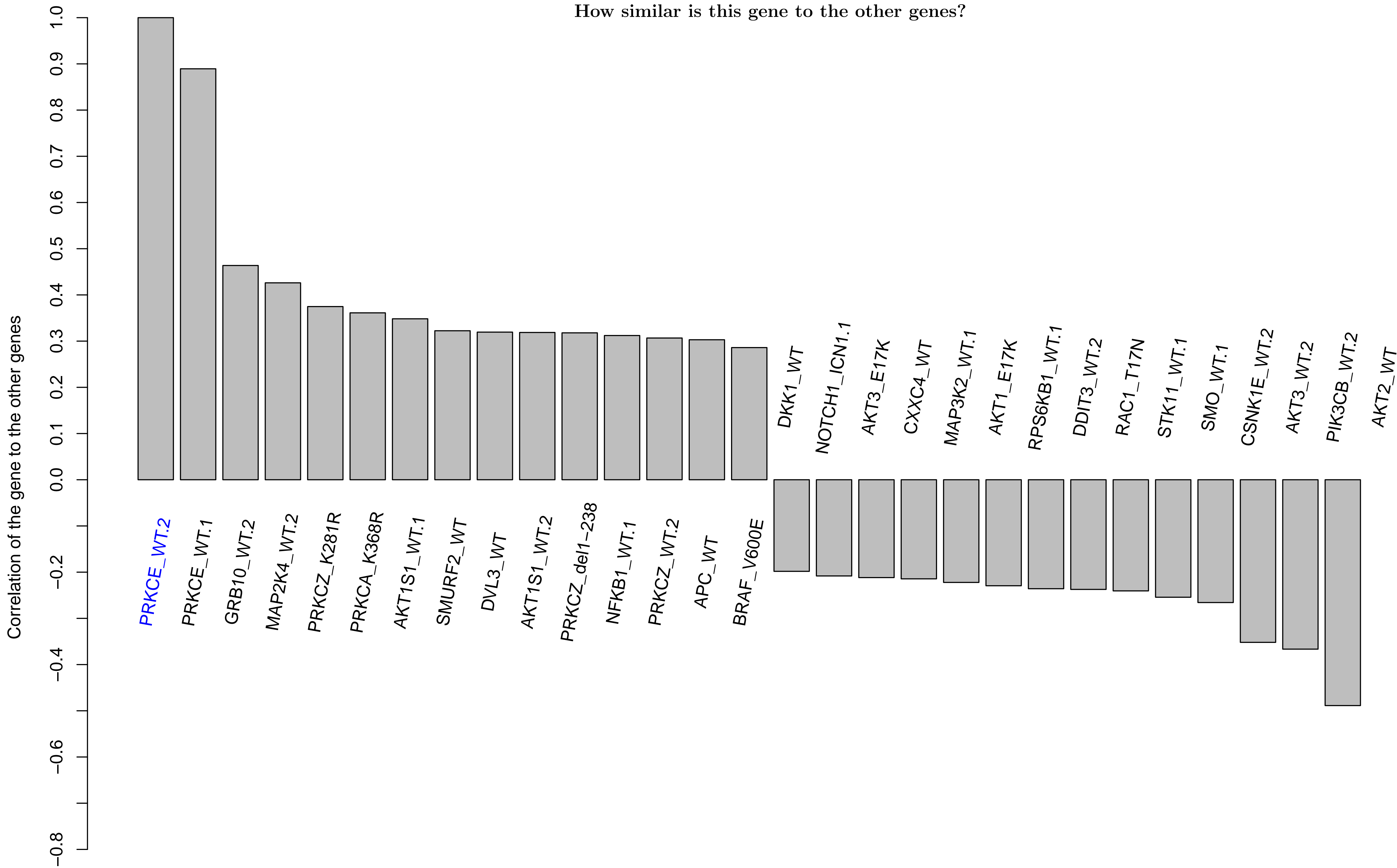
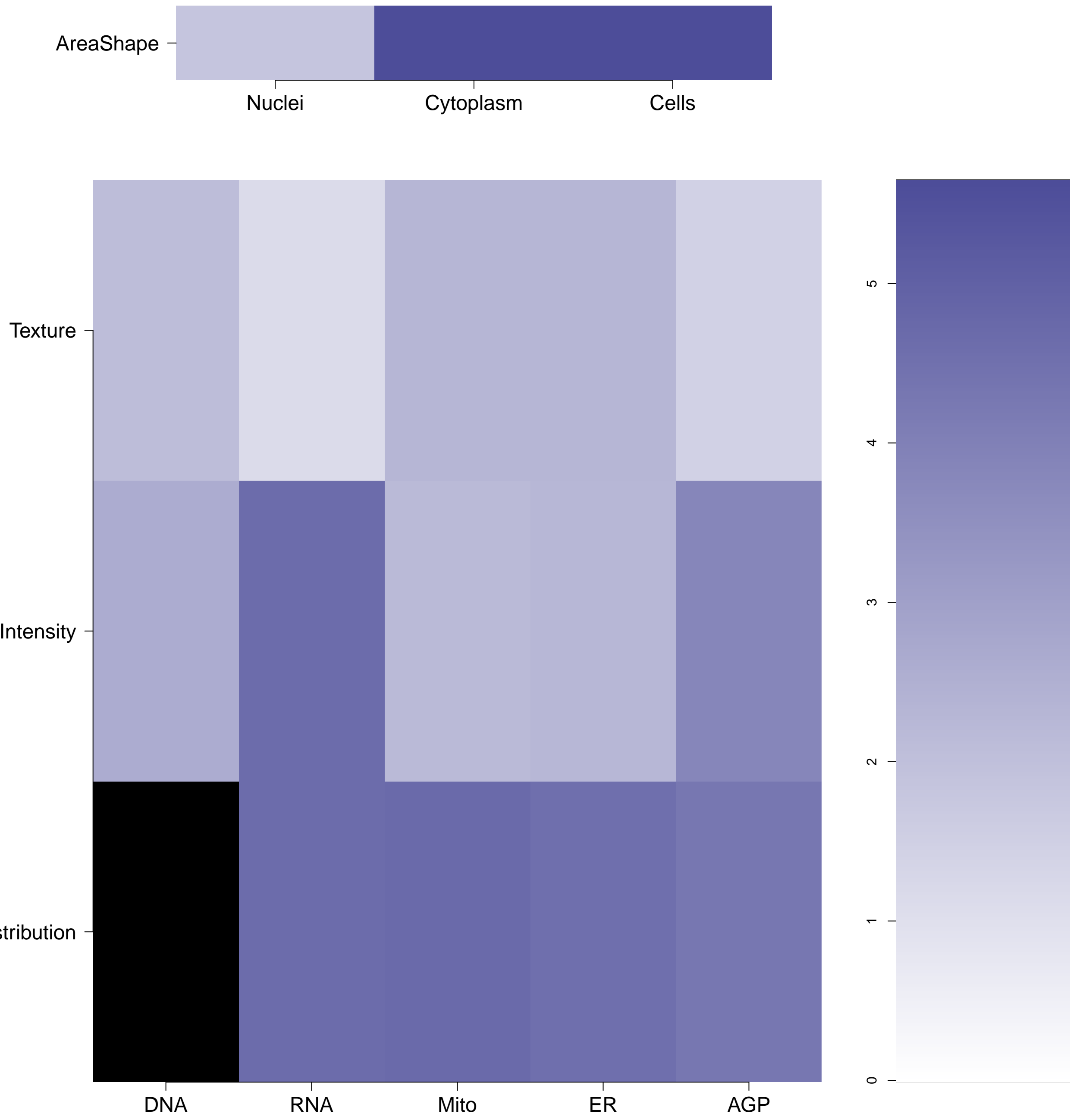


PRKCE.WT.2 - in Canonical PKC

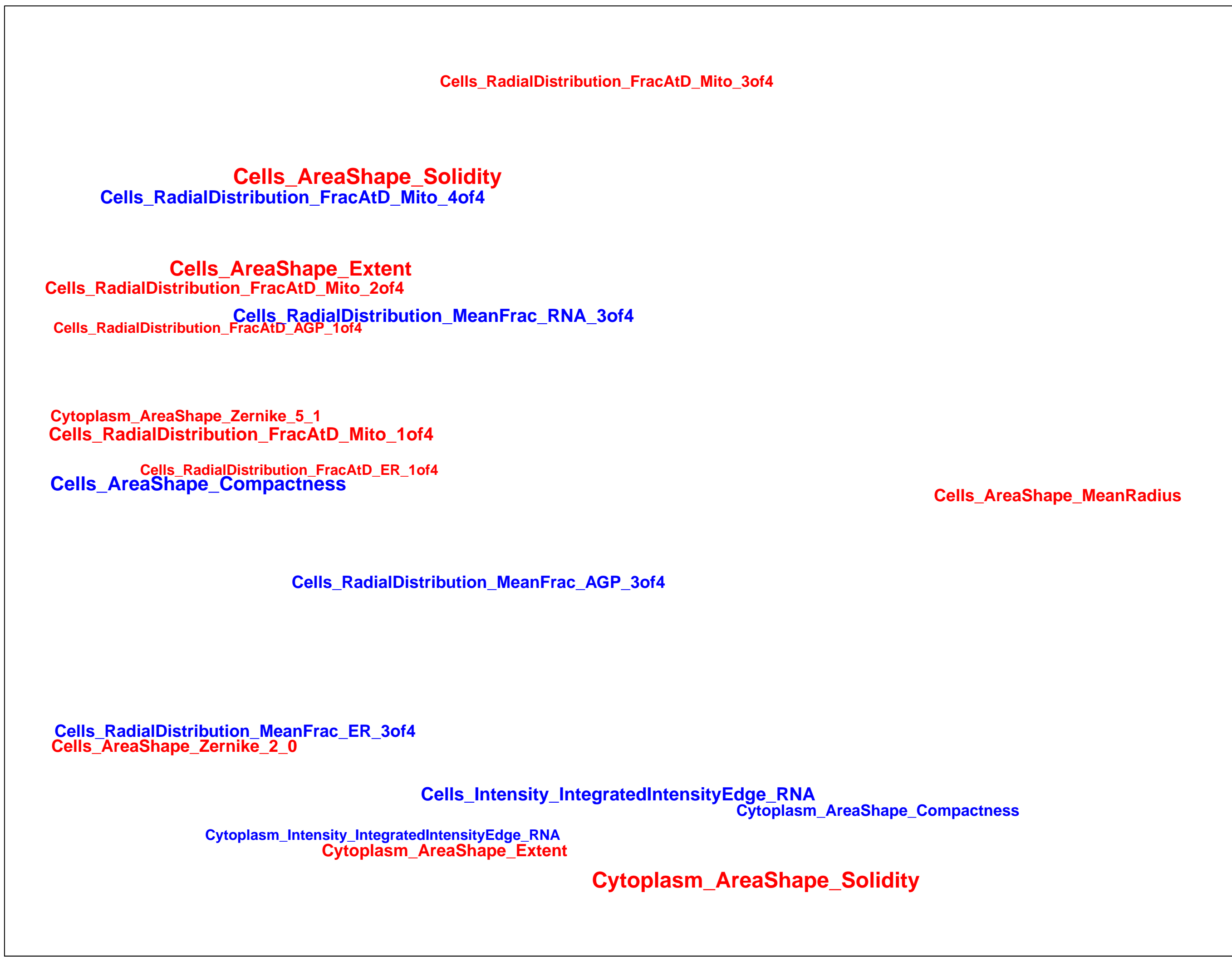
How similar is this gene to the other genes?



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

PRKCE.WT.2 (41744)

