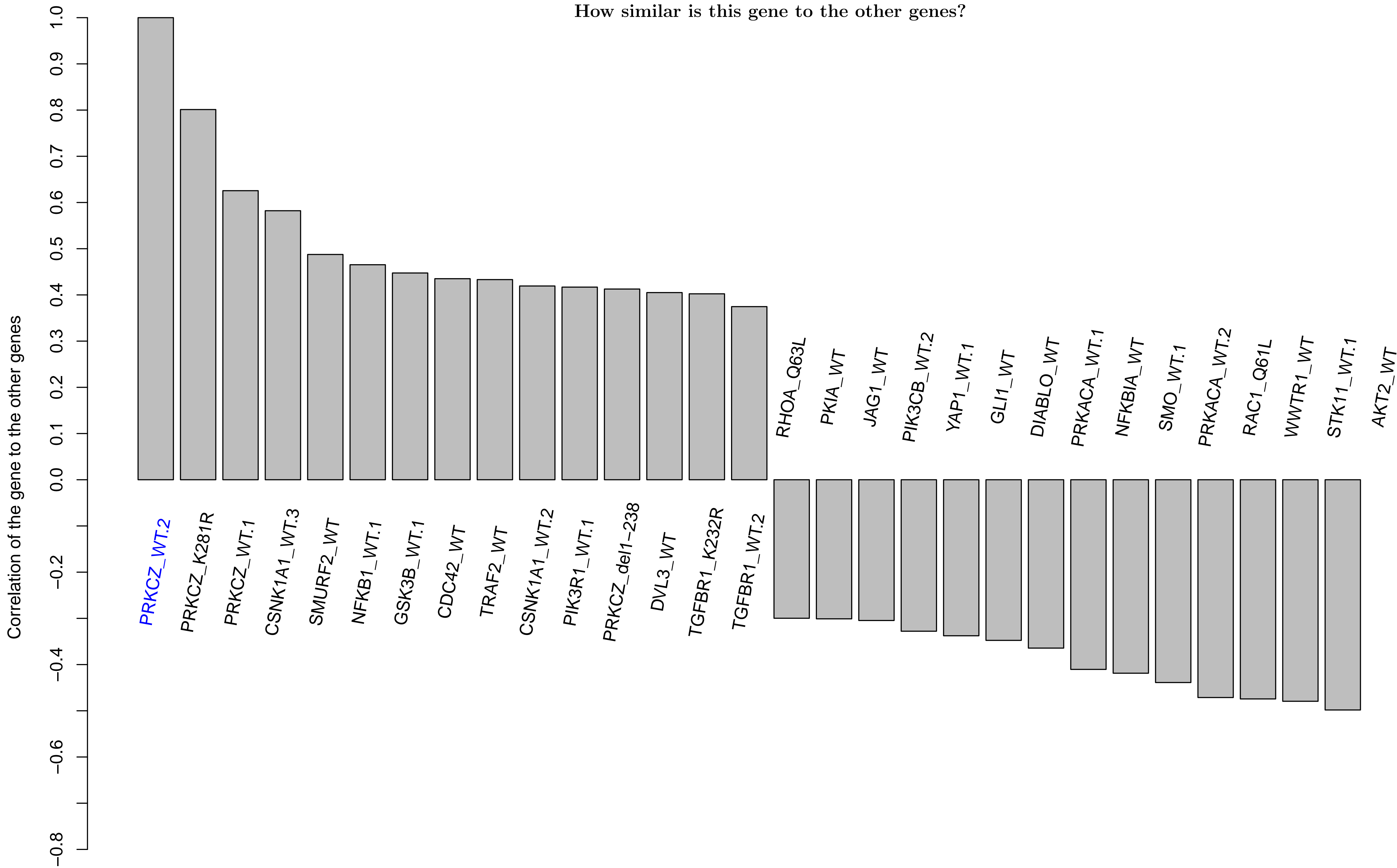
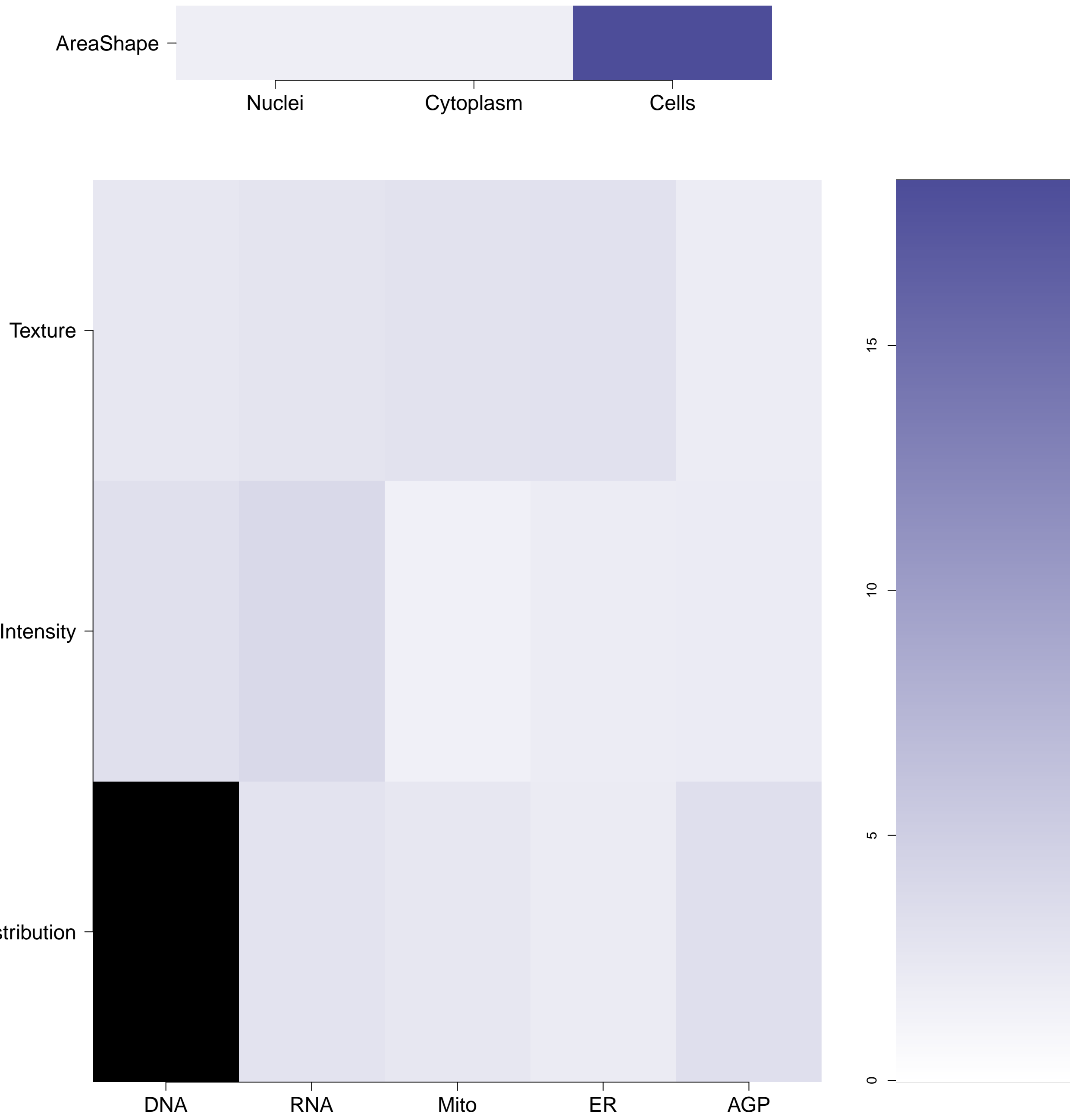


