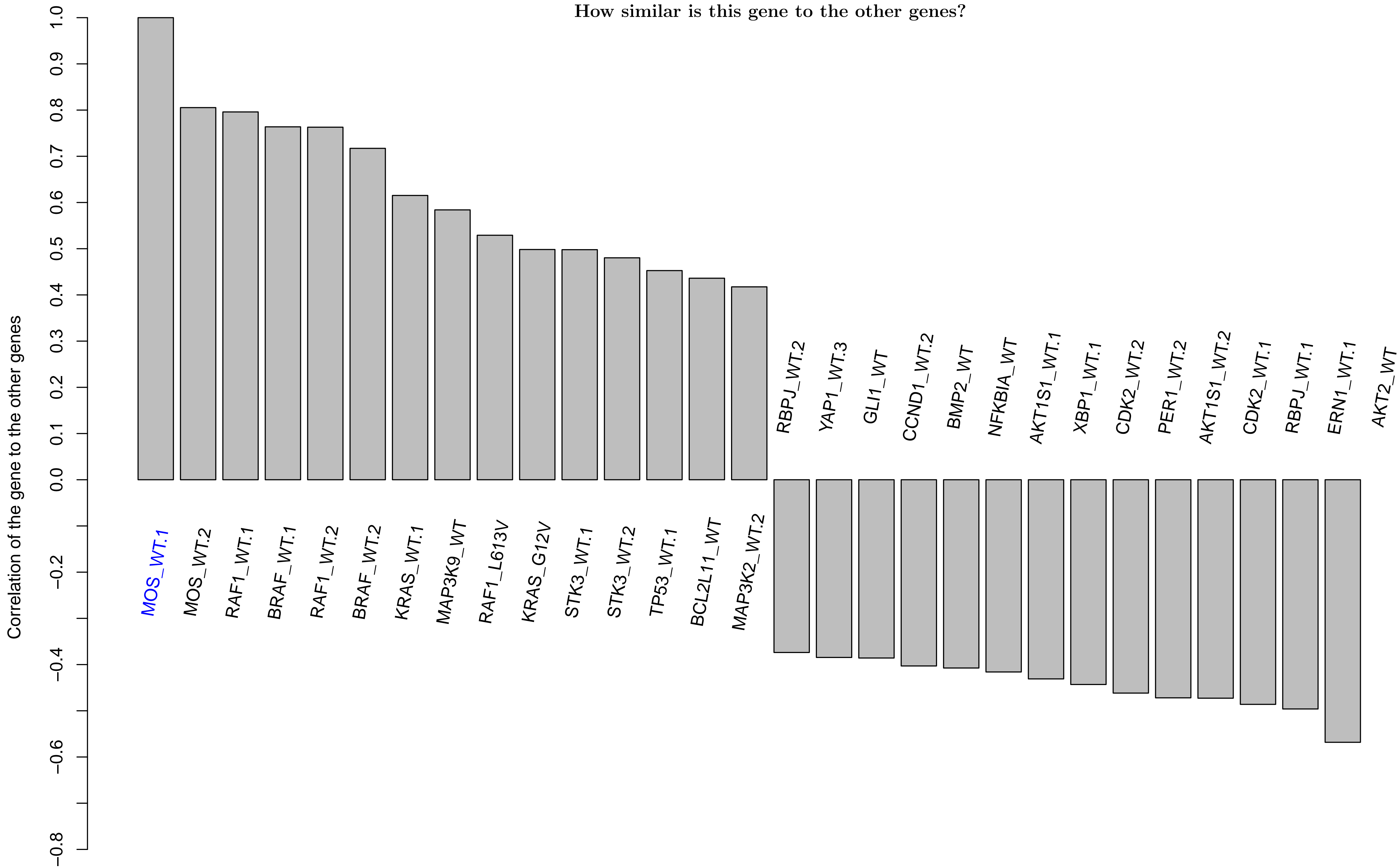
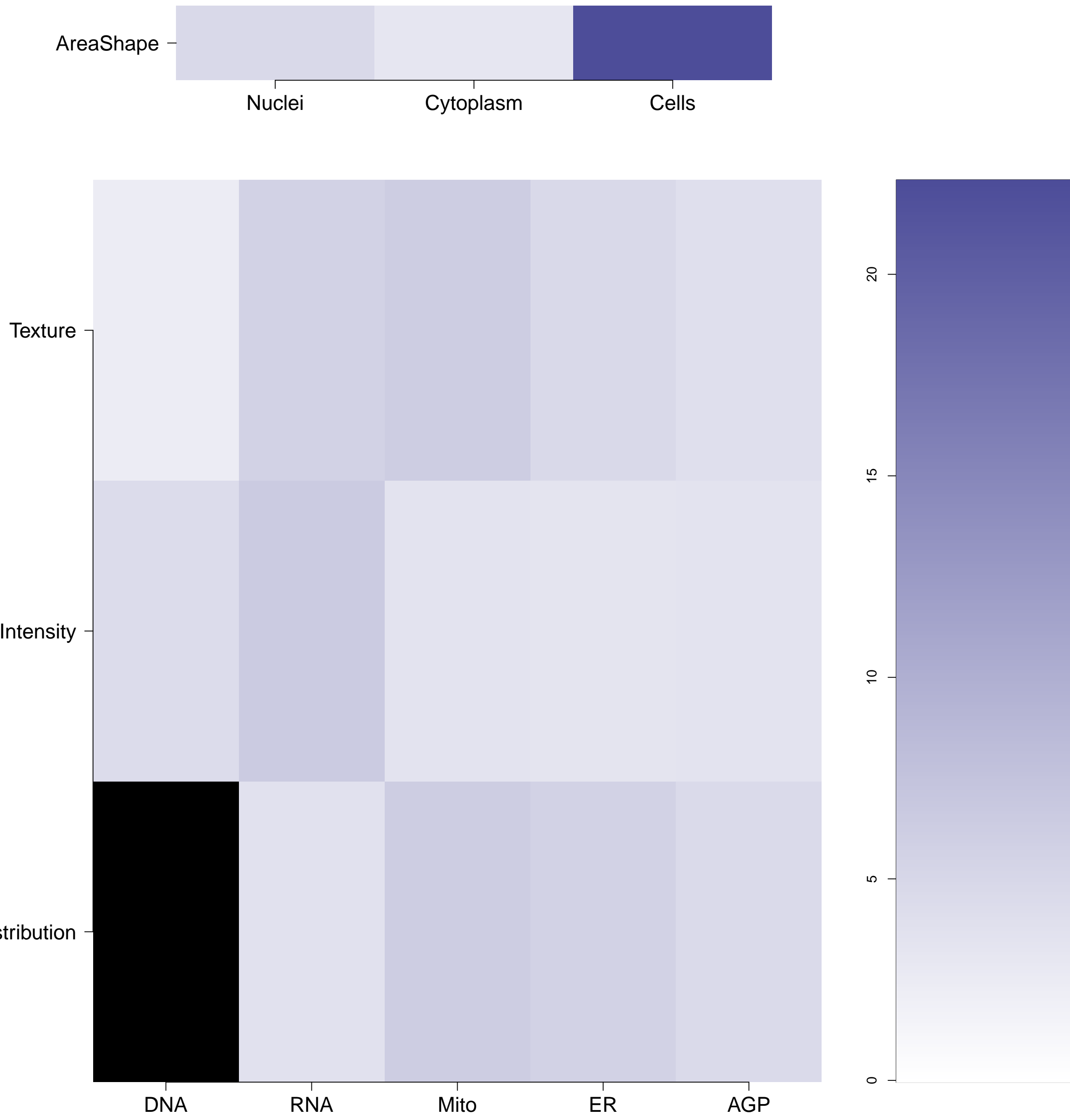