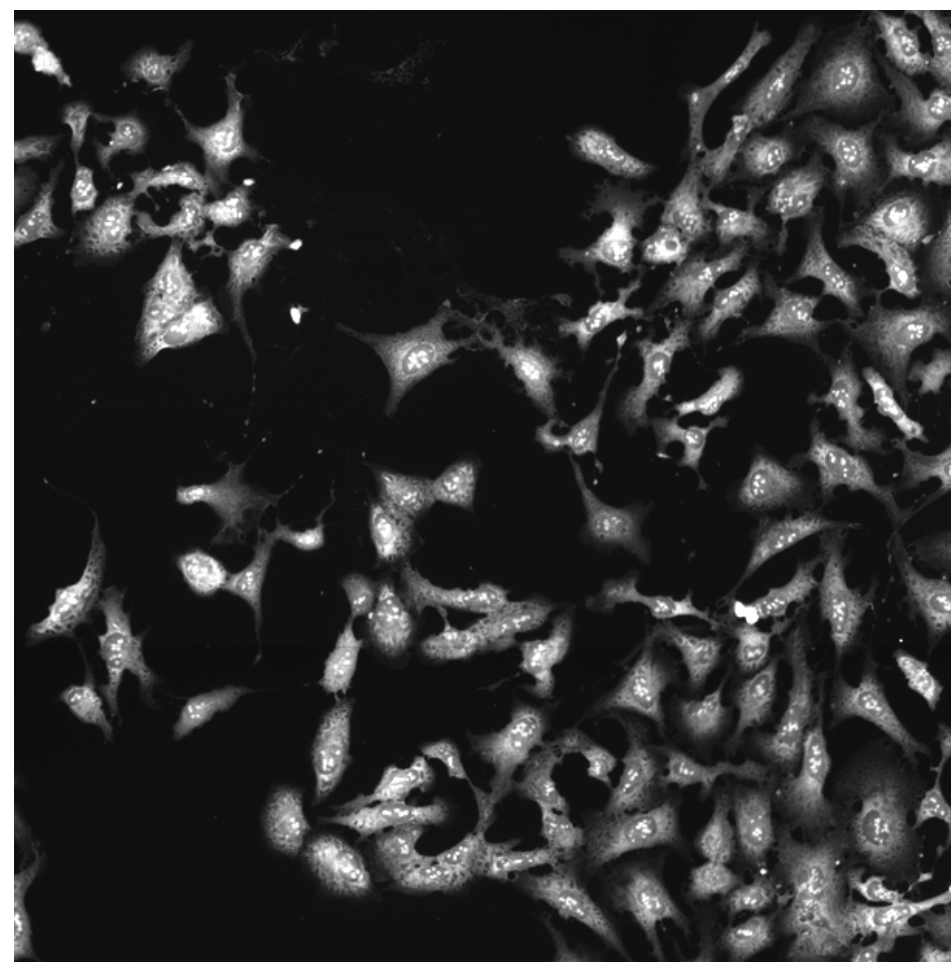
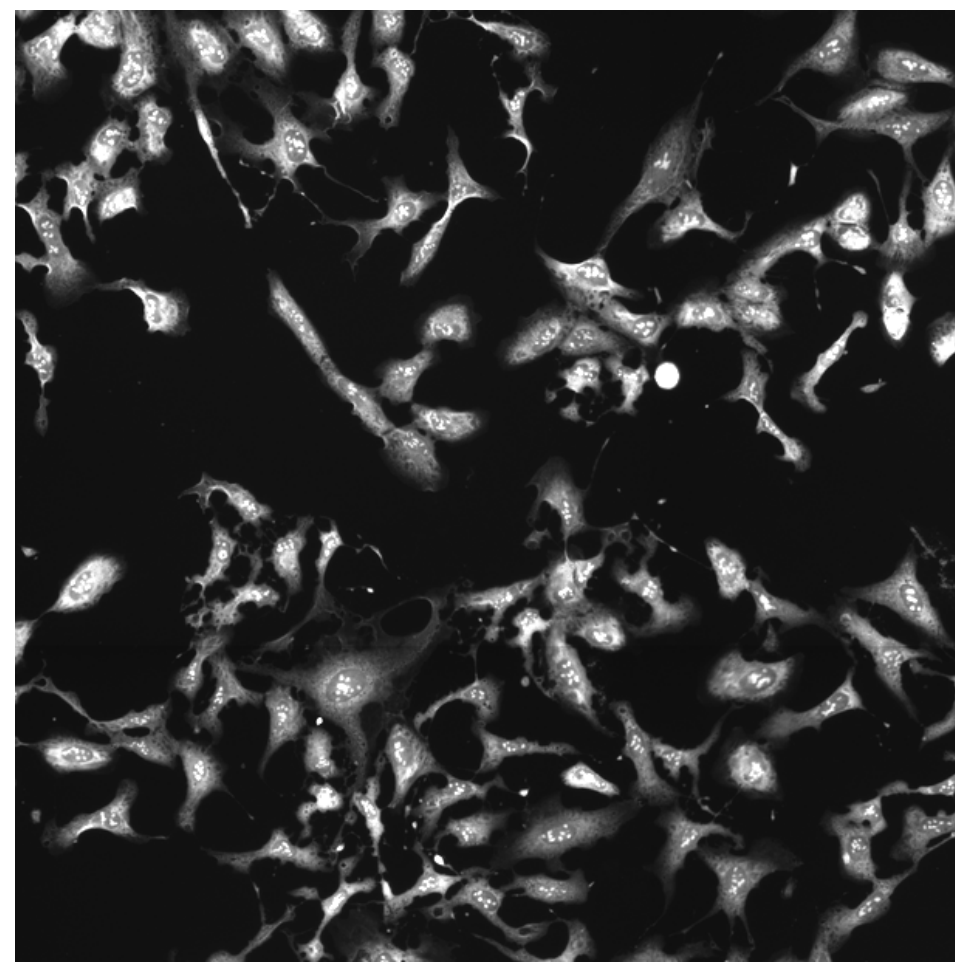
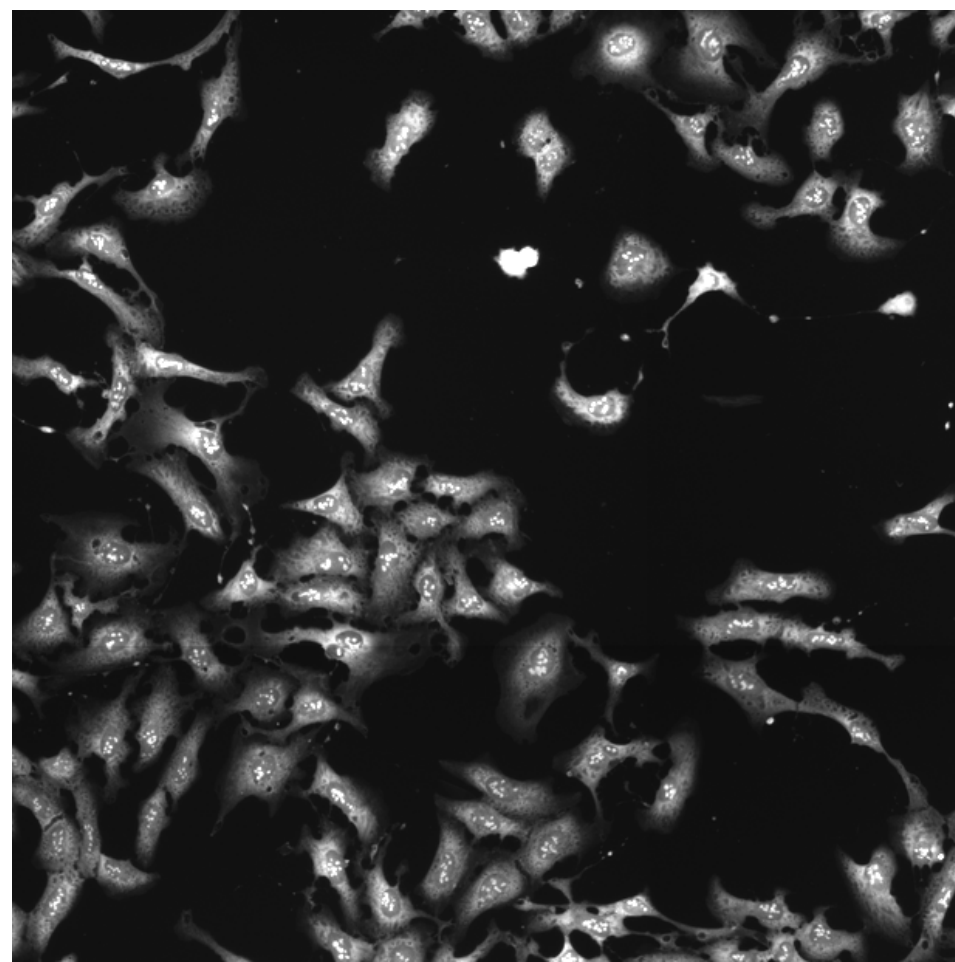
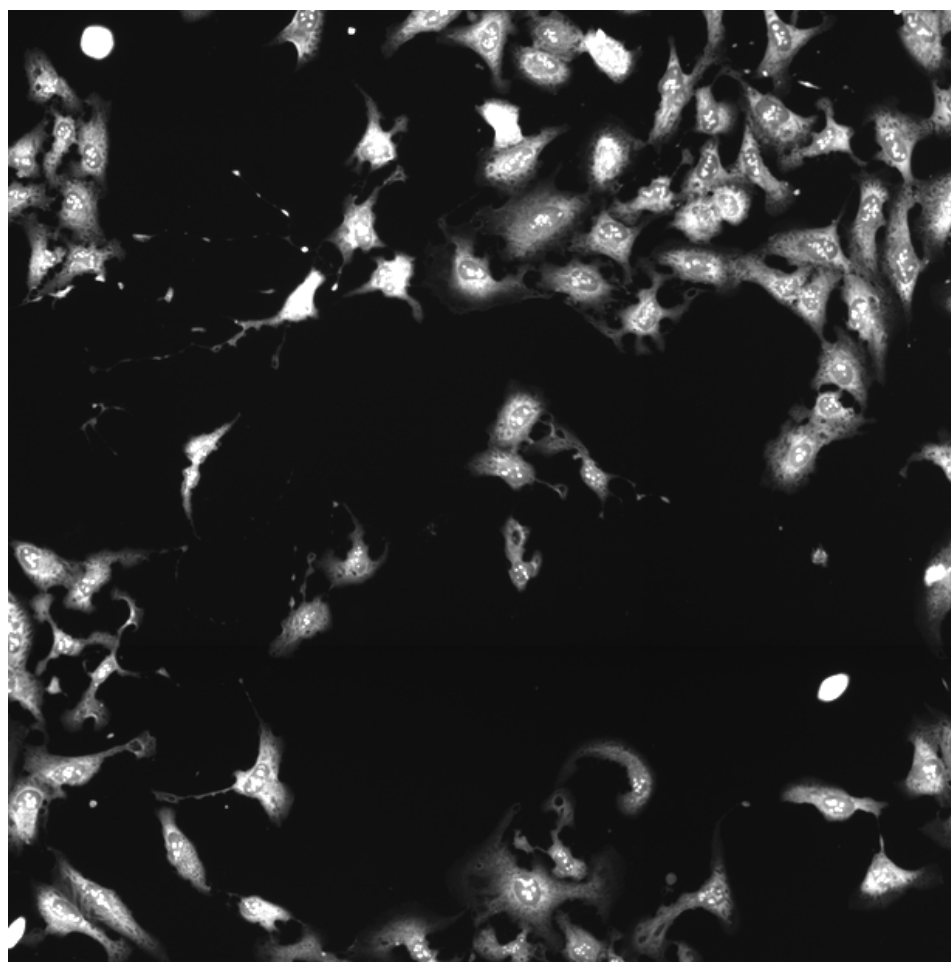
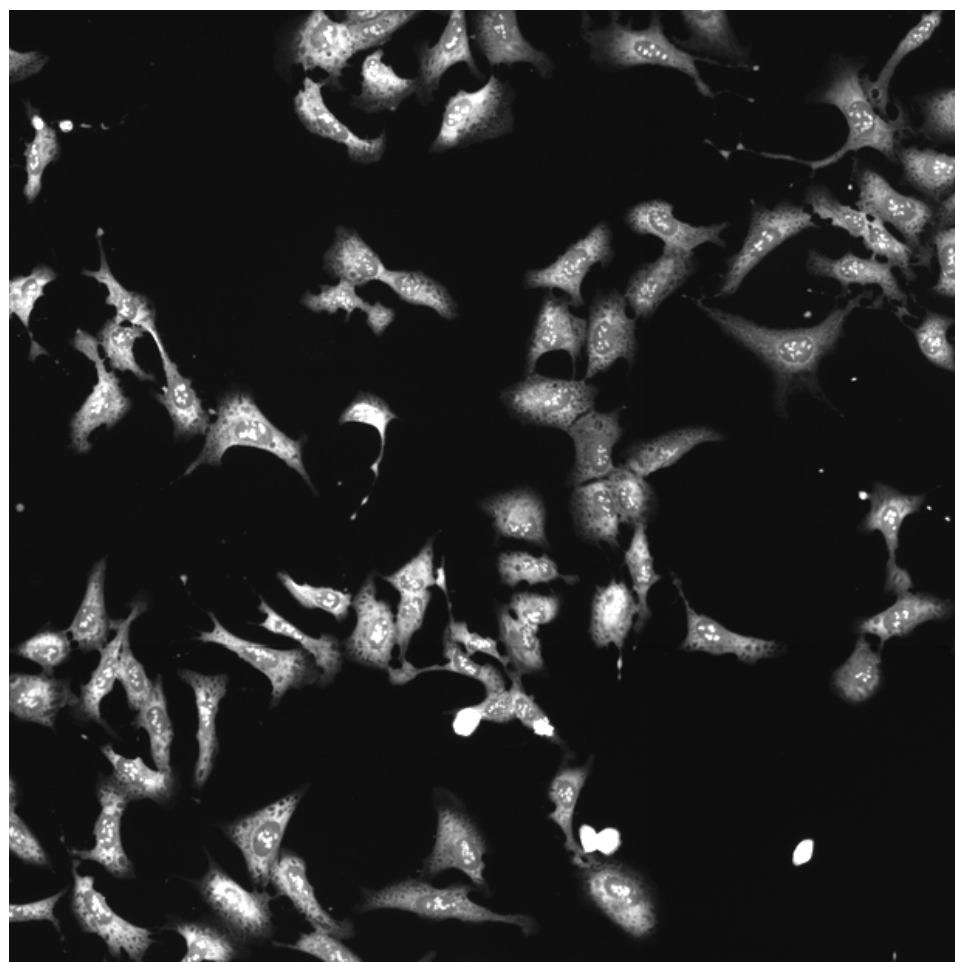
PRKCE.WT.2 (41755)

PRKCE.WT.2 (41756)

