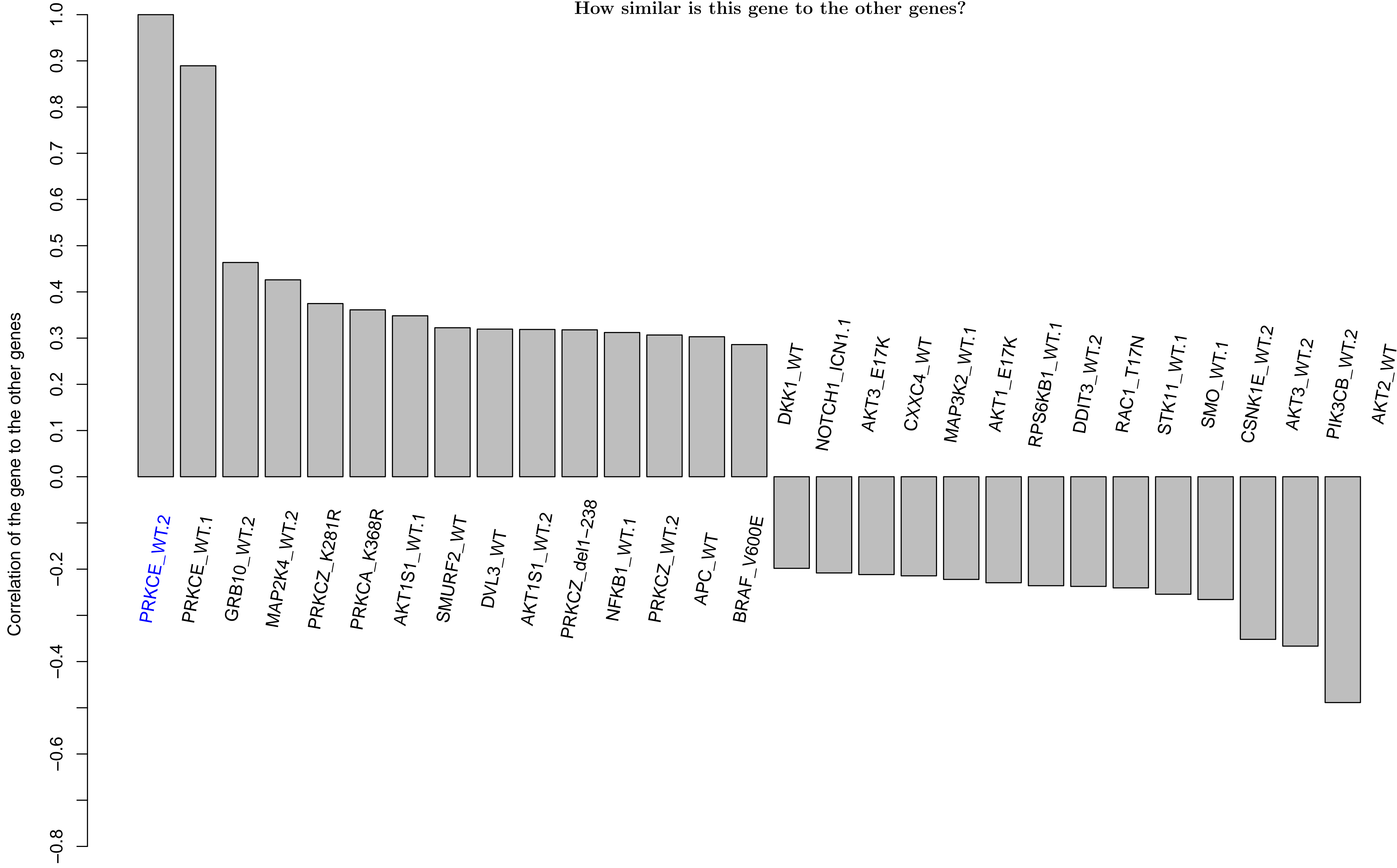
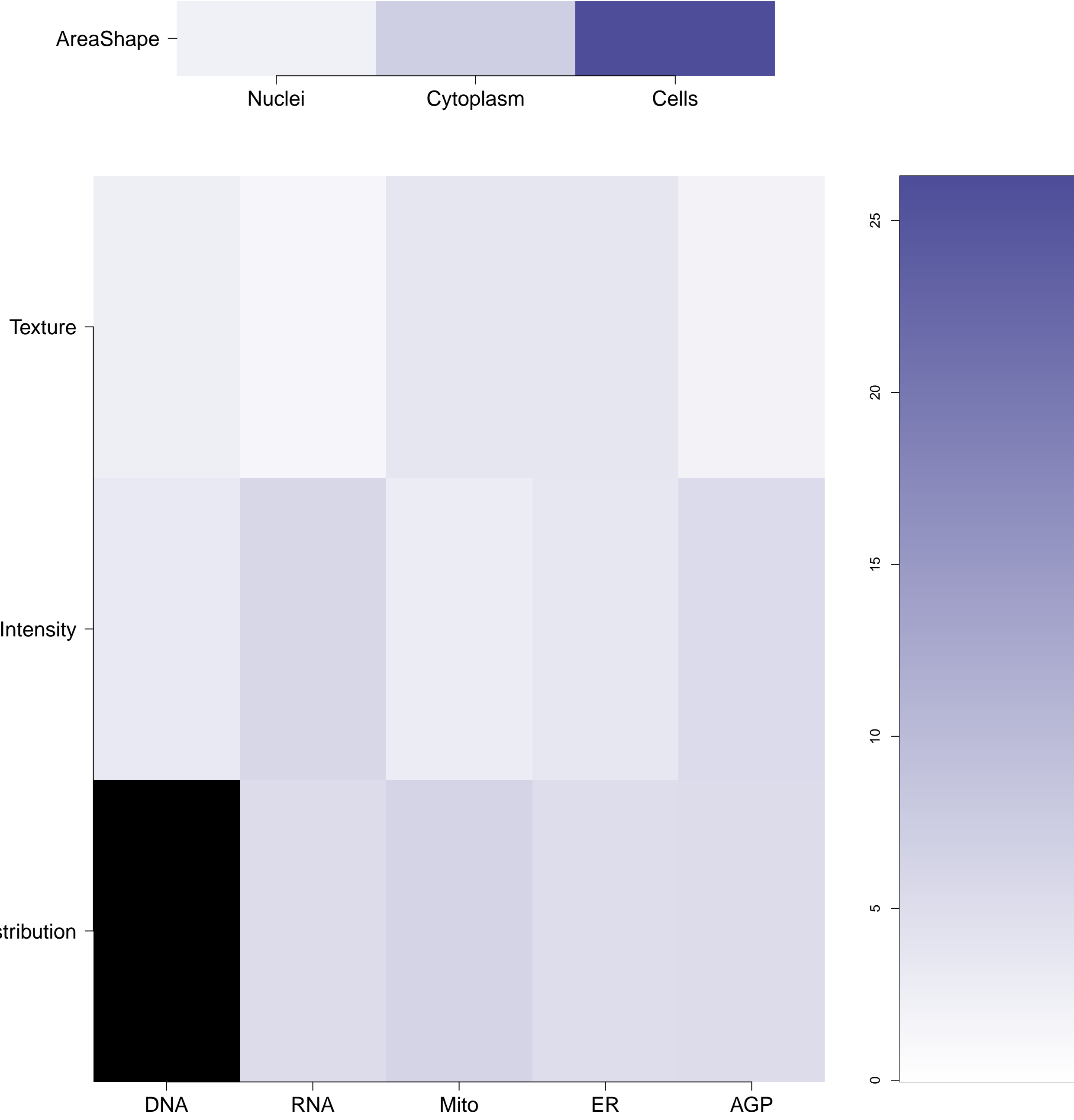


PRKCE.WT.2 - in Canonical PKC

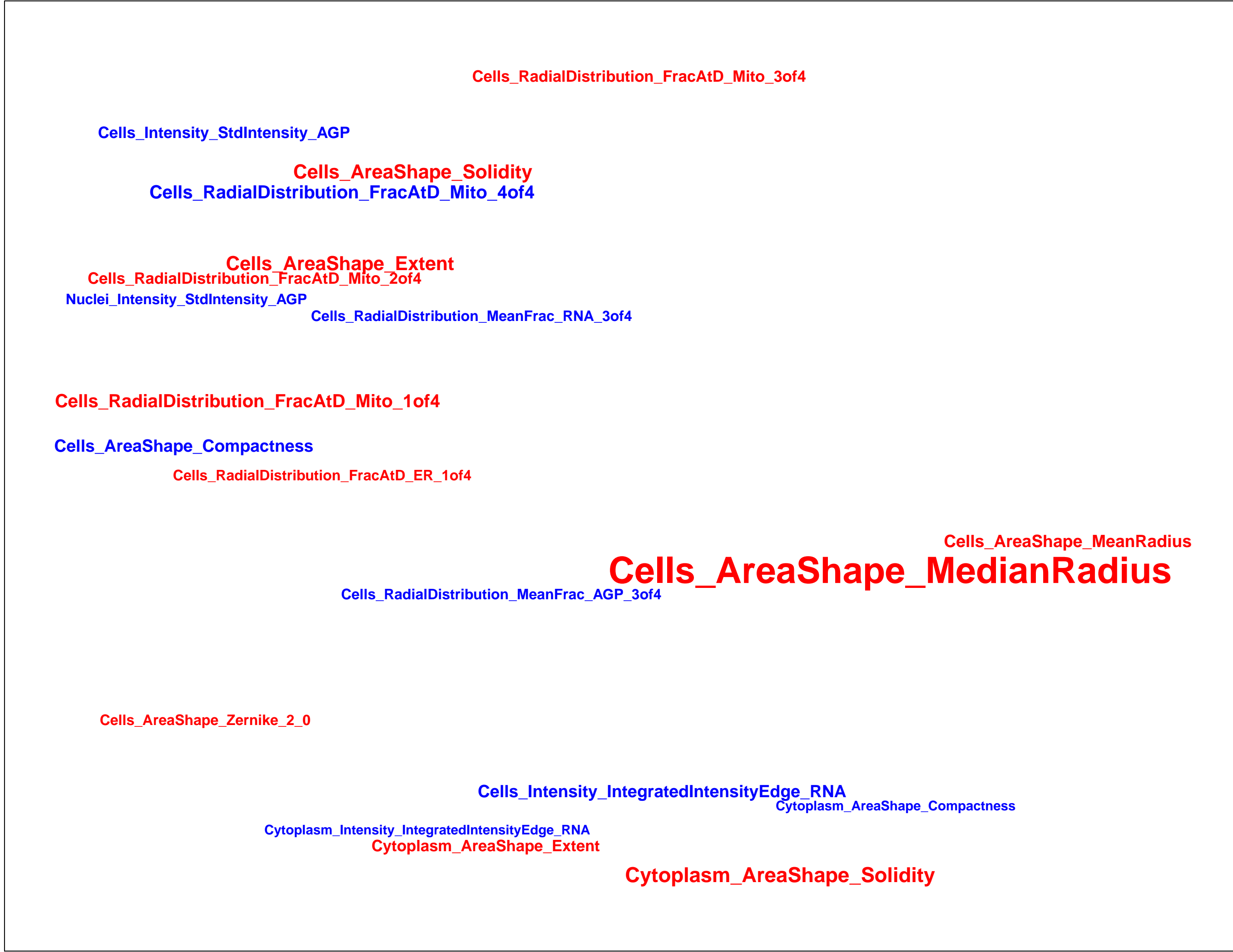
How similar is this gene to the other genes?