MOS.WT.1 - in MAPK

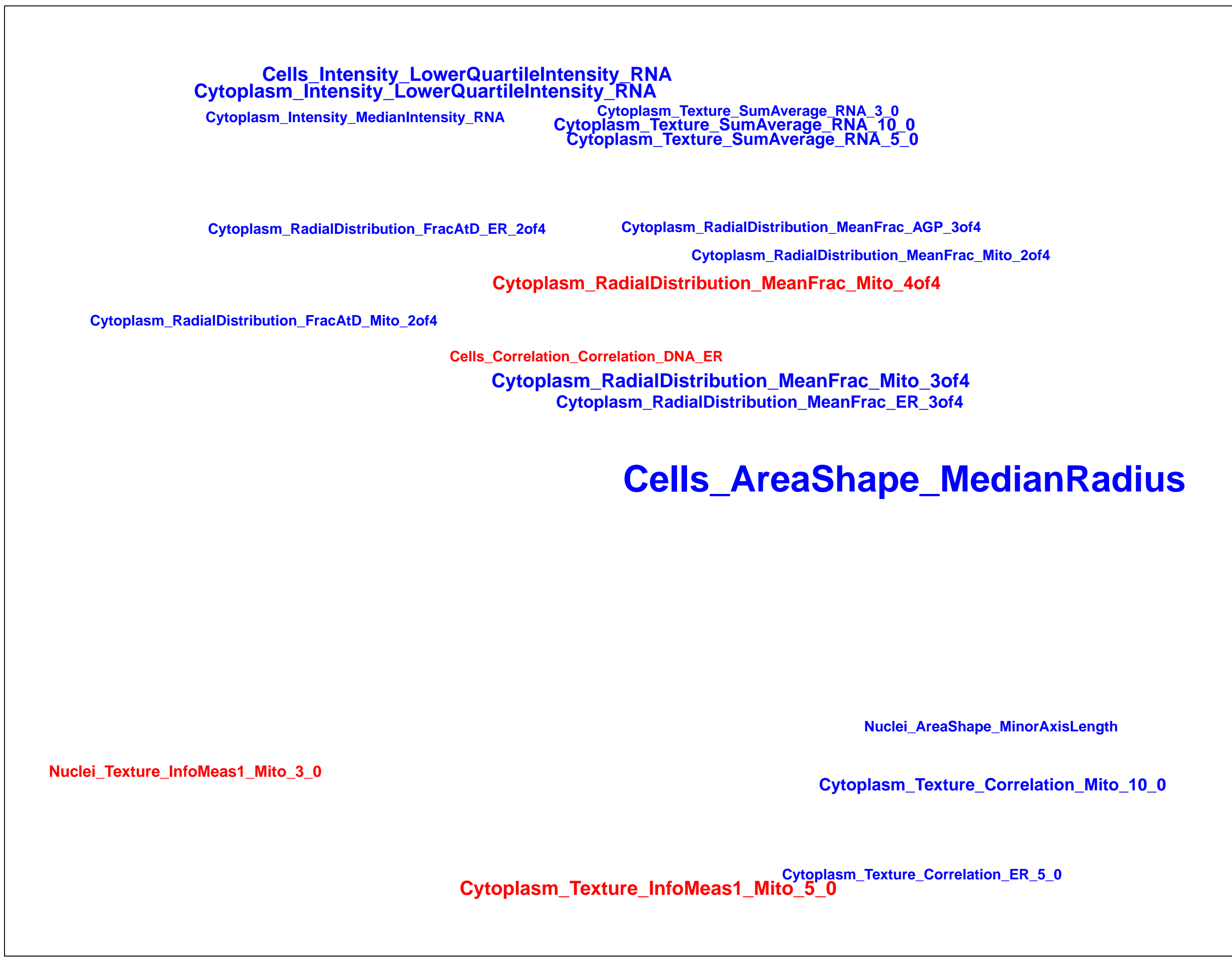
How similar is this gene to the other genes?



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

MOS.WT.1 (41744)