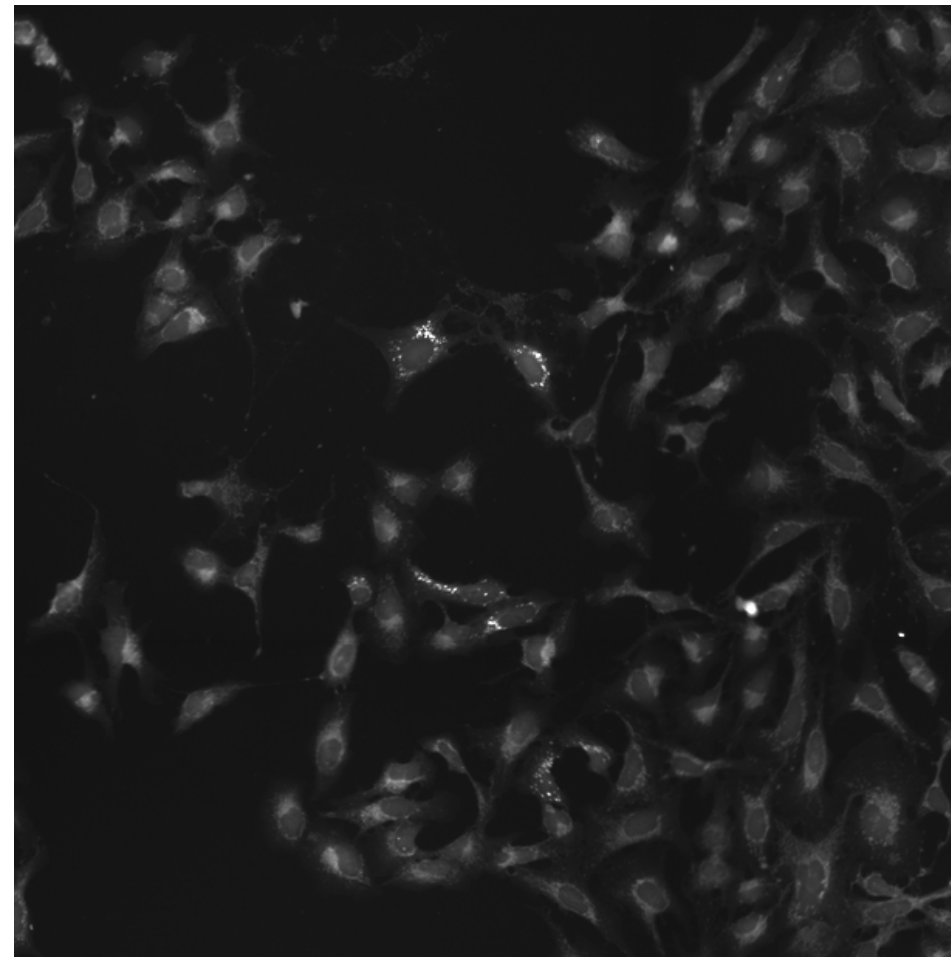
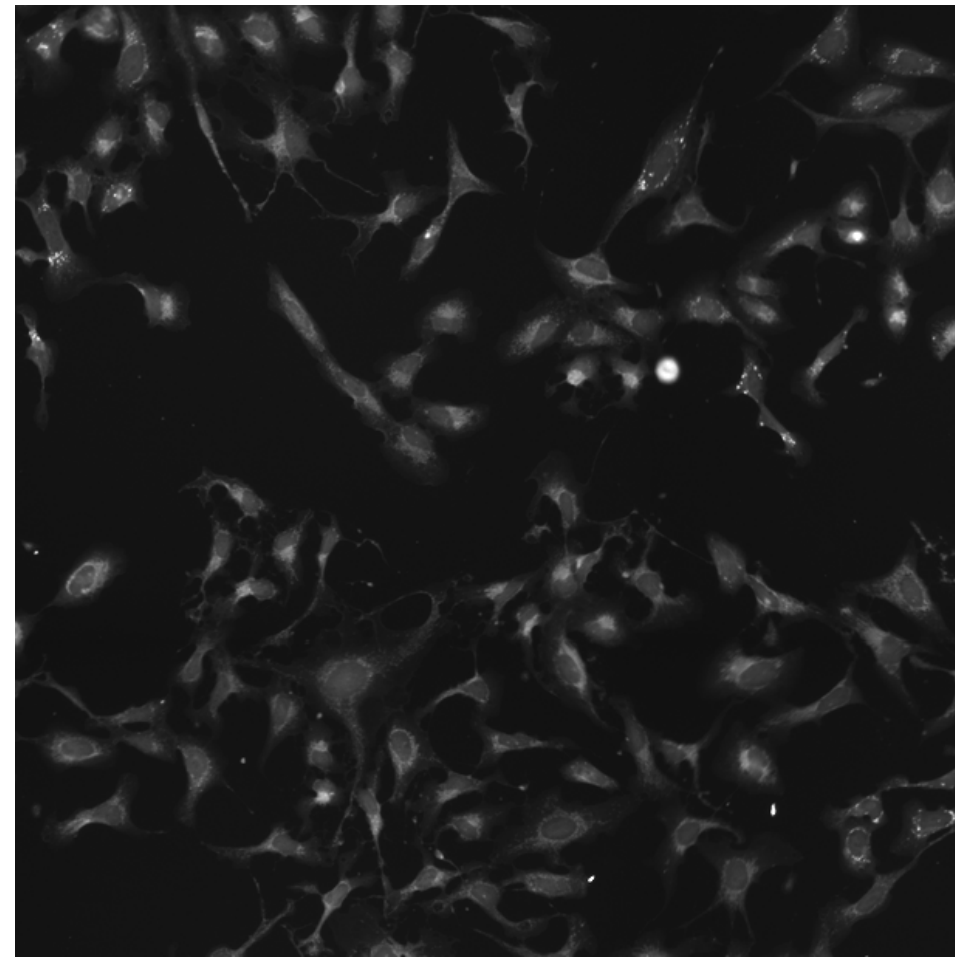
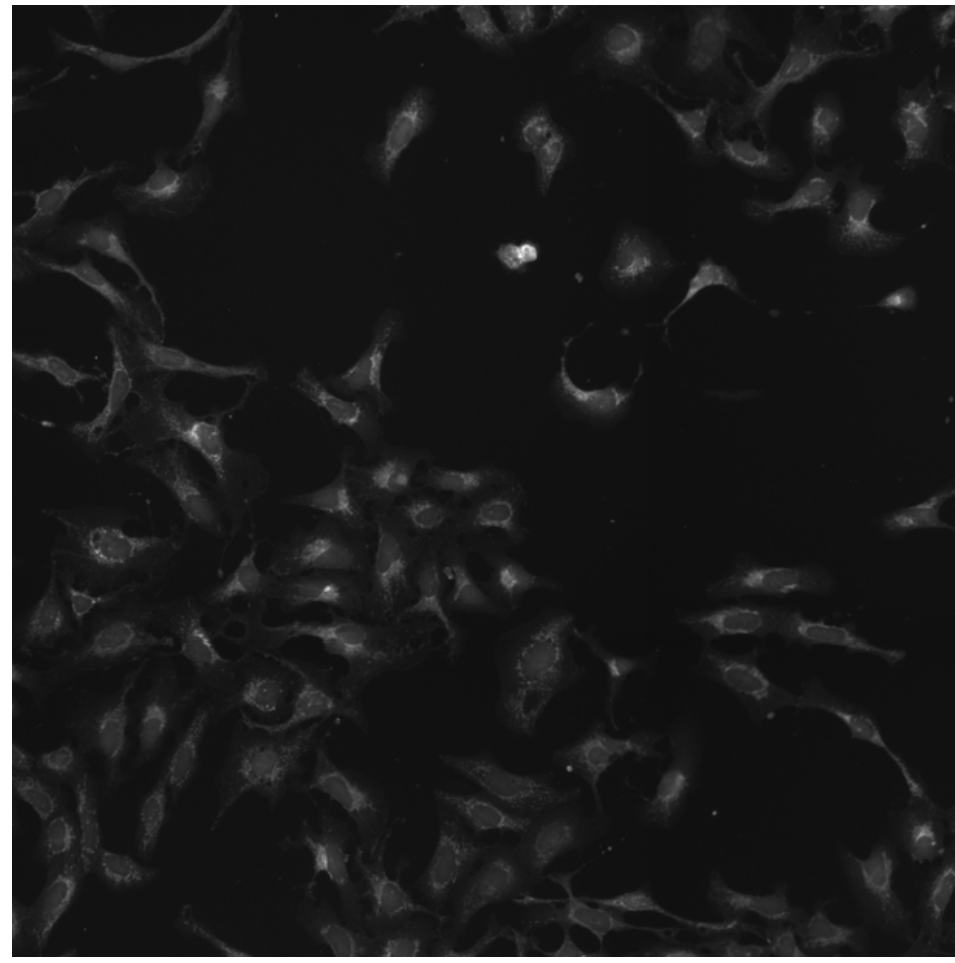
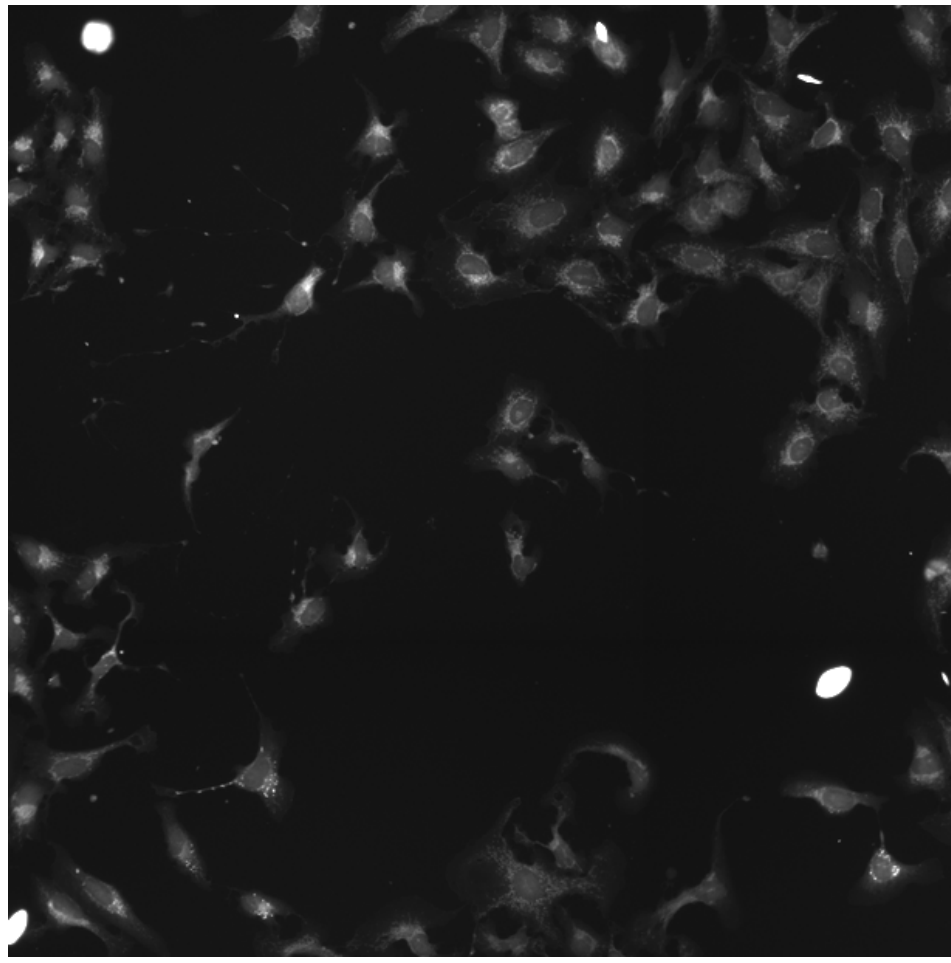
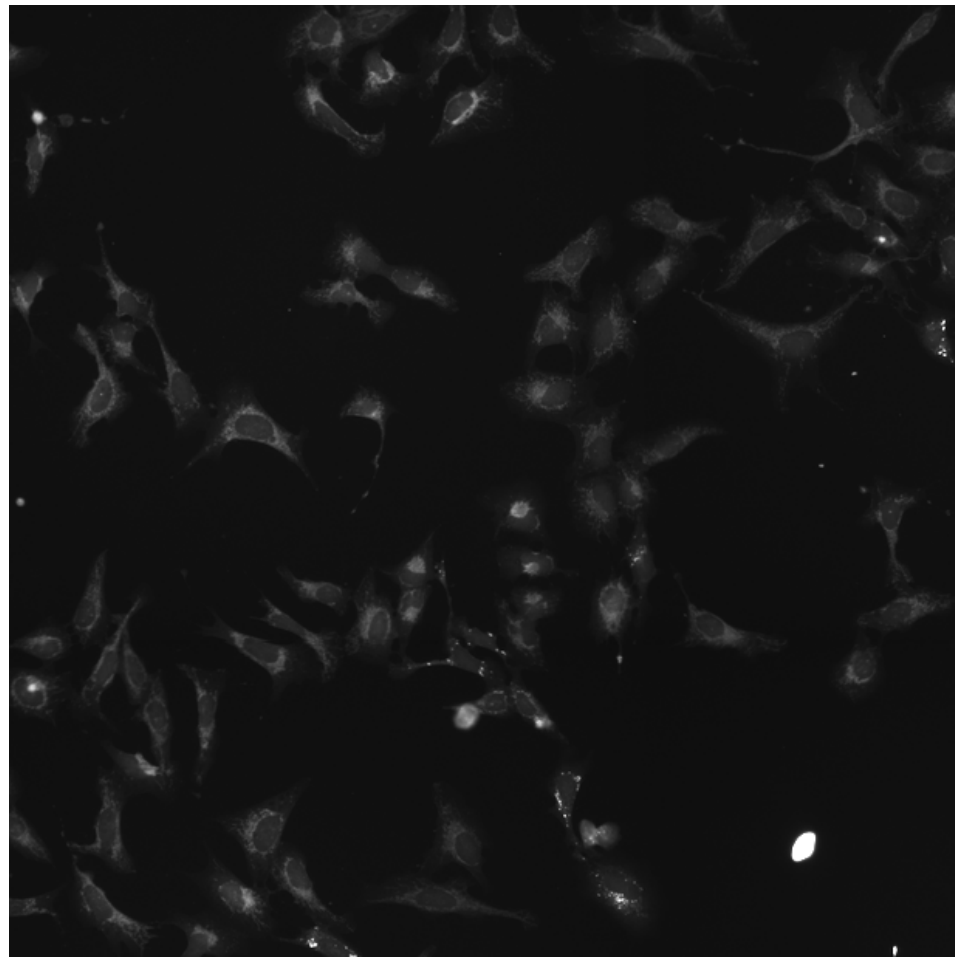
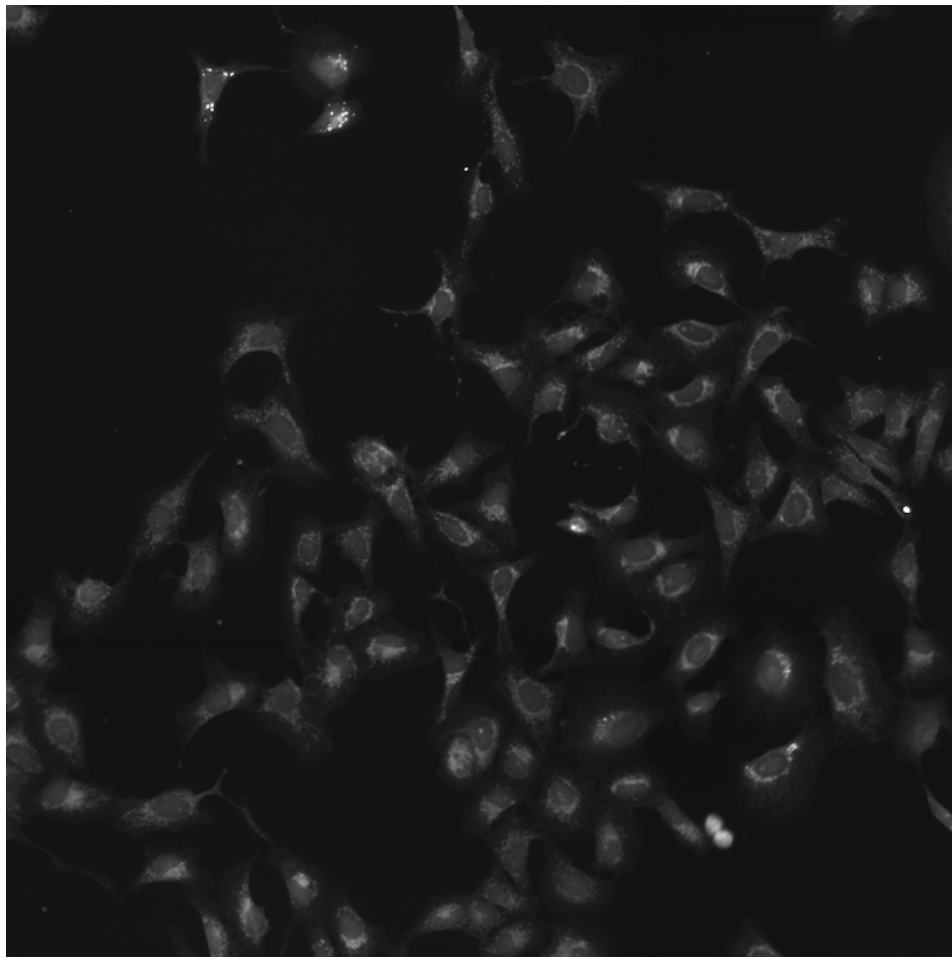
PRKCE.WT.2 (41757)

PRKCE.WT.2 (41754)

