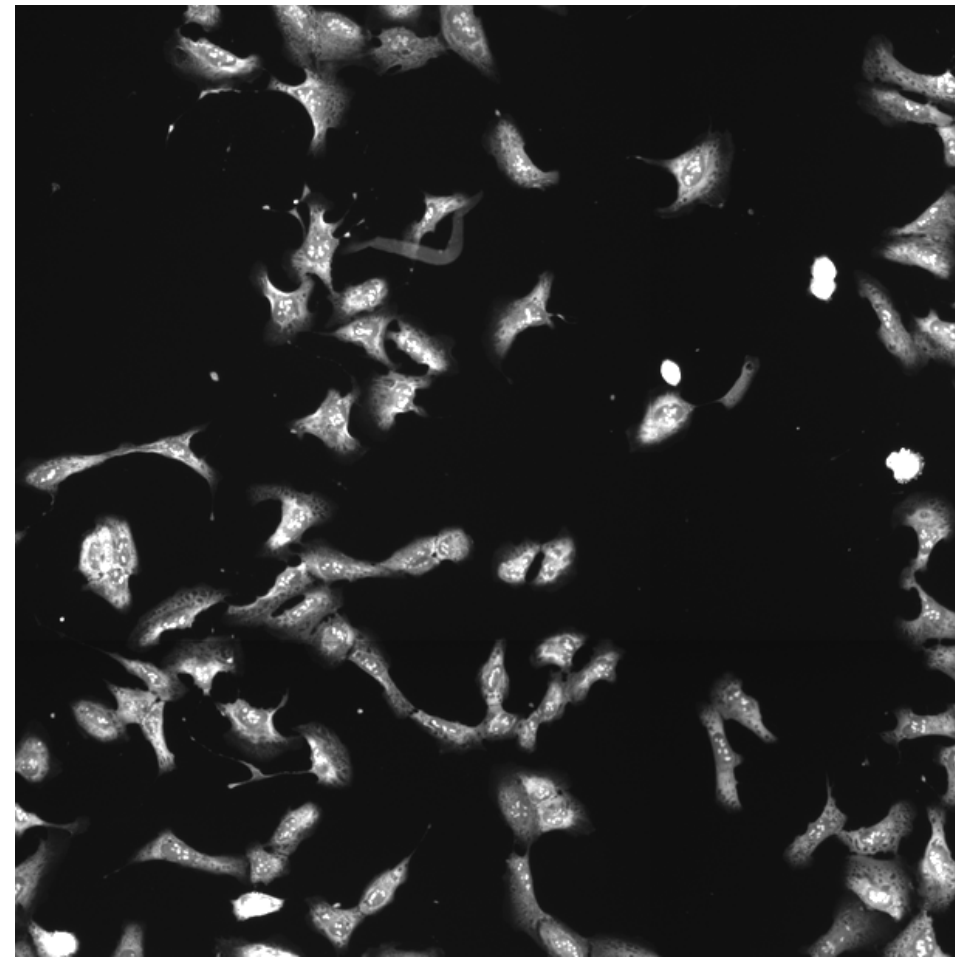
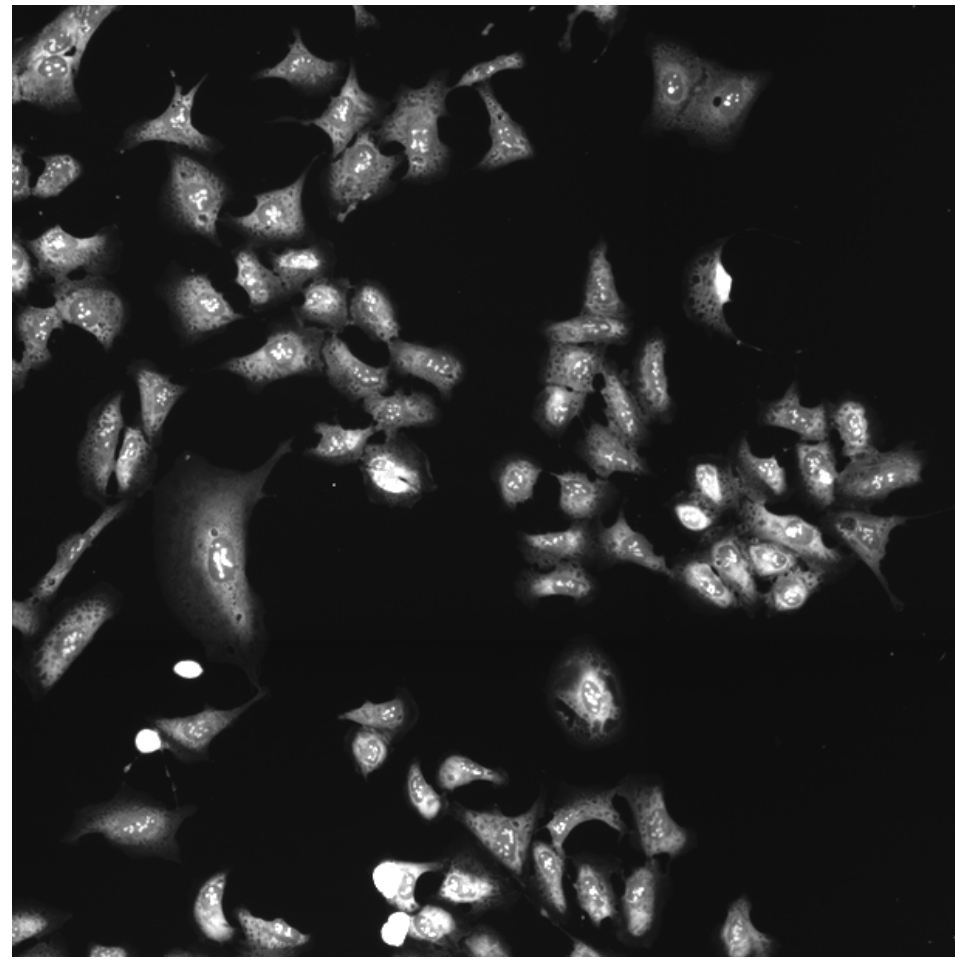
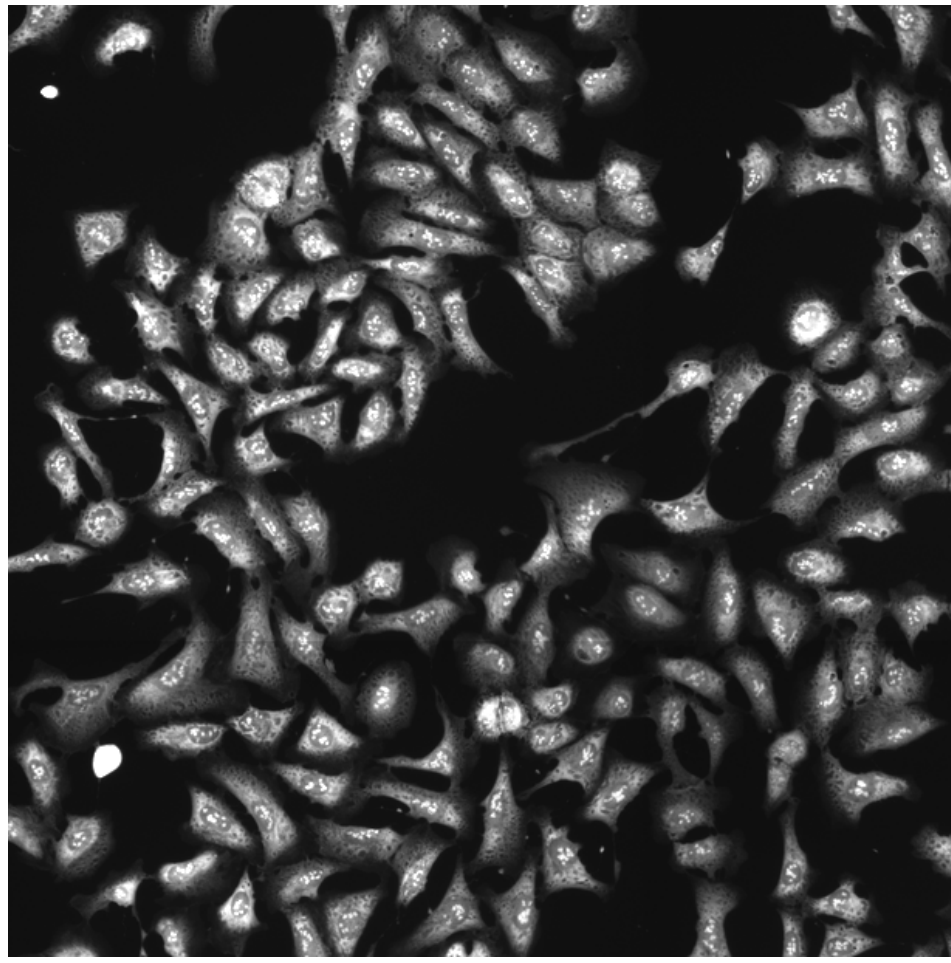
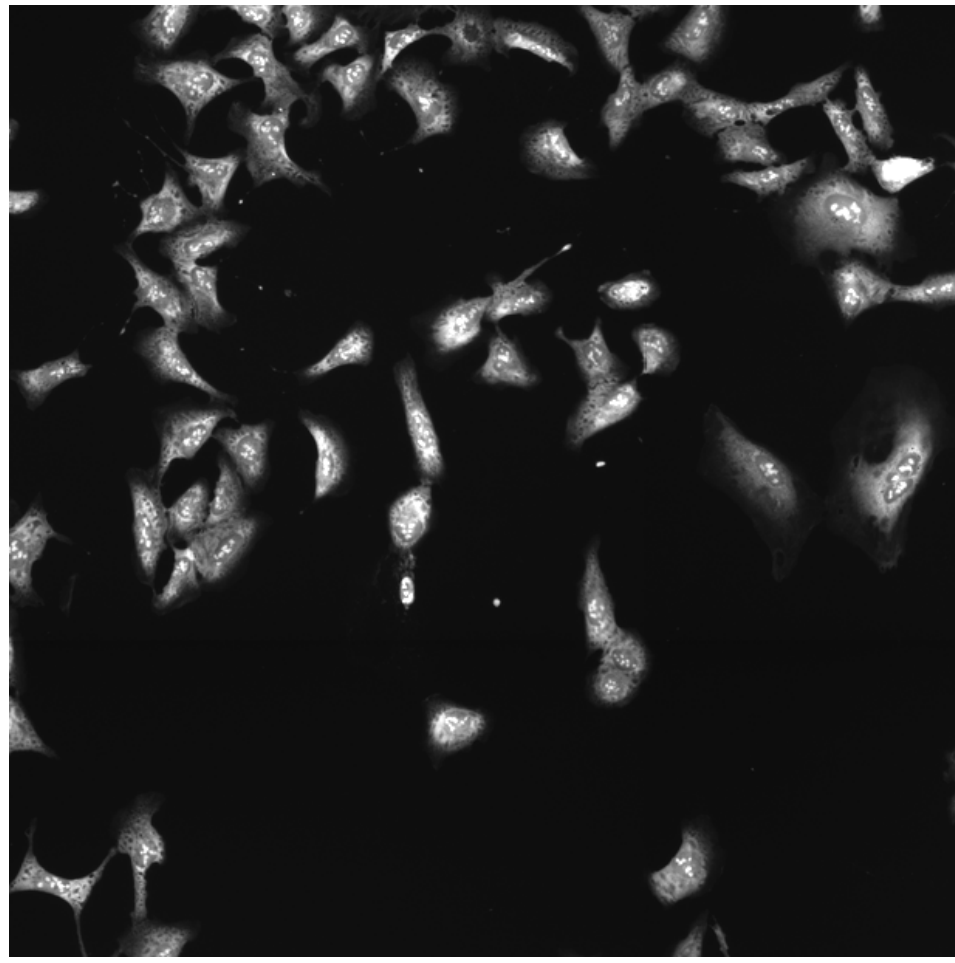
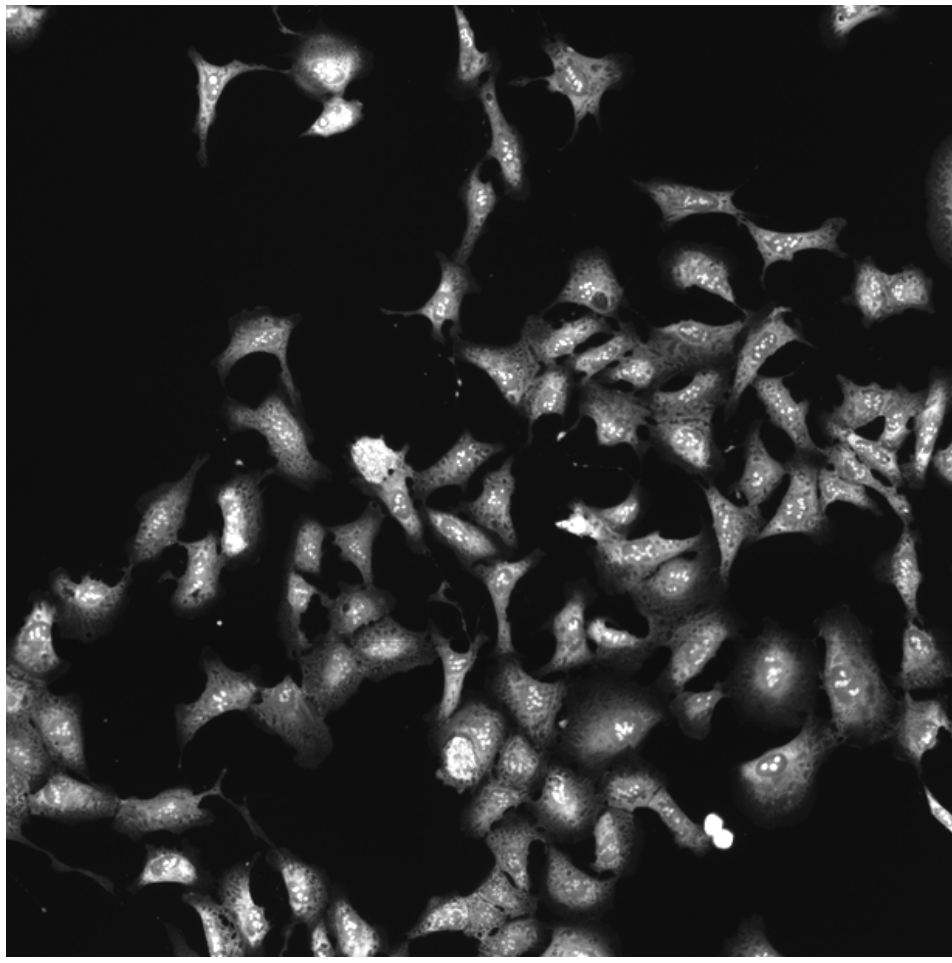
NFKBIA.WT (41757)

NFKBIA.WT (41754)

AGP

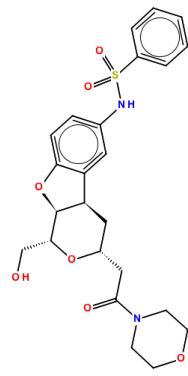
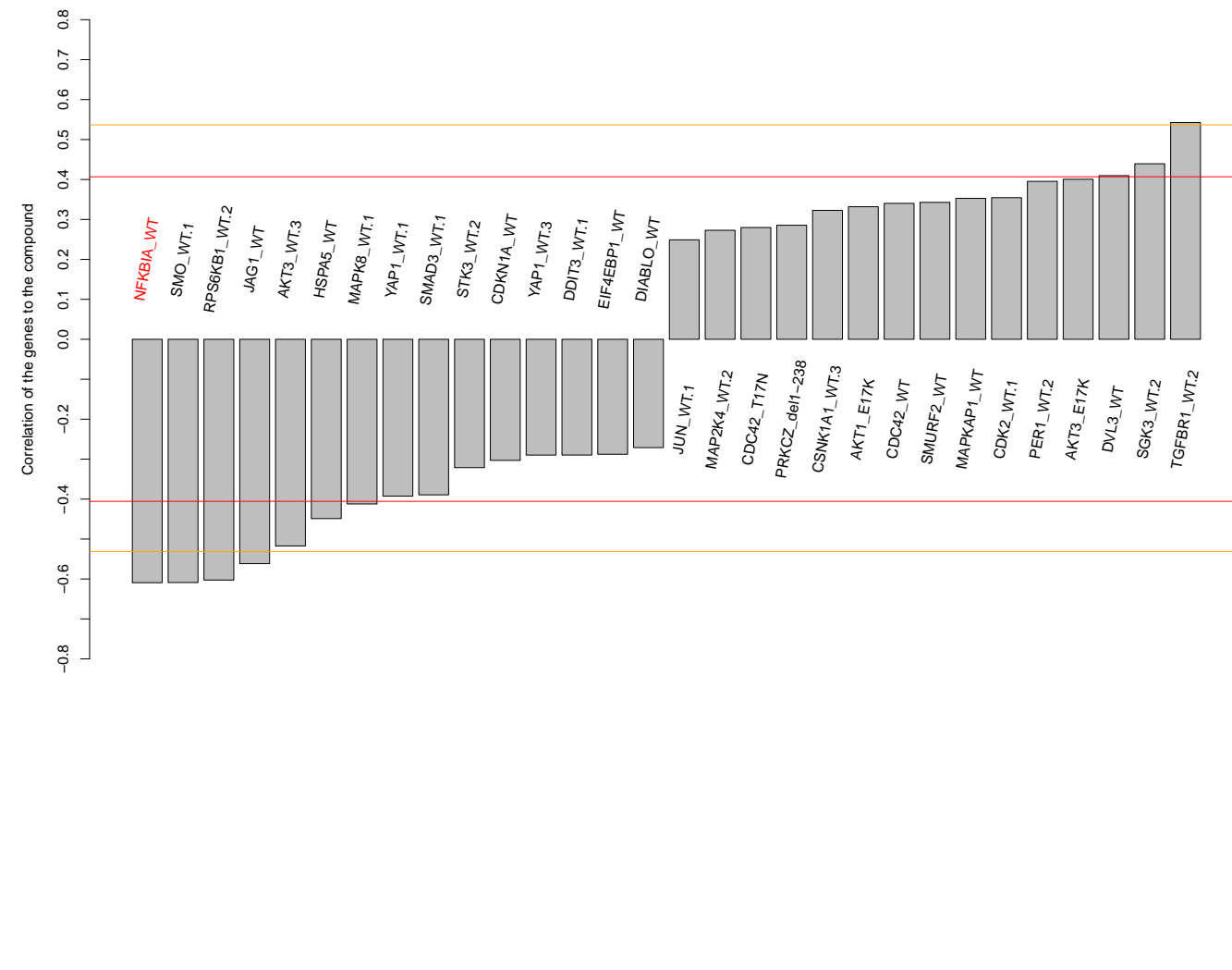
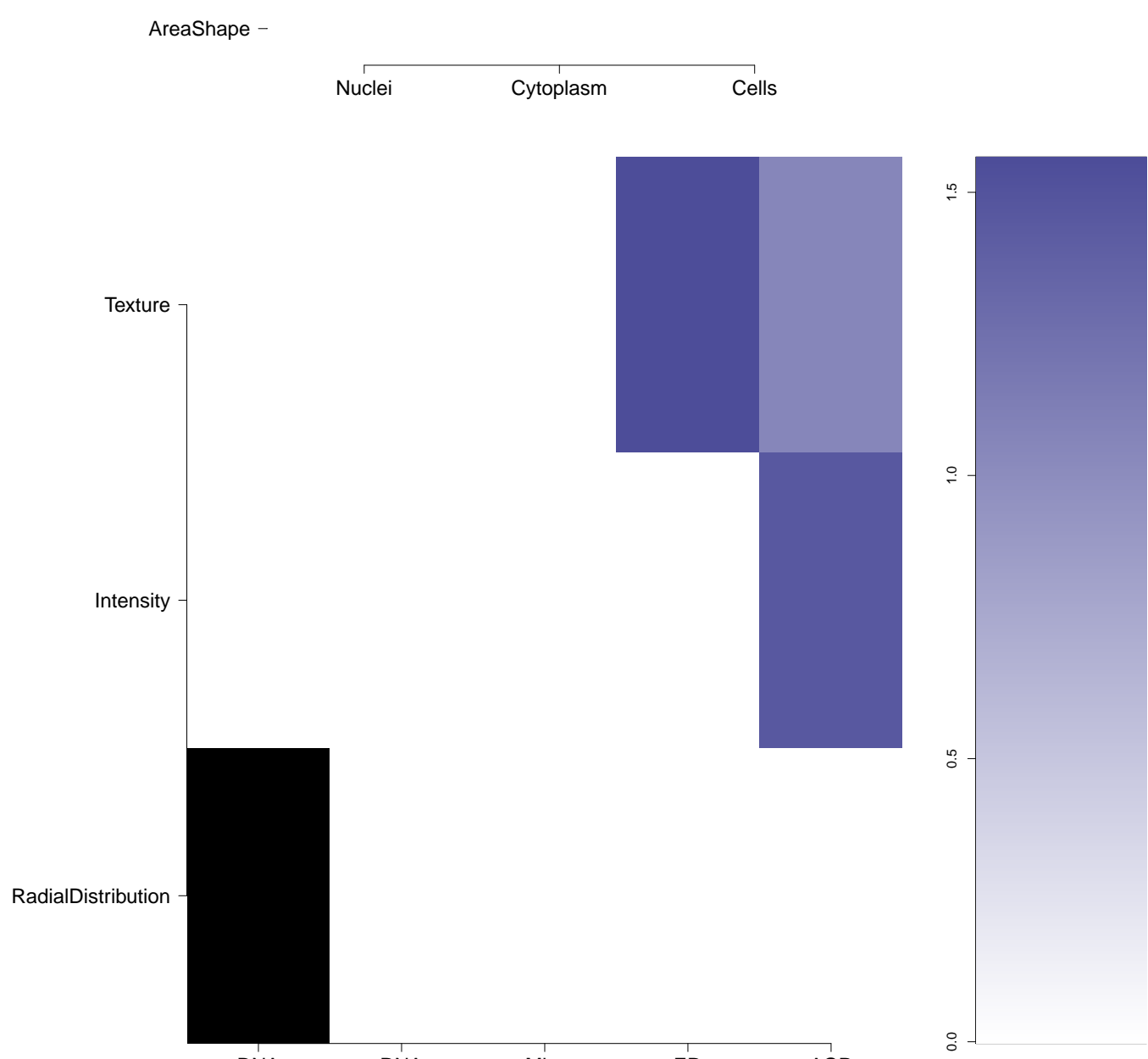

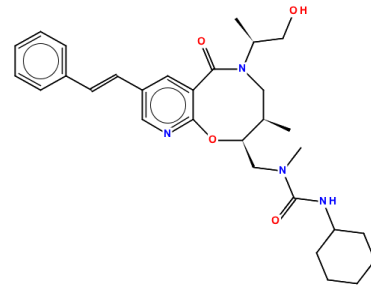
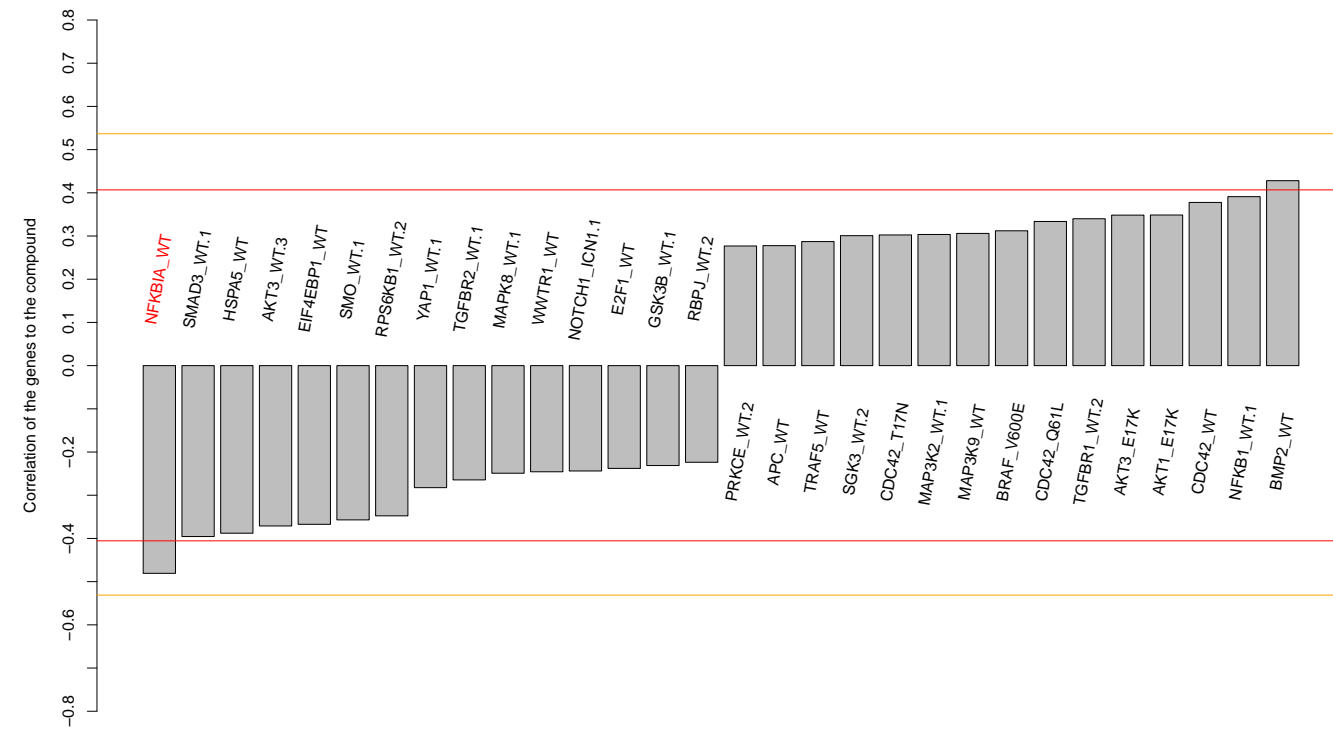
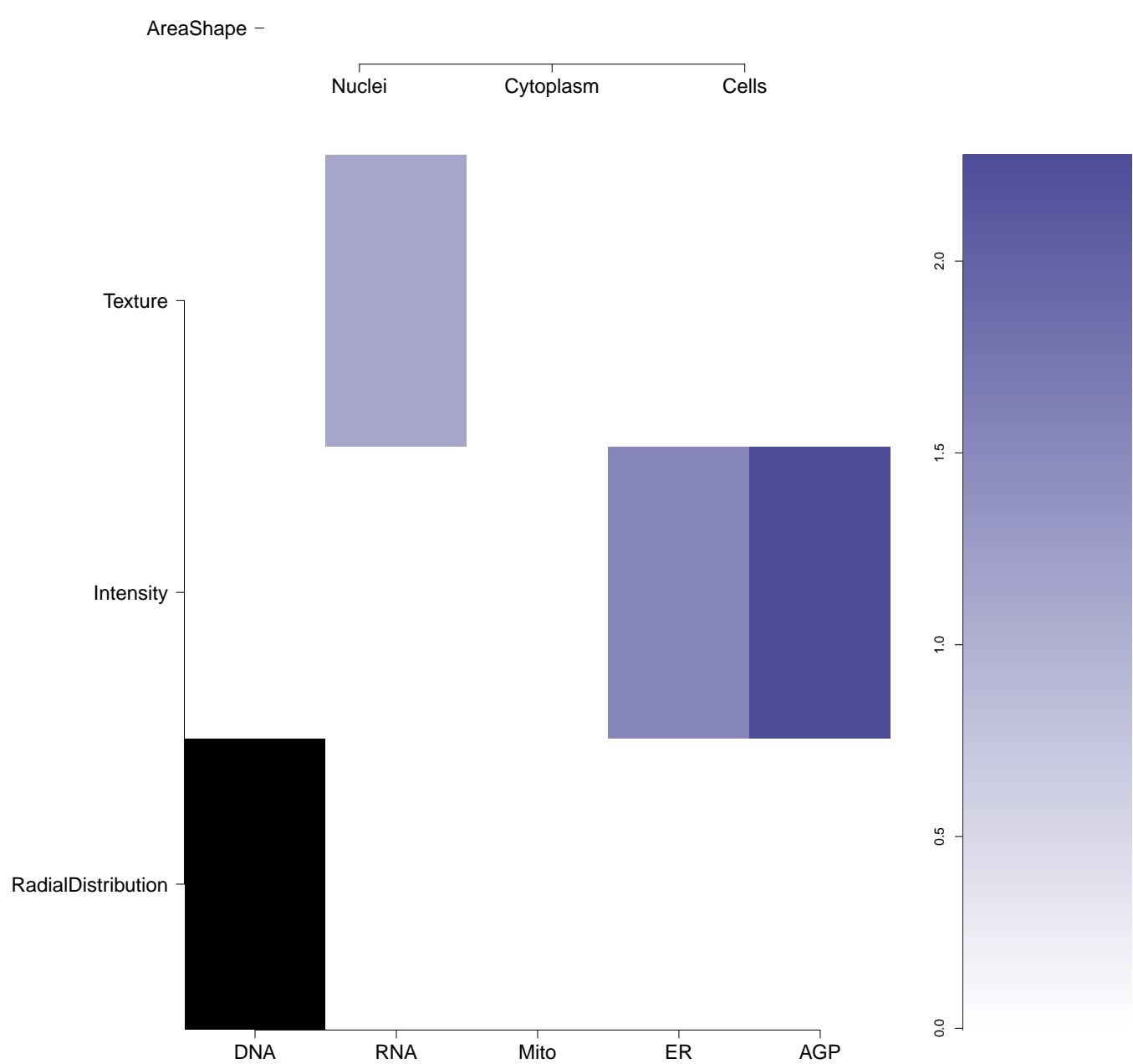

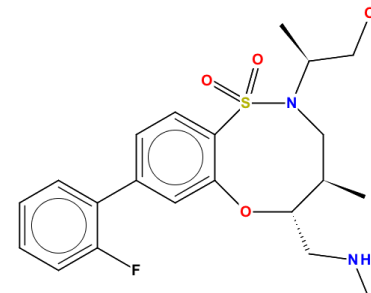