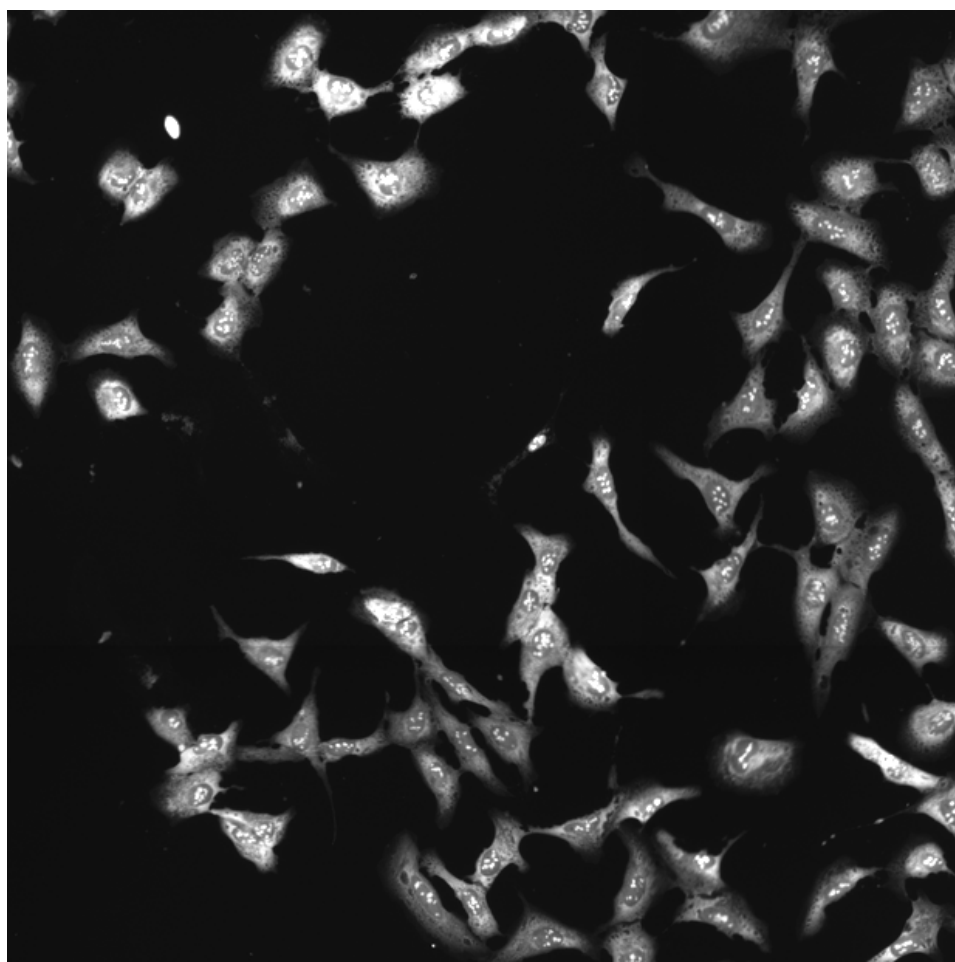
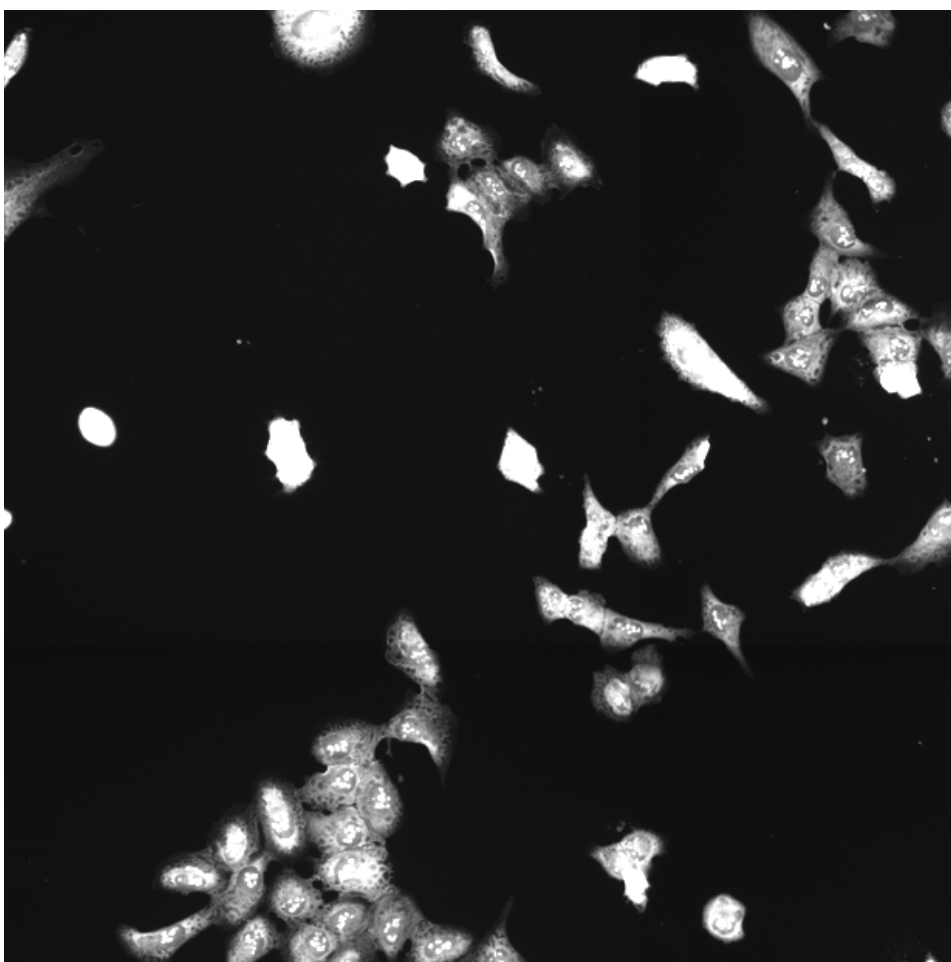
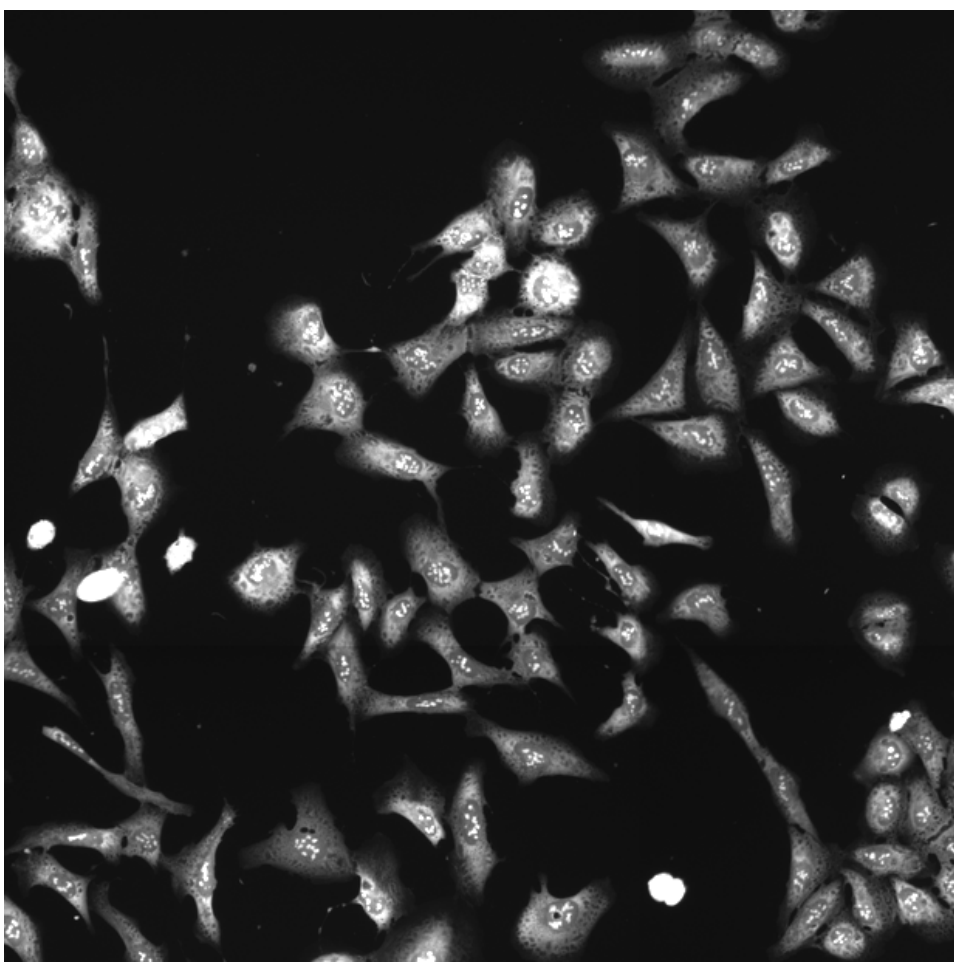
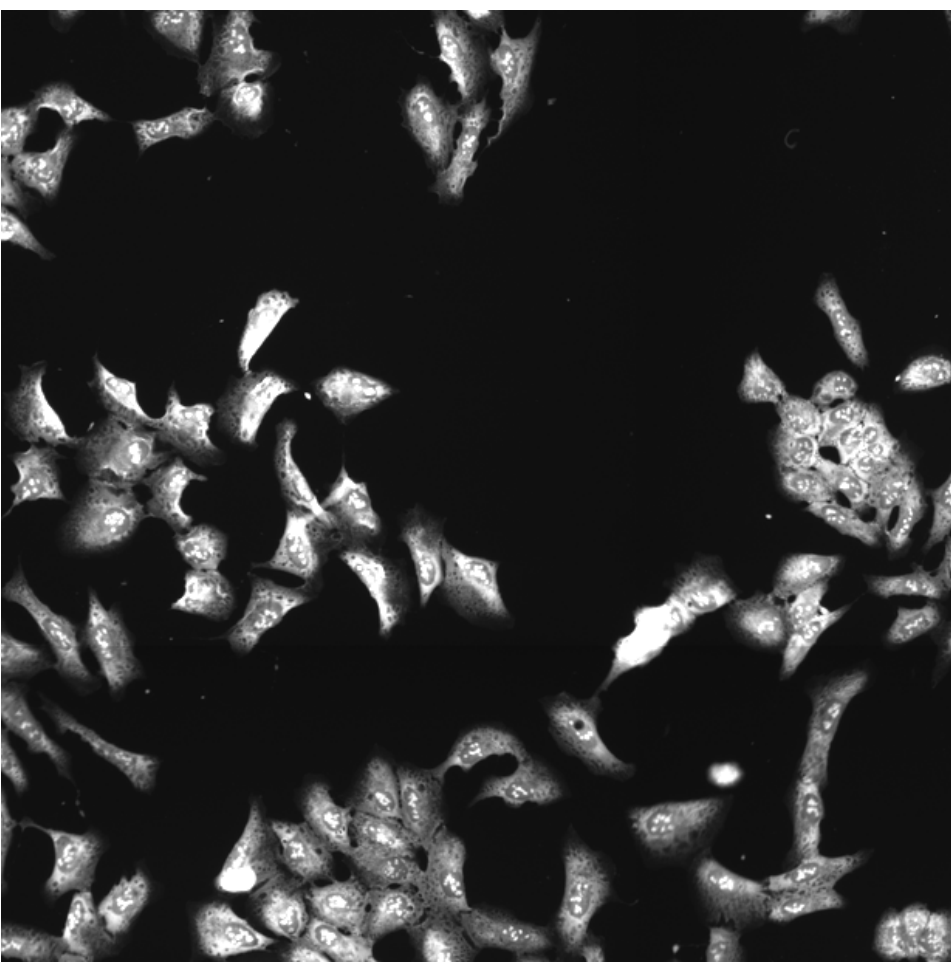
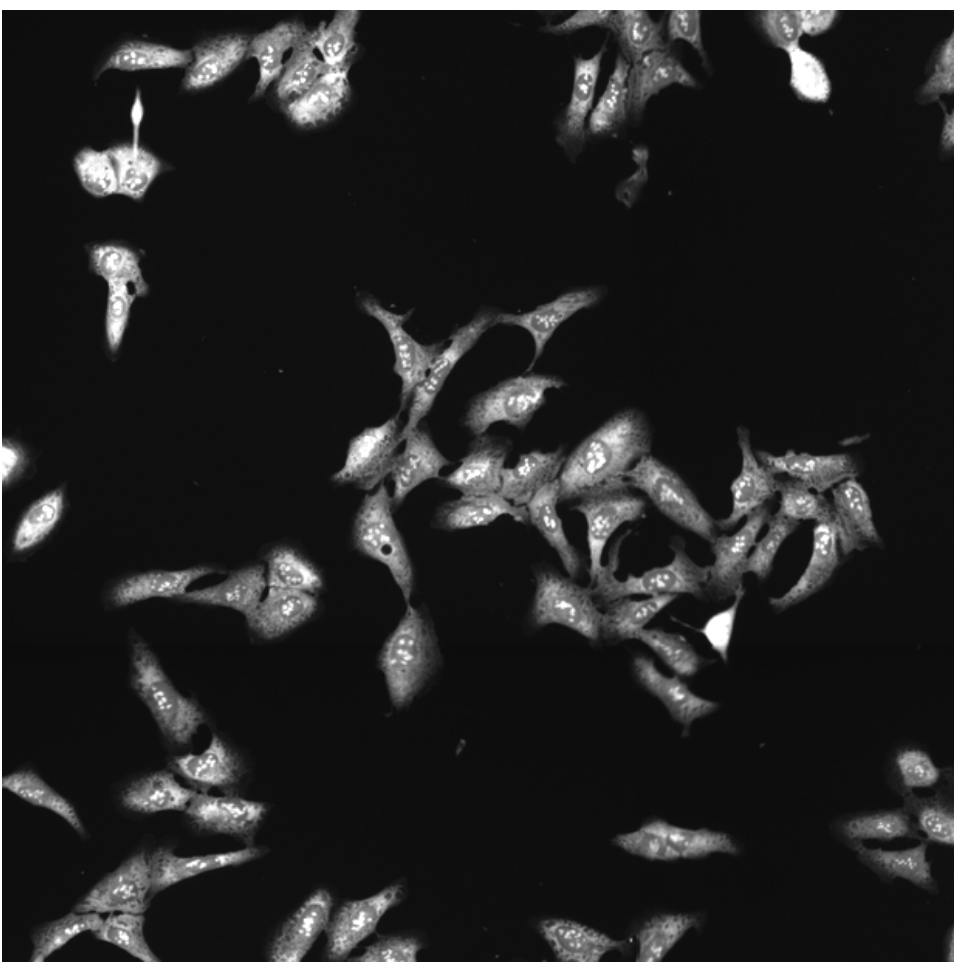
MOS.WT.1 (41755)

MOS.WT.1 (41756)