RNA

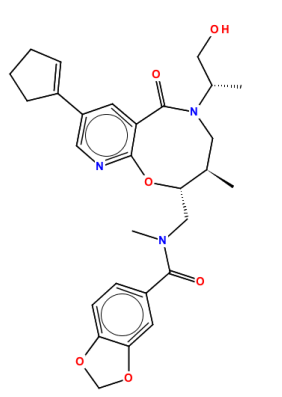
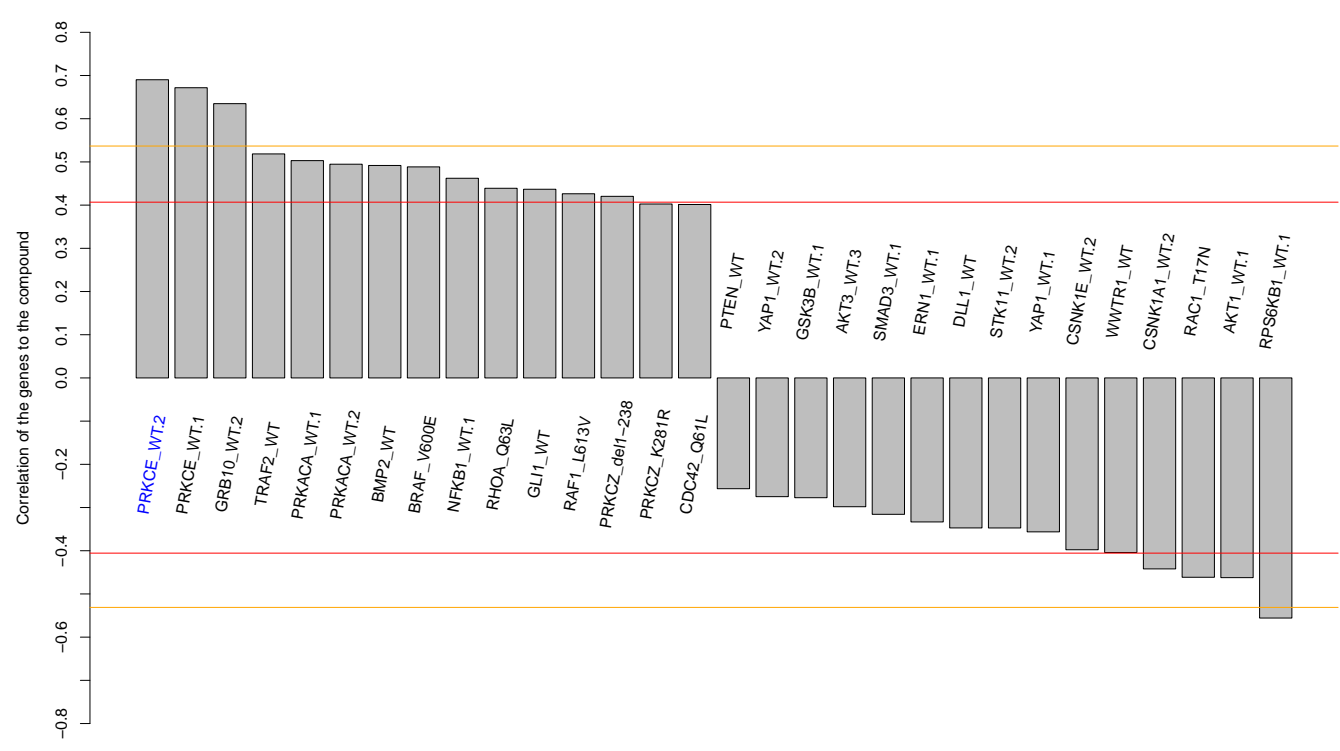
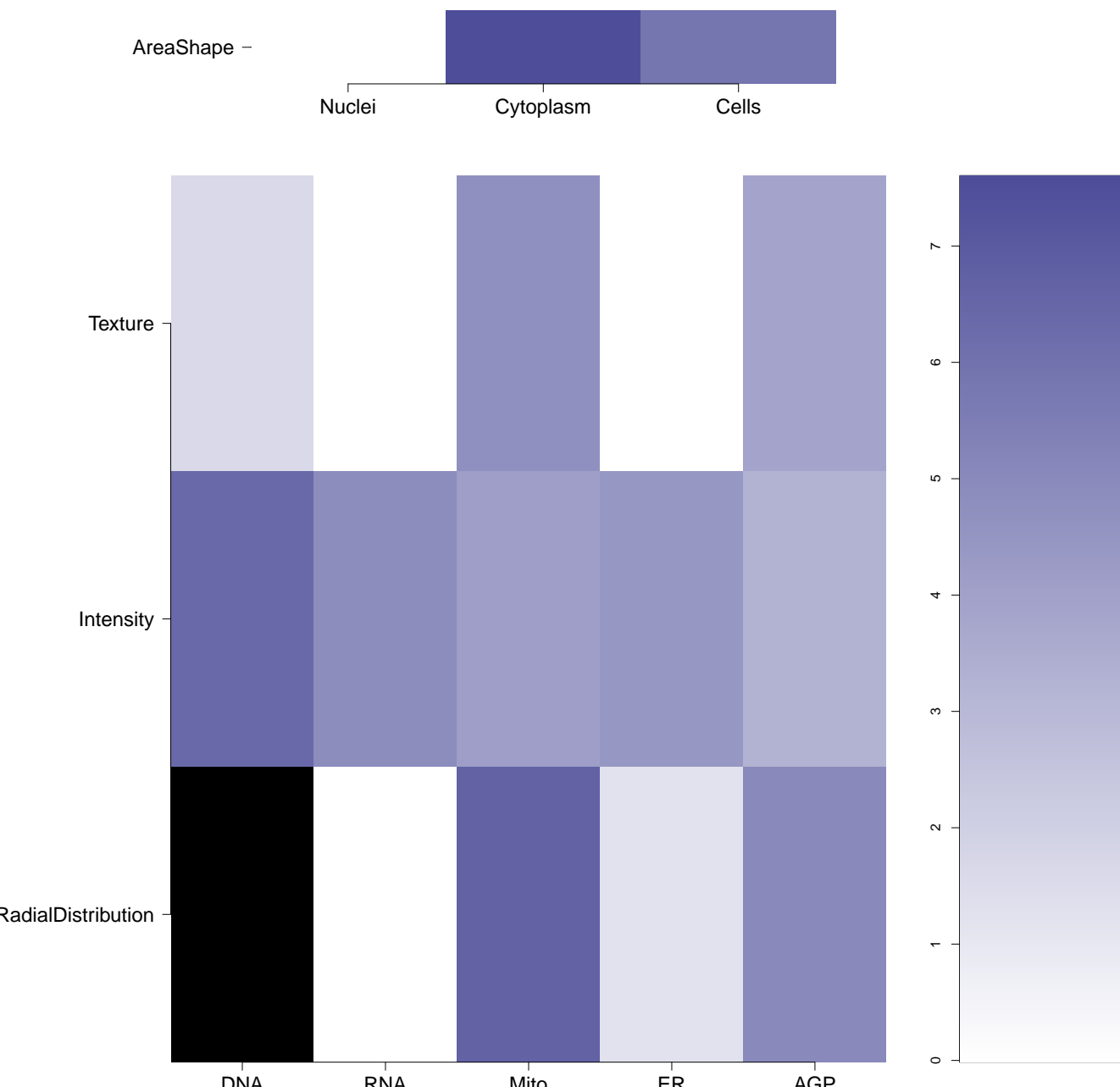