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)

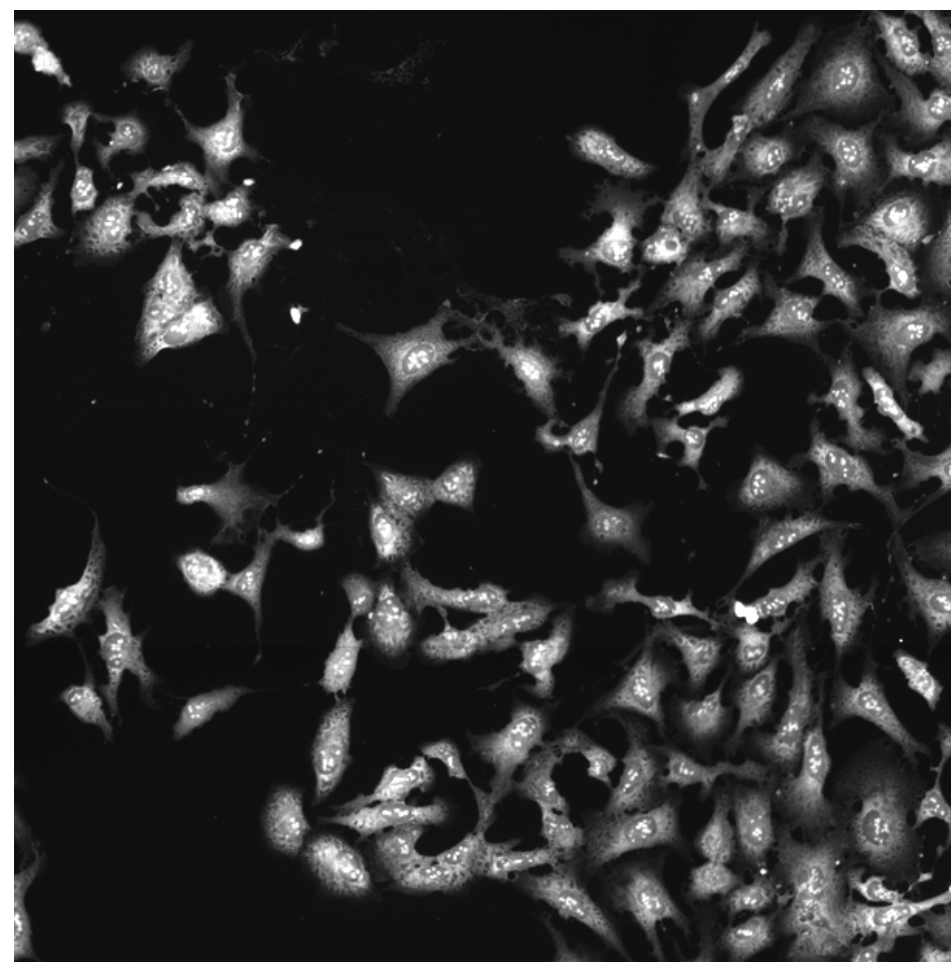
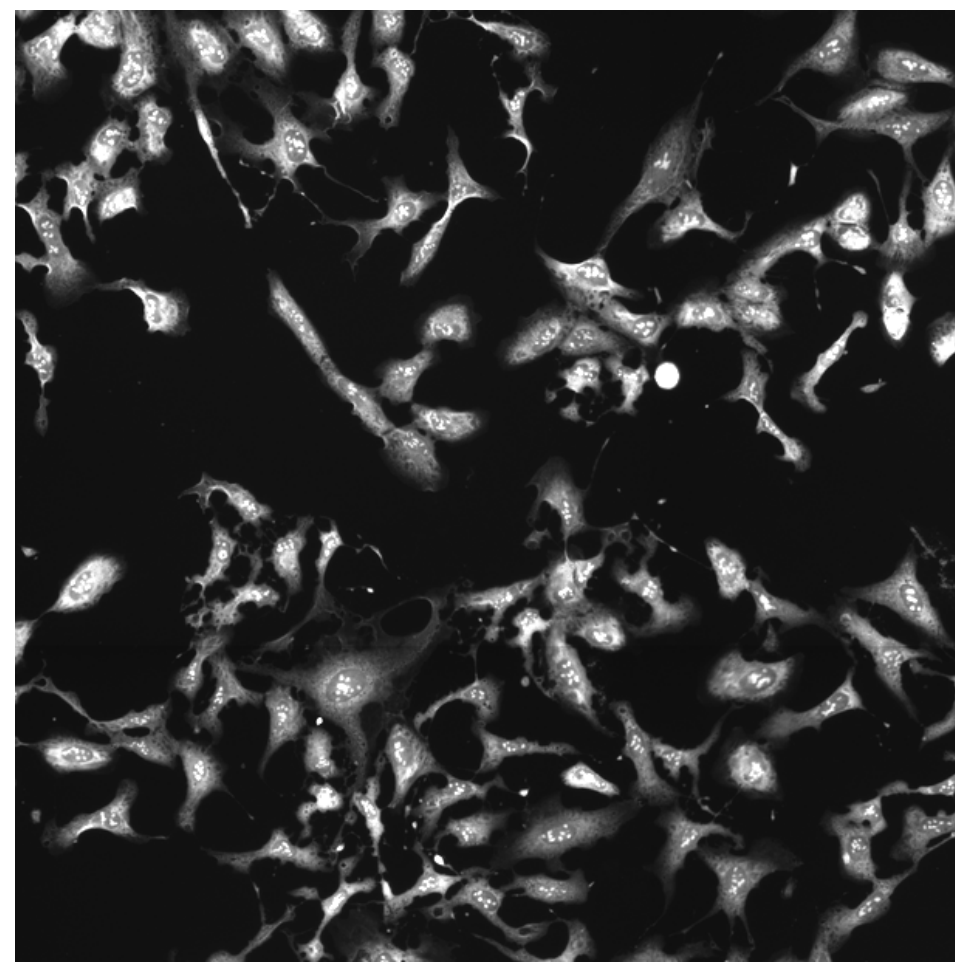
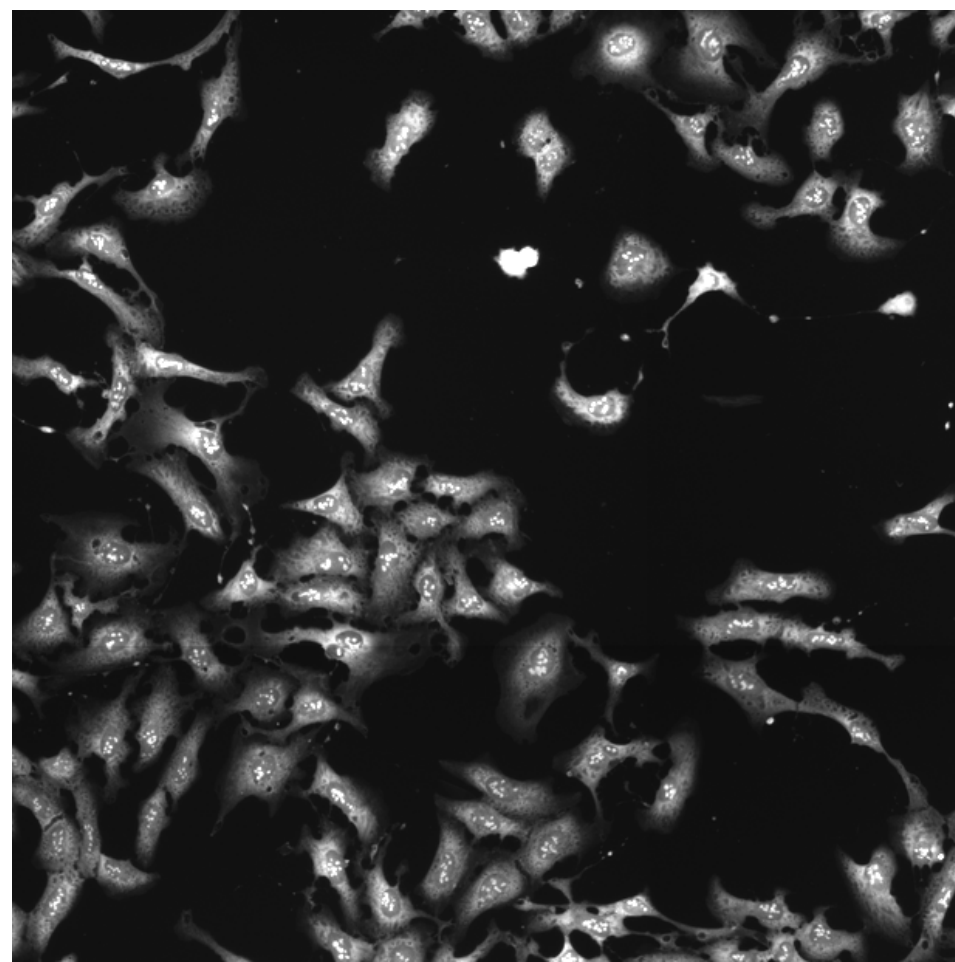
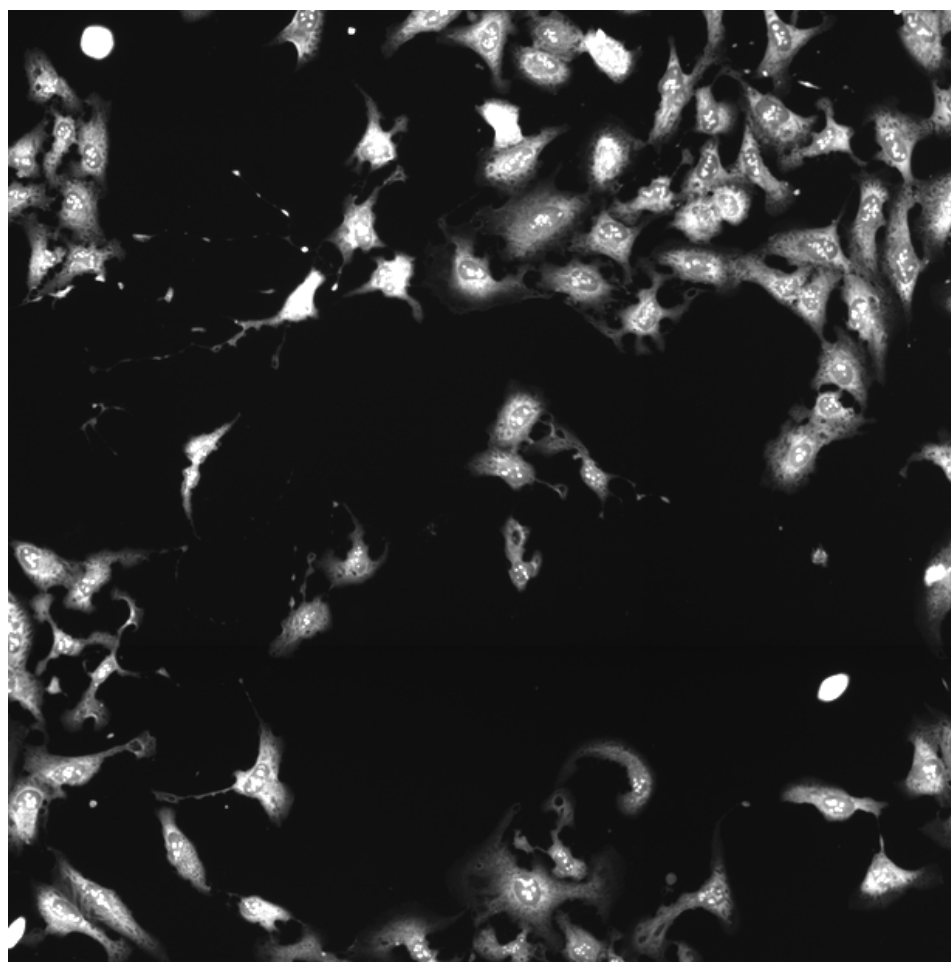
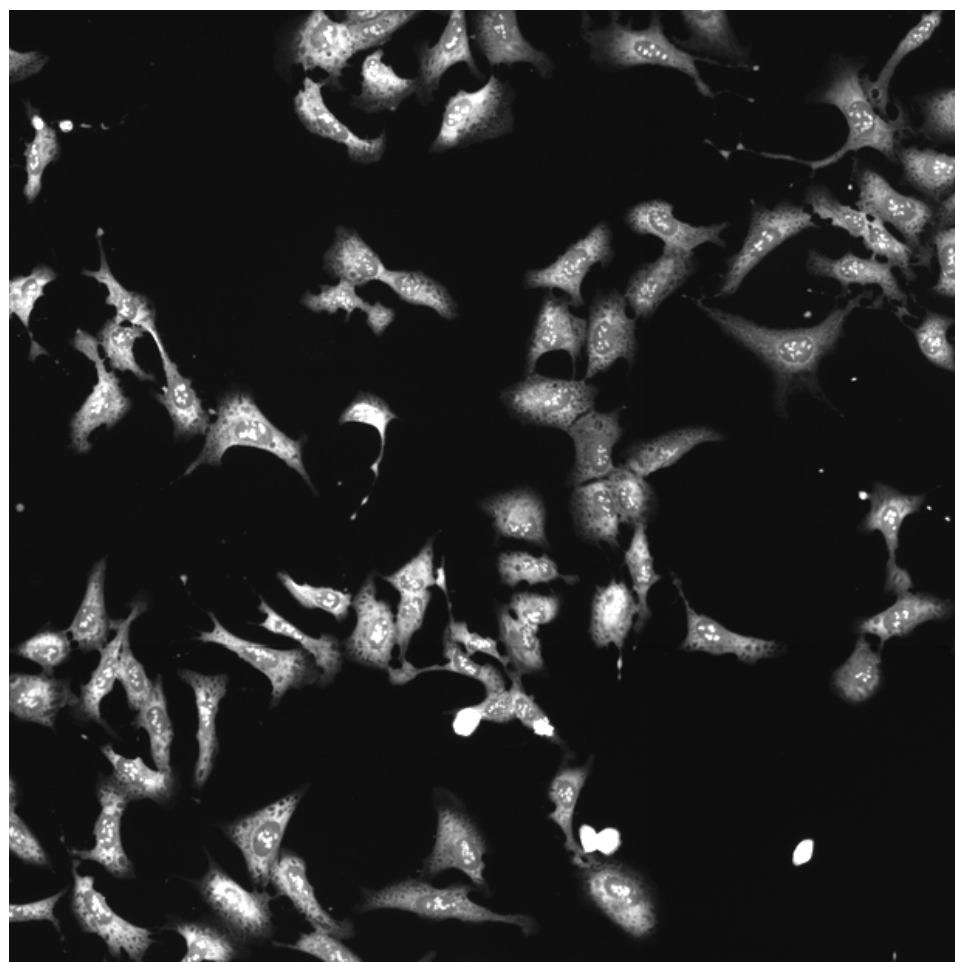
PRKCE.WT.2 (41755)

PRKCE.WT.2 (41756)

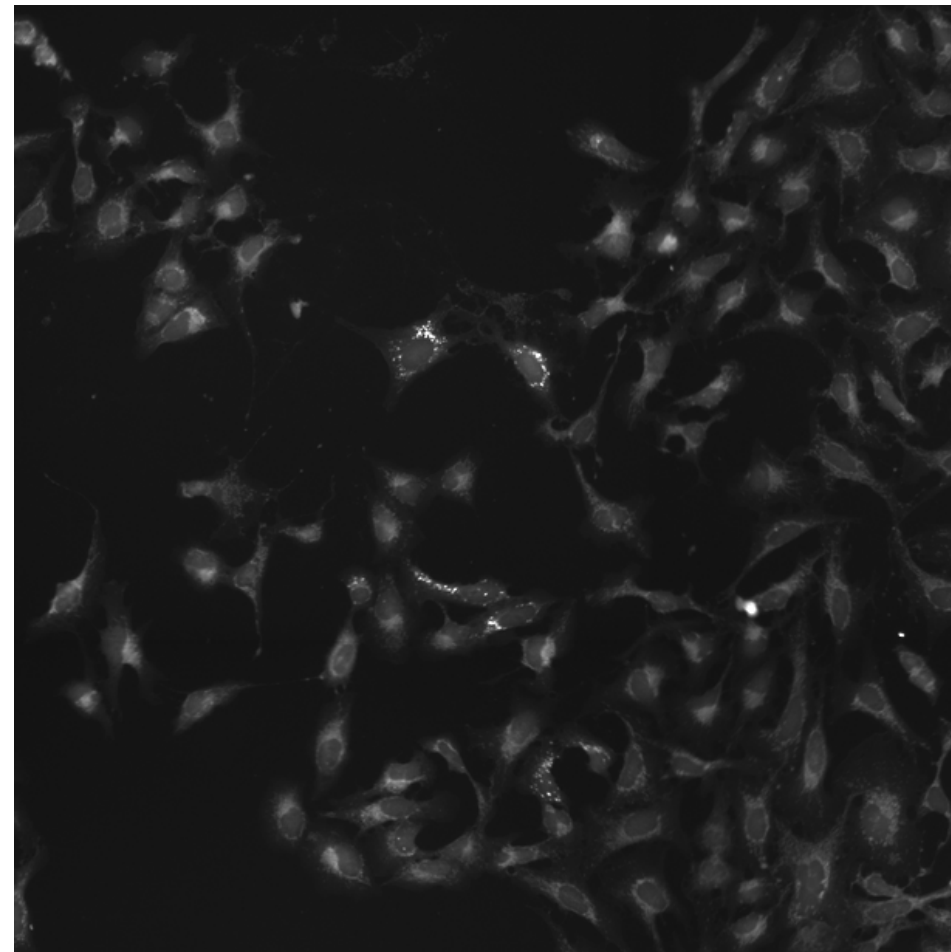
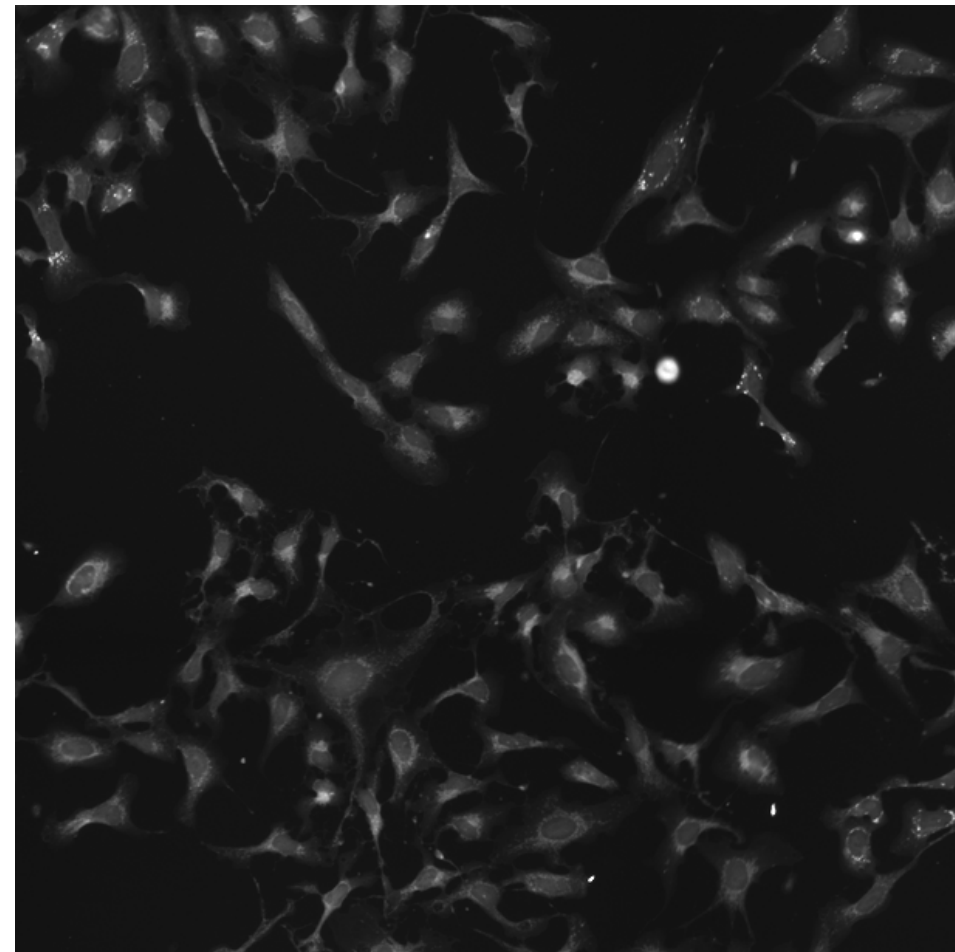
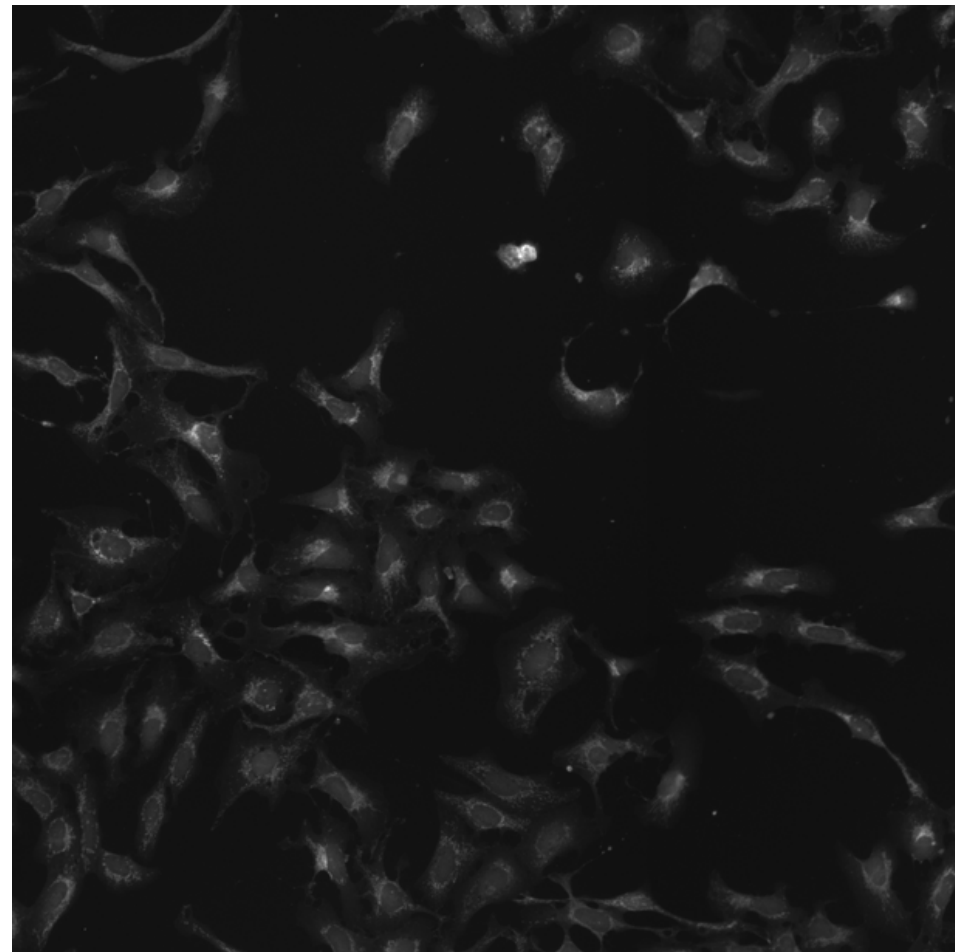
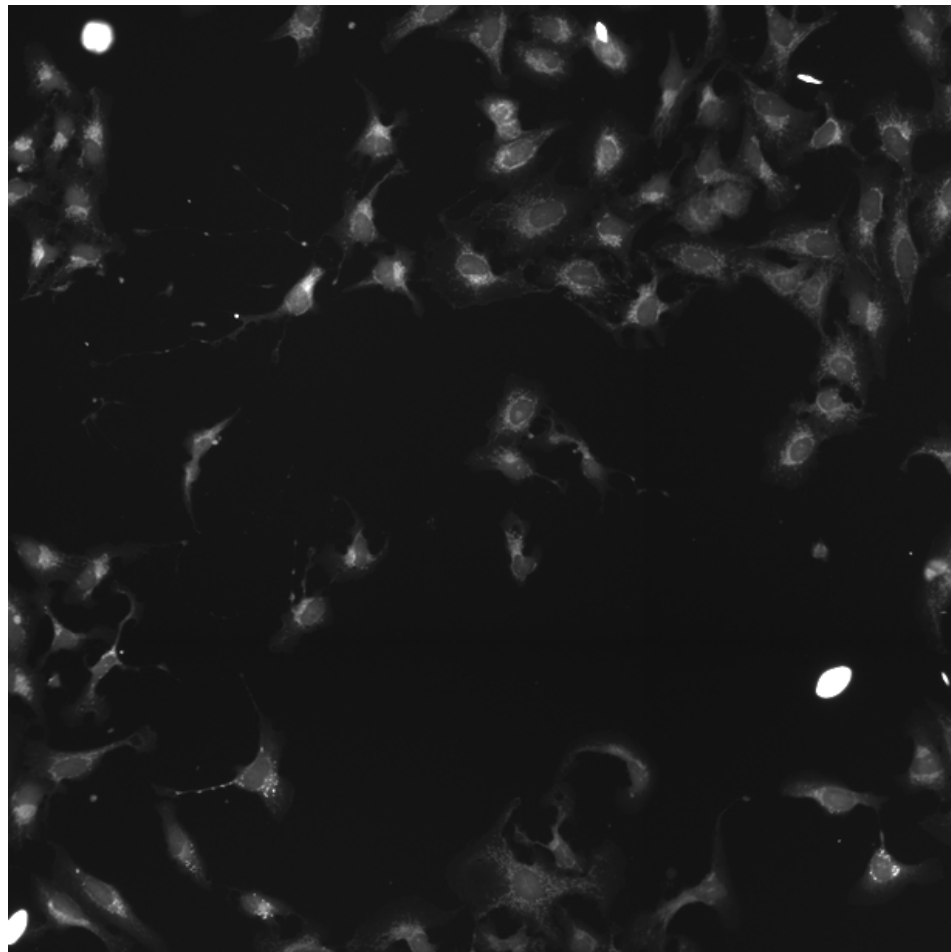
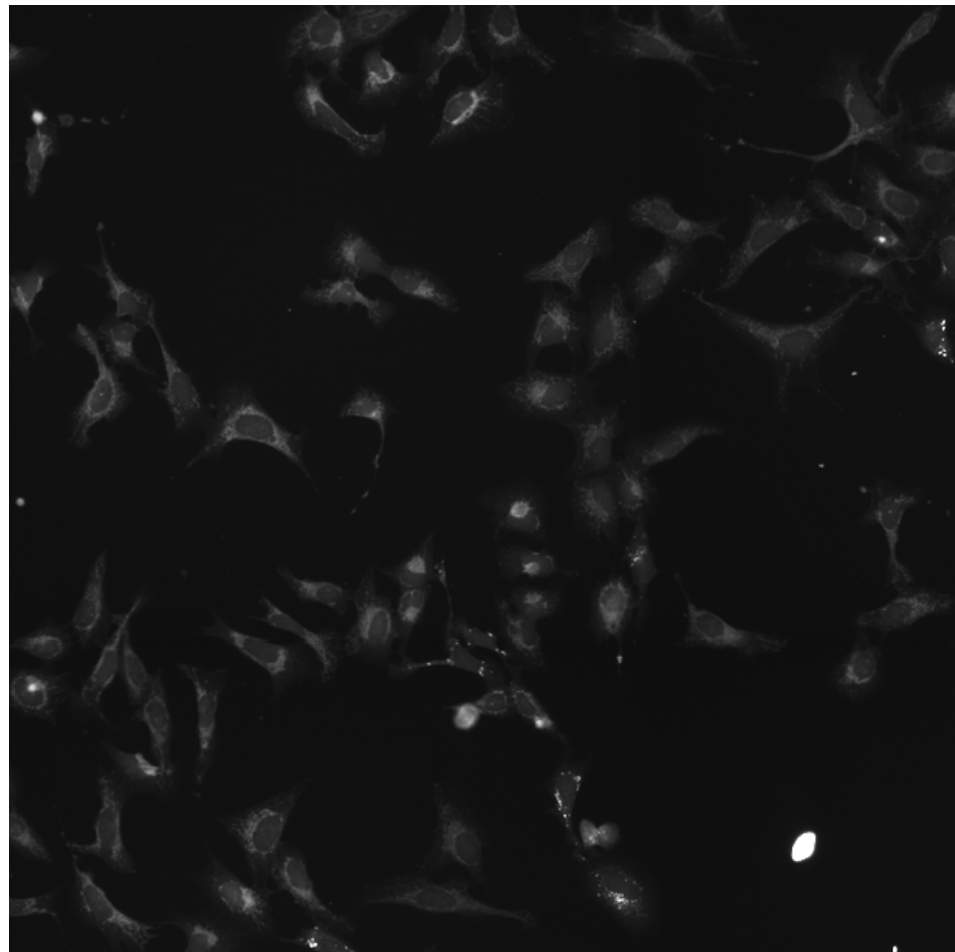
PRKCE.WT.2 (41757)

PRKCE.WT.2 (41754)

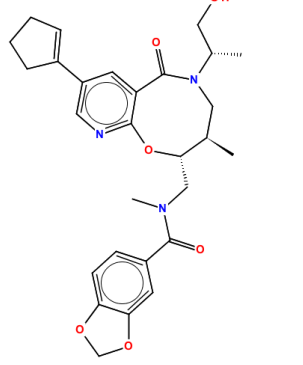
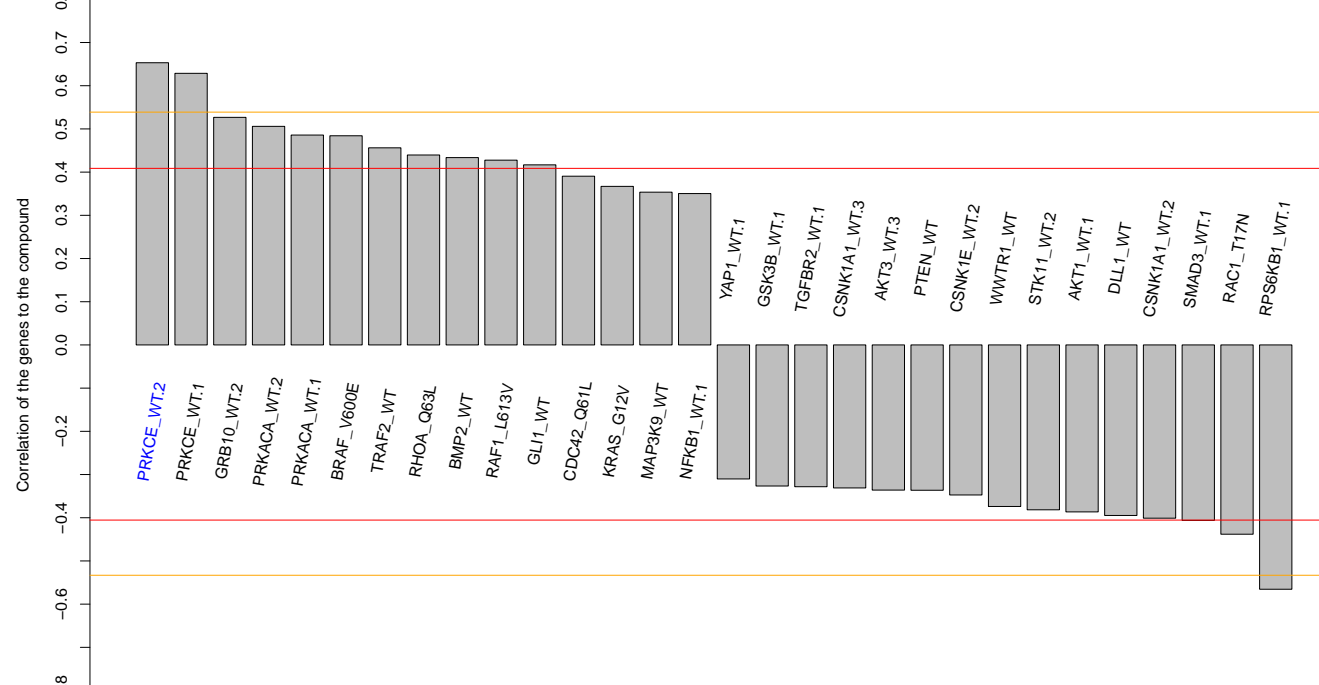
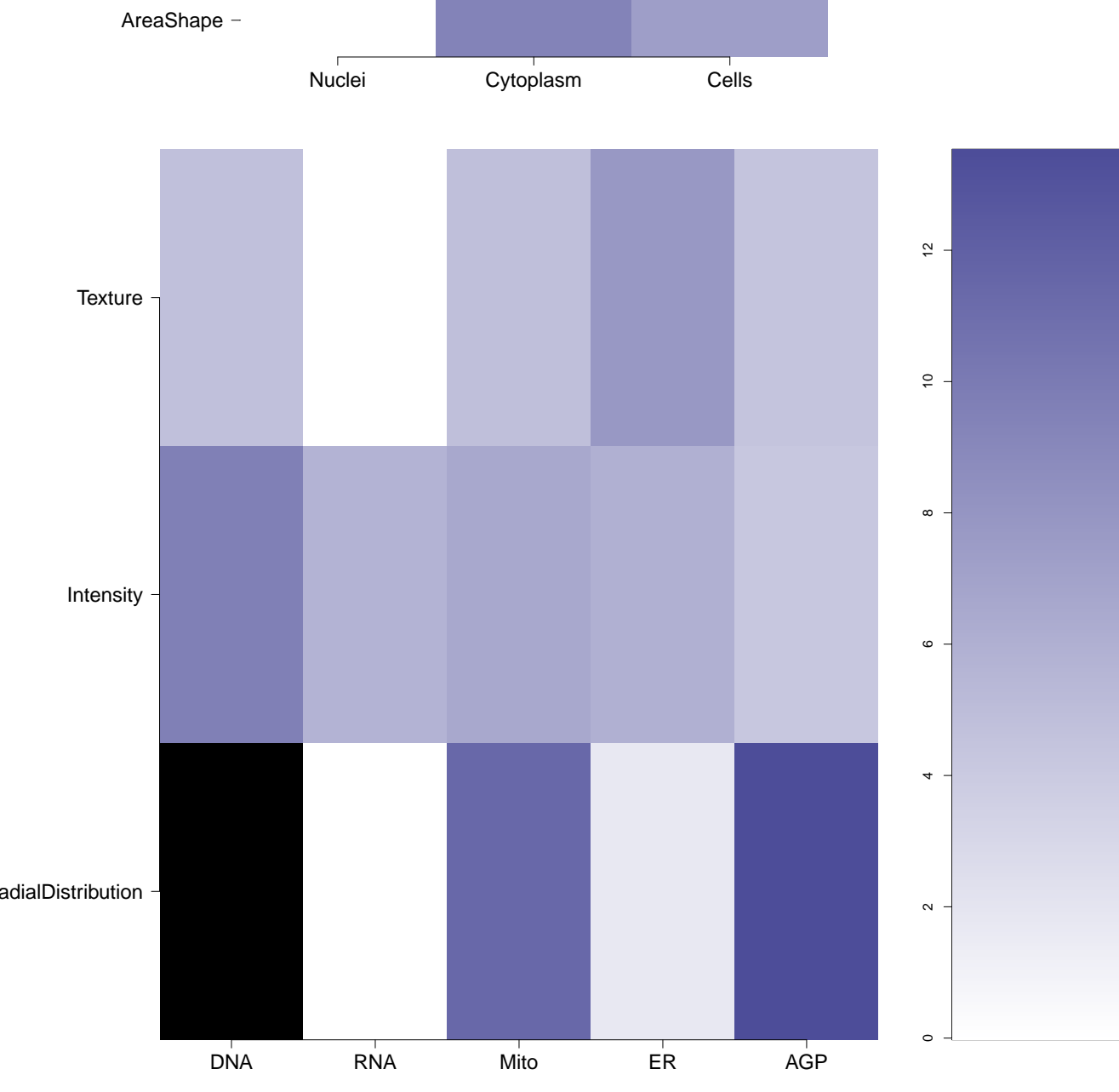
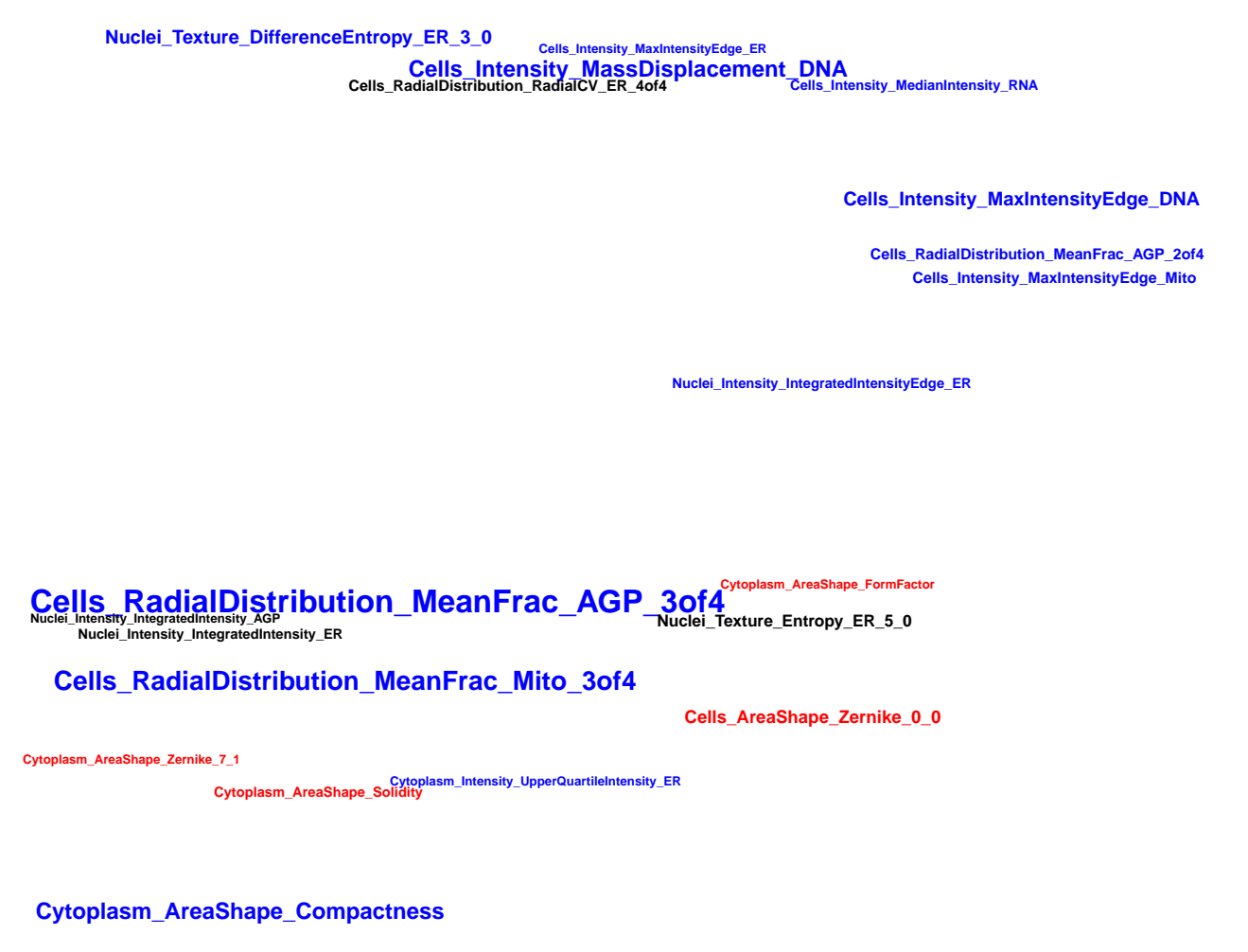
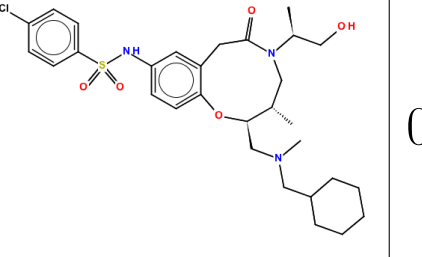
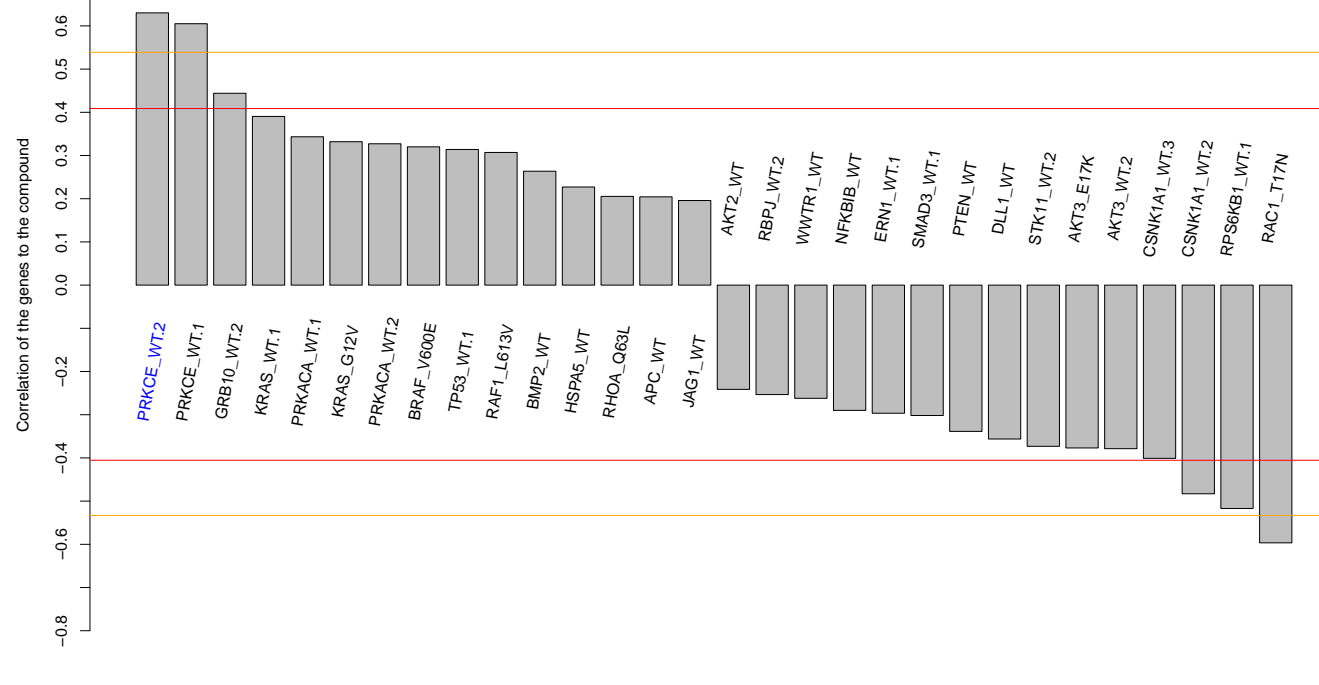