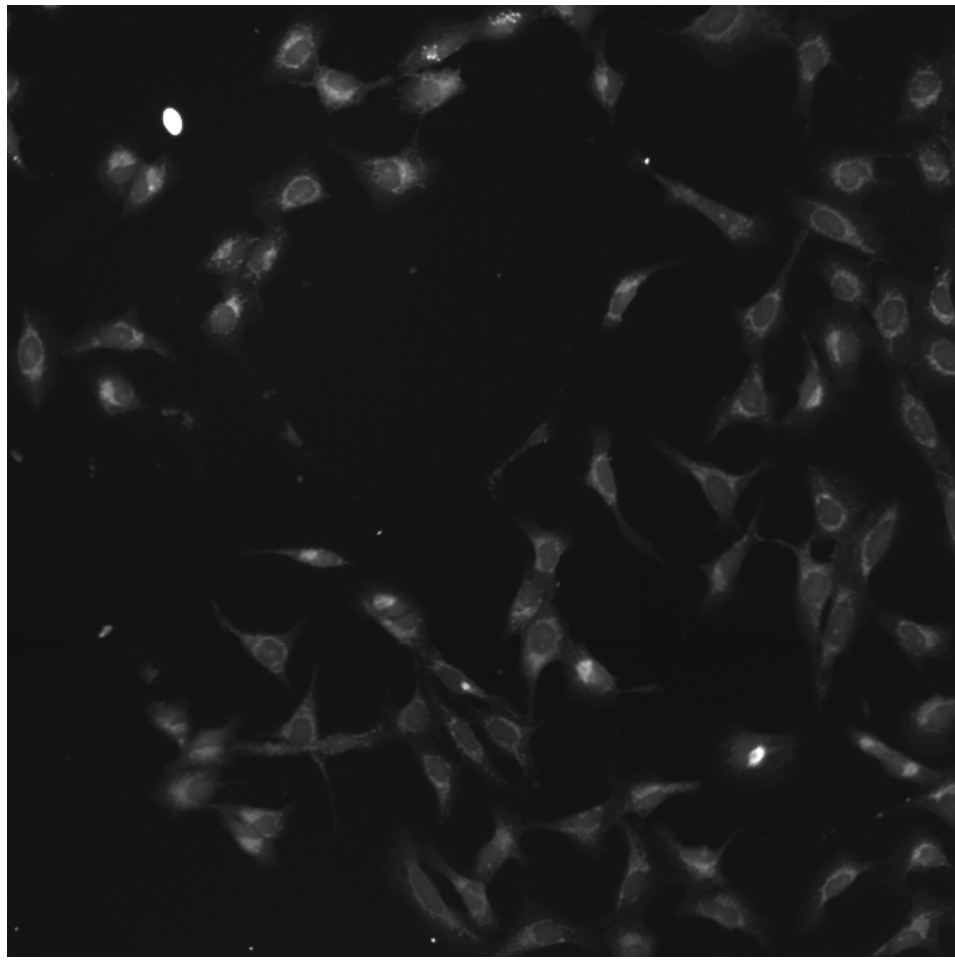
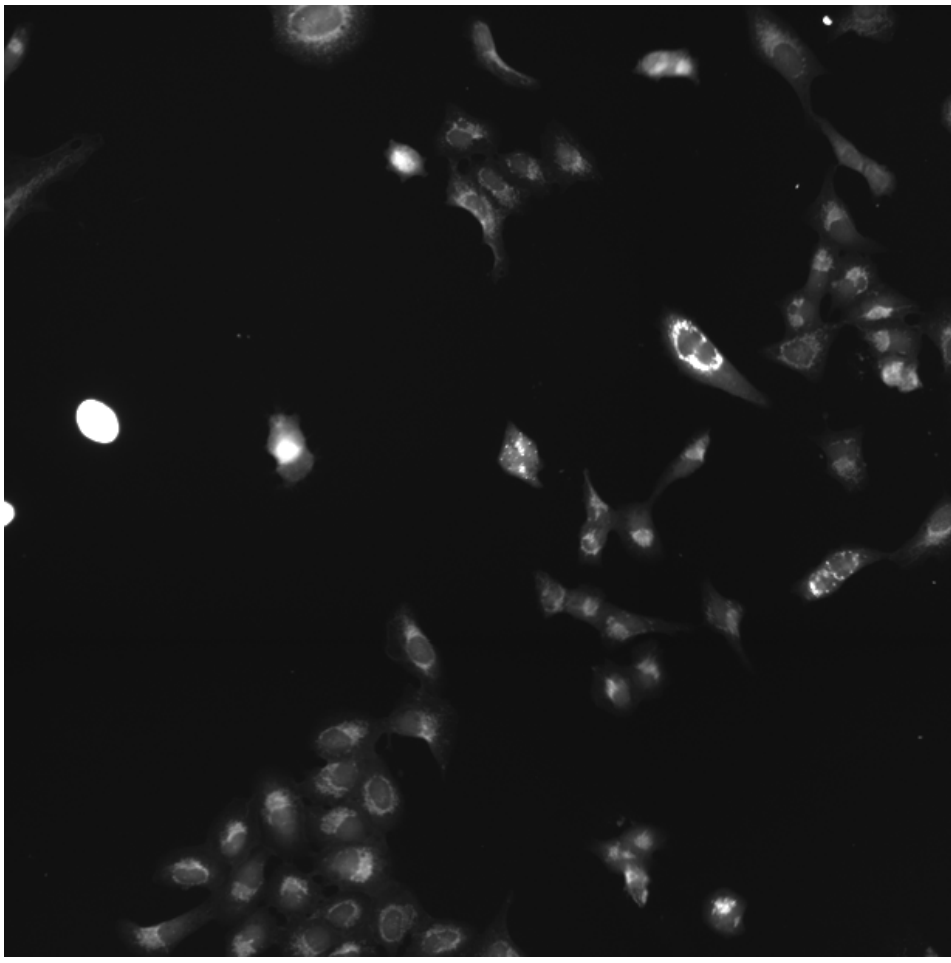
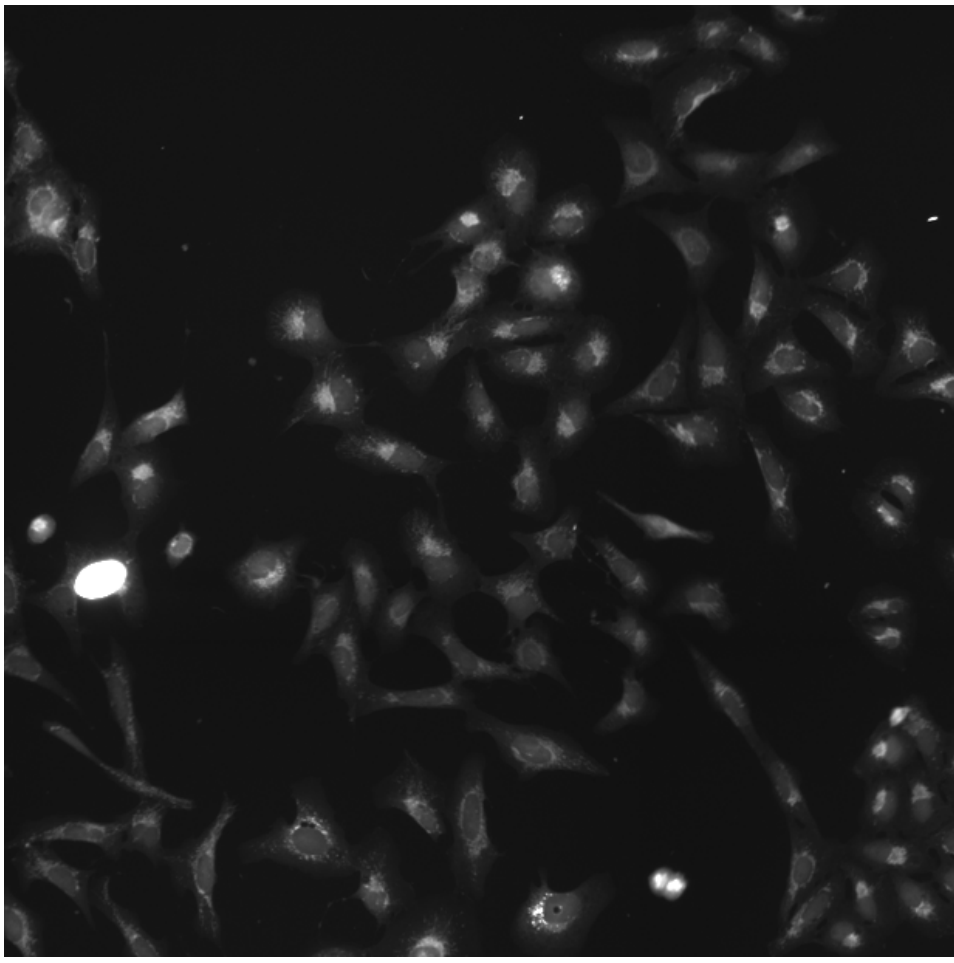
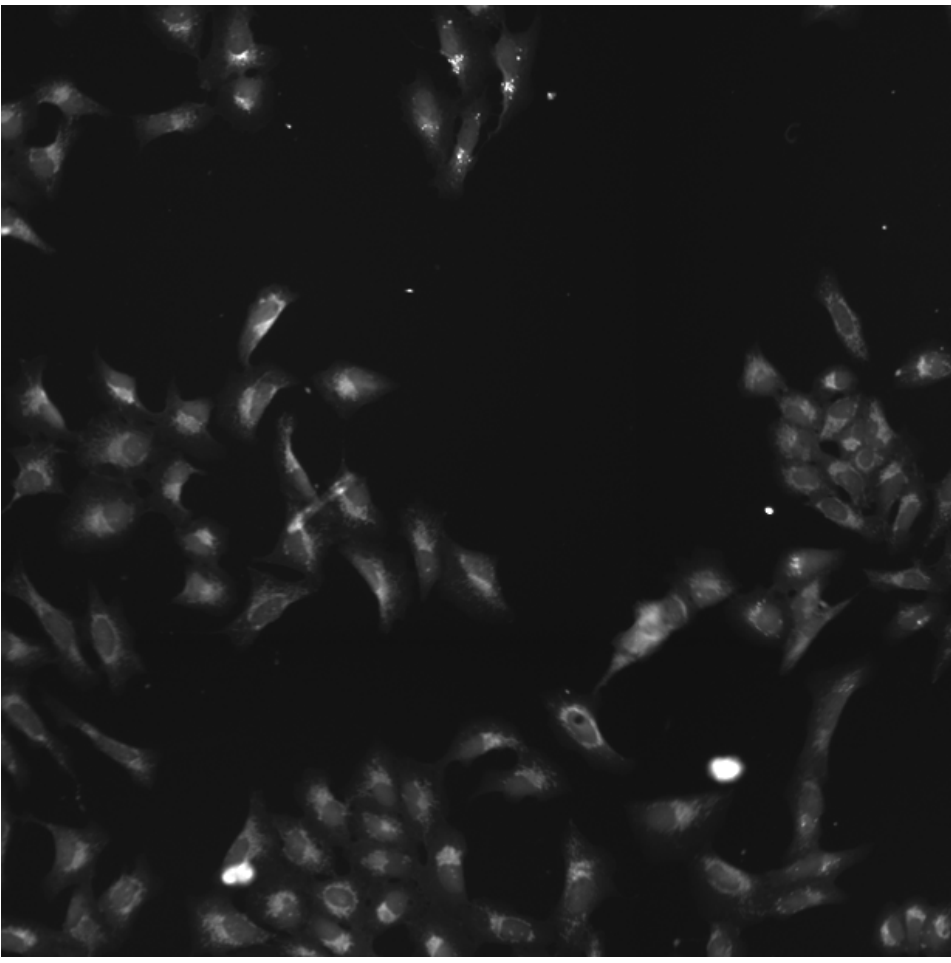
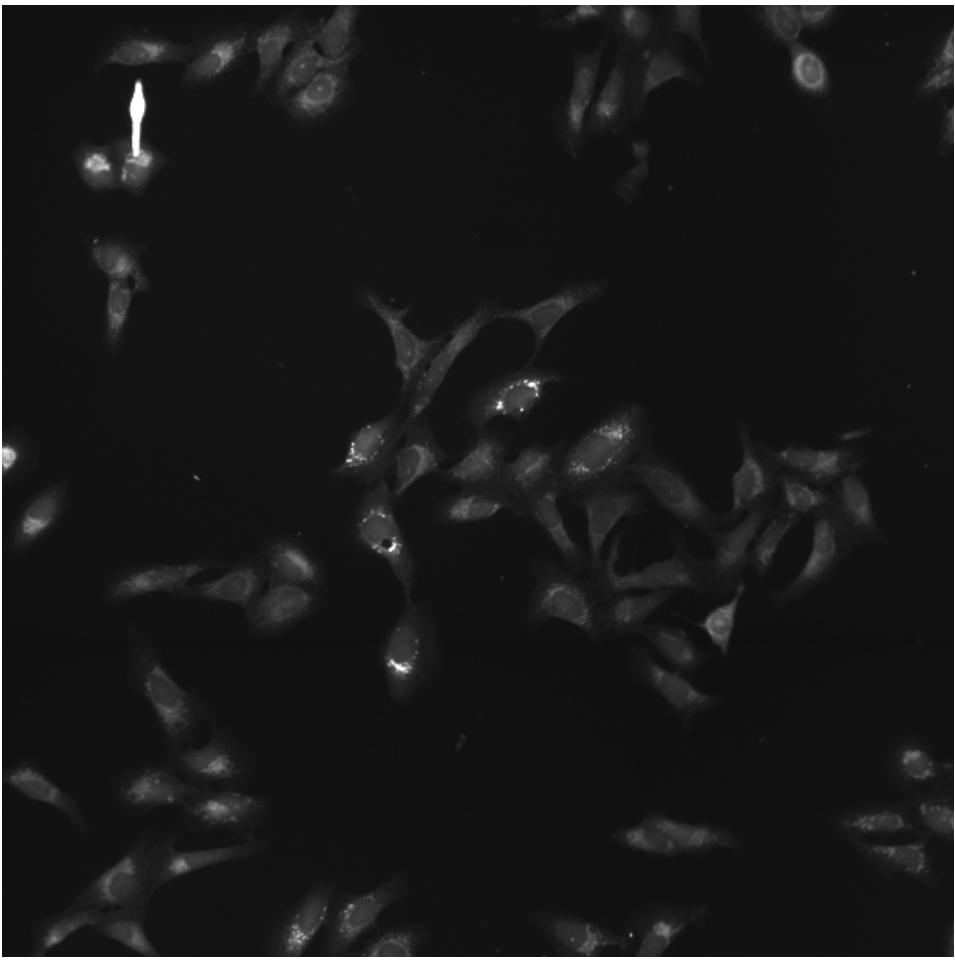
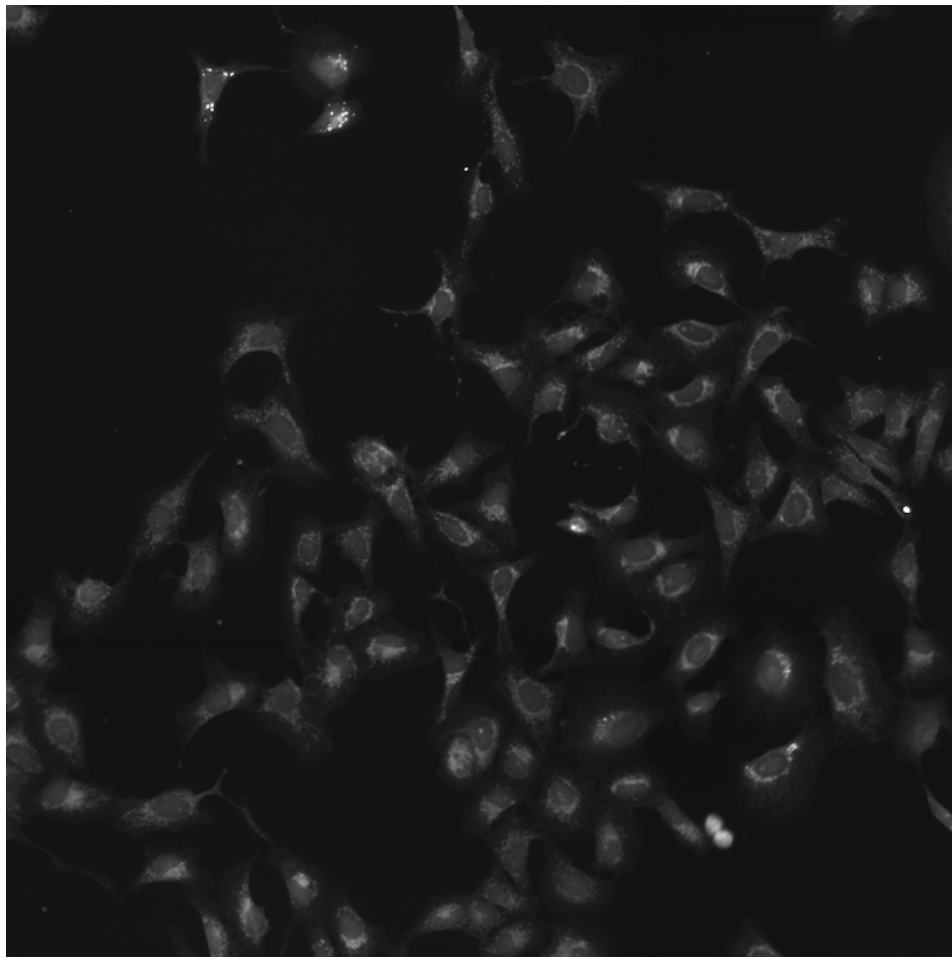
MOS.WT.1 (41757)