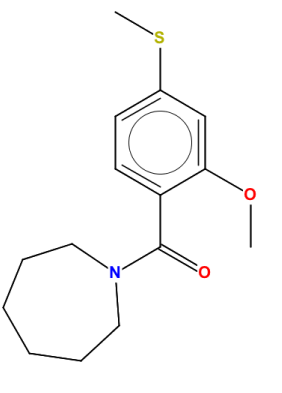
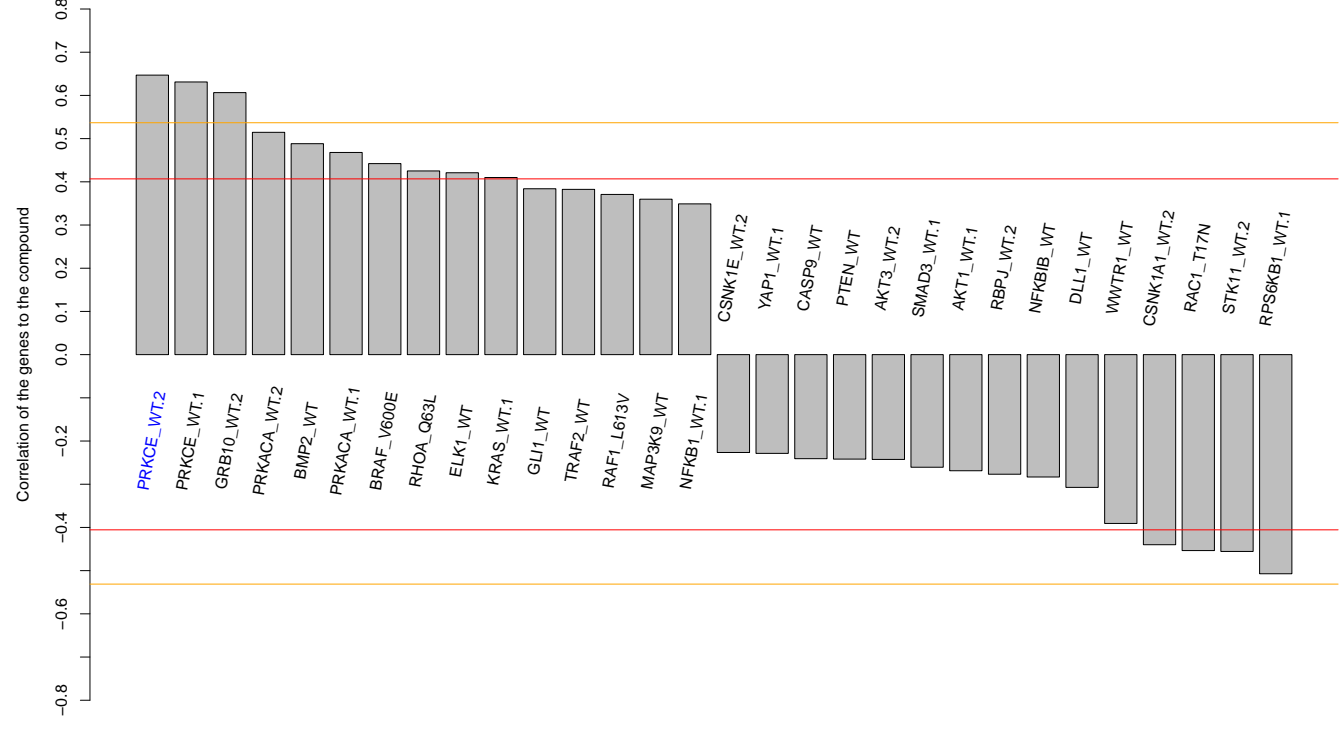
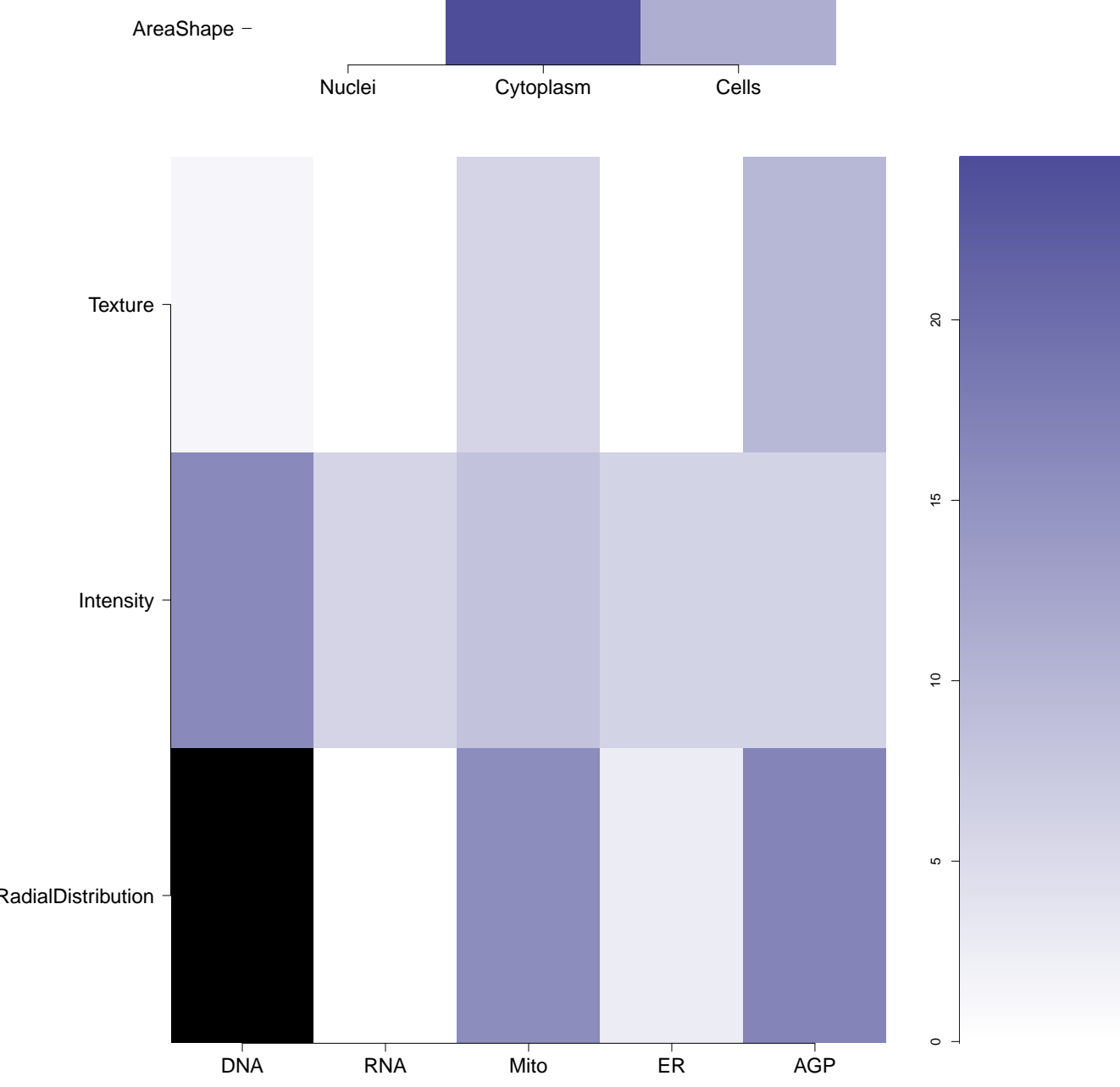
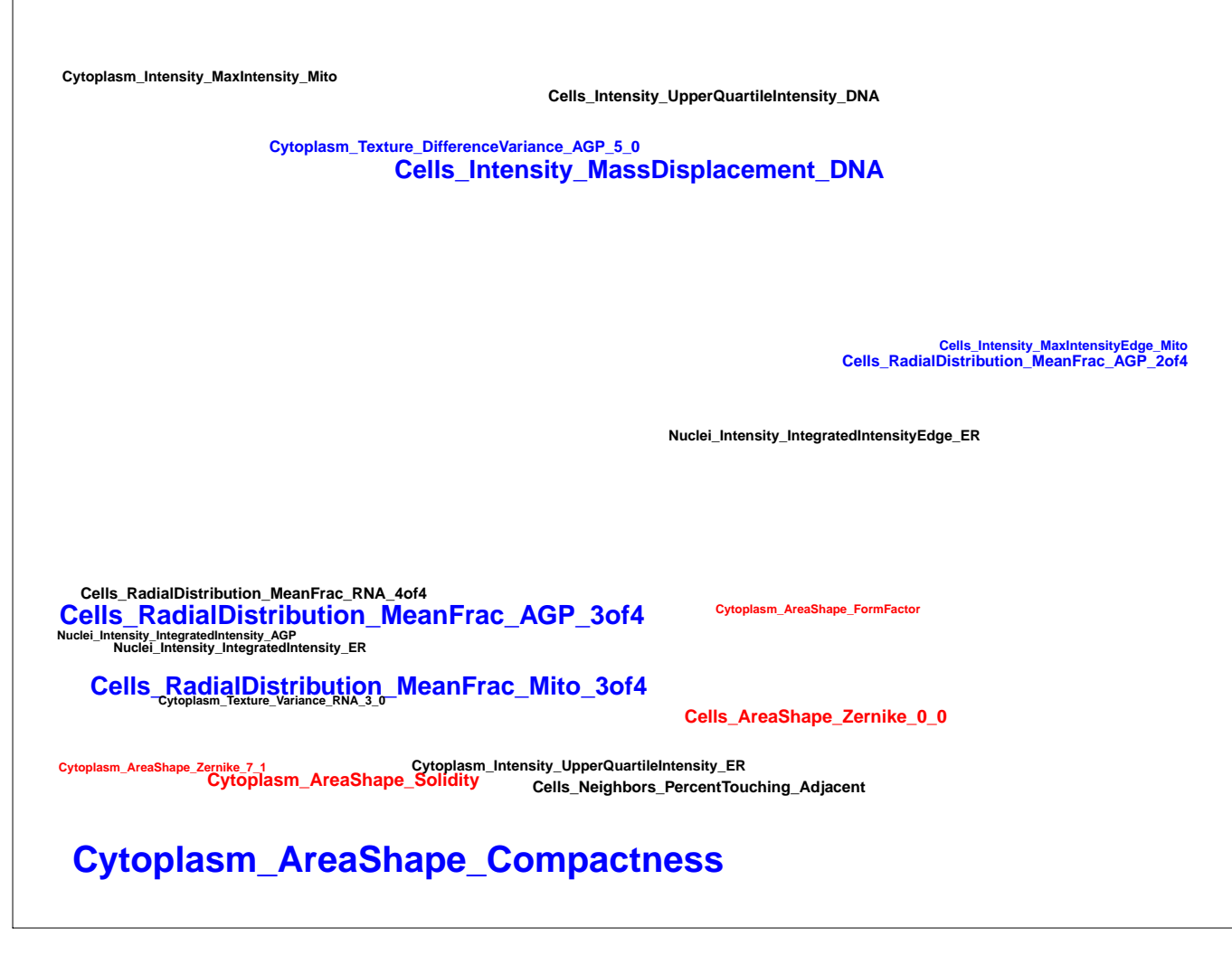
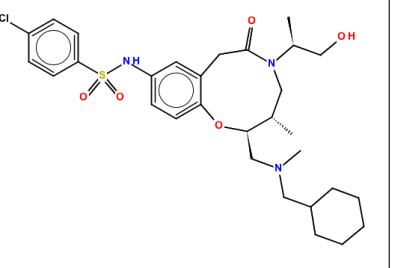
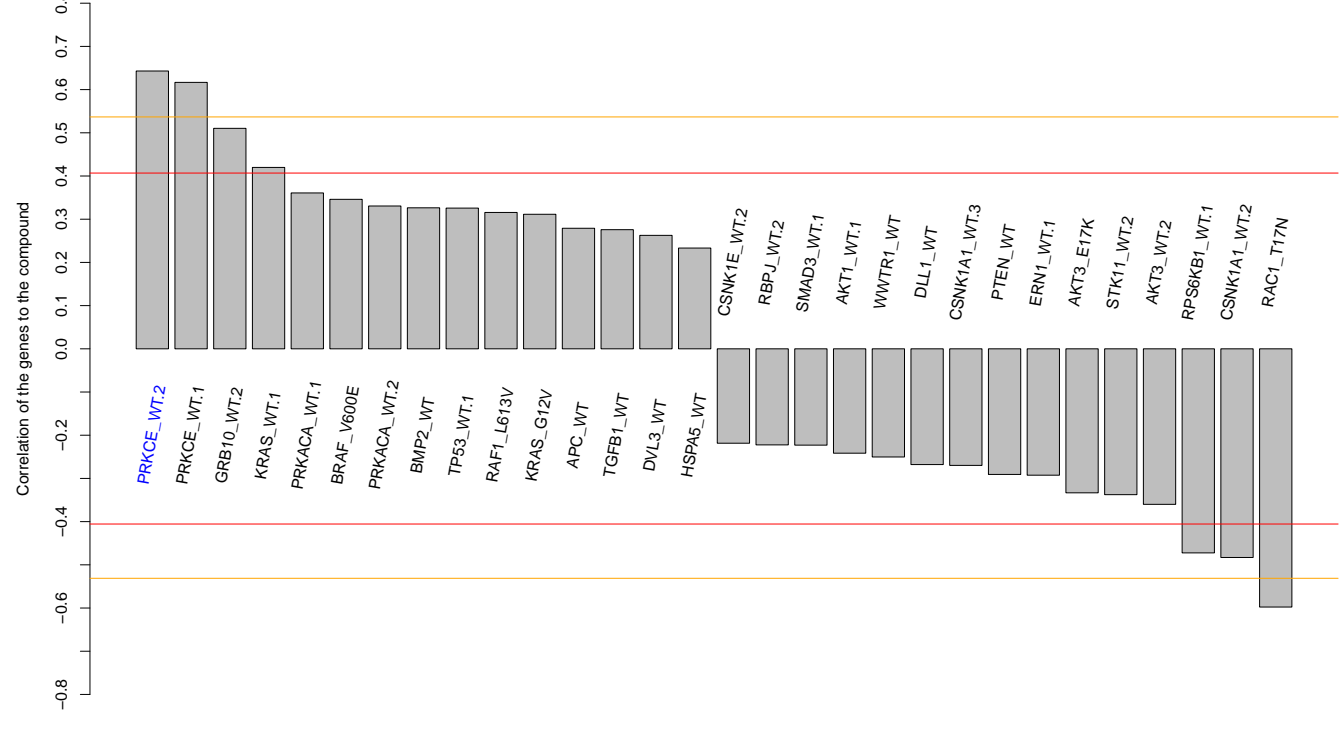
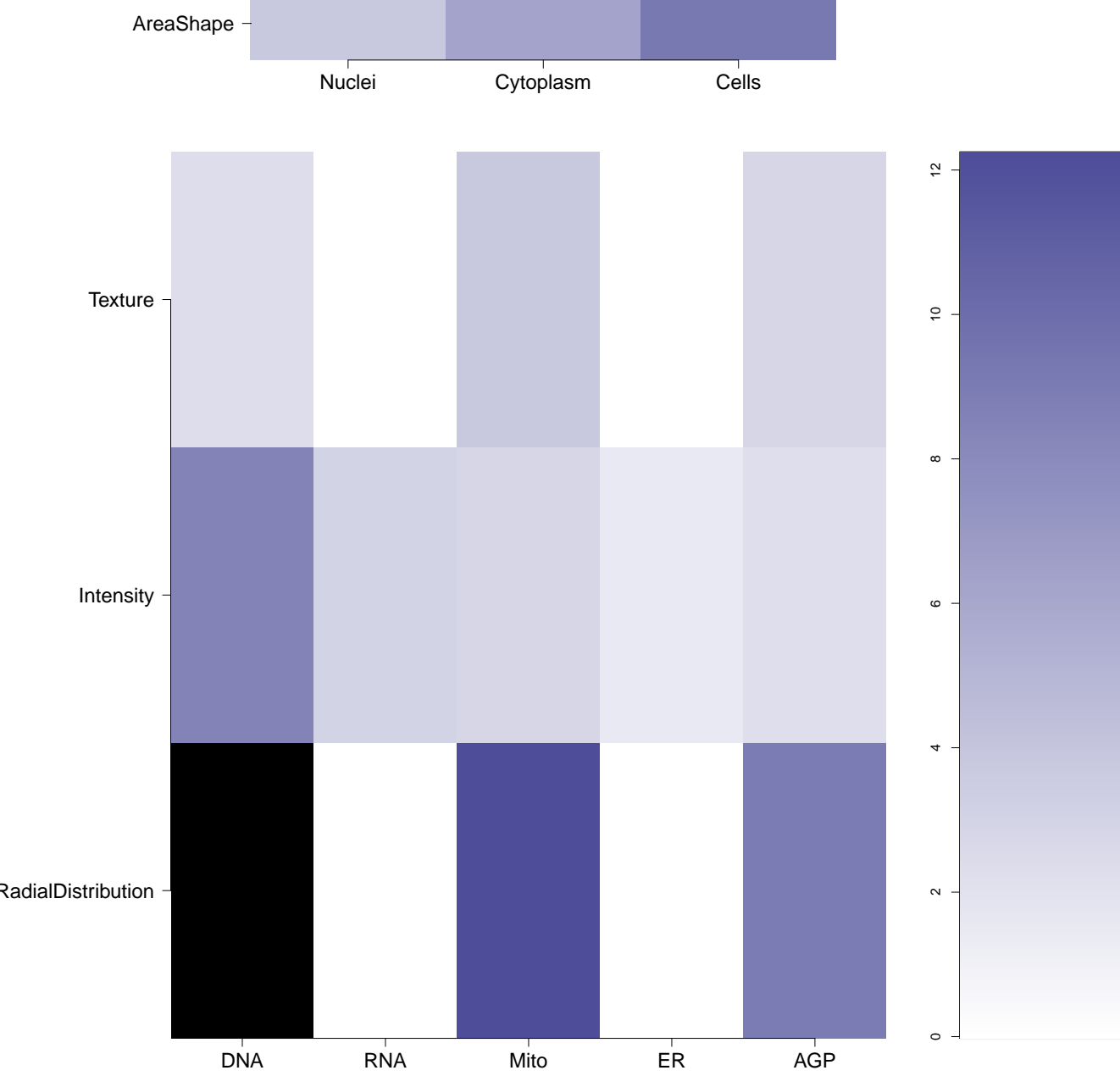