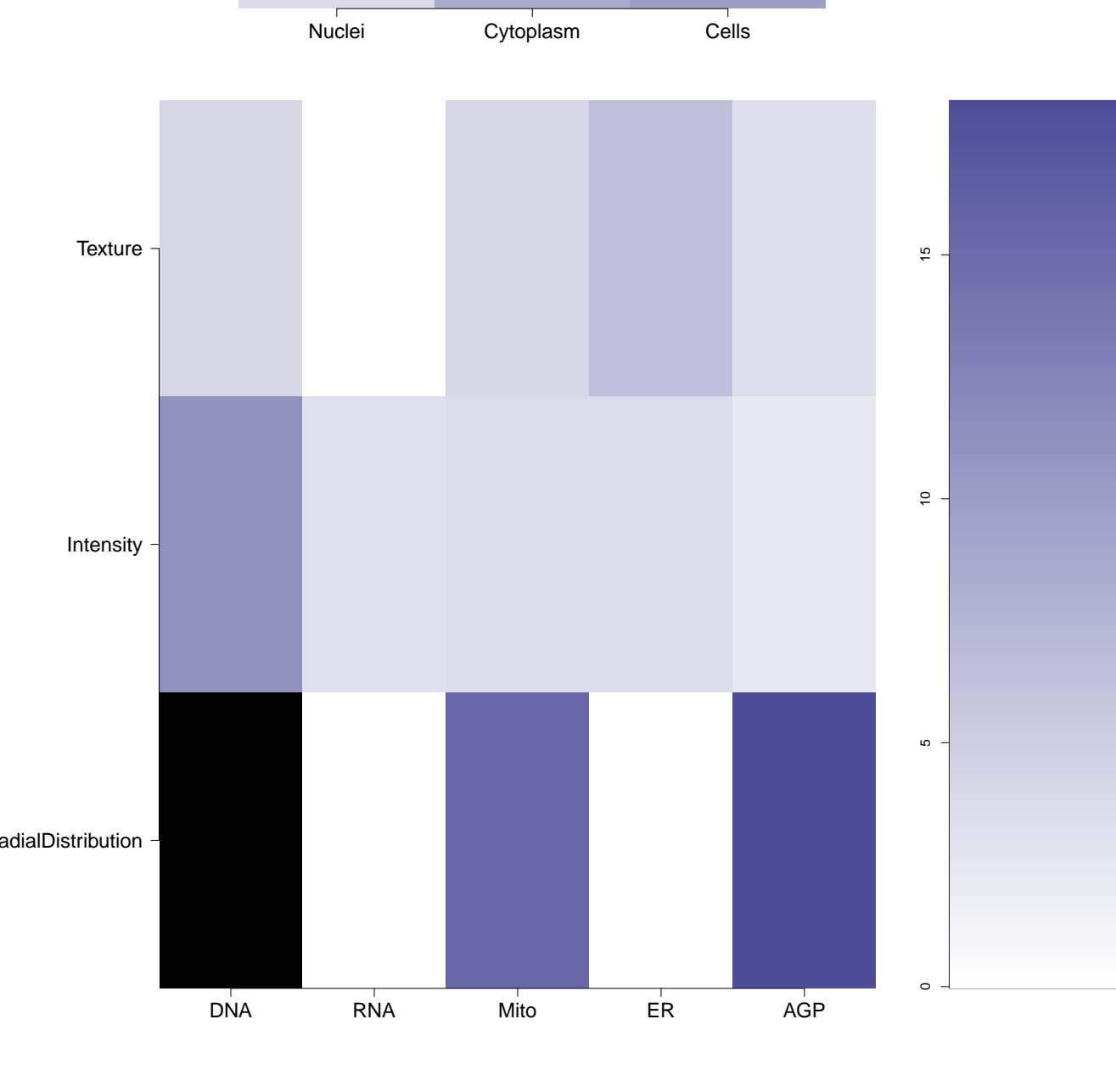
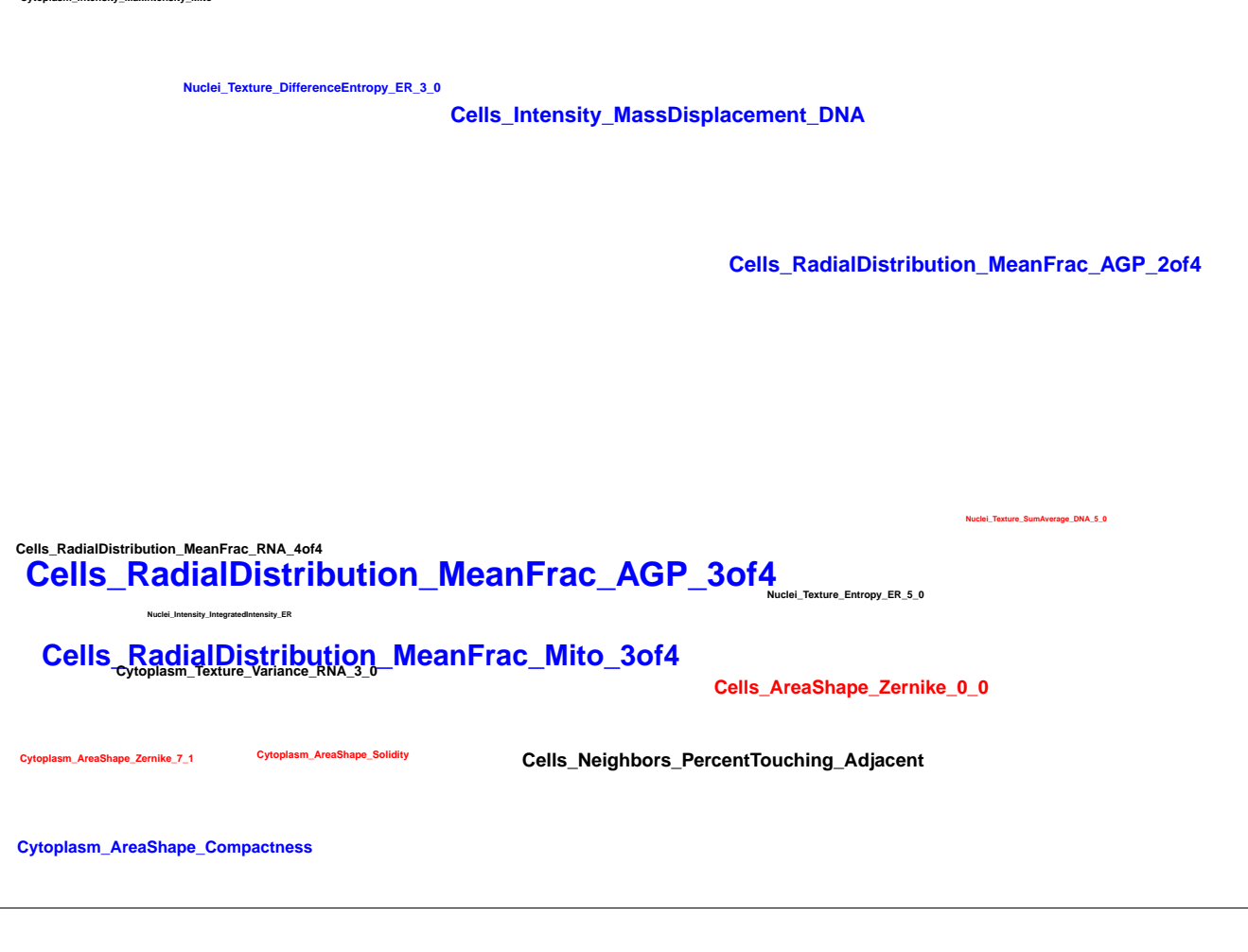
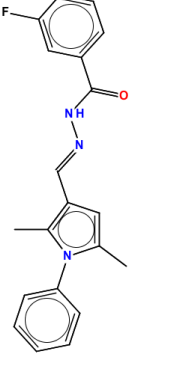
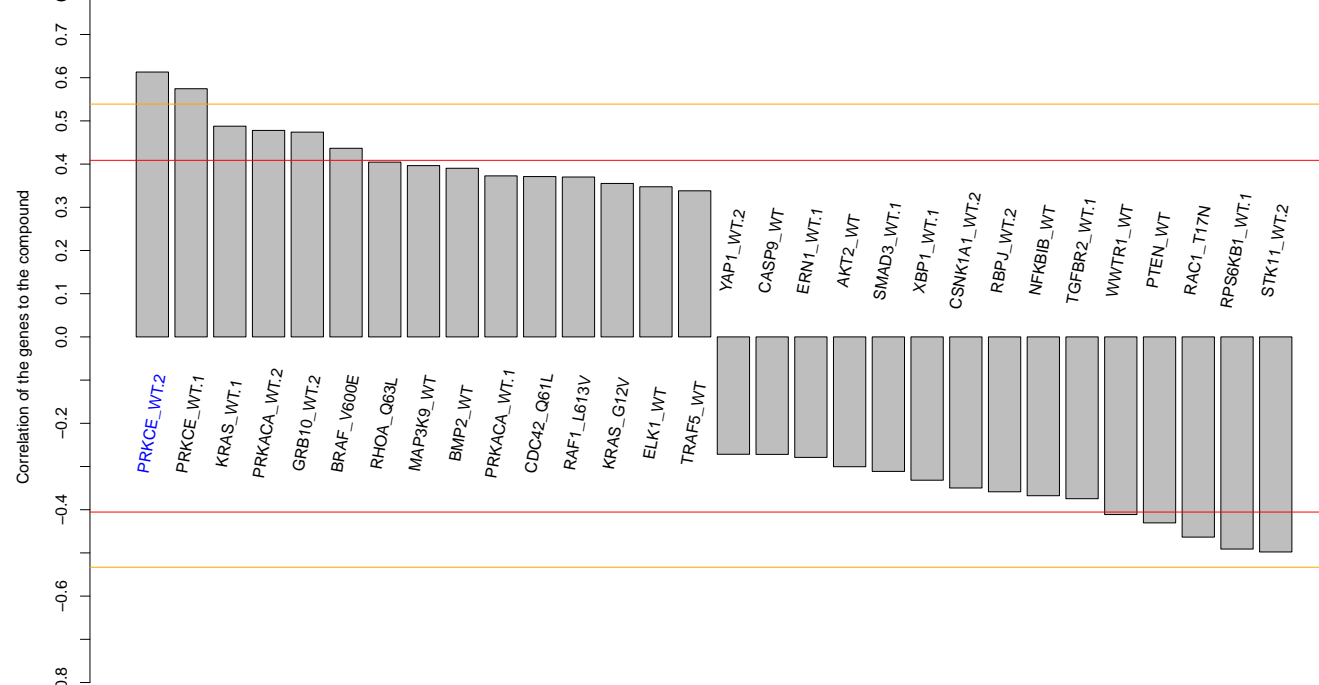
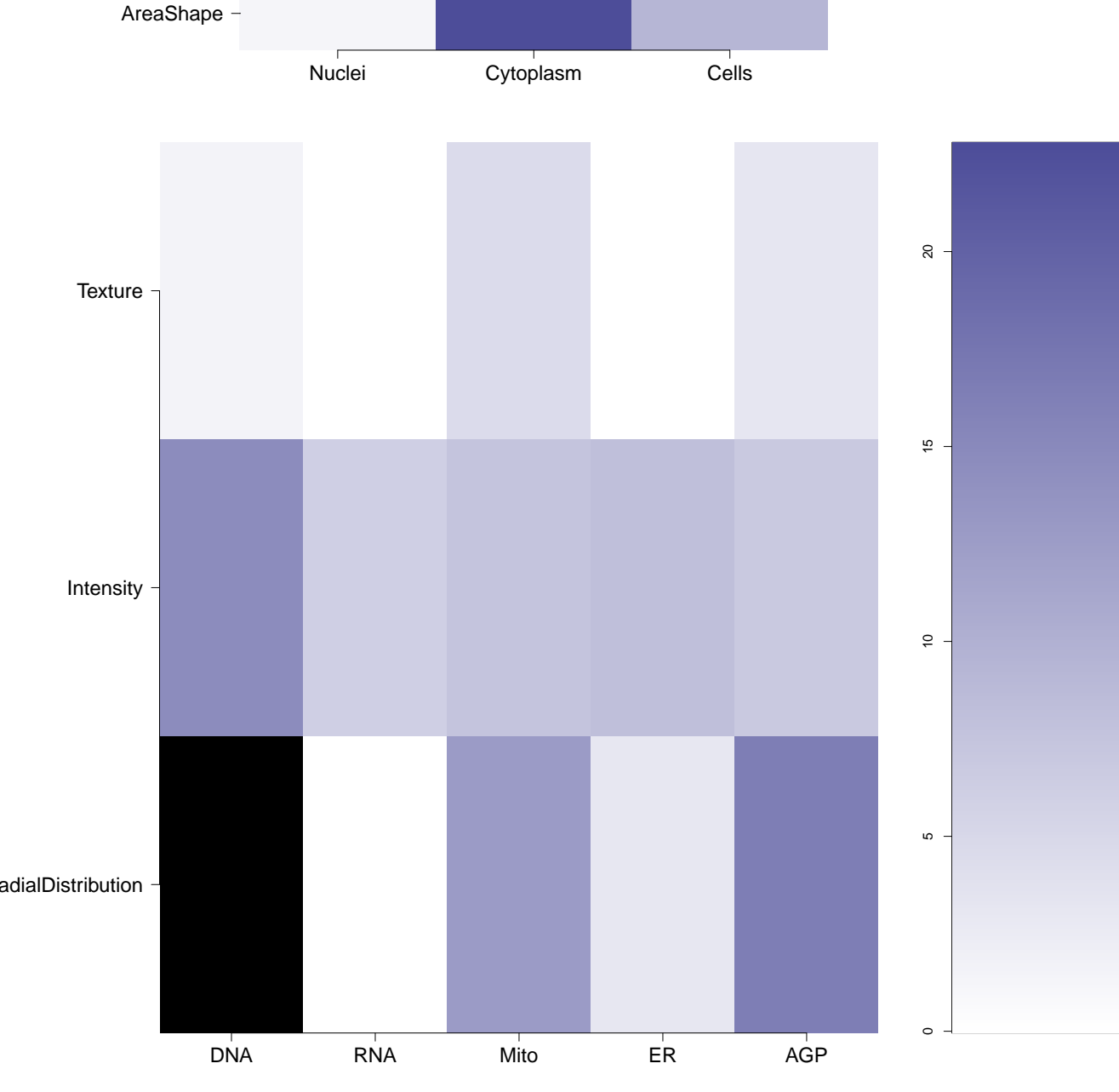
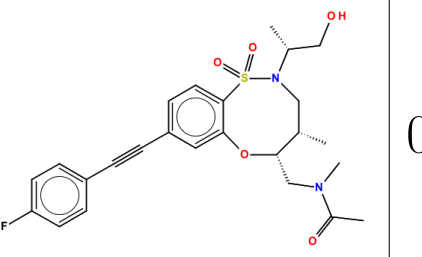
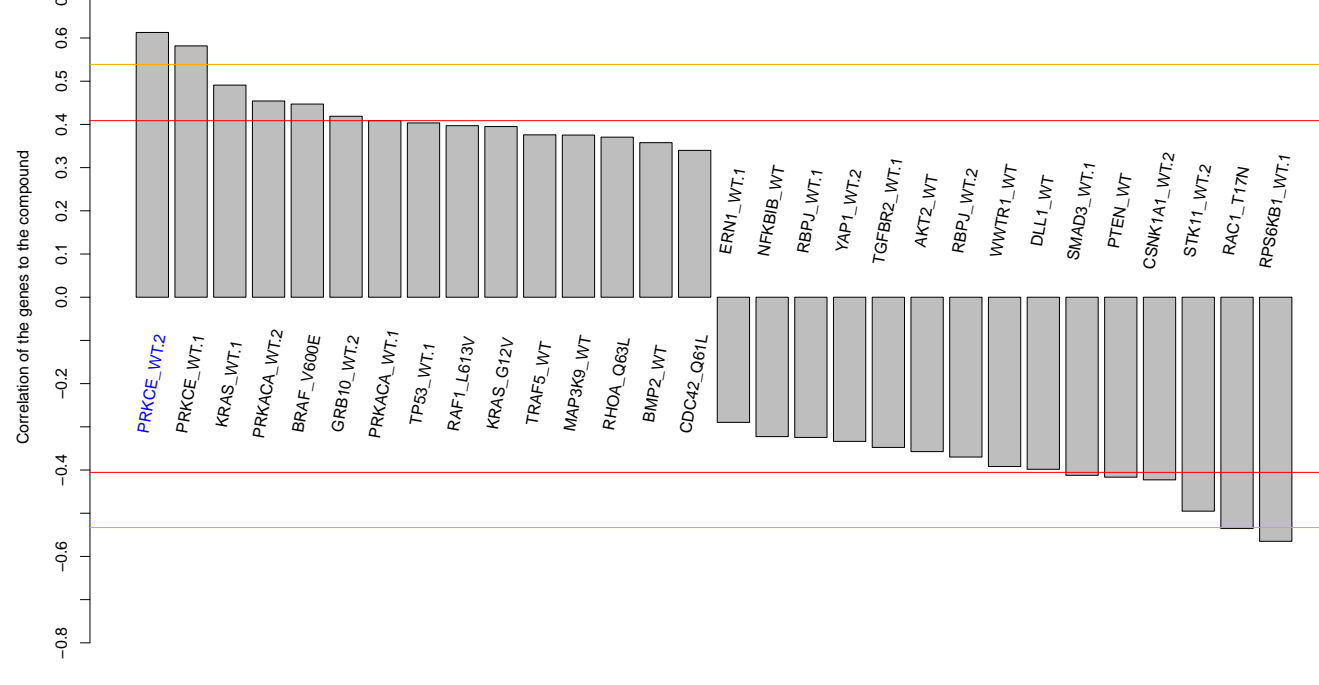
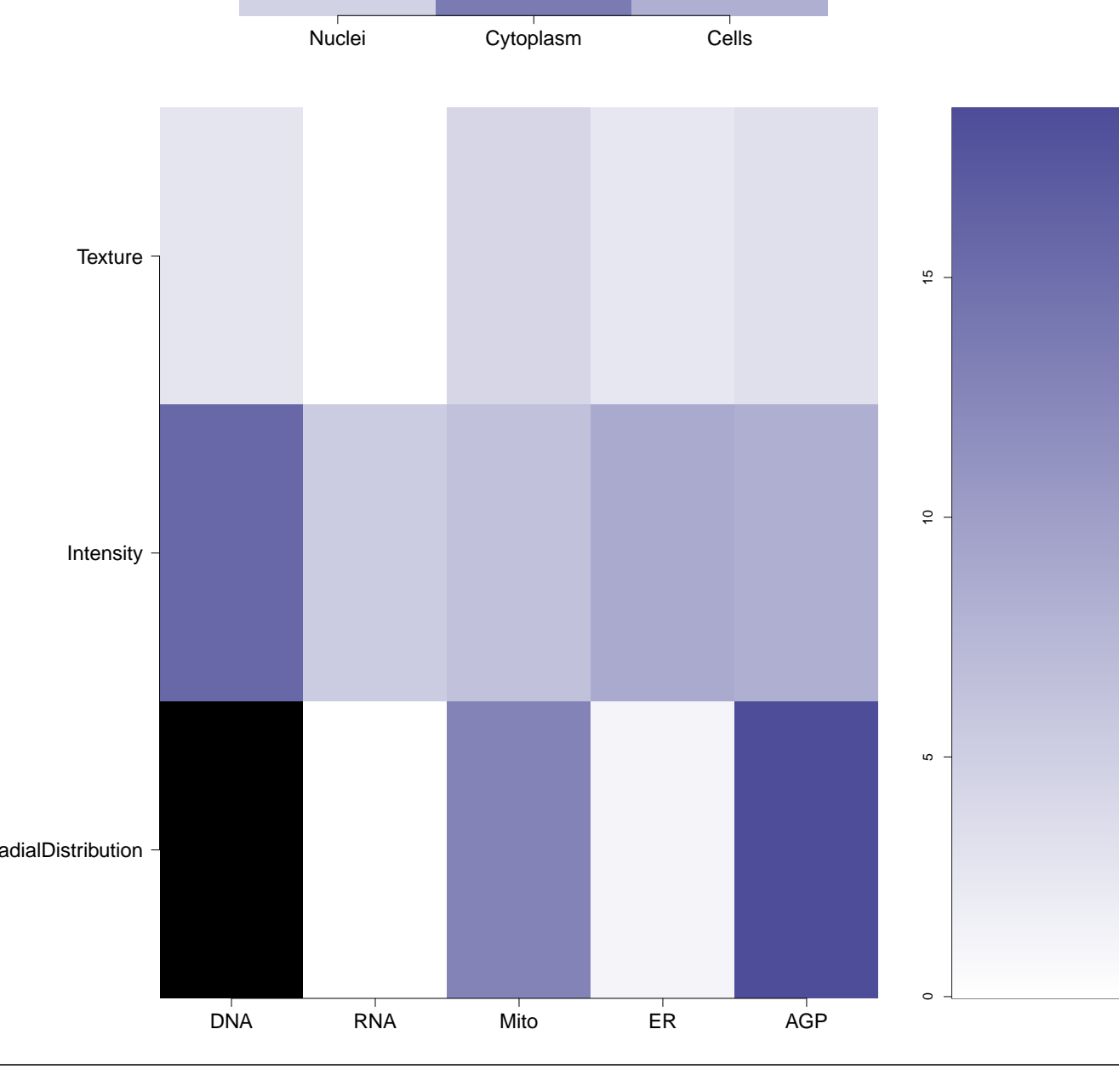
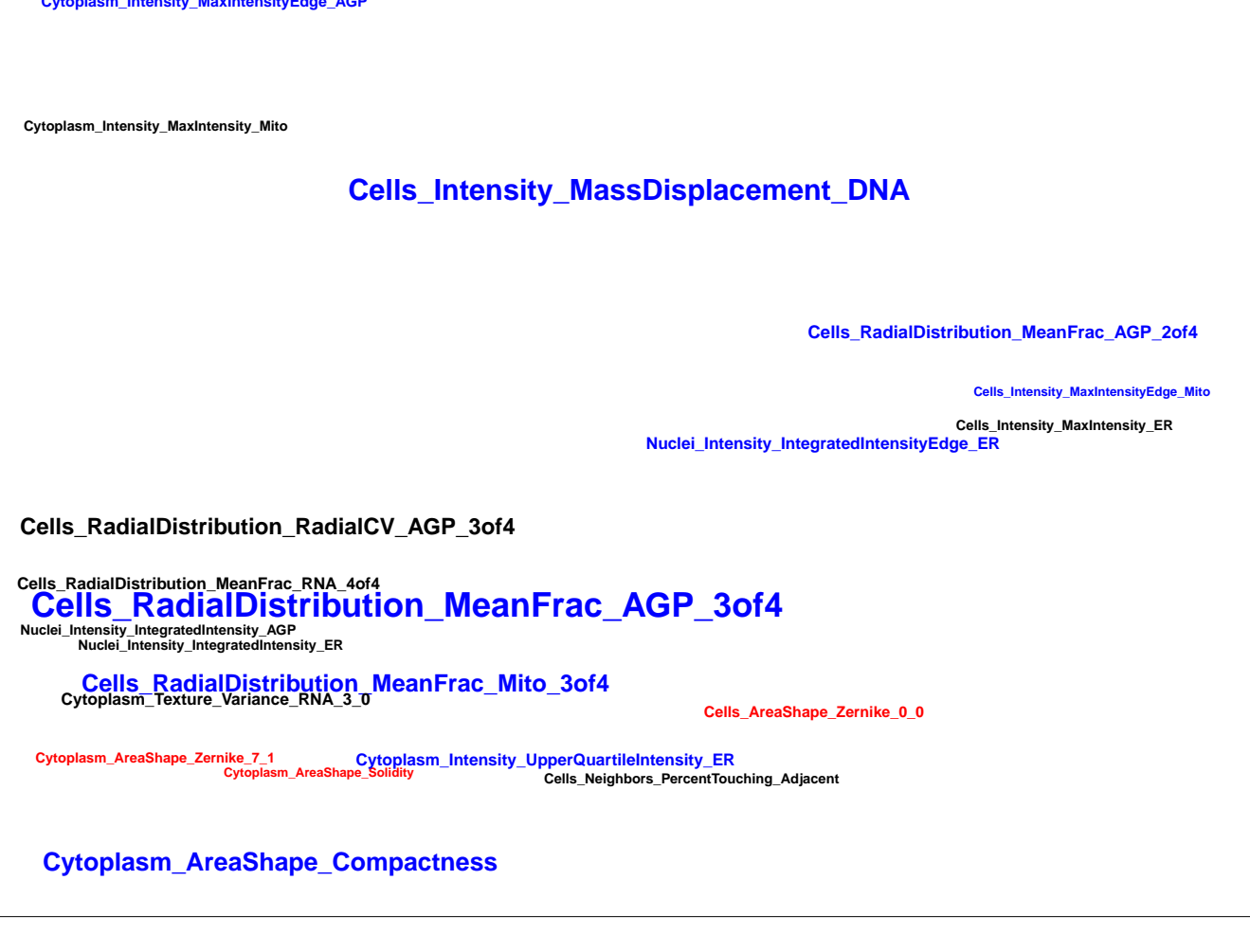
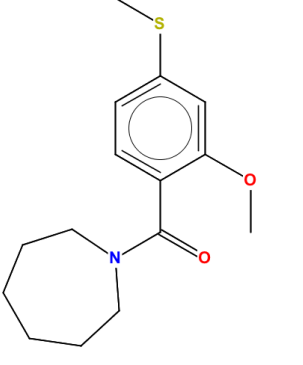
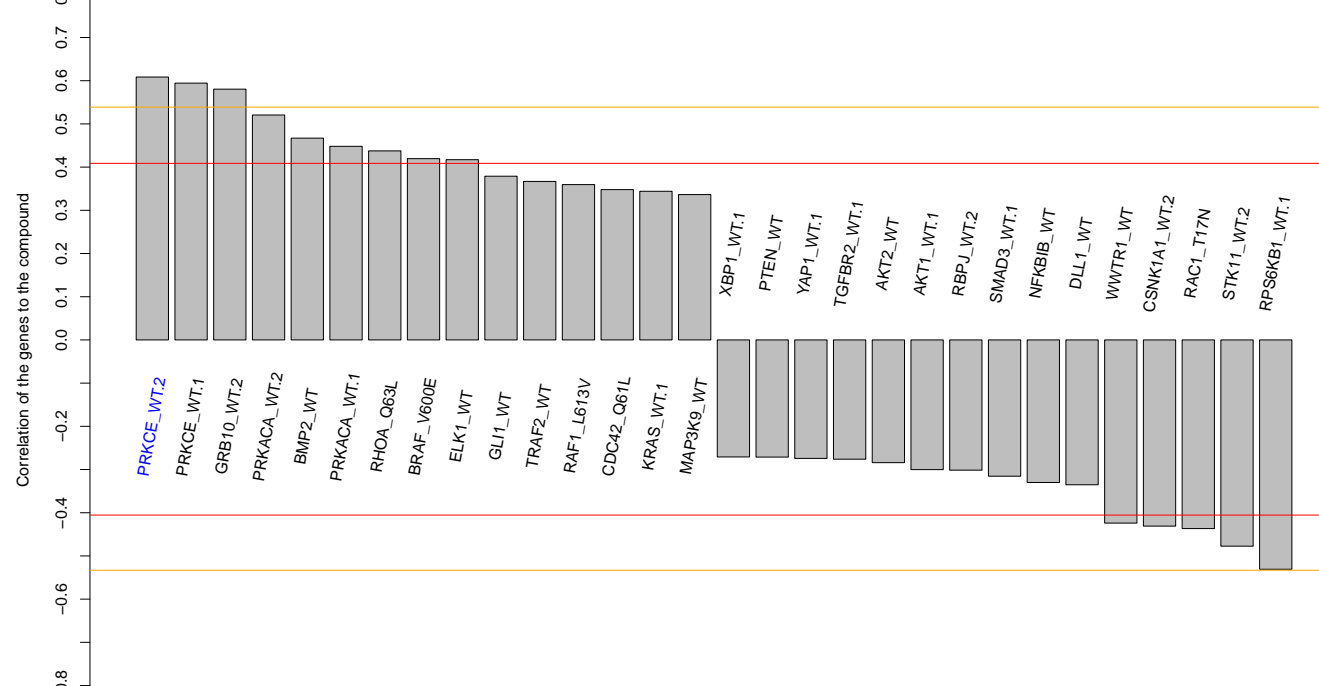
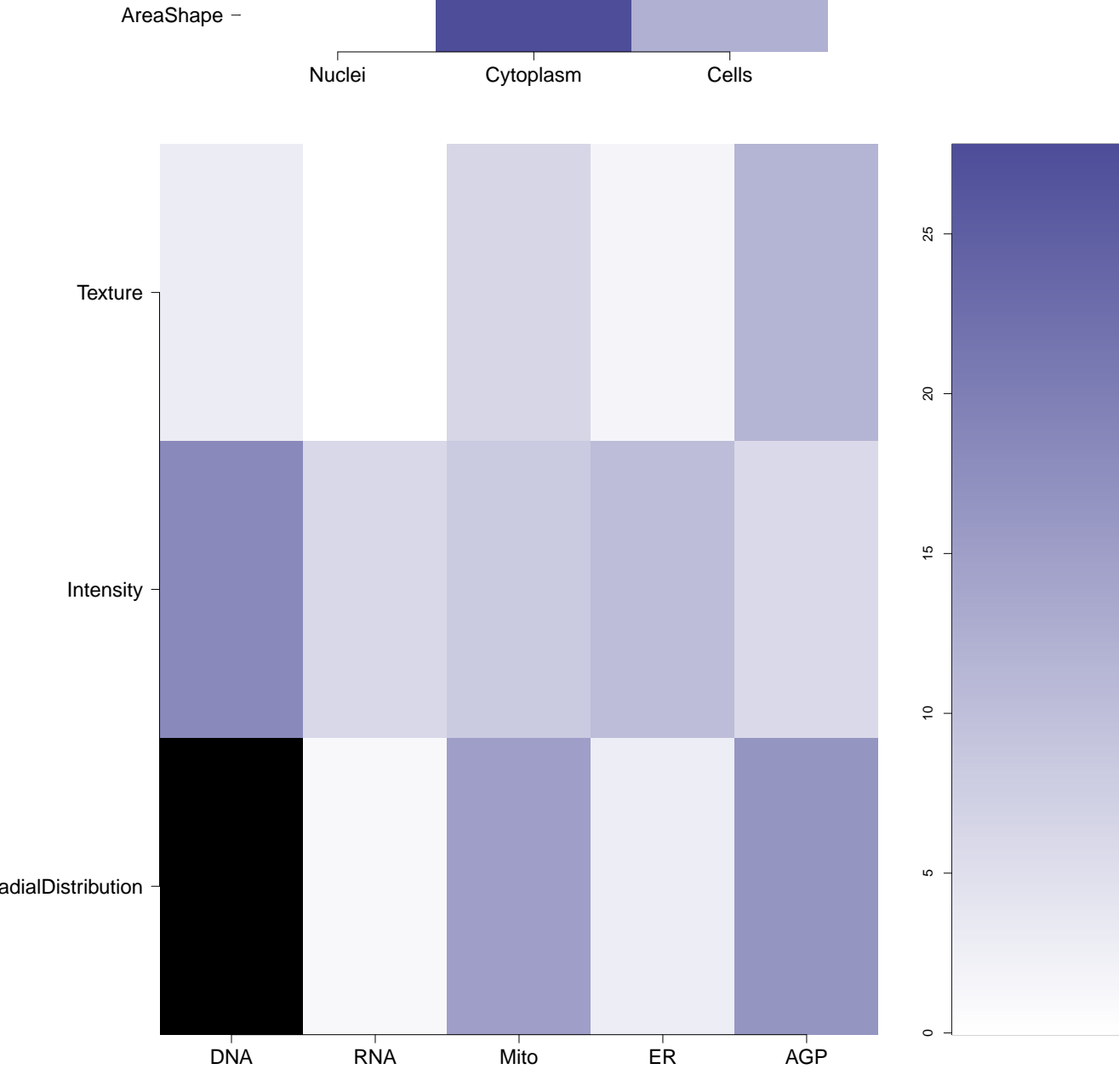
RNA



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 0.51)	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-K36394966-001-01-0 PubChem CID : 54618613		0.93 (in 4 replicates)	0.65	0.653				Total number of assays tested in: 34.