MOS.WT.1 (41754)

RNA



Mito



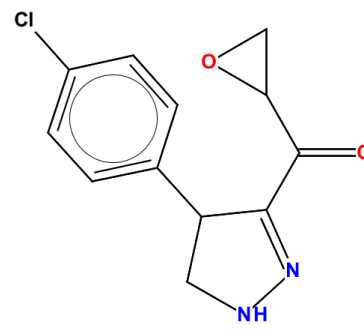
Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.51)	Correlation between compound 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-K62246028-001-05-6 T5321448 AC1M8FFC HMS2744H14 ZINC12484090 SMR000376604 PubChem CID : 2485743		0.85 (in 2 replicates)	0.62	NA				Total number of assays tested in: 554. Active in the following assays: <ul style="list-style-type: none"> <li>Aqueous Solubility from MLSMR Stock Solutions (AID 1996)</li> <li>Counterscreen for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis: Absorbance-based biochemical high throughput Glycero-phosphate Dehydrogenase-Triosephosphate Isomerase (GDH-TPI) full deck assay to identify assay artifacts (AID 588335)</li> </ul>
BRD-K09411557-001-05-1 SMR000013142 MLS000032522 AC1LCH7J BDBM43920 HMS2350P13 ZINC789718 STK044827 BAS 05022382 EU-0081084 PubChem CID : 650152		0.64 (in 4 replicates)	0.52	NA				Total number of assays tested in: 809. Active in the following assays: <ul style="list-style-type: none"> <li>CYP2C9 Assay (AID 777)</li> <li>CYP2C19 Assay (AID 778)</li> <li>Kallikrein 5 1536 HTS (AID 873)</li> <li>qHTS Assay for Inhibitors of HPGD (15-Hydroxyprostaglandin Dehydrogenase) (AID 804)</li> <li>Leishmania major promastigote HTS (AID 1063)</li> <li>Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Primary Screen (AID 1456)</li> <li>Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Secondary Assay 2 with KCC2 cells (AID 1715)</li> <li>Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)</li> <li>A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)</li> <li>Novel Modifiers of Toll-like and RIG-like Receptor Signaling-Poly IC Stimulus (AID 602277)</li> <li>qHTS Assay for Inhibitors of Hepatitis C Virus (HCV) (AID 651820)</li> </ul>
BRD-A11869386-001-05-5 SMR000140339 AC1ME09Y Ambcb5426257 MLS000532901 HMS2484K13 PubChem CID : 2845859		0.51 (in 4 replicates)	0.43	NA				Total number of assays tested in: 674. Active in the following assays: <ul style="list-style-type: none"> <li>qHTS for 14-3-3/Bad interaction inhibitors (AID 781)</li> <li>Leishmania major promastigote HTS (AID 1063)</li> <li>Cytochrome panel assay with activity outcomes (AID 1851)</li> <li>qHTS of D3 Dopamine Receptor Antagonist: qHTS (AID 652054)</li> </ul>
BRD-K75580081-001-01-6 PubChem CID : 44492053		0.91 (in 3 replicates)	-0.57	0.357				Total number of assays tested in: 33.
BRD-K95323941-001-01-7 PubChem CID : 44485081		0.92 (in 3 replicates)	-0.57	0.063				Total number of assays tested in: 34.
BRD-K61900762-001-01-8 PubChem CID : 44485049		0.91 (in 3 replicates)	-0.53	0.357				Total number of assays tested in: 49.
BRD-K03254663-001-01-1 PubChem CID : 54634004		0.55 (in 3 replicates)	-0.51	0.343				Total number of assays tested in: 36.