PRKCZ.WT.2 - in Canonical PKC

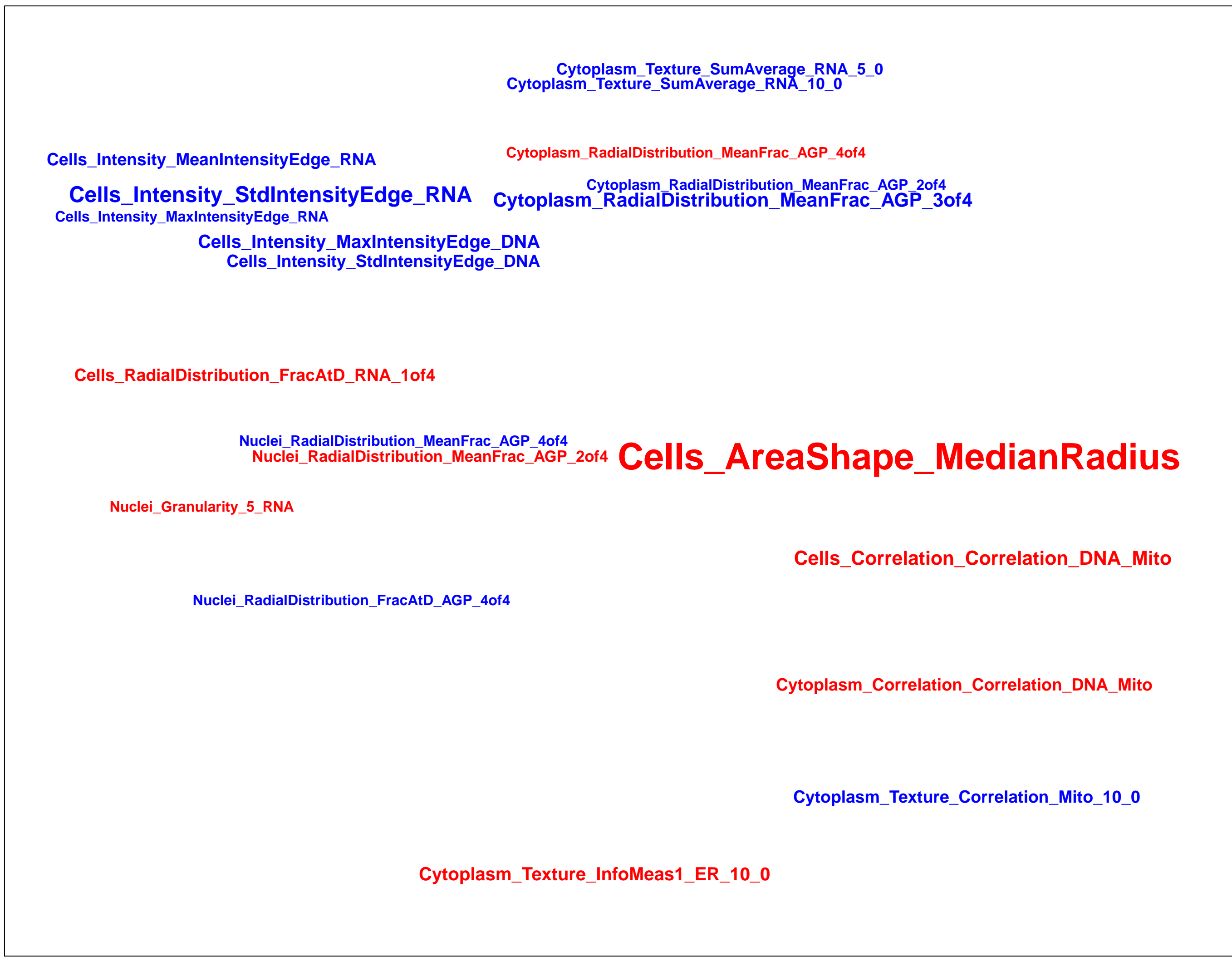
How similar is this gene to the other genes?



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

PRKCZ.WT.2 (41744)