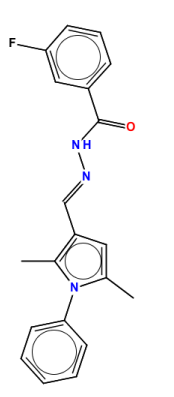
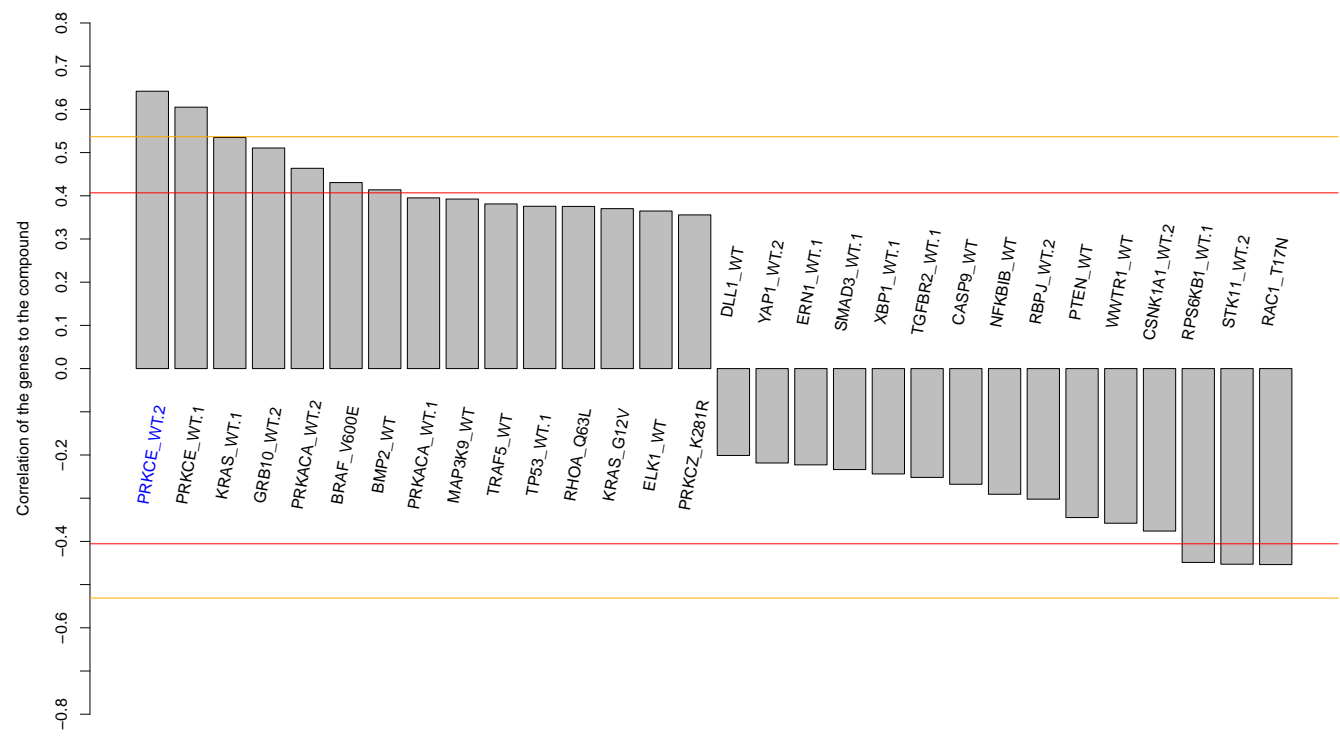
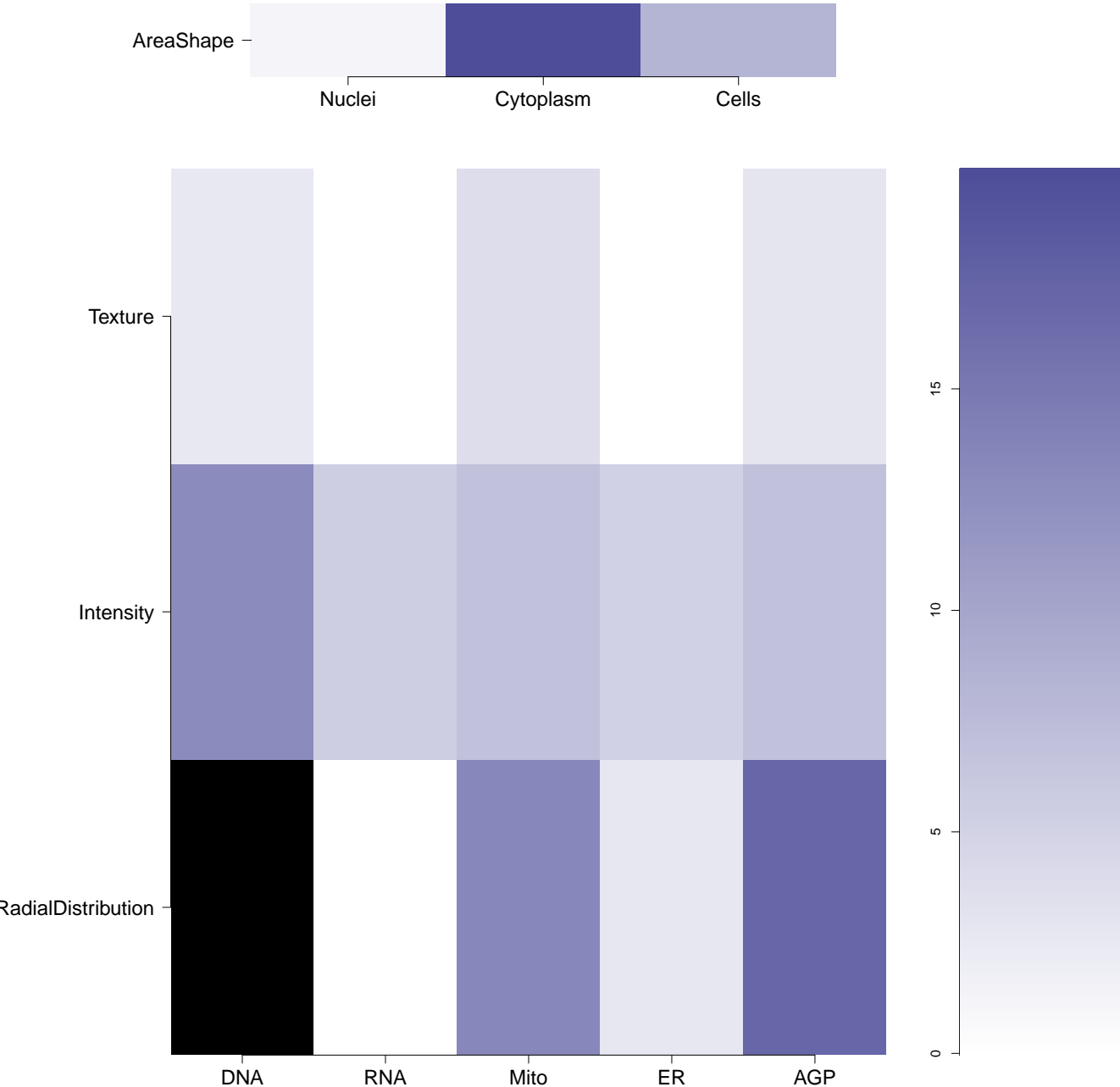
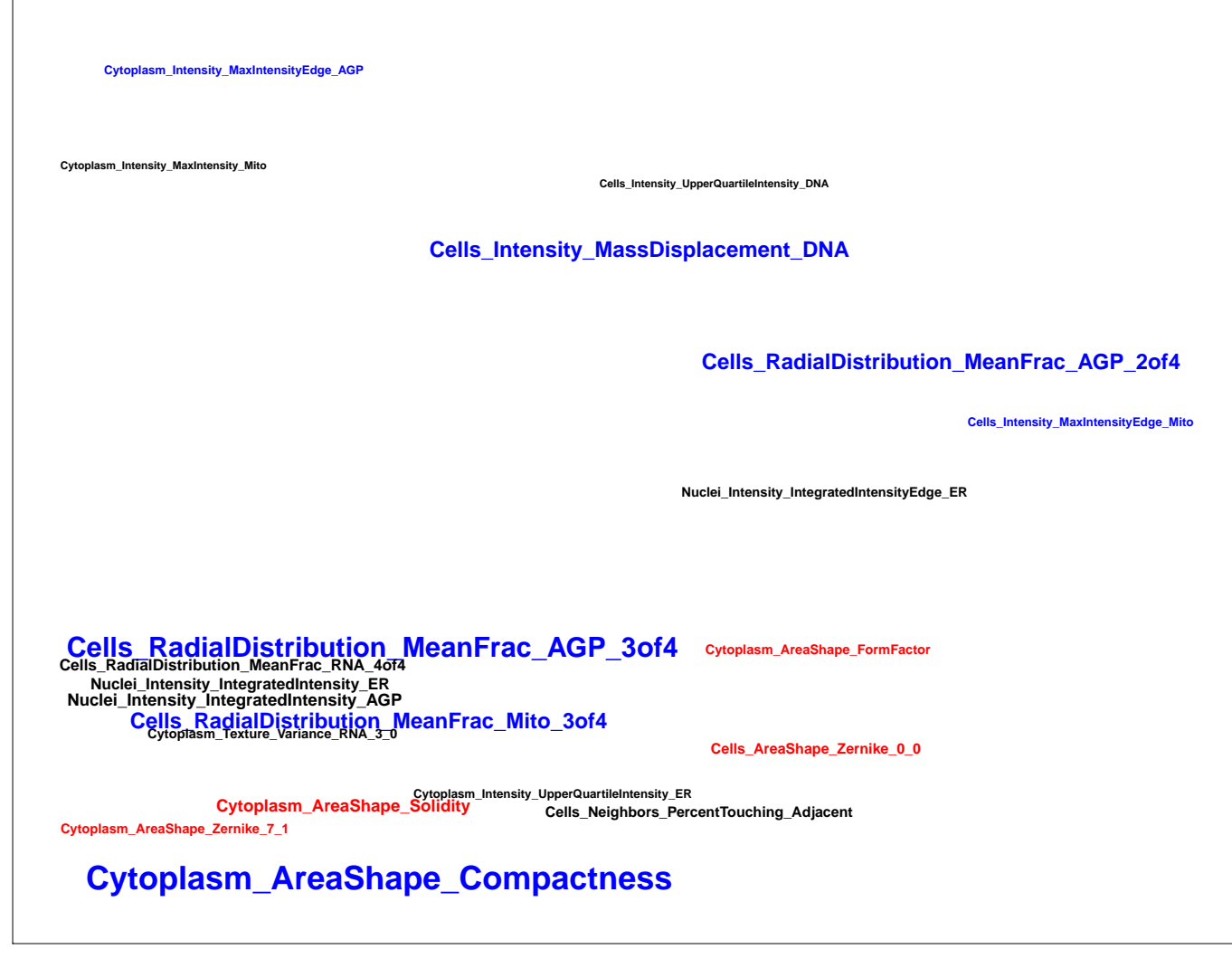
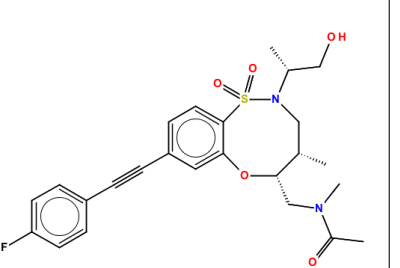
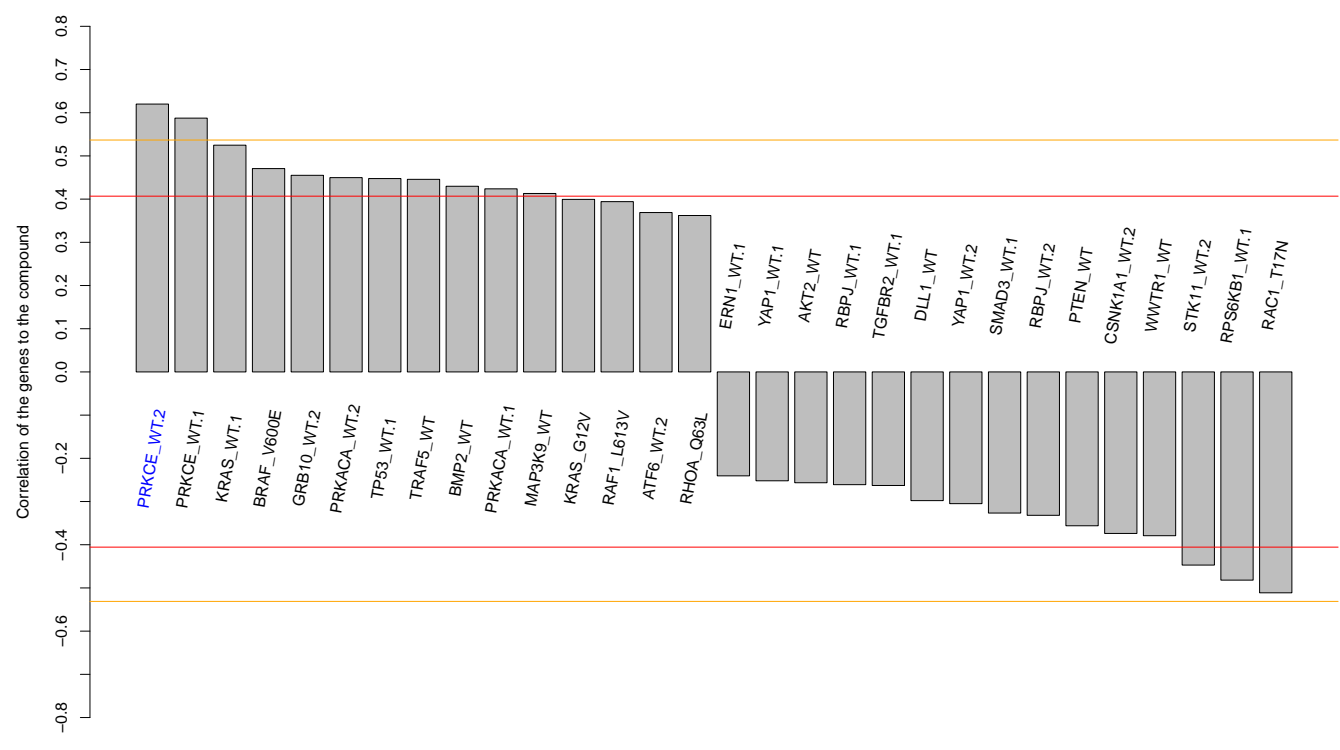
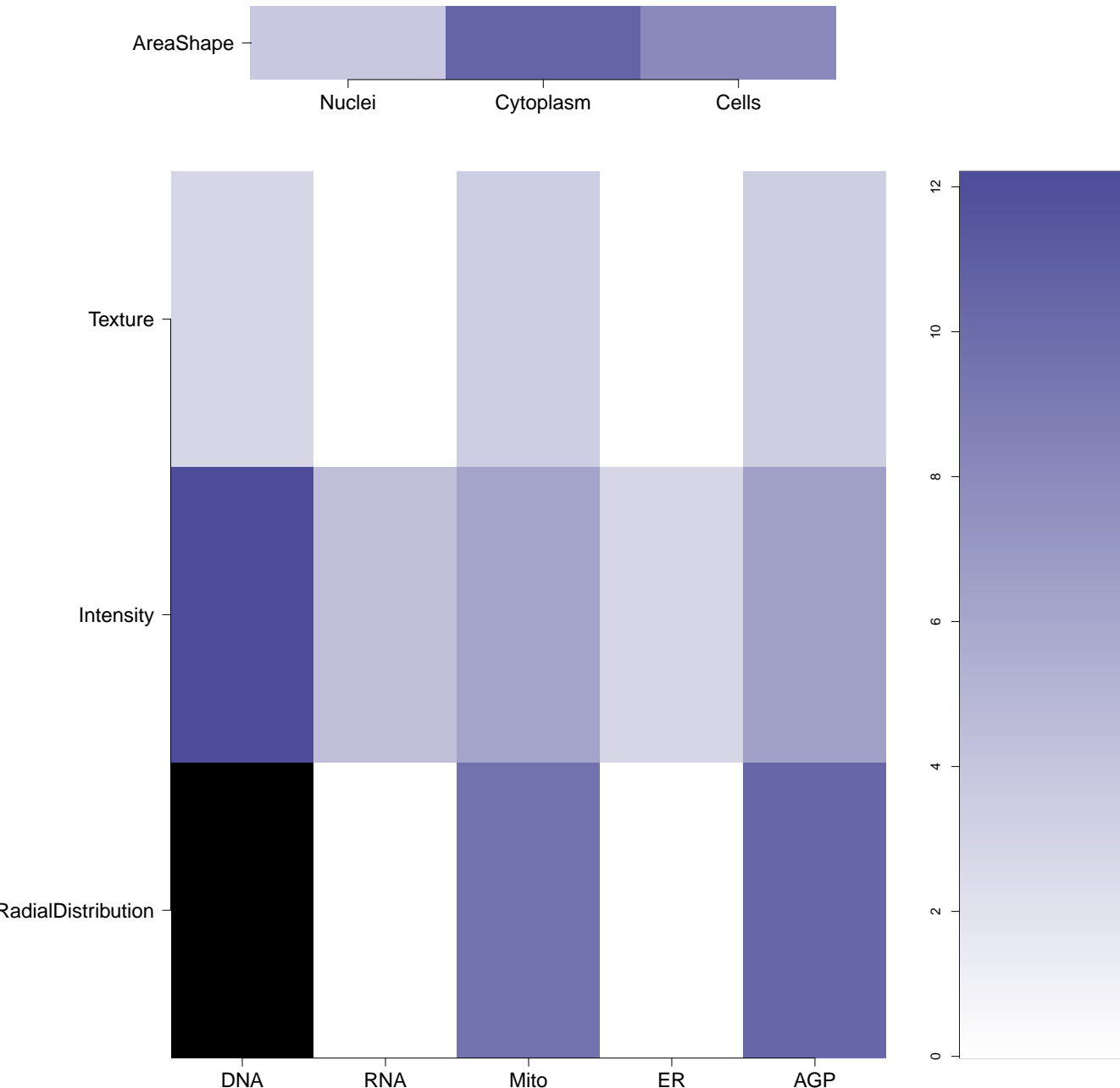
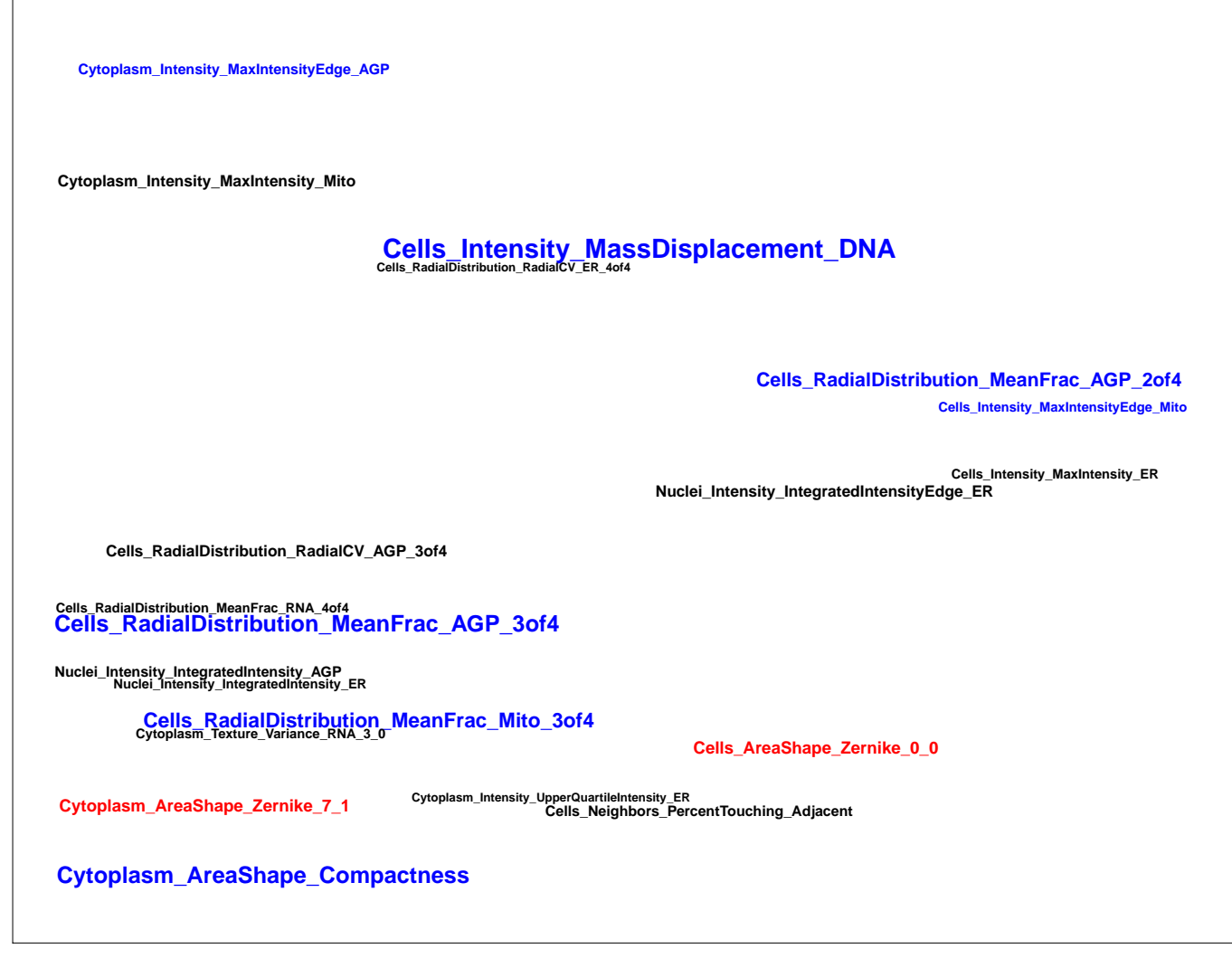