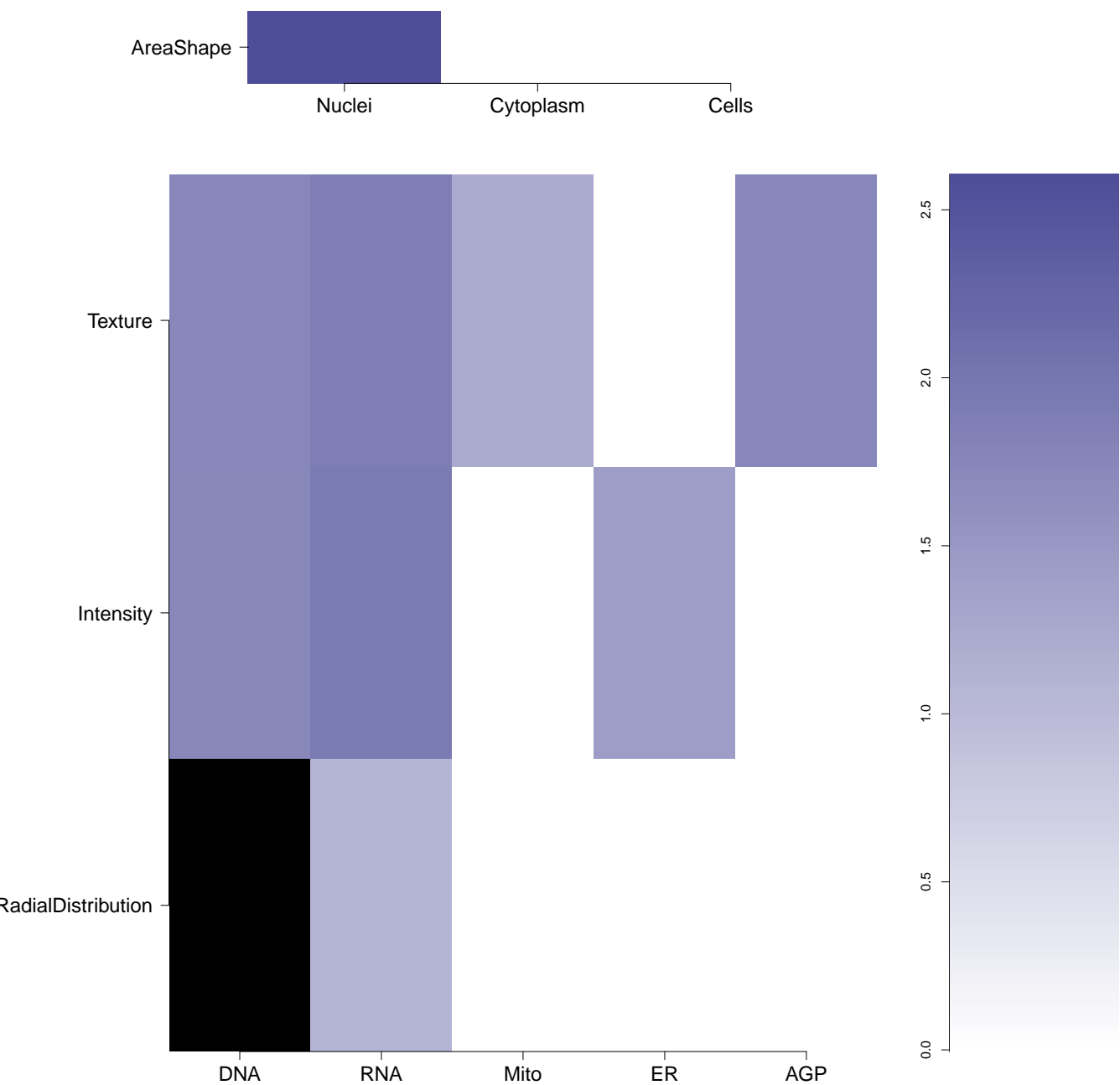
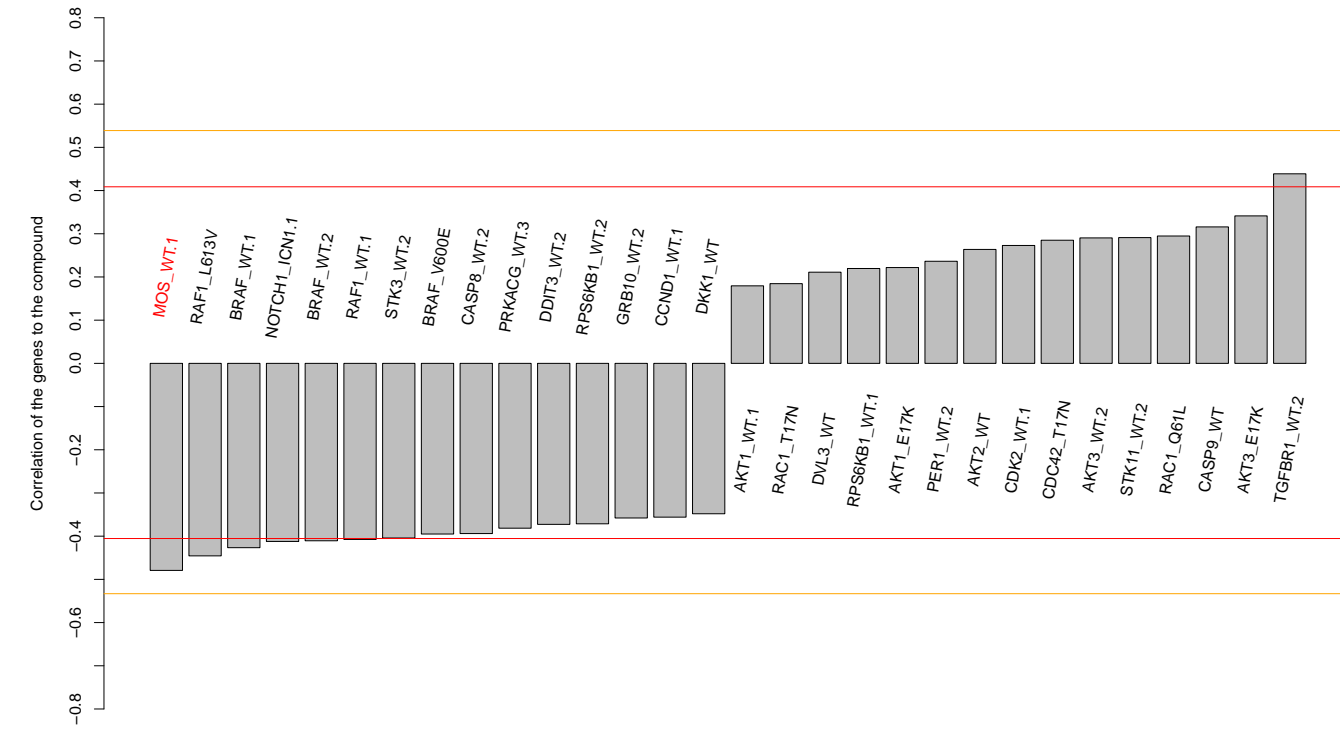
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AC1NE7YD  
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HMS2613F19  
STL328829  
SMR000221773  
PubChem CID : 4638016



NA (in 1 replicates)

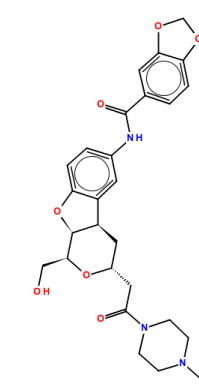
-0.48

NA



- Total number of assays tested in: 562. Active in the following assays:
- High Throughput Screen to Identify Compounds that Suppress the Growth of Human Colon Tumor Cells Lacking Oncogenic Beta Catenin Expression (AID 818)
  - High Throughput Screen to Identify Compounds that Suppress the Growth of Cells with a Deletion of the PTEN Tumor Suppressor (AID 827)
  - HTS to identify inhibitors of zVAD Induced Cell Death in L929 Cells. (AID 1377)
  - nHTS luminescence assay for the identification of compounds that inhibit NOD1 (AID 1578)
  - HTS to identify inhibitors of TNF-alpha Induced Cell Death in Jurkat FADD-/- Cells. (AID 463075)
  - HTS to identify inhibitors of Caspase inhibitor (zVAD) Induced Cell Death in L929 Cells: Confirmation Assays (AID 463117)
  - Identify inhibitors of TNF-alpha Induced Cell Death in Jurkat FADD-/- Cells: Confirmation Assay (AID 463178)
  - Identify inhibitors of Caspase inhibitor (zVAD) Induced Cell Death in L929 Cells: Concentration-response Confirmation Assays (AID 463181)
  - qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDPI): qHTS in cells in presence of CPT (AID 686979)
  - qHTS for Inhibitors of Inflammation Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279)