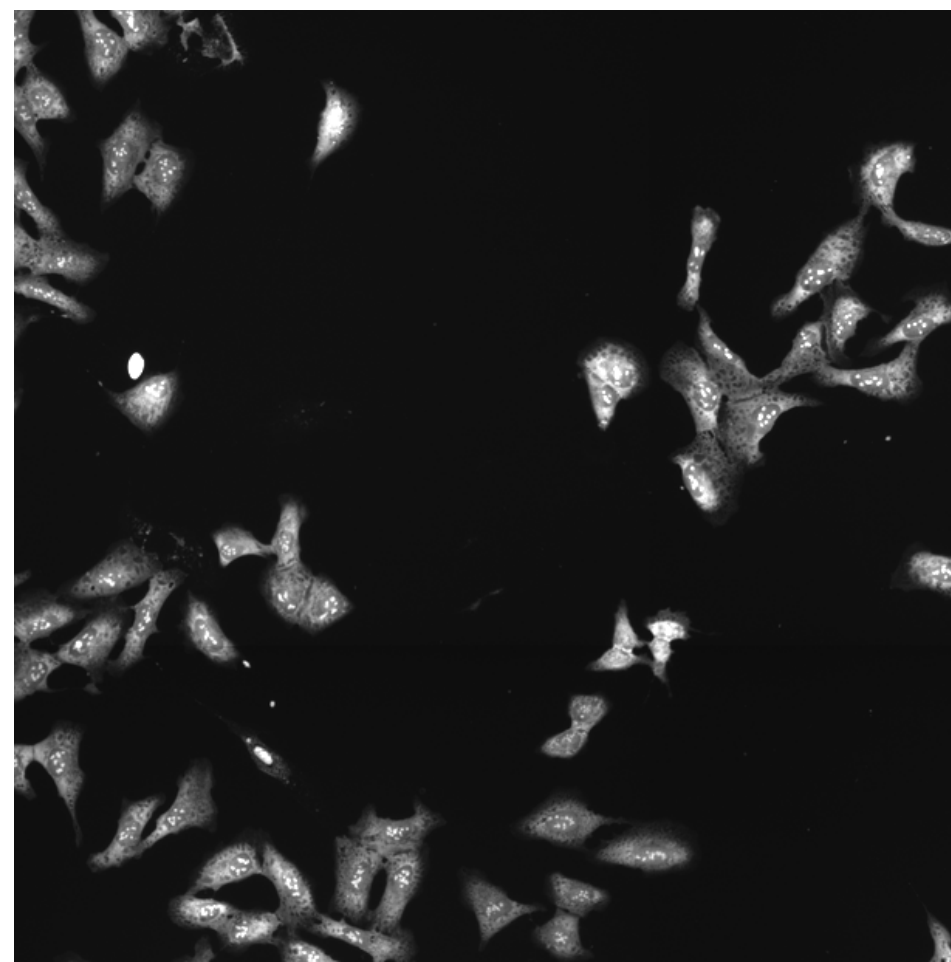
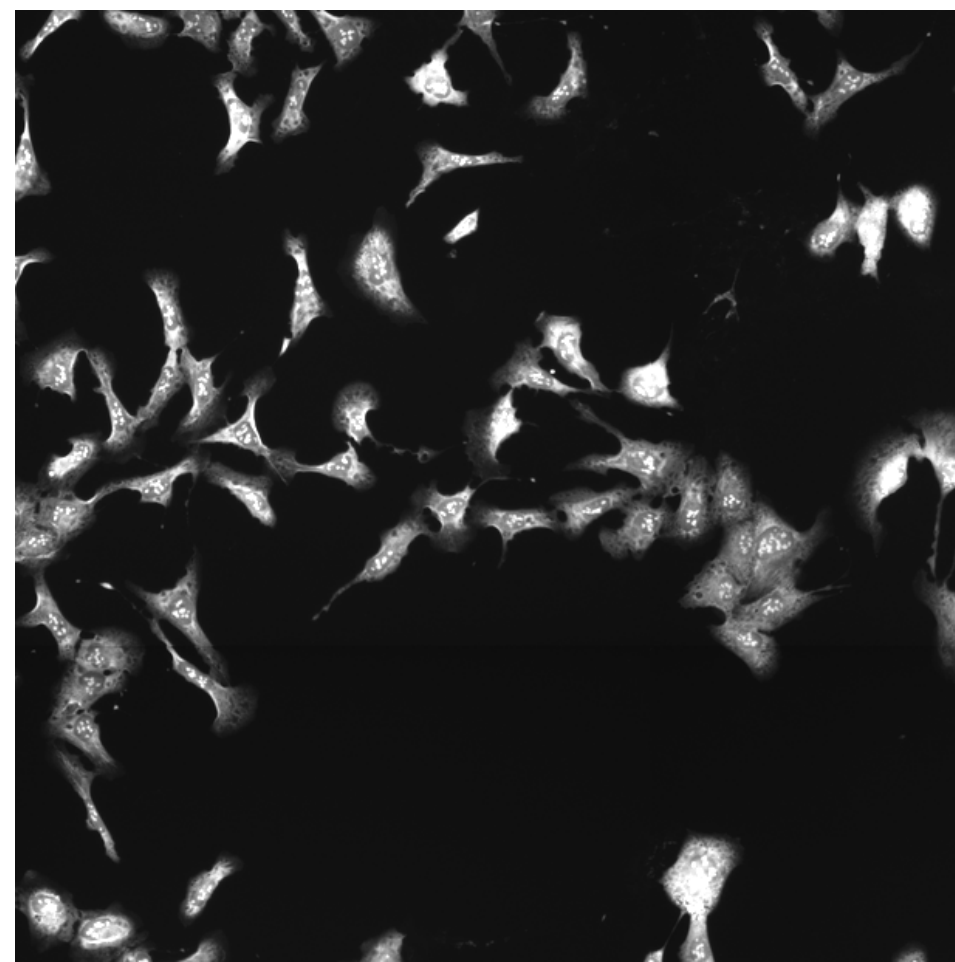
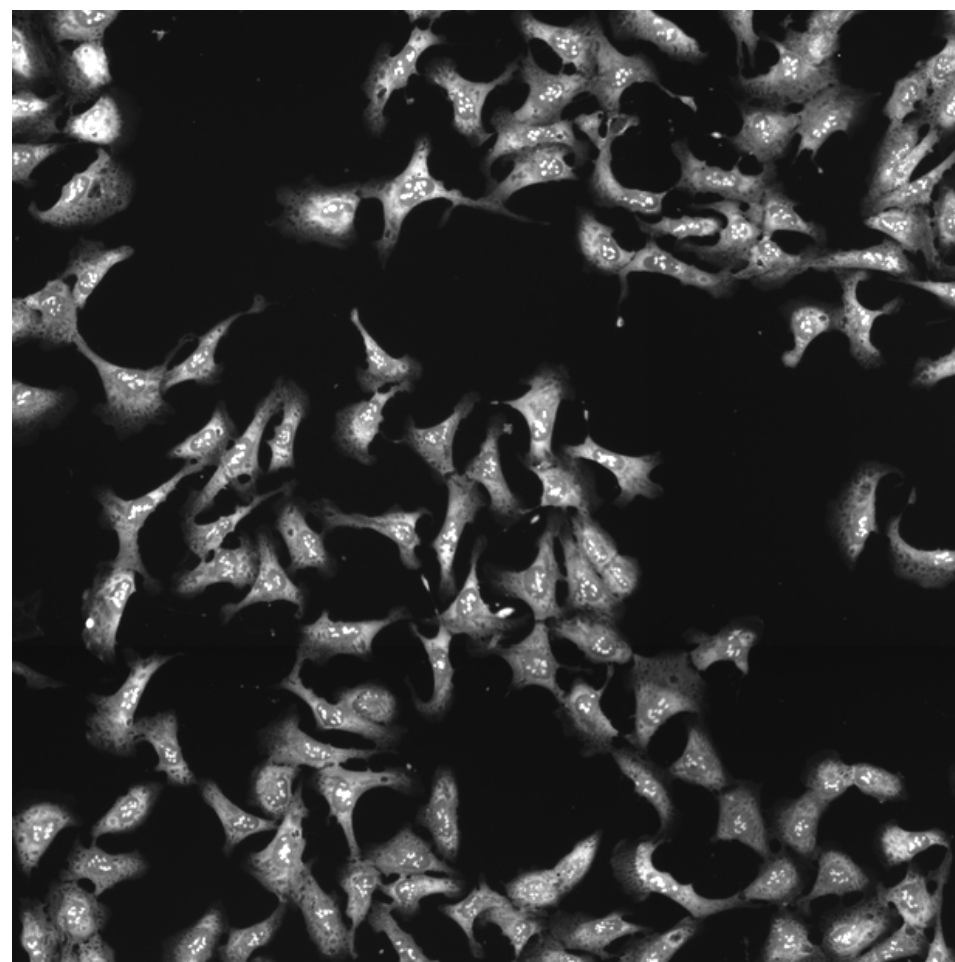