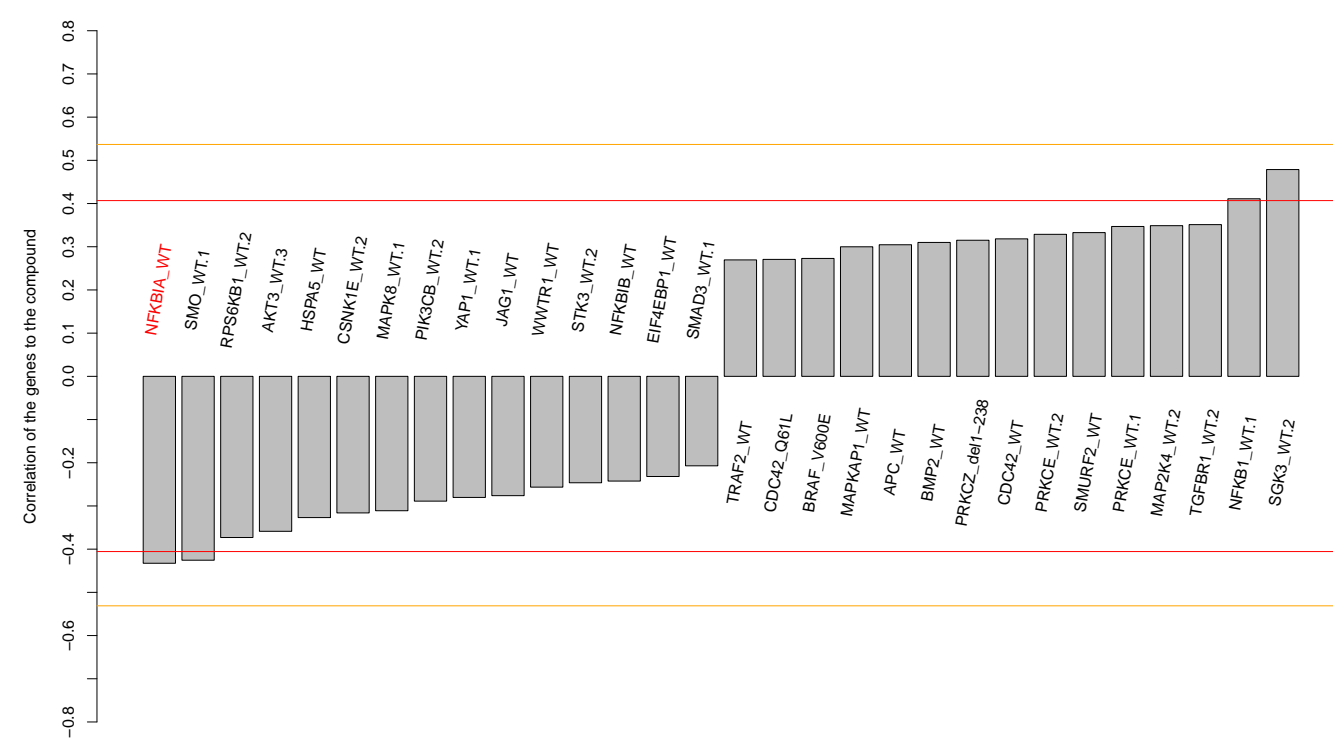
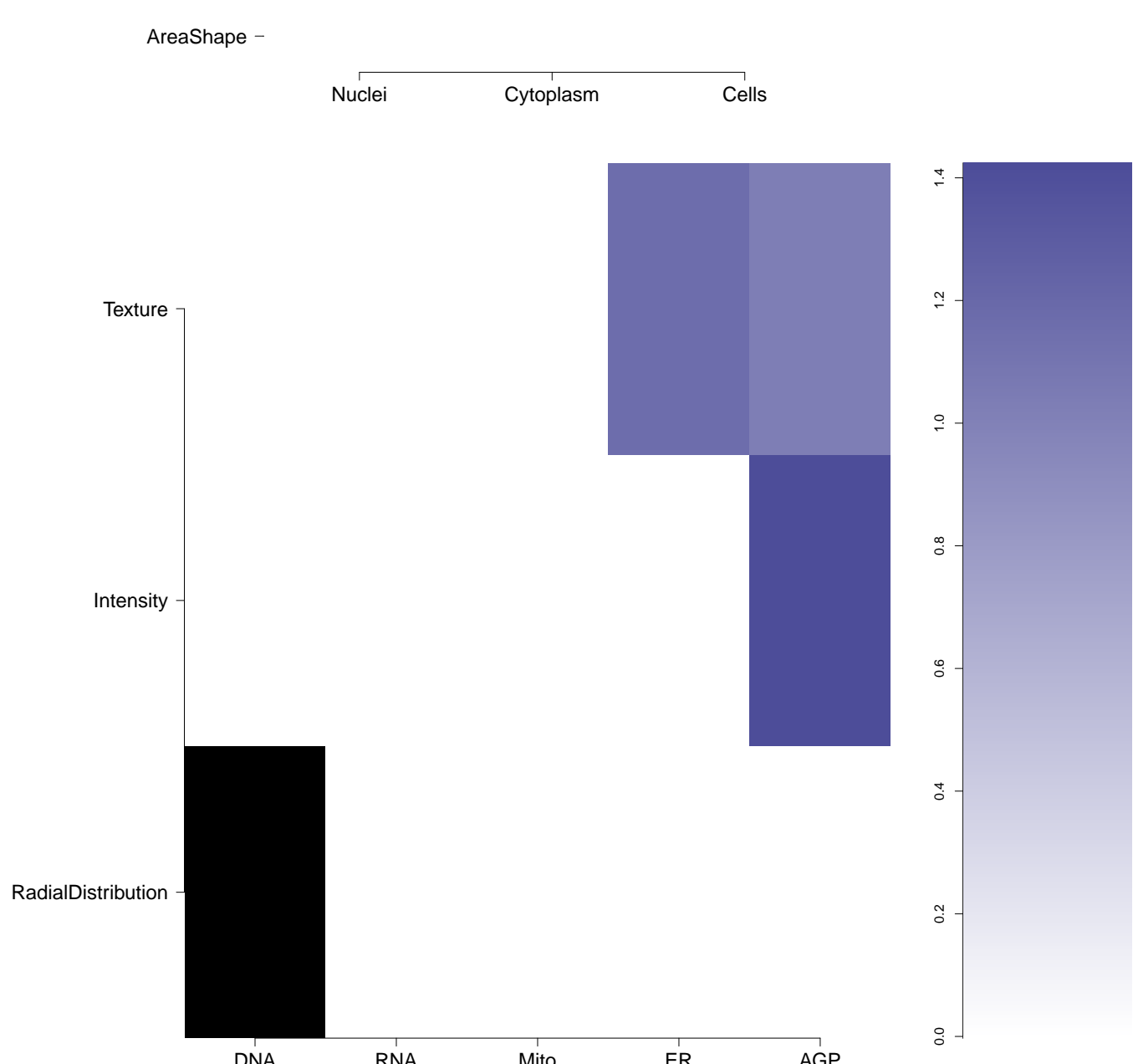
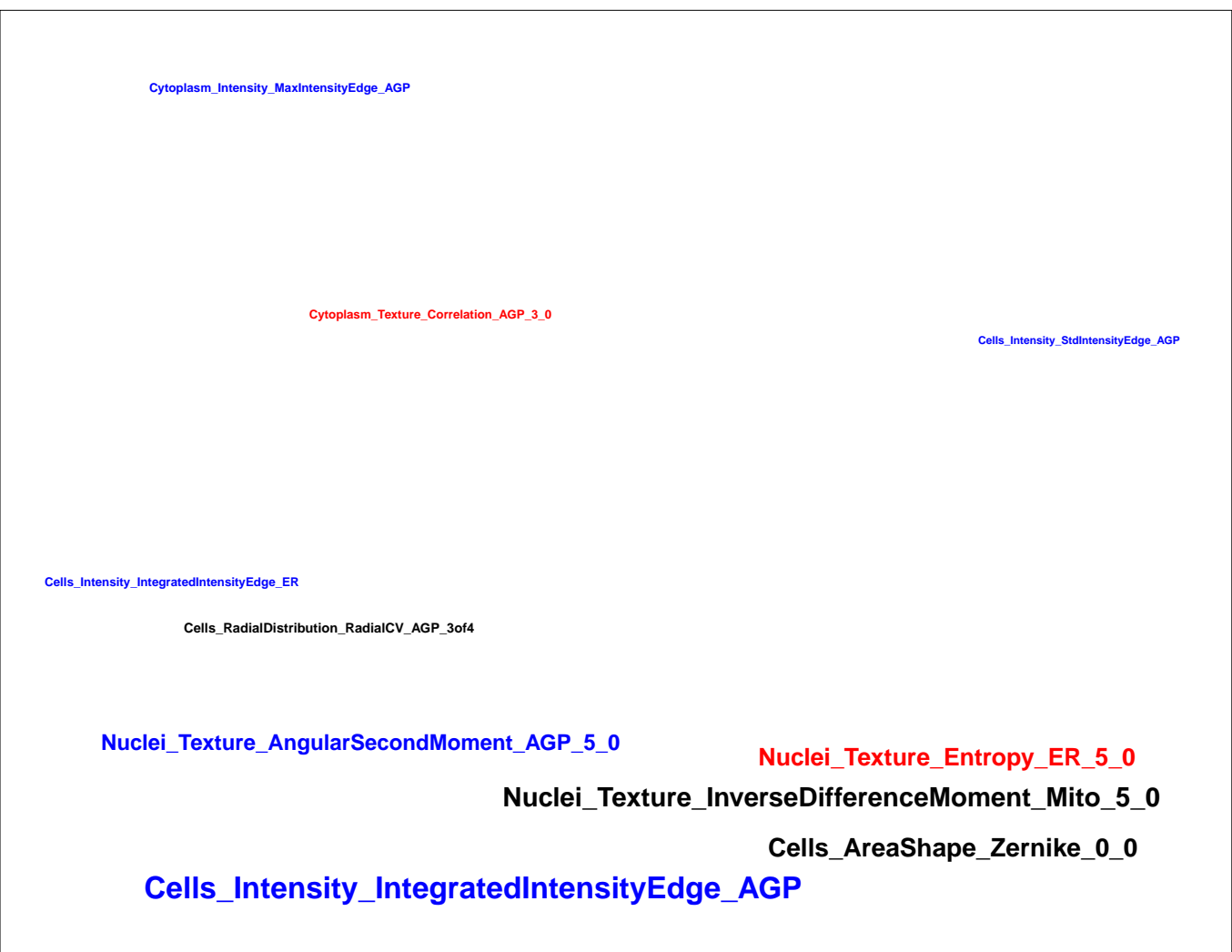
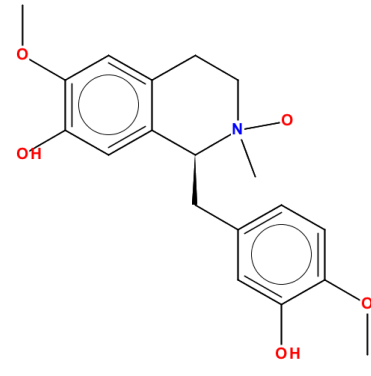
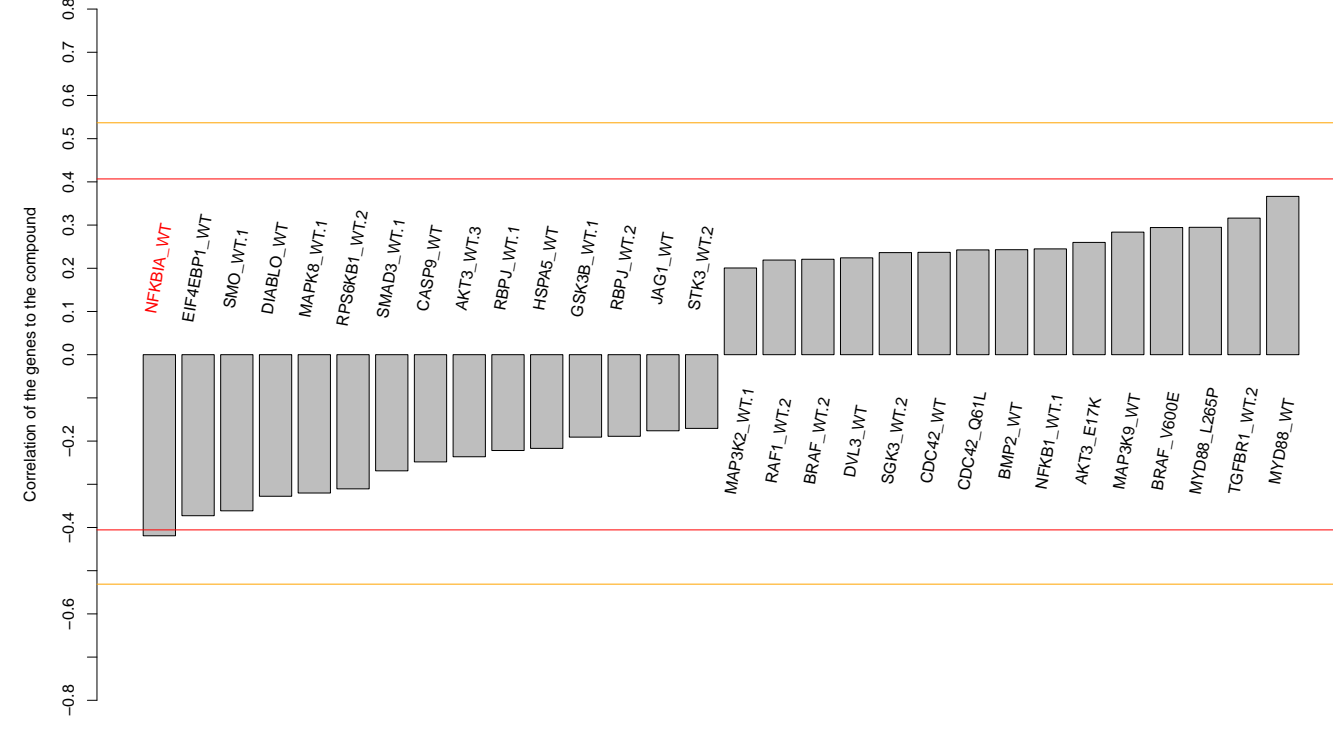
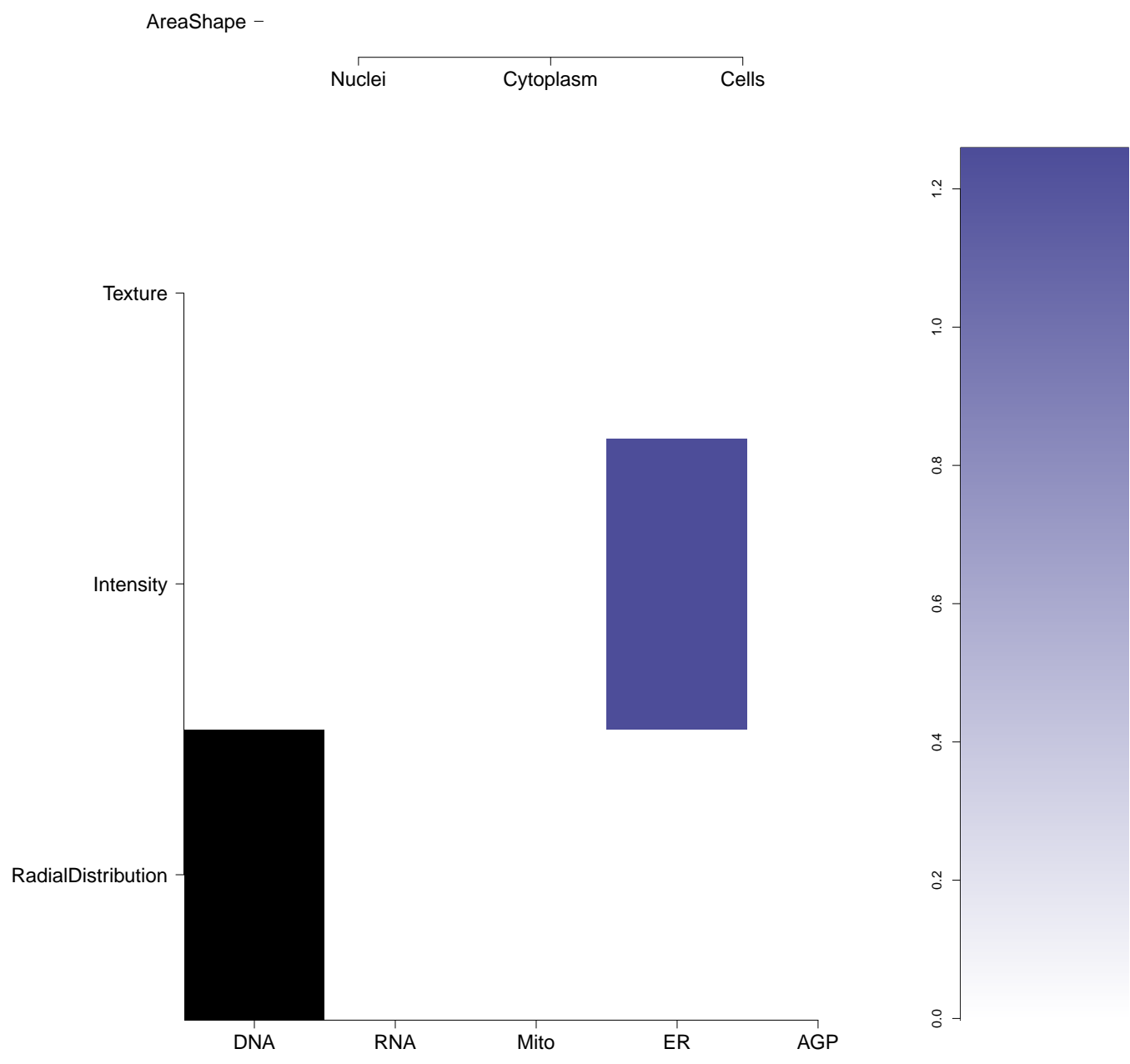



RNA



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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<p>BRD-K36345680-001-05-8</p> <p>SMR000006898</p> <p>MLS000073930</p> <p>AC1LD9R7</p> <p>MLS004496834</p> <p>HMS2415P21</p> <p>ASN 06571284</p> <p>PubChem CID : 644670</p>		<p>0.56 (in 2 replicates)</p>	<p>0.50</p>	