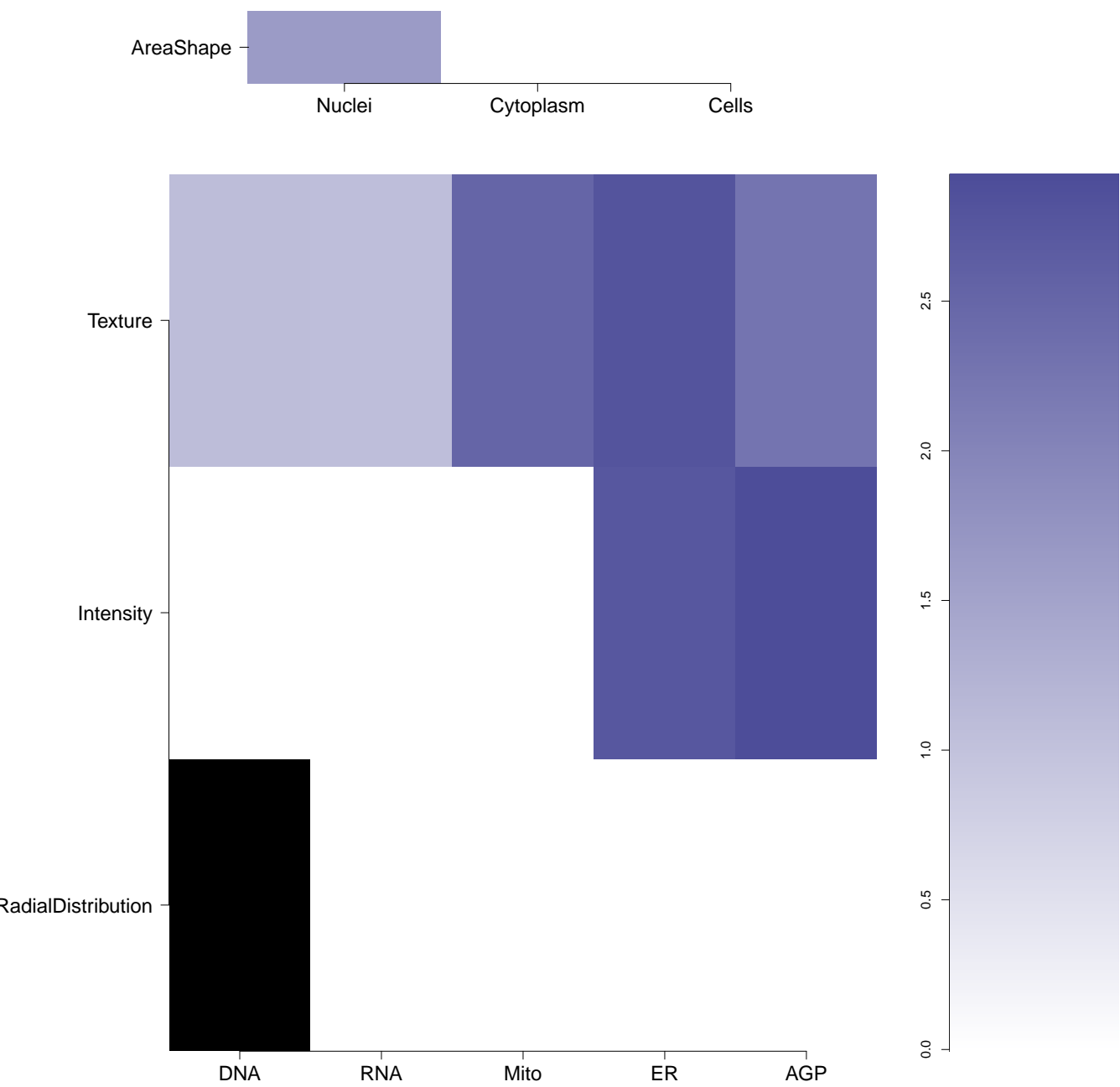
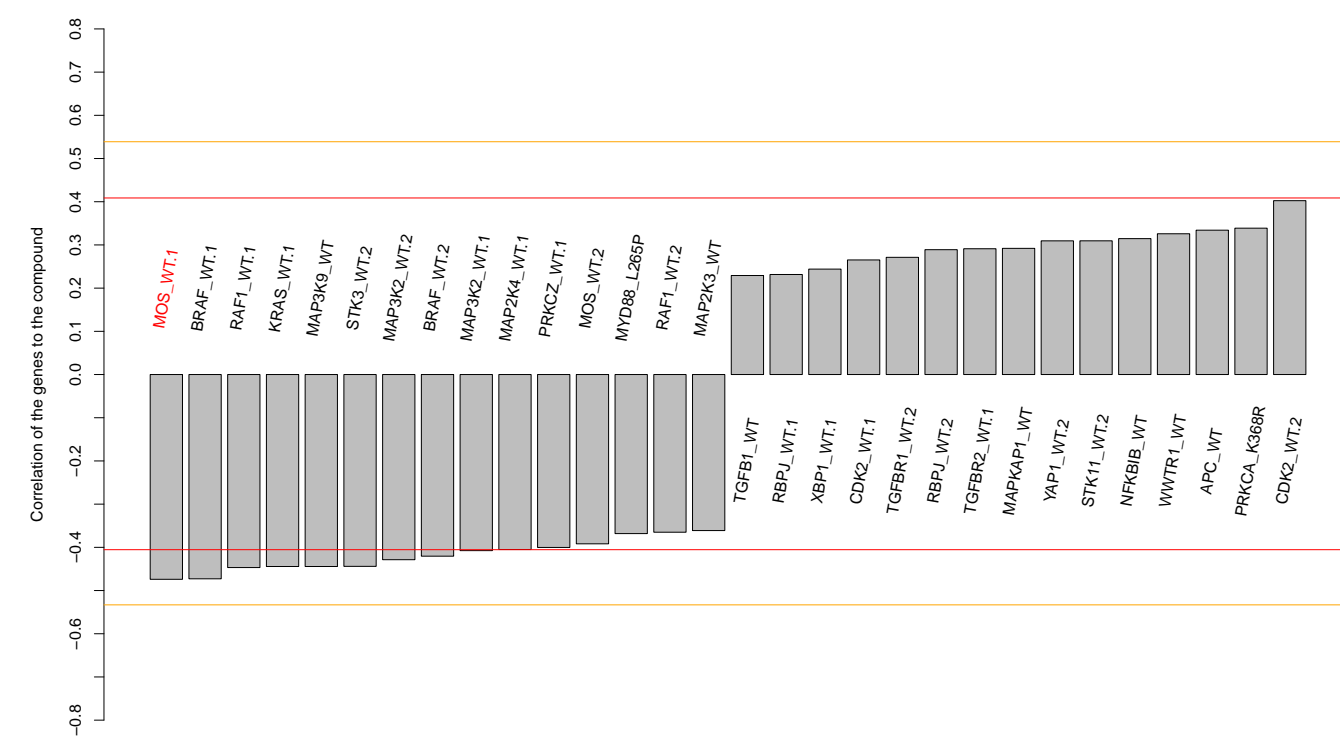
BRD-K85242441-001-01-6  
PubChem CID : 54646529



0.65 (in 4 replicates)

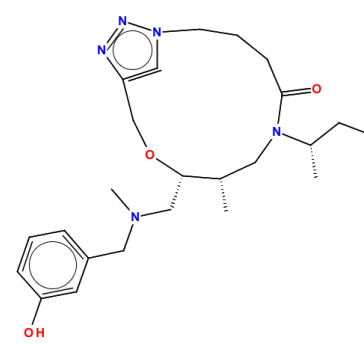
-0.47

0.986



Total number of assays tested in: 36.

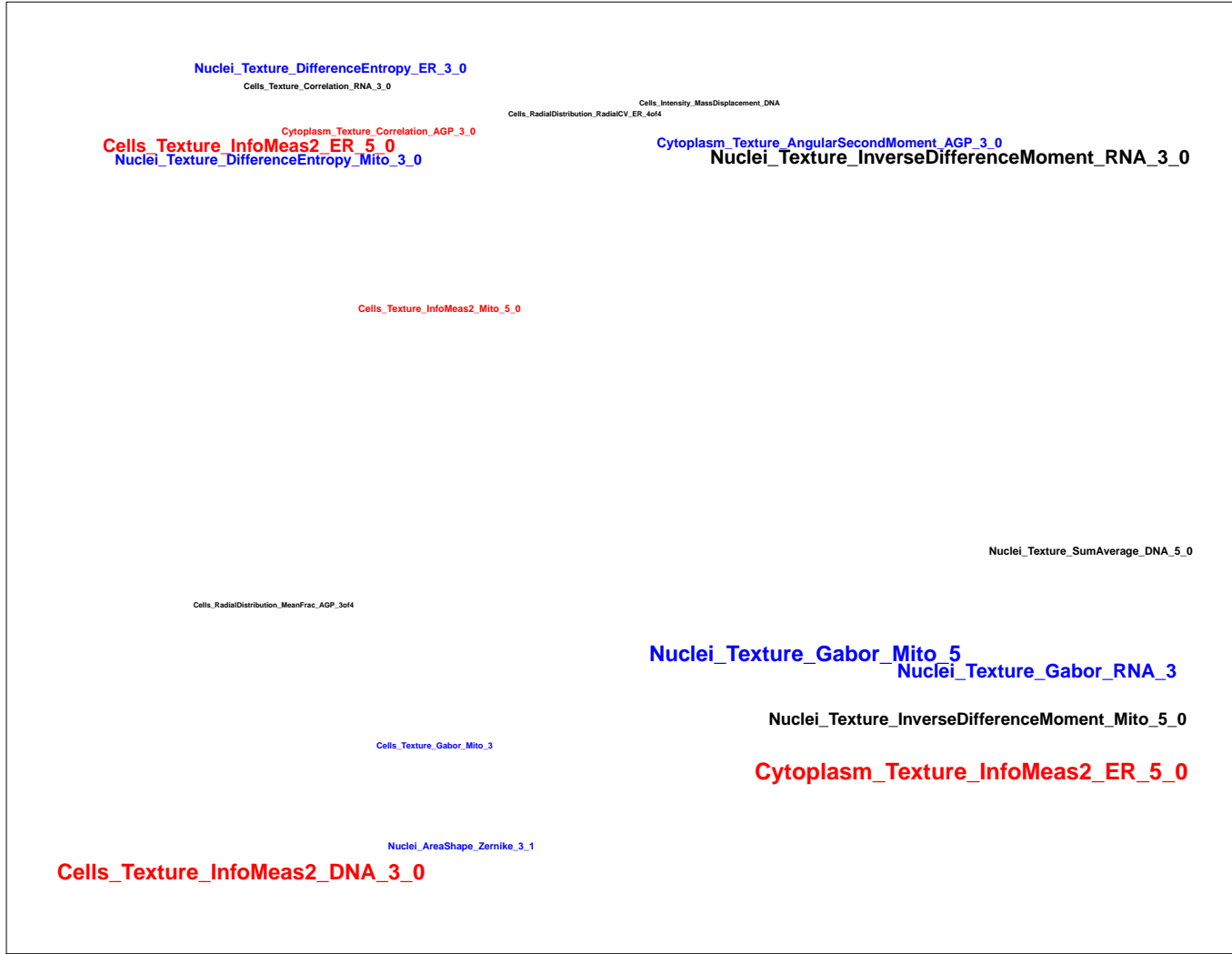
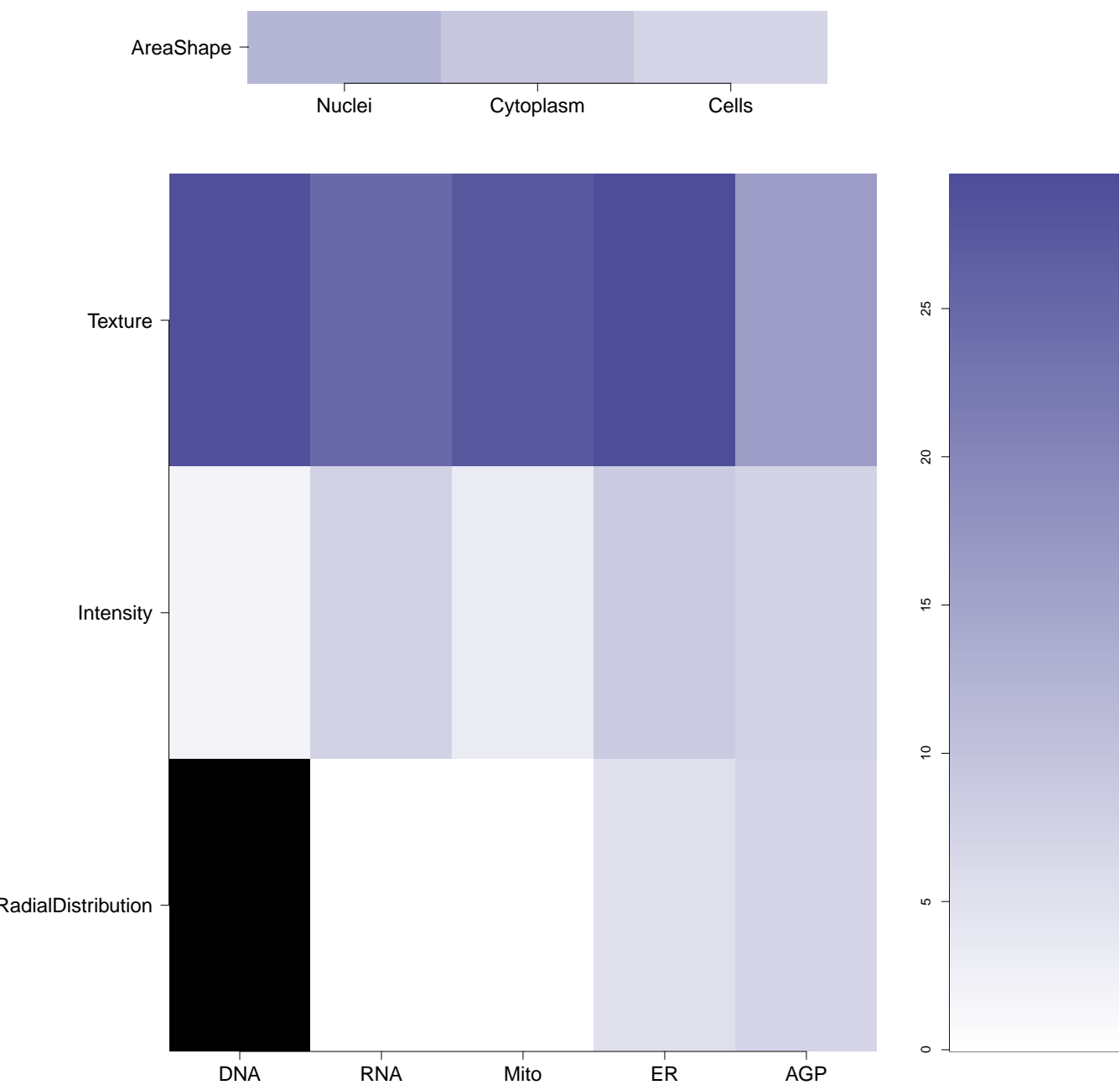
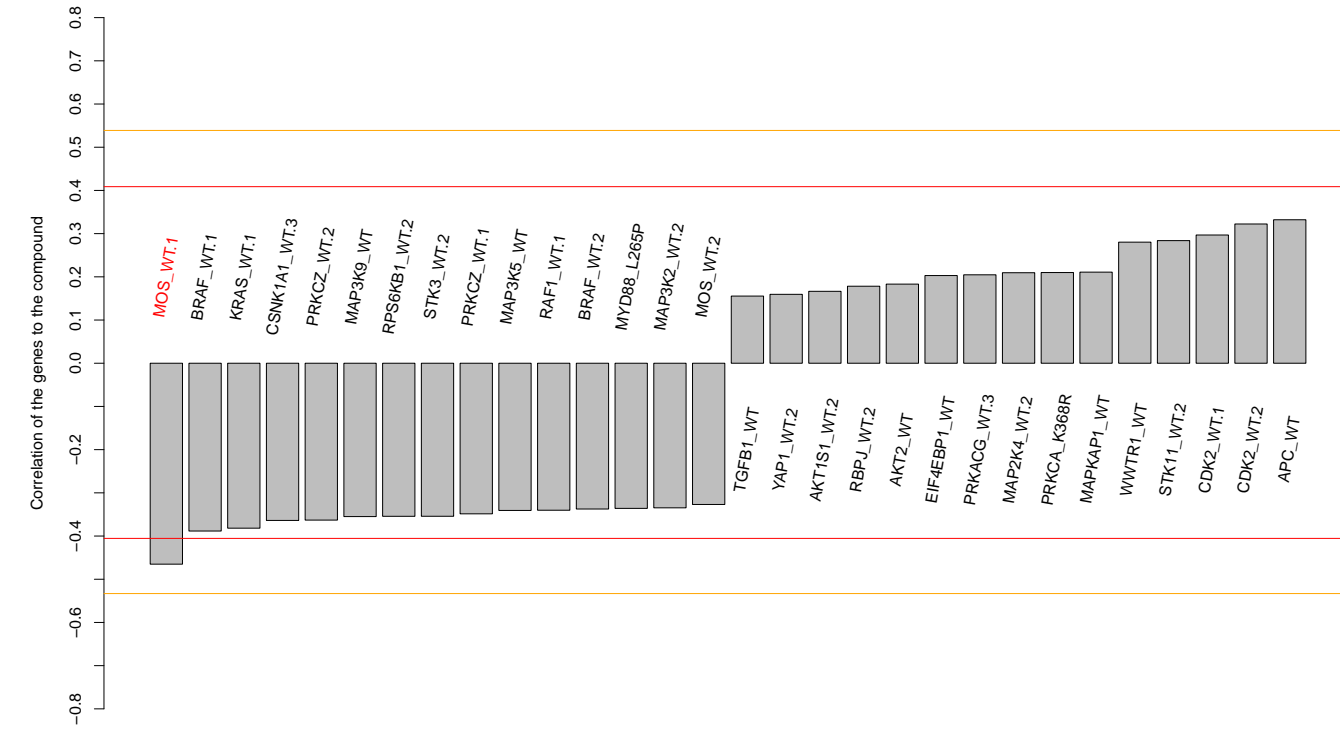
BRD-K01795516-001-01-4  
PubChem CID : 44505039



0.56 (in 3 replicates)

-0.47

0.685



Total number of assays tested in: 42.