Mito



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 0.52)	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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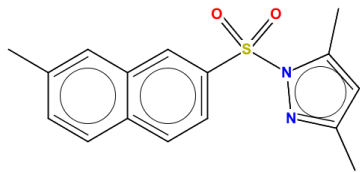
BRD-K36394966-001-01-0 PubChem CID : 54618613		0.93 (in 4 replicates)	0.69	0.653				Total number of assays tested in: 34.
BRD-K48966181-001-06-9 ST50591150 MLS000110969 AC1LFUD4 HMS1611M08 HMS2365A16 ZINC227696 STK019124 ZINC00227696 SMR000106898 PubChem CID : 760119		0.95 (in 2 replicates)	0.65	NA				<p>Total number of assays tested in: 755. Active in the following assays:</p> <ul style="list-style-type: none"> <li>qHTS Assay for Inhibitors of HPGD (15-Hydroxyprostaglandin Dehydrogenase) (AID 804)</li> <li>Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domain, specifically MEK5 MEK Kinase3 Wildtype (AID 1529)</li> <li>Luminescence Microorganism Primary HTS to Identify Inhibitors of the SUMOylation Pathway Using a Temperature Sensitive Growth Reversal Mutant Mot1-301 (AID 2716)</li> </ul>
BRD-K47783463-001-01-9 PubChem CID : 44485701		0.94 (in 3 replicates)	0.64	0.254				<p>Total number of assays tested in: 41. Active in the following assays:</p> <ul style="list-style-type: none"> <li>Luminescence Cell-Based Primary HTS to Identify Inhibitors of STK33 (AID 2330)</li> <li>HTS for suppressors of simvastatin-induced myotoxicity in differentiated C2C12 cells Measured in Cell-Based System Using Plate Reader - 2112-01.Suppressor.SinglePoint.HTS.Activity (AID 602340)</li> <li>mutant P53 Measured in Biochemical System Using Small Molecule MicroArray - 2077-01.Other.SinglePoint.HTS.Activity (AID 624136)</li> <li>NF-KappaB Measured in Biochemical System Using Small Molecule MicroArray - 2080-01.Other.SinglePoint.HTS.Activity (AID 624139)</li> <li>SMM c-myc Measured in Biochemical System Using Small Molecule MicroArray - 2081-01.Other.SinglePoint.HTS.Activity (AID 624141)</li> <li>HTS for suppressors of simvastatin-induced myotoxicity in differentiated C2C12 cells Measured in Cell-Based System Using Plate Reader - 2112-01.Other.Dose.CherryPick.Activity (AID 624405)</li> </ul>
BRD-K19953419-001-07-4 MLS000722961 ZINC13146701 SMR000304956 PubChem CID : 9666375		0.90 (in 2 replicates)	0.64	NA				<p>Total number of assays tested in: 628. Active in the following assays:</p> <ul style="list-style-type: none"> <li>Counter Screen for Luciferase-based Primary Inhibition Assays (AID 1006)</li> <li>Luminescence-based primary biochemical high throughput screening assay to identify inhibitors of the Heat Shock Protein 90 (HSP90) (AID 1789)</li> <li>MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814)</li> <li>Luminescence-based confirmation biochemical high throughput screening assay for inhibitors of the Heat Shock Protein 90 (HSP90) (AID 1846)</li> <li>Luminescence-based counterscreen assay for HSP90 inhibitors: biochemical high throughput screening assay to identify inhibitors of native luciferase. (AID 1847)</li> <li>High throughput discovery of novel modulators of ROMK K+ channel activity: Primary Screen (AID 1918)</li> <li>HCS assay for microtubule stabilizers (AID 2205)</li> <li>Luminescence Cell-Based Dose Confirmation to Identify Activators of 5'UTR Stem-Loop Driven Alpha-Synuclein mRNA Translation in H4 Neuroglioblastoma Cells (AID 2450)</li> <li>Luminescence Cell-Based Dose Response to Identify Activators of Luciferase Translation or Activity in H4-C Neuroglioblastoma Cells (AID 2456)</li> <li>Luminescence Cell-Based Dose Response to Identify Activators of 5'UTR Stem-Loop Driven Prion Protein mRNA Translation in H4-C Neuroglioblastoma Cells (AID 2457)</li> <li>VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546)</li> <li>qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)</li> <li>qHTS Assay for Rab9 Promoter Activators (AID 485297)</li> <li>qHTS Assay for NPC1 Promoter Activators (AID 485313)</li> <li>HTS using Di-HDL to assay lipid transfer in hIdA[SR-BI] cells Measured in Cell-Based System Using Plate Reader - 2085-01.Inhibitor.SinglePoint.HTS.Activity (AID 488896)</li> <li>Luminescence-based primary cell-based high throughput screening assay to identify inhibitors of the orphan nuclear receptor sub-family 0, group B, member 1 (DAX1; NR0B1) (AID 504766)</li> <li>qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)</li> <li>A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296)</li> <li>qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)</li> <li>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)</li> </ul>
BRD-K16948767-001-01-8 PubChem CID : 54618963		0.88 (in 3 replicates)	0.62	0.668				<p>Total number of assays tested in: 39. Active in the following assays:</p> <ul style="list-style-type: none"> <li>Identification of Small Molecule Correctors of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Delta508 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>







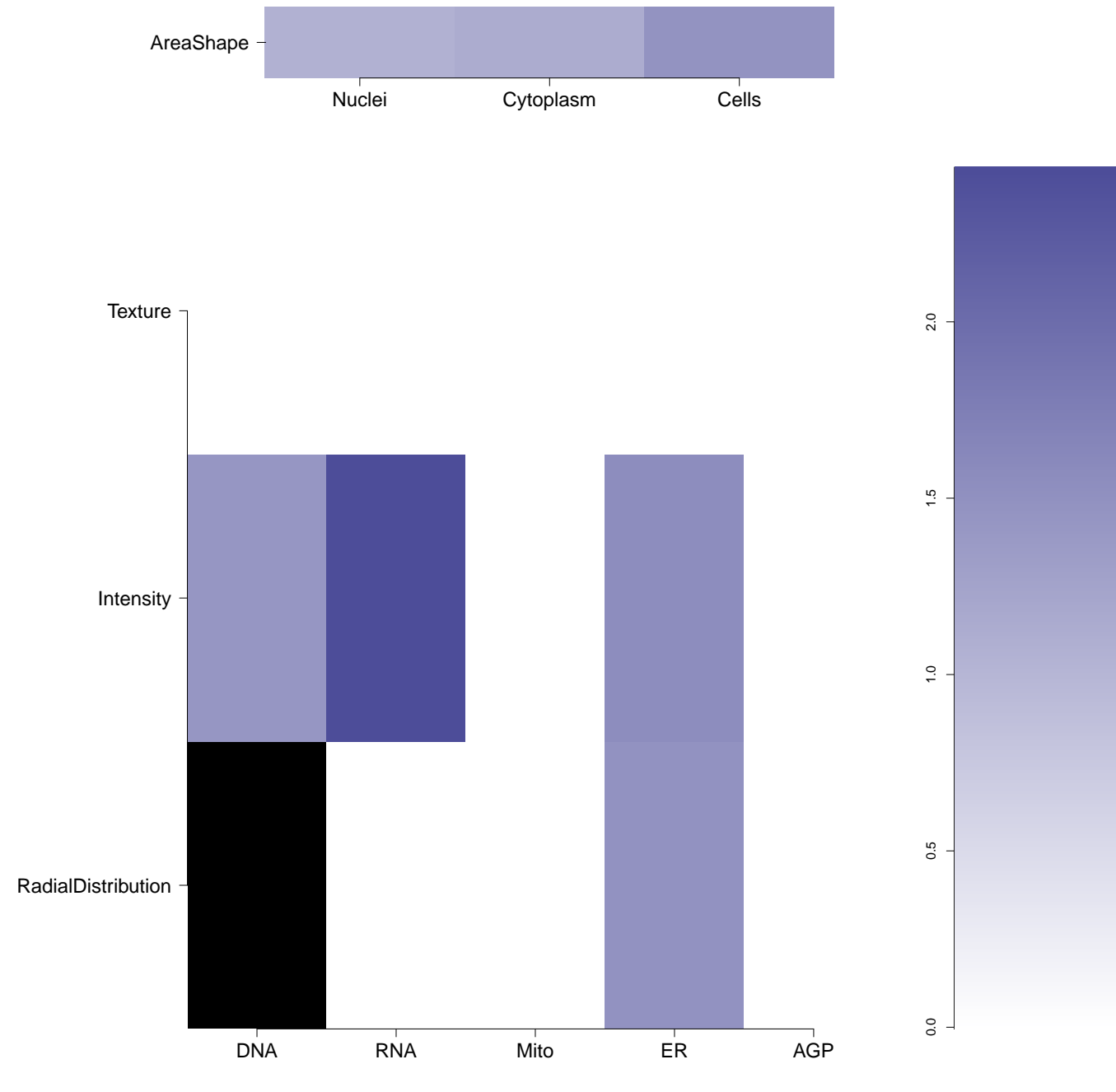
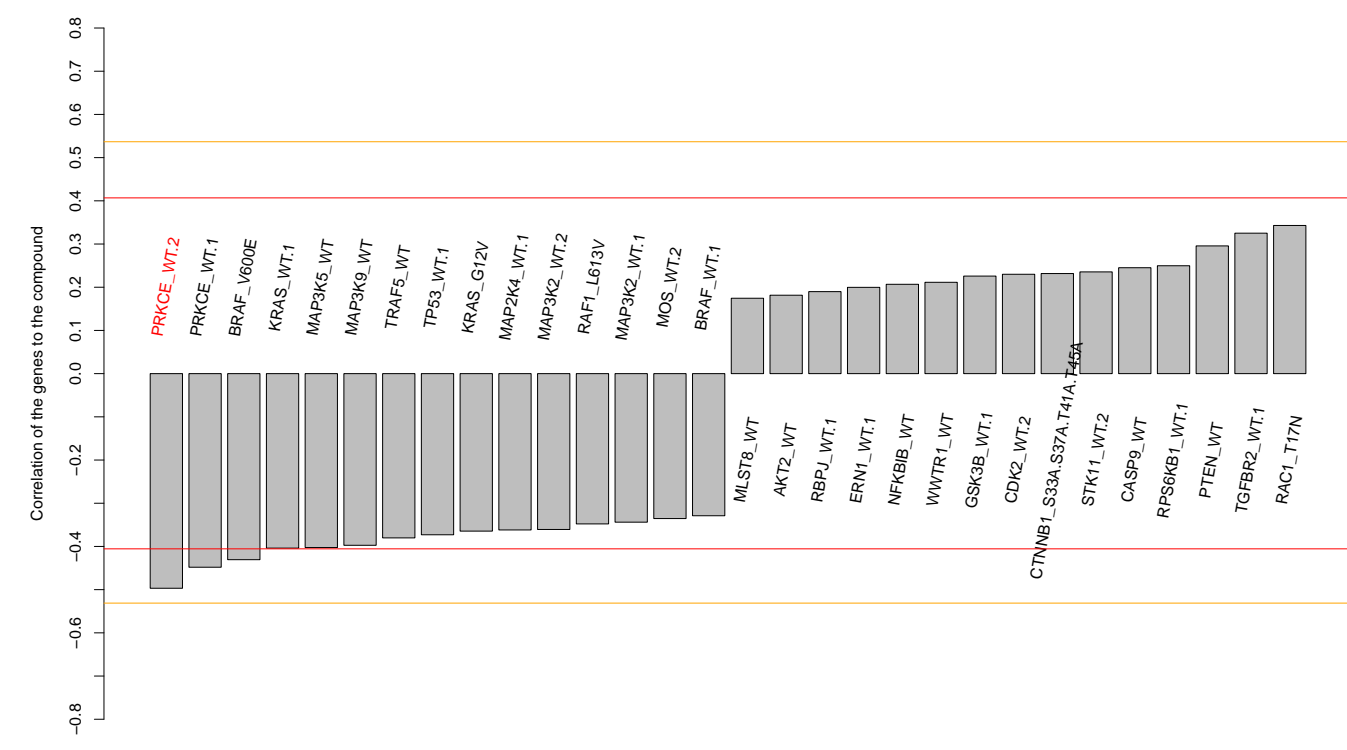
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NA (in 1 replicates)