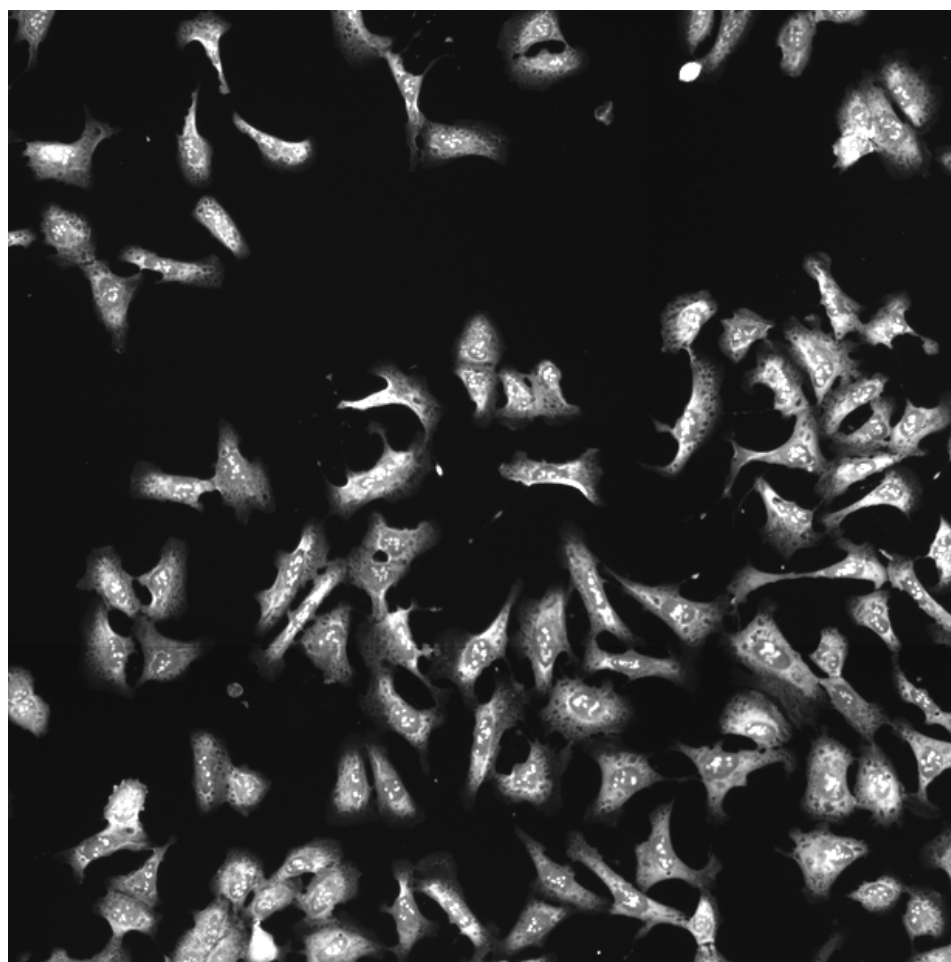
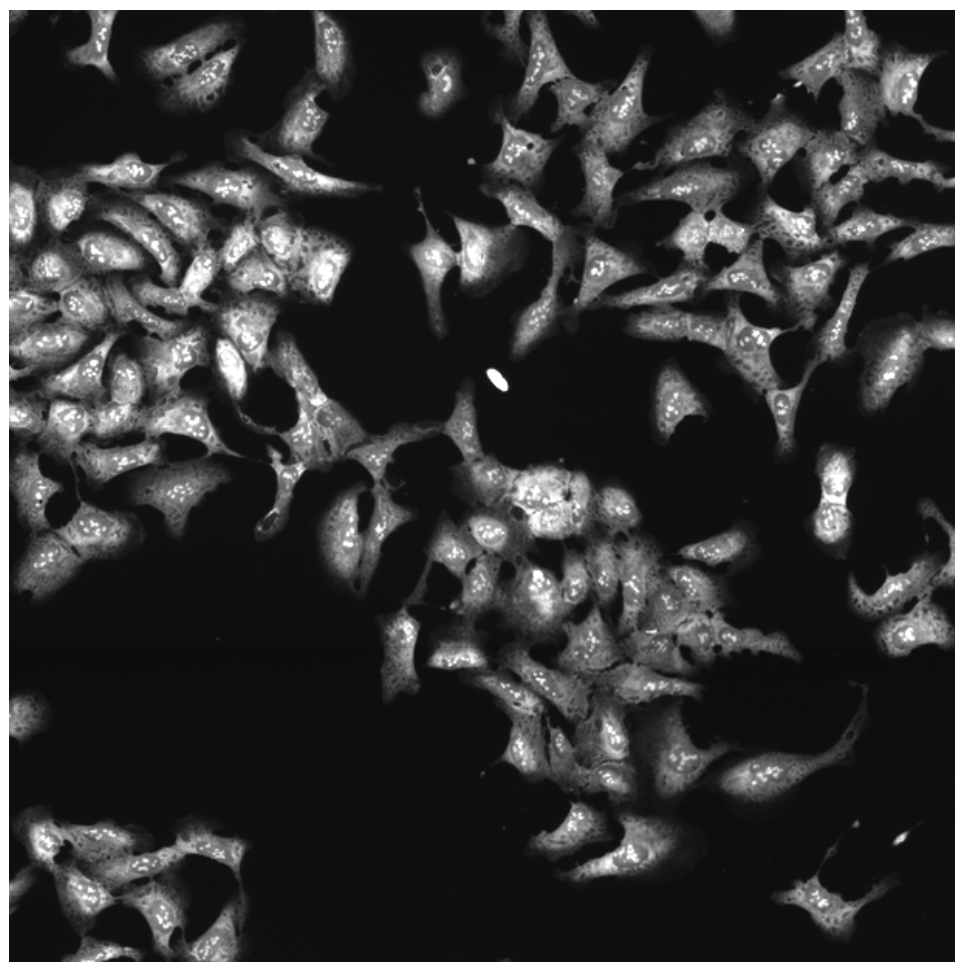
PRKCZ.WT.2 (41755)