BRD-K47783463-001-01-9 PubChem CID : 44485701		0.95 (in 3 replicates)	0.63	0.254				Total number of assays tested in: 41. Active in the following assays: <ul style="list-style-type: none"> Luminescence Cell-Based Primary HTS to Identify Inhibitors of STK33 (AID 2330) 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) mutant P53 Measured in Biochemical System Using Small Molecule MicroArray - 2077-01.Other.SinglePoint.HTS.Activity (AID 624136) NF-KappaB Measured in Biochemical System Using Small Molecule MicroArray - 2080-01.Other.SinglePoint.HTS.Activity (AID 624139) SMM c-myc Measured in Biochemical System Using Small Molecule MicroArray - 2081-01.Other.SinglePoint.HTS.Activity (AID 624141) 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)
BRD-K19953419-001-07-4 MLS000722961 ZINC13146701 SMR000304956 PubChem CID : 9666375		0.85 (in 2 replicates)	0.61	NA				Total number of assays tested in: 628. Active in the following assays: <ul style="list-style-type: none"> Counter Screen for Luciferase-based Primary Inhibition Assays (AID 1006) Luminescence-based primary biochemical high throughput screening assay to identify inhibitors of the Heat Shock Protein 90 (HSP90) (AID 1789) MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) Luminescence-based confirmation biochemical high throughput screening assay for inhibitors of the Heat Shock Protein 90 (HSP90) (AID 1846) Luminescence-based counterscreen assay for HSP90 inhibitors: biochemical high throughput screening assay to identify inhibitors of native luciferase. (AID 1847) High throughput discovery of novel modulators of ROMK K+ channel activity: Primary Screen (AID 1918) HCS assay for microtubule