-0.50

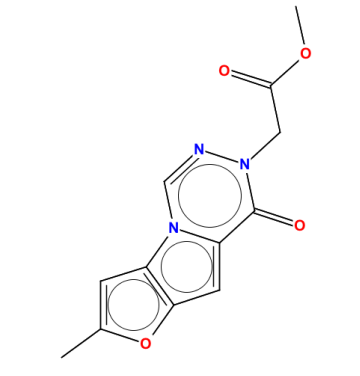
NA



Total number of assays tested in: 799. Active in the following assays:

- Primary Antimicrobial Assay for E. coli BW25113 and 8710:tolC::kan Protocol for 384-well HTS (AID 573)
- Antimicrobial Assay for E. coli BW25113 and 8710:tolC::kan - Dose Response (AID 617)
- Discovery of novel allosteric modulators of the M1 muscarinic receptor: Antagonist Primary Screen (AID 628)
- Discovery of novel allosteric modulators of the M1 muscarinic receptor: Antagonist Confirmation Screen (AID 677)
- CYP2C19 Assay (AID 778)
- qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030)
- Profiling compound fluorescence on Avidin Beads with 488 nm excitation and 530 nm emission (AID 1775)
- qHTS of D3 Dopamine Receptor Antagonist: qHTS (AID 652054)
- Confirmed allosteric antagonists of M1 Muscarinic receptor (AID 1053187)

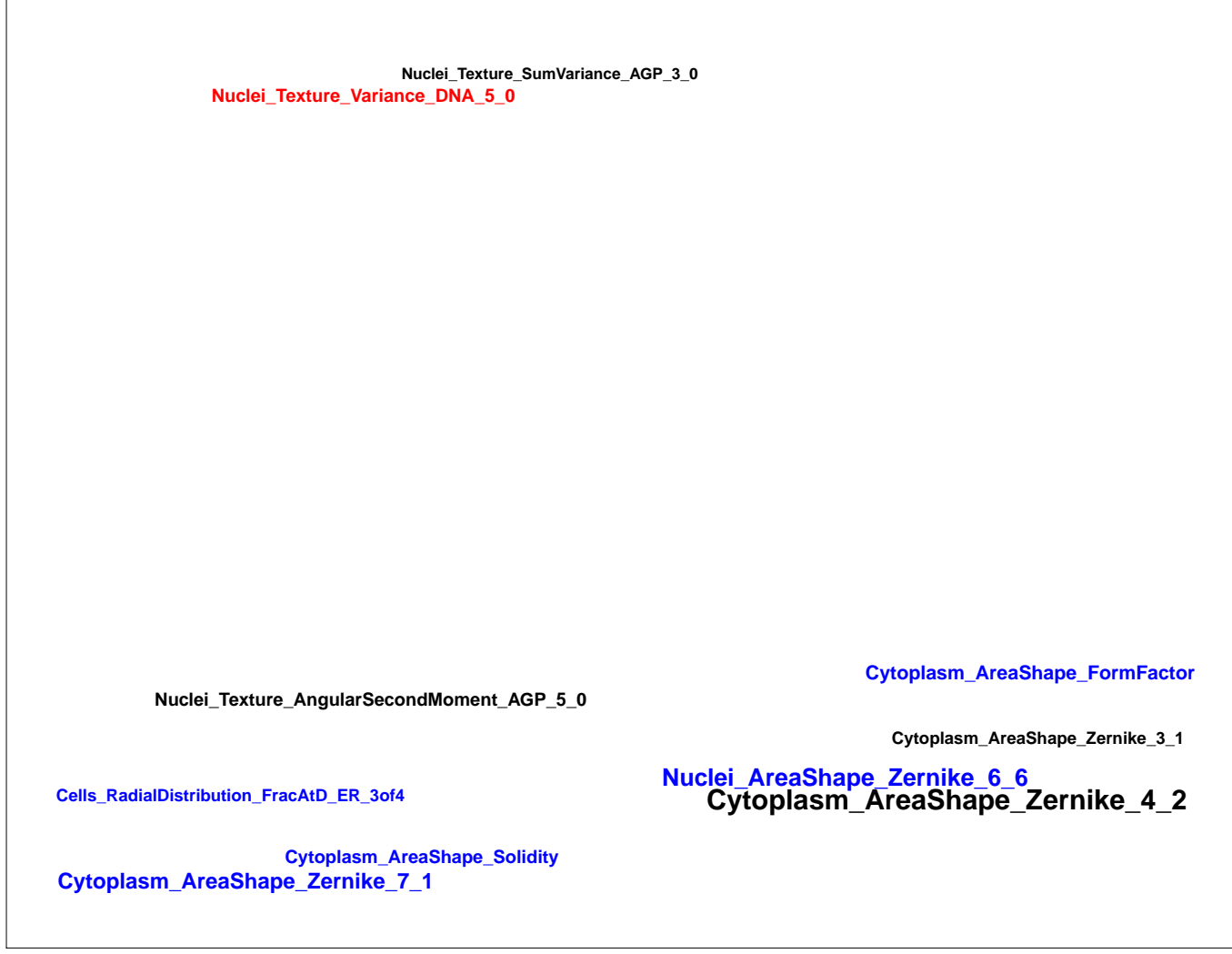
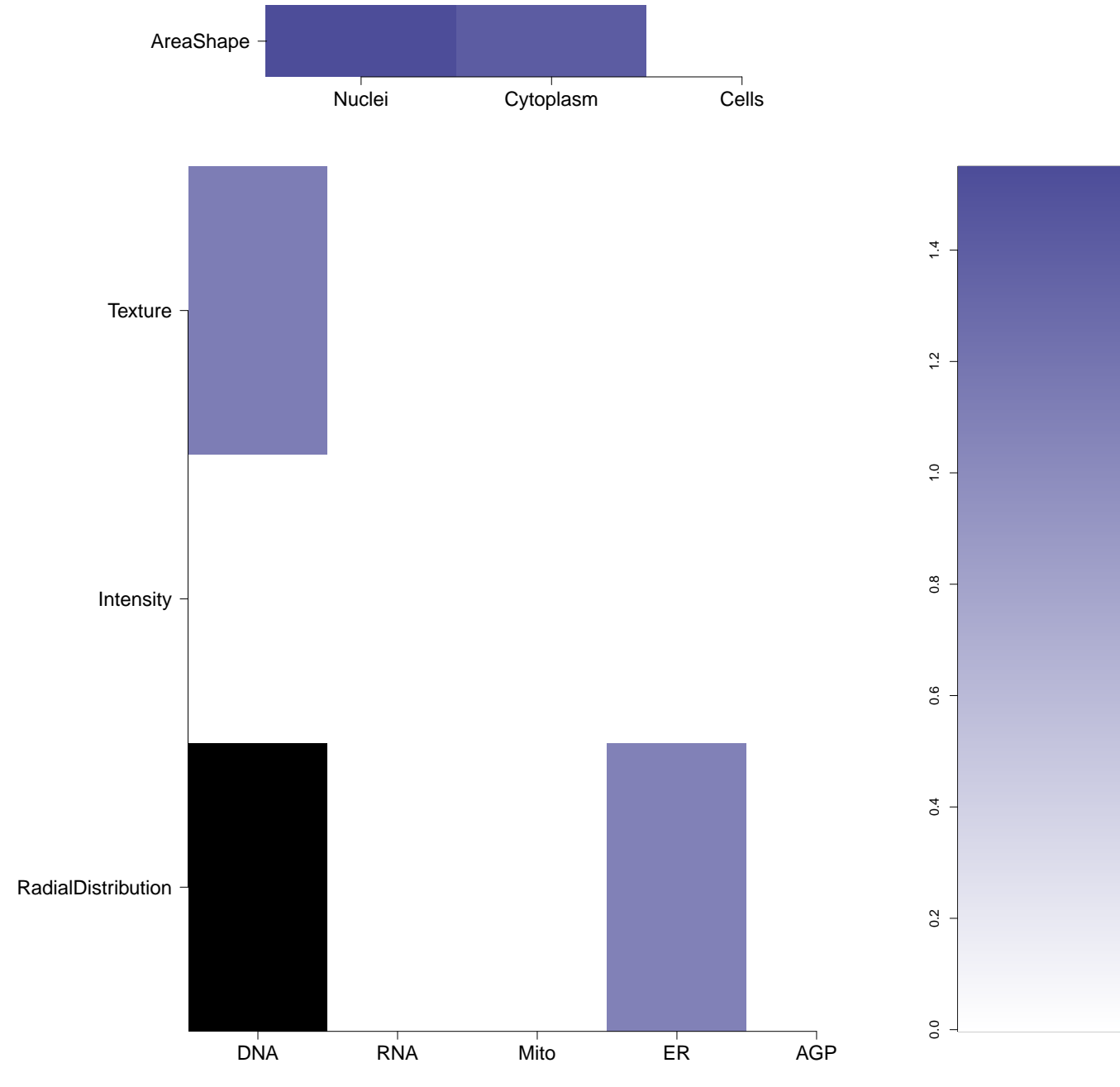
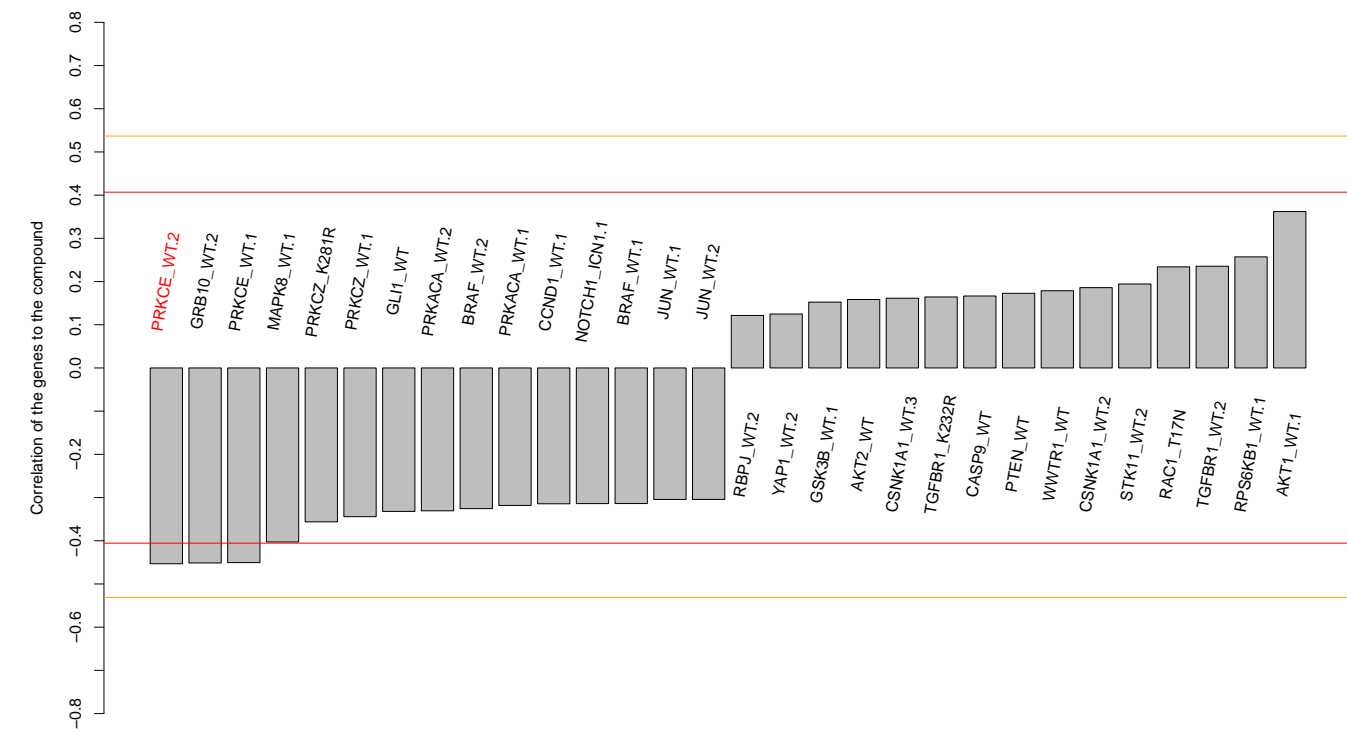
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NA (in 1 replicates)

-0.45

NA



Total number of assays tested in: 792. Active in the following assays:

- qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490)
- uHTS absorbance assay for the identification of compounds that inhibit PHOSPHOI (AID 1565)
- MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814)
- Luminescence Cell-Based Dose Response HTS to Identify Activators of 5'UTR Stem-Loop Driven Prion Protein mRNA Translation in H4 Neuroglblastoma Cells (AID 1999)
- Luminescence Cell-Based Dose Response HTS to Identify Activators of Luciferase Translation or Activity in H4 Neuroglblastoma Cells (AID 2002)
- Luminescence Cell-Based Dose Confirmation HTS to Identify Activators of 5'UTR Stem-Loop Driven Alpha-Synuclein mRNA Translation in H4 Neuroglblastoma Cells (AID 2003)
- Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)
- A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)
- qHTS Assay for Rab9 Promoter Activators (AID 485297)
- qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)
- Luminescence-based cell-based primary high throughput screening assay to identify activators of Transthyretin (TTR) transcription (AID 1117267)
- High Throughput Screen to Identify Inhibitors Targeting HIV-1 Vif-dependent Degradation of Human APOBEC3G: A time-resolved fluorescence resonance energy transfer (TR-FRET) assay for HIV-1 Vif-APOBEC3G interaction (AID 1117319)