PRKCZ.WT.2 (41756)

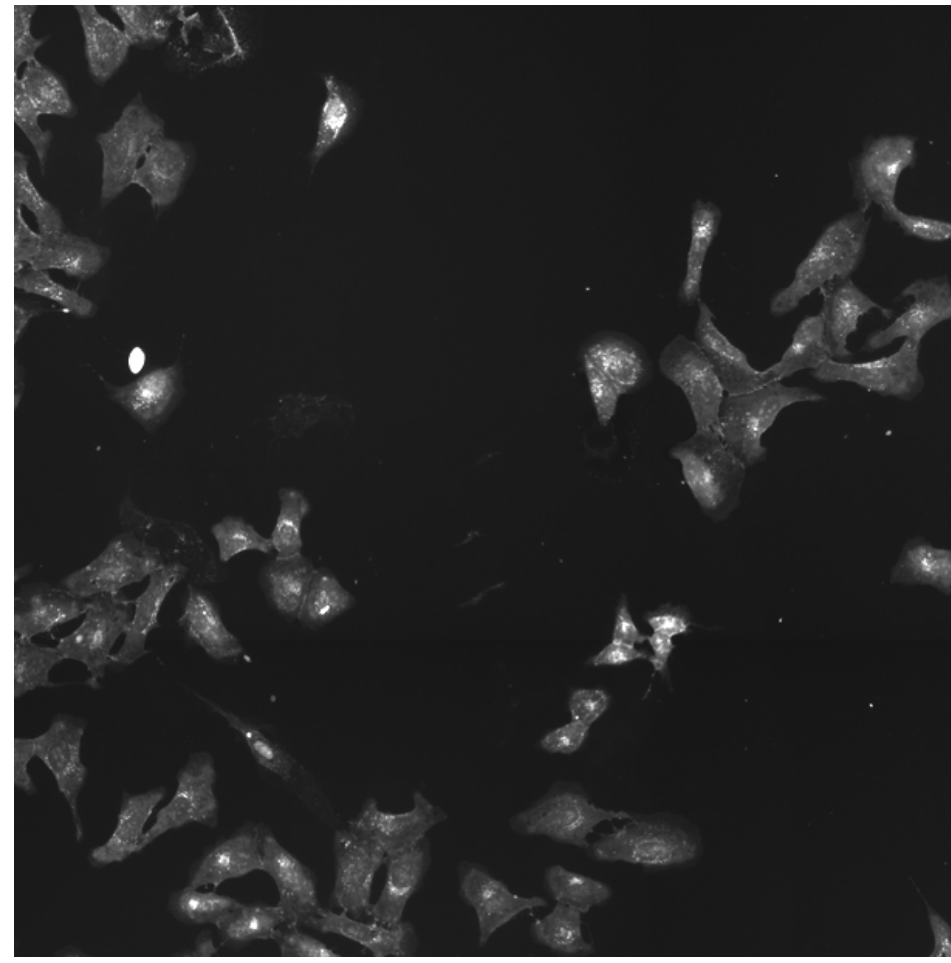
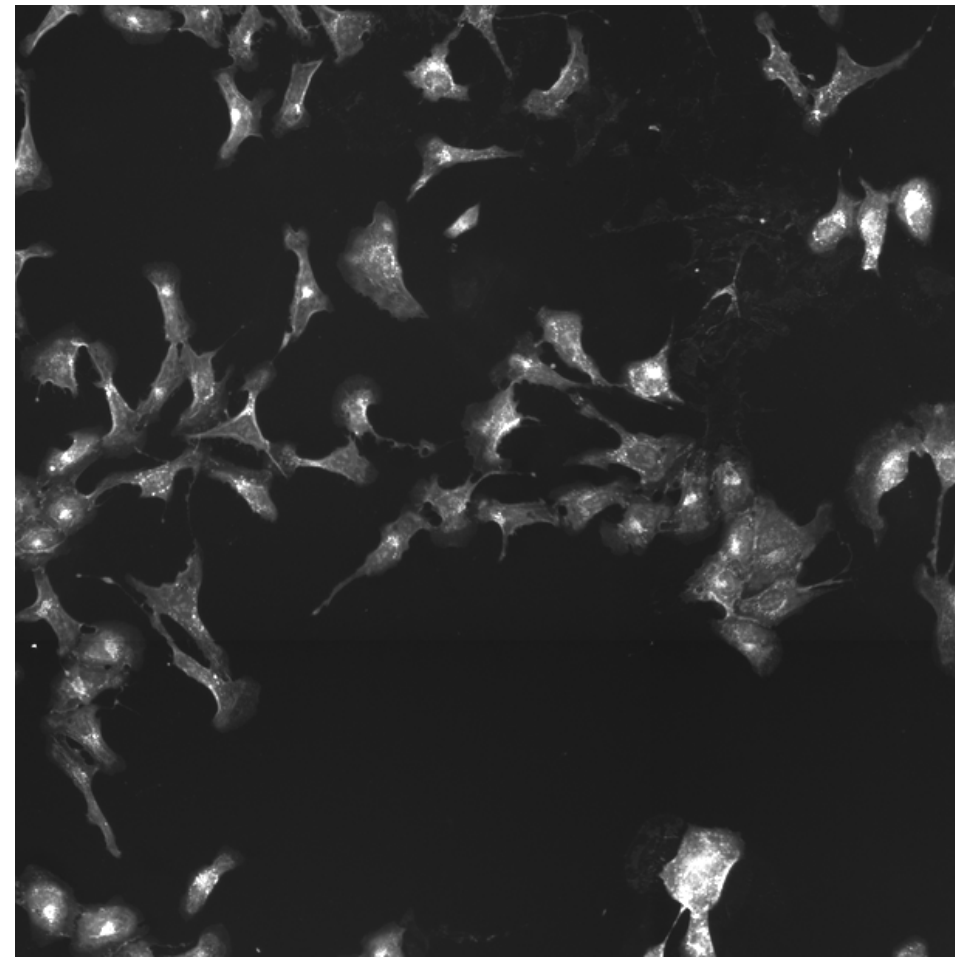
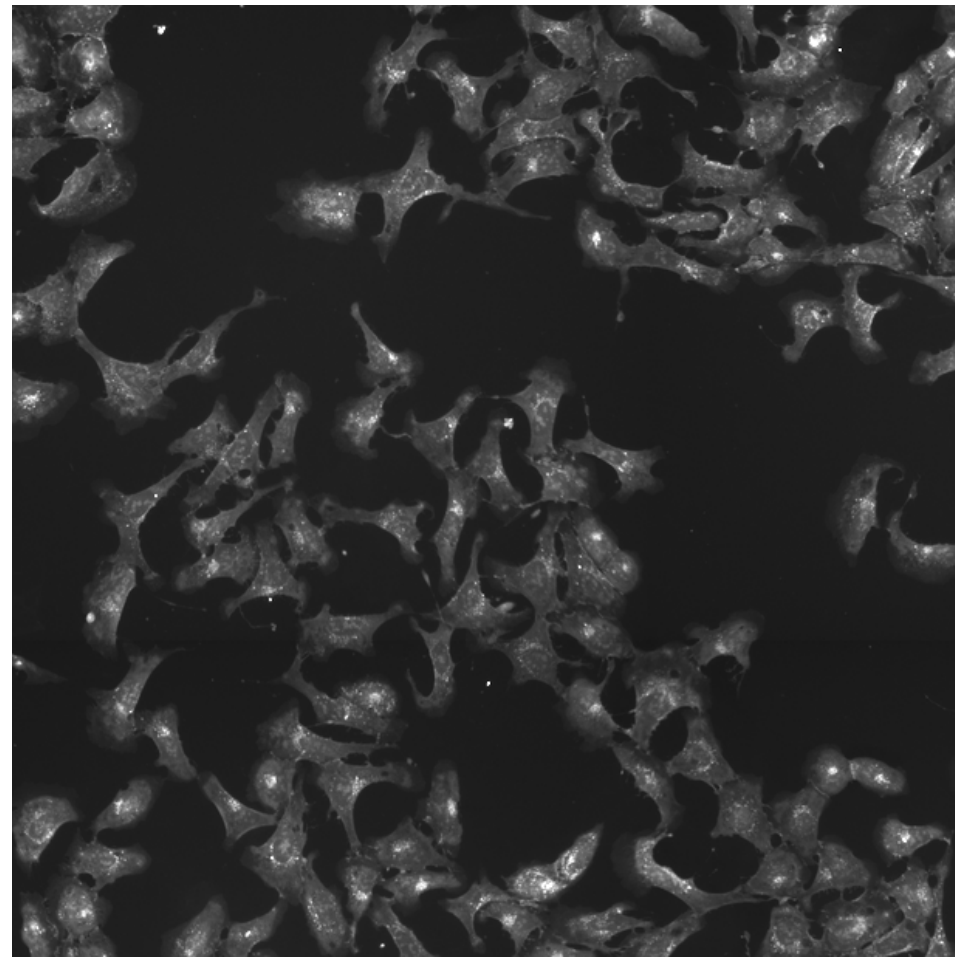