stabilizers (AID 2205) Luminescence Cell-Based Dose Confirmation to Identify Activators of 5'UTR Stem-Loop Driven Alpha-Synuclein mRNA Translation in H4 Neuroglblastoma Cells (AID 2450) Luminescence Cell-Based Dose Response to Identify Activators of Luciferase Translation or Activity in H4-C Neuroglblastoma Cells (AID 2456) Luminescence Cell-Based Dose Response to Identify Activators of 5'UTR Stem-Loop Driven Protein mRNA Translation in H4-C Neuroglblastoma Cells (AID 2457) VP16 counterscreen qHTS for inhibitors of BOR gamma transcriptional activity (AID 2546) qHTS for inhibitors of BOR gamma transcriptional activity (AID 2551) qHTS Assay for Ra9 Promoter Activators (AID 485297) qHTS Assay for NPC1 Promoter Activators (AID 485313) HTS using Di-HDL to assay lipid transfer in [IdA]SR-BI cells Measured in Cell-Based System Using Plate Reader - 2085-01.Inhibitor.SinglePoint.HTS.Activity (AID 488896) Luminescence-based primary cell-based high throughput screening assay to identify inhibitors of the orphan nuclear receptor subfamily 0, group B, member 1 (DAX1; NR0B1) (AID 504766) qHTS profiling assay for firefly luciferase-inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342) A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296) qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDPI): qHTS in cells in absence of CPT (AID 686978) Luminescence-based cell-based primary high throughput screening assay to identify agonists of the DAF-12 from the parasite H. glycines (lgDAF-12). (AID 687014)
BRD-K16948767-001-01-8 PubChem CID : 54618963		0.89 (in 3 replicates)	0.61	0.668				Total number of assays tested in: 39. Active in the following assays: <ul style="list-style-type: none"> 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)
BRD-K48966181-001-06-9 ST50511150 MLS000110969 AC1LFUD4 HMS1611M08 HMS2365A16 ZINC227696 STK019124 ZINC00227696 SMR000106898 PubChem CID : 760119		0.91 (in 2 replicates)	0.61	NA				Total number of assays tested in: 755. Active in the following assays: <ul style="list-style-type: none"> qHTS Assay for Inhibitors of HPGD (15-Hydroxyprostaglandin Dehydrogenase) (AID 894) Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domains, specifically MEK5 MEK Kinase3 Wildtype (AID 1529) Luminescence Microorganism Primary HTS to Identify Inhibitors of the SUMOylation Pathway Using a Temperature Sensitive Growth Reversal Mutant Mcc1-301 (AID 2716)