<p>NA</p>				<p>Total number of assays tested in: 804. Active in the following assays:</p> <ul style="list-style-type: none"> • nHTS 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)
<p>BRD-K09155468-001-01-1</p> <p>PubChem CID : 54641246</p>		<p>NA (in 1 replicates)</p>	<p>0.49</p>	<p>NA</p>				<p>Total number of assays tested in: 37.</p>
<p>BRD-K08739006-001-01-2</p> <p>PubChem CID : 54641243</p>		<p>NA (in 1 replicates)</p>	<p>0.47</p>	<p>NA</p>				<p>Total number of assays tested in: 38.</p>
<p>BRD-K00244800-001-05-0</p> <p>10D-014</p> <p>SMR000169148</p> <p>AC1MCA7X</p> <p>MLS000543189</p> <p>HMS2415J17</p> <p>ZINC4001879</p> <p>HE008132</p> <p>3B3-024687</p> <p>PubChem CID : 2764721</p>		<p>0.77 (in 2 replicates)</p>	<p>0.46</p>	<p>NA</p>				<p>Total number of assays tested in: 653. Active in the following assays:</p> <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 freely 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 743050)
<p>BRD-K57345537-001-01-6</p> <p>PubChem CID : 54646521</p>		<p>0.90 (in 3 replicates)</p>	<p>0.44</p>	<p>0.921</p>				<p>Total number of