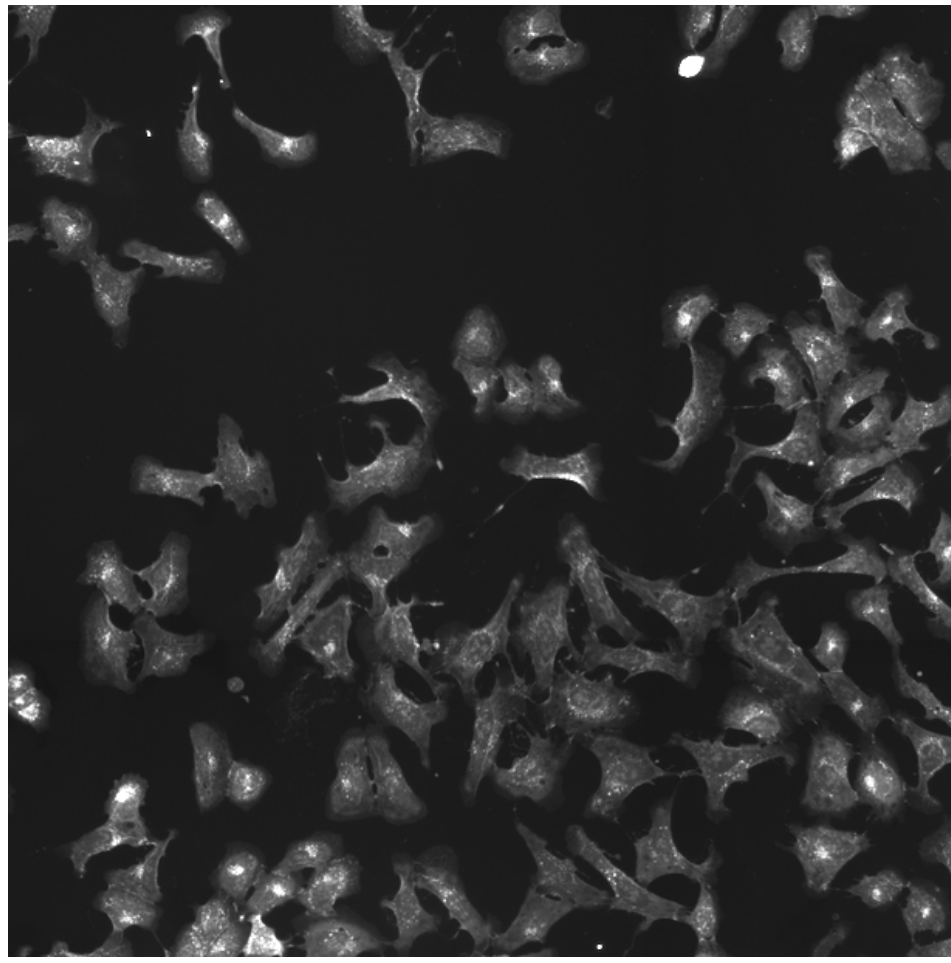
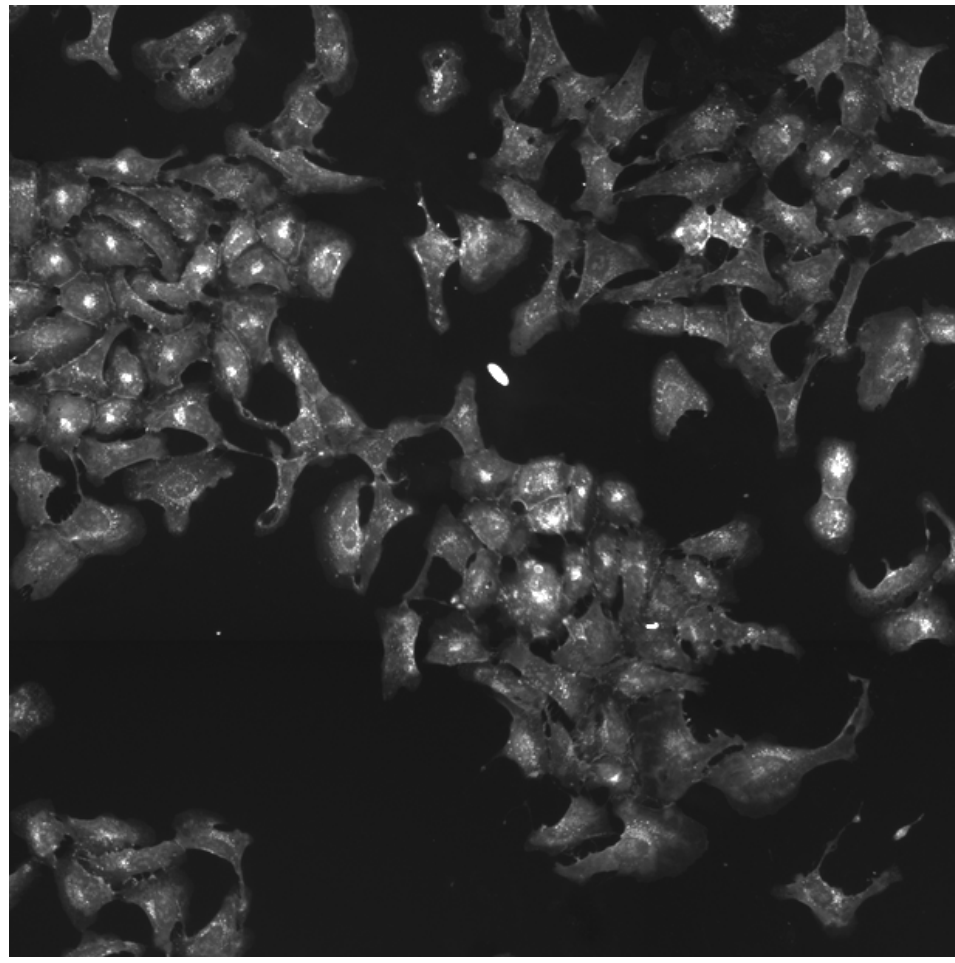
PRKCZ.WT.2 (41757)

PRKCZ.WT.2 (41754)

