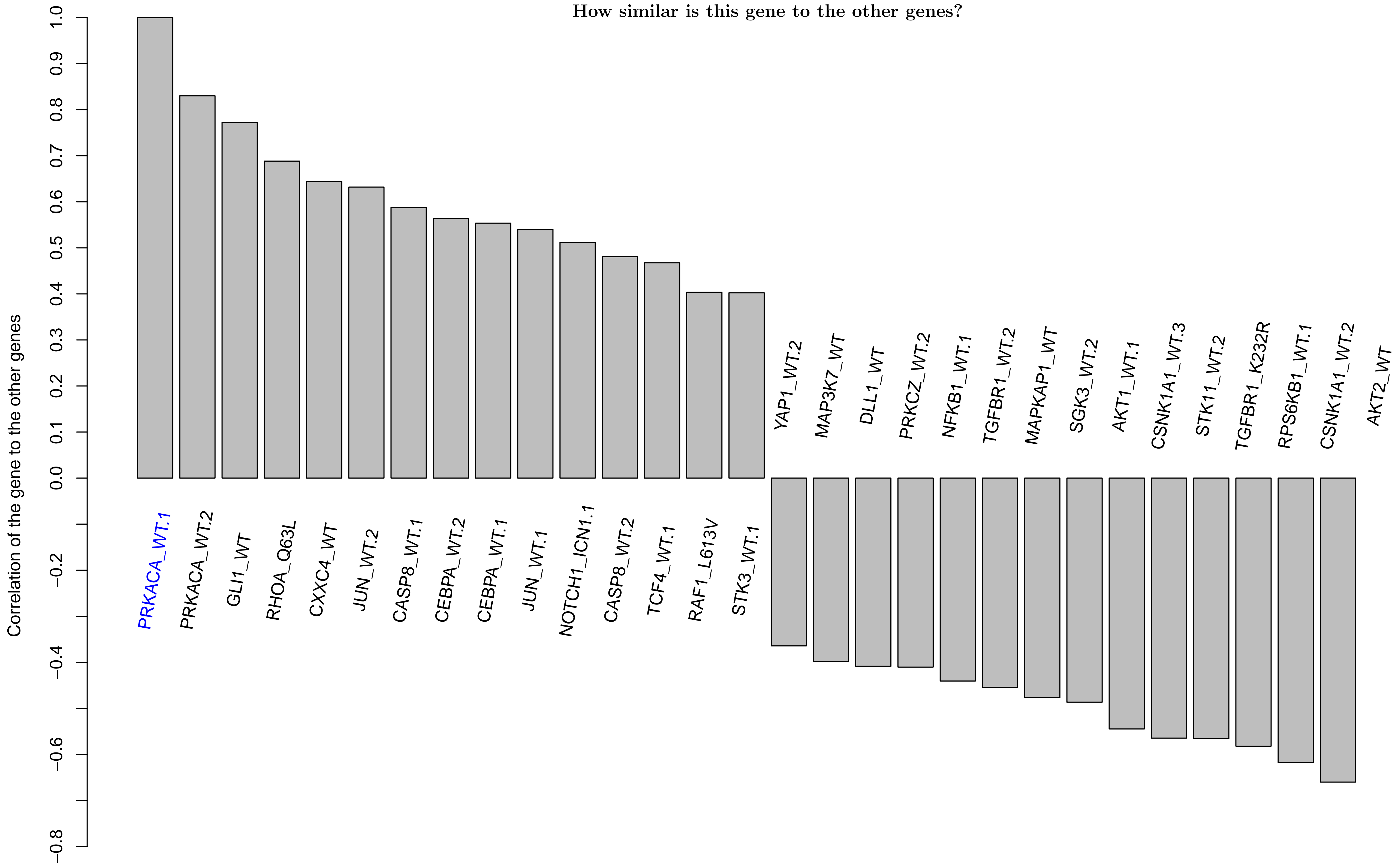