assays tested in: 40. Active in the following assays:</p> <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) • 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.S4t2 (AID 651744)
<p>BRD-K75152103-001-02-6</p> <p>MLS003129908</p> <p>SMR001834354</p> <p>PubChem CID : 44505935</p>		<p>0.61 (in 3 replicates)</p>	<p>0.43</p>	<p>0.730</p>				<p>Total number of assays tested in: 224.</p>

BRD-K49911380-001-01-4 PubChem CID : 54645972		NA (in 1 replicates)	-0.61	0.965				Total number of assays tested in: 43.
BRD-K05837079-001-01-9 PubChem CID : 54619482		0.67 (in 4 replicates)	-0.48	0.270				Total number of assays tested in: 36.
BRD-K13502206-001-01-5 PubChem CID : 54619445		0.64 (in 4 replicates)	-0.43	0.270				Total number of assays tested in: 39.
BRD-A82394575-001-06-7 MLS000697716 HMS2226C03 SMR000445616 PubChem CID : 13020032		0.52 (in 4 replicates)	-0.42	0.270				Total number of assays tested in: 547. Active in the following assays: <ul style="list-style-type: none">Phorescence Cell-Free Homogenous Primary HTS to Identify Inhibitors of the Ras-converting Enzyme (AID 2563)HTS-Luminescent assay for inhibitors of AIR by detection of hydrogen peroxide production Measured in Biochemical System Using Plate Reader - 2036-02.Inhibitor.SinglePoint.HTS (AID 485317)qHTS Assay for the Inhibitors of Schistosoma Mansonii Peroxiredoxins (AID 485364)Ras-converting Enzyme/Cell Proliferation Pathway Measured in Biochemical System Using Plate Reader - 2034-01.Inhibitor.Dose.CherryPick (AID 488788)Trypsin Inhibition Assay Measured in Biochemical System Using Plate Reader - 2034-02.Inhibitor.Dose.CherryPick.Activity (AID 488789)uHTS identification of small molecule antagonists of the CCR6 receptor via a luminescent beta-arrestin assay (AID 493098)Antagonist of Human D 1 Dopamine Receptor: qHTS (AID 504652)Human Ras-Converting Enzyme Inhibition Assay Measured in Biochemical System Using Plate Reader - 2034-04.Inhibitor.Dose.CherryPick.Activity (AID 588849)uHTS identification of inhibitors of cullin neddylation in a TR-FRET assay (AID 651699)Single concentration confirmation of inhibitors of cullin neddylation in a TR-FRET assay (AID 652217)qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)