RNA



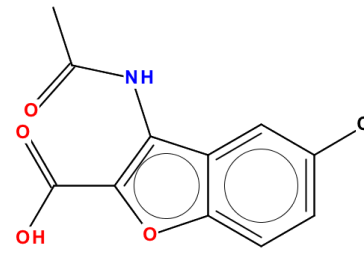
AGP



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 0.51)	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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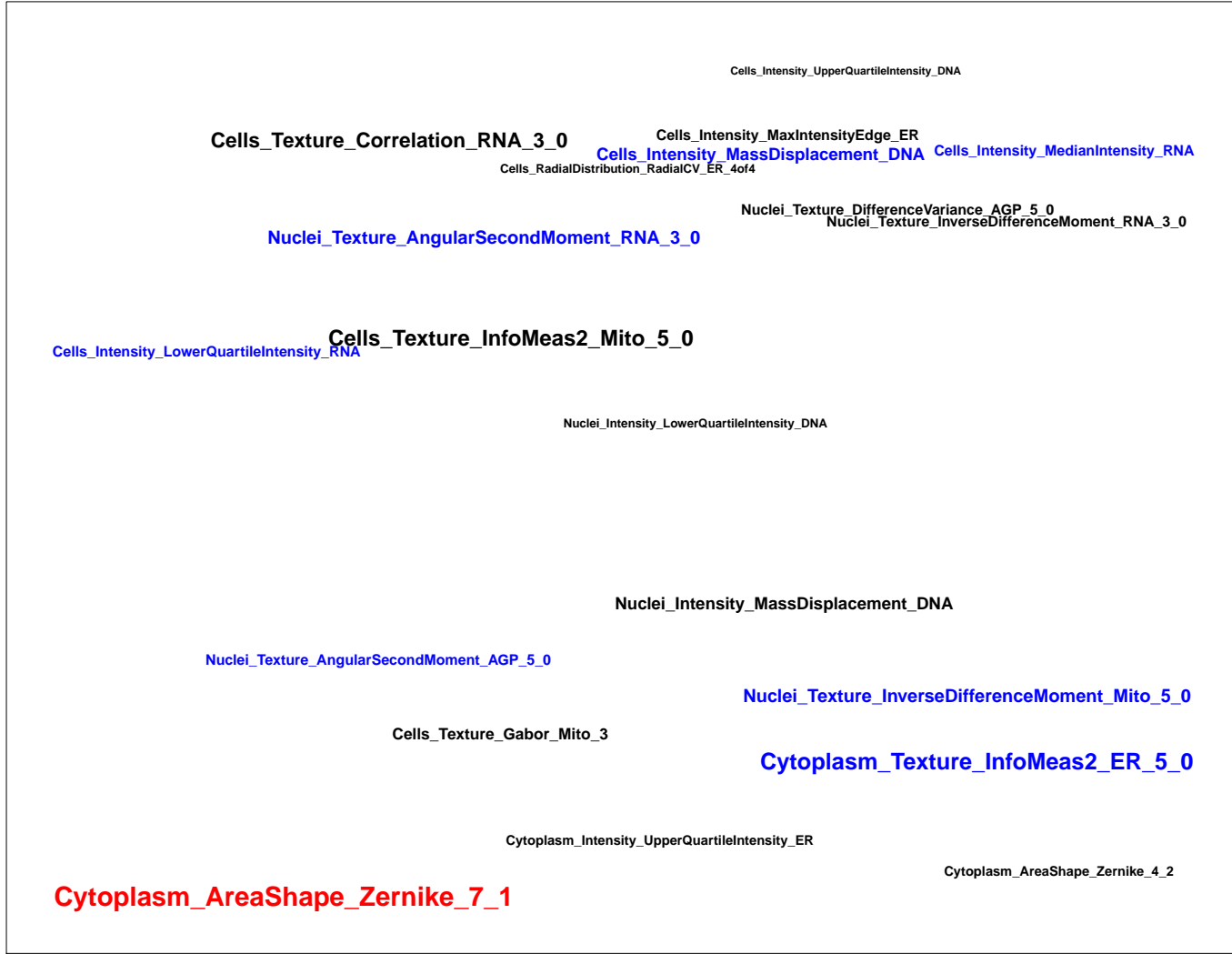
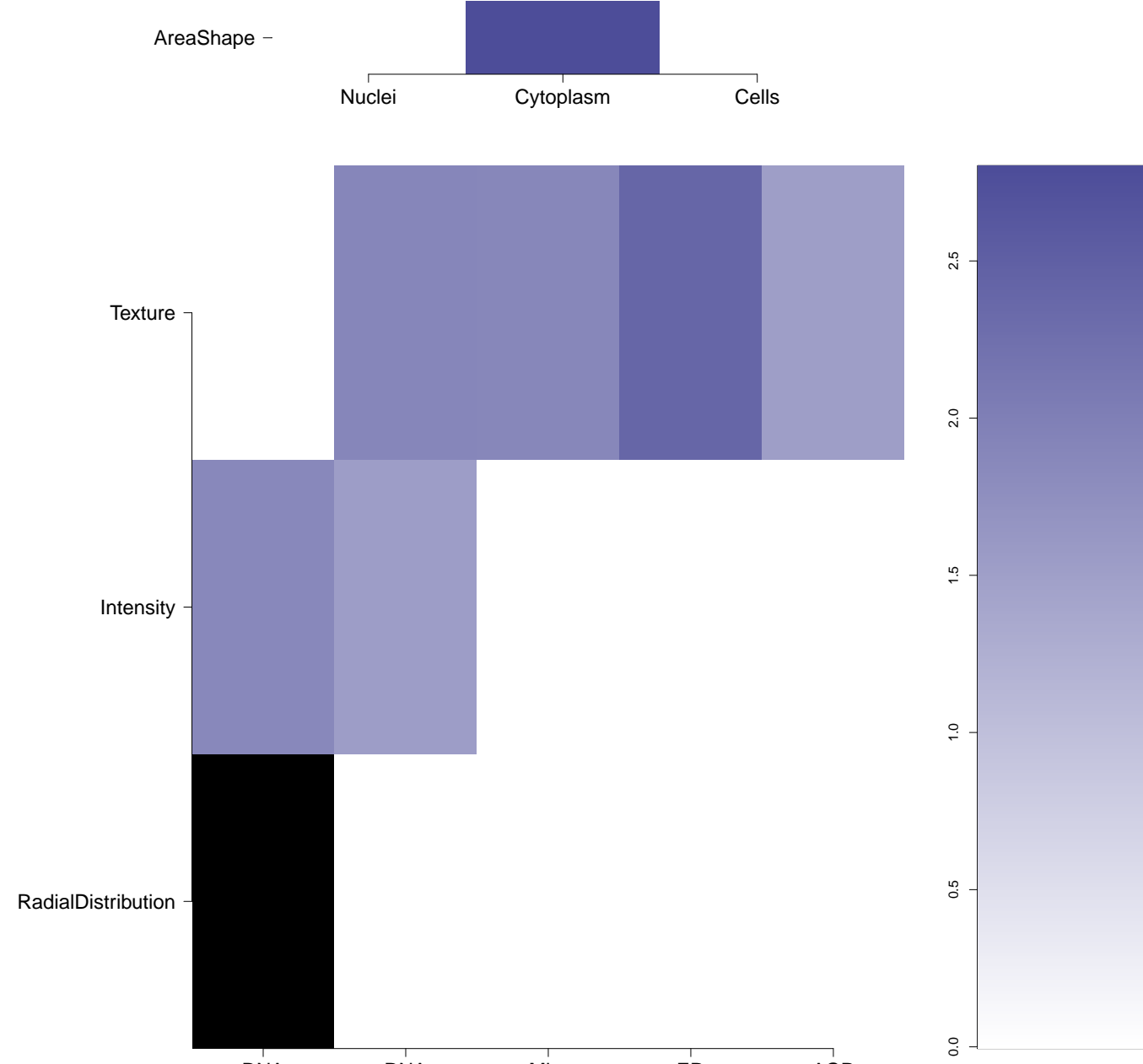
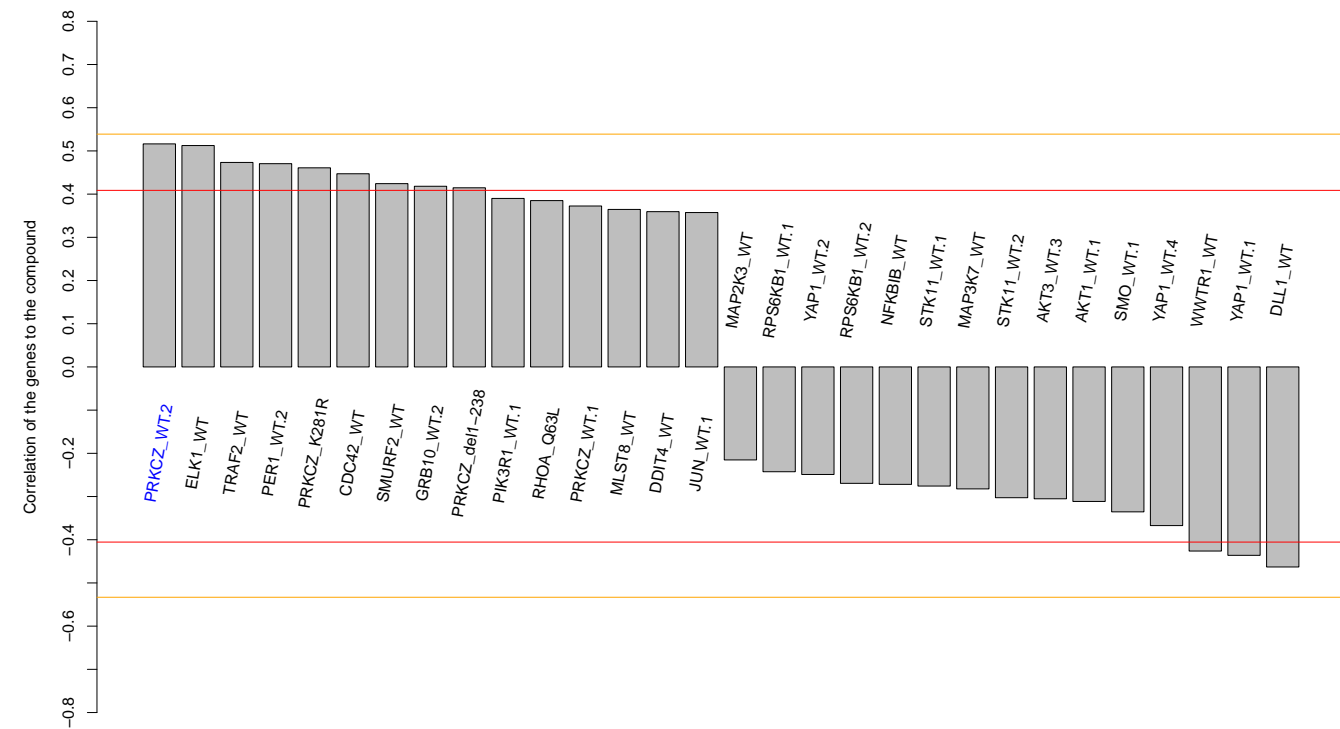
BRD-K73953291-001-06-2  
MLS000035731  
AC1LDESP  
HMS1675M03  
ZINC380820  
STK731381  
BAS 01507272  
SMR000010547  
PubChem CID : 646952



NA (in 1 replicates)

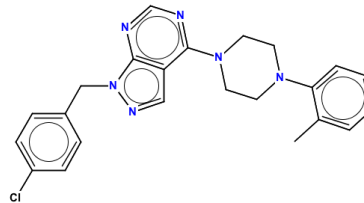
0.52

NA



- Total number of assays tested in: 774. Active in the following assays:
- Primary cell-based high throughput screening assay to measure STAT3 activation (AID 871)
  - A screen for compounds that inhibit cell wall-associated teichoic acid synthesis in *Staphylococcus aureus* (AID 463173)
  - Luminescence Cell-Free Homogeneous Dose Retest to Confirm Inhibitors of GSK-3 alpha (AID 463203)
  - Primary qHTS for delayed death inhibitors of the malarial parasite plasmodium, 96 hour incubation (AID 504834)

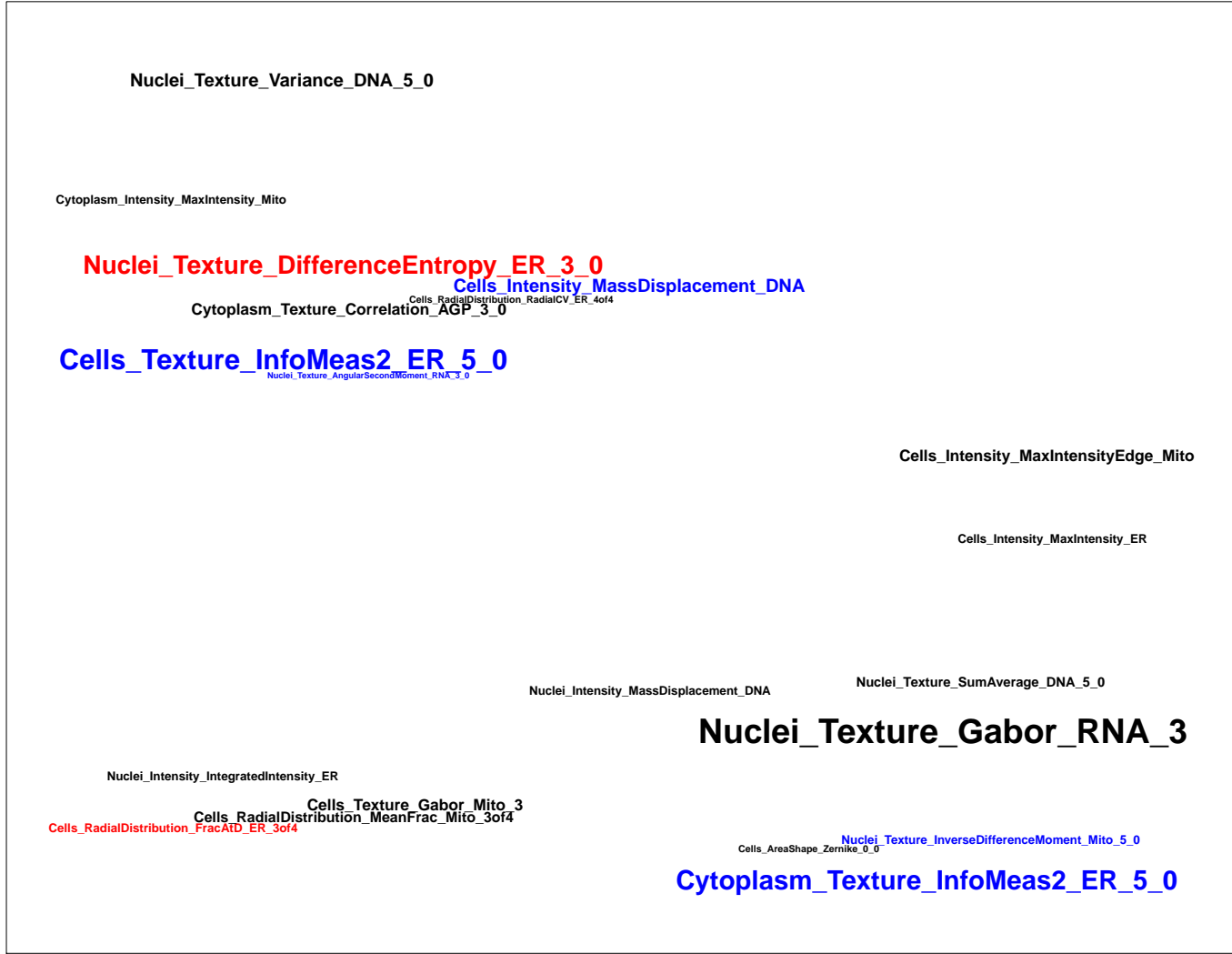
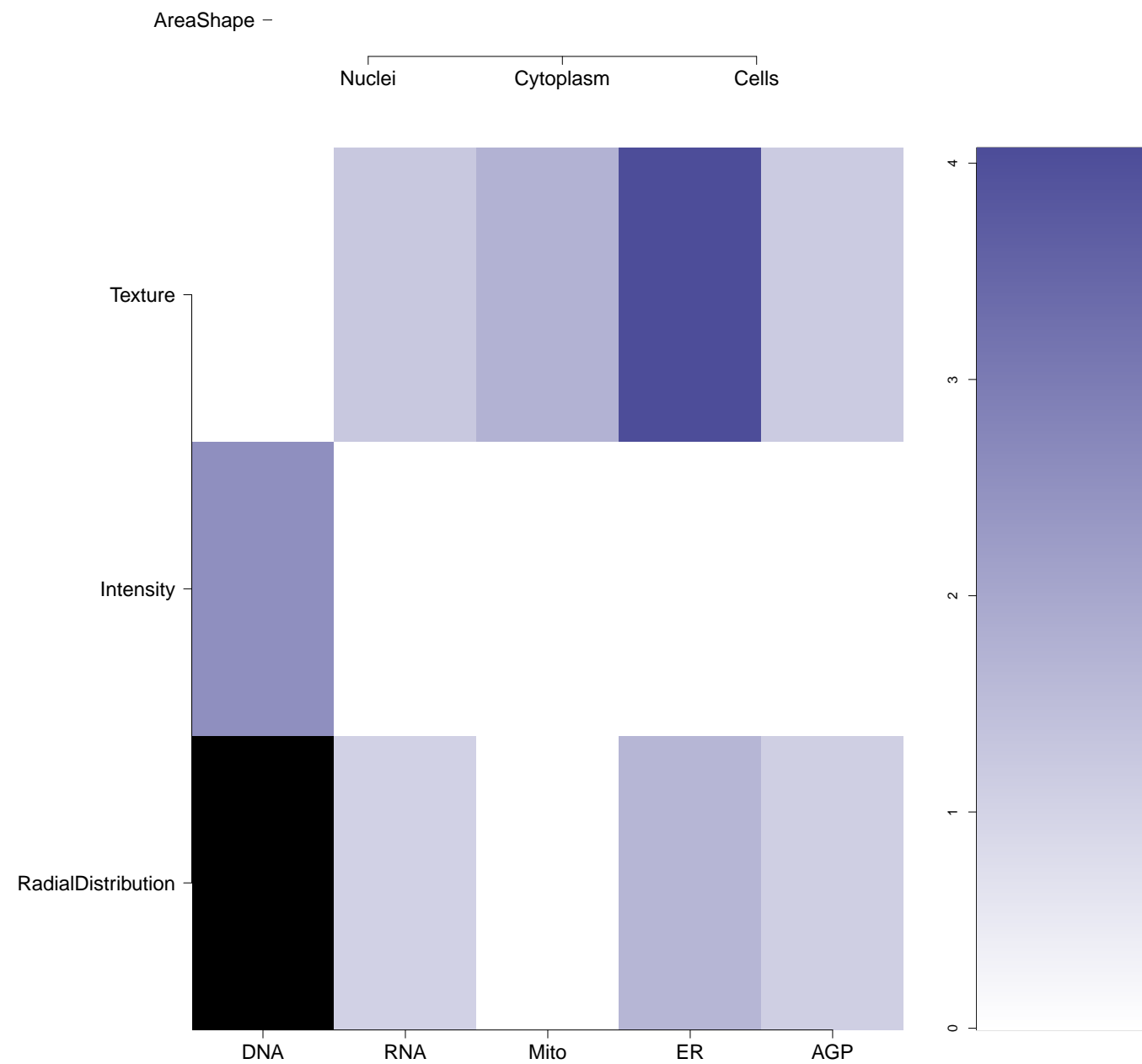
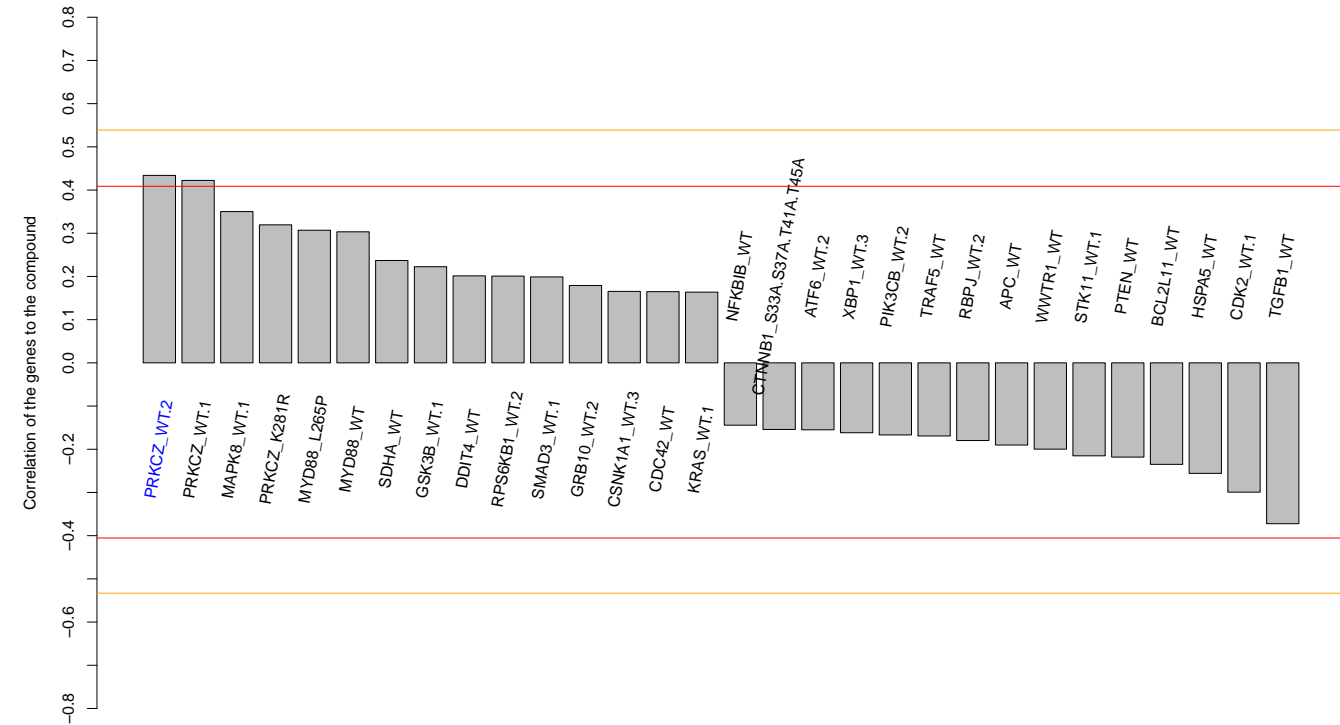
BRD-K53566850-001-05-1  
MLS000048987  
SMR000074215  
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BDBM61603  
HMS2164P19  
ML144  
ZINC1473017  
STK109971  
ST50056322  
VU0190045-4  
T5751753  
F1405-0593  
PubChem CID : 1542103



NA (in 1 replicates)

0.43

NA



- Total number of assays tested in: 793. Active in the following assays:
- HTS for BAP1 Enzyme inhibitors (AID 436)
  - CYP2C9 Assay (AID 777)
  - qHTS Assay for Inhibitors of HSD17B4, hydroxysteroid (17-beta) dehydrogenase 4 (AID 893)
  - Primary cell-based high-throughput screening assay for antagonists of NPY-Y1 (AID 1040)
  - High Throughput Screen to Identify Compounds that Suppress the Growth of Human Colon Tumor Cells Lacking Oncogenic Beta Catenin Expression - Dose Response (AID 1045)
  - High Throughput Screen to Identify Compounds that Suppress the Growth of Cells with a Deletion of the PTEN Tumor Suppressor - Dose Response (AID 1047)
  - Counterscreen assay for antagonists of neuropeptide Y receptor Y1 (NPY-Y1): Cell-based high throughput assay to measure NPY-Y2 antagonism (AID 1255)
  - Image-Based HTS for Selective Antagonists of GPR35 (AID 2058)
  - Summary of Image-based HTS for Selective Antagonists of GPR35 (AID 2079)
  - Primary cell-based high-throughput screening assay for identification of compounds that inhibit KCNQ2 potassium channels (AID 2156)
  - SAR analysis of Antagonists of the GPR35 Receptor using an Image-Based Assay - Set 2 (AID 2480)
  - A Cell Based Secondary Assay To Explore Cytotoxicity of Compounds that Inhibit Mycobacterium Tuberculosis (AID 435019)
  - Inhibitors of Cav3 T-type Calcium Channels: Primary Screen (AID 449739)
  - High Throughput Screening Assay used to Identify Novel Compounds that Inhibit Mycobacterium Tuberculosis in 7H9 Media (AID 449762)
  - A High Throughput Confirmatory Assay used to Identify Novel Compounds that Inhibit Mycobacterium Tuberculosis in the absence of Glycerol (AID 449764)
  - Nrf2 qHTS screen for inhibitors (AID 504444)
  - HTS for Beta-2AR agonists via FAP method (AID 504454)
  - Dose response for HTS for Beta-2AR agonists via FAP method from CP1 (AID 588763)
  - Dose response for HTS for Beta-2AR agonists via FAP method from PowderSet3 (AID 62847)
  - Parallel artificial membrane permeability assay at pH 7.4 (AID 624339)
  - Counter screen for HTS for Beta-2AR agonists with FAP-tagged human GPR32 with PowderSet3 (AID 651853)
  - Counter screen for HTS for Beta-2AR agonists with FAP-tagged human CCR5 with PowderSet3 (AID 651855)
  - qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)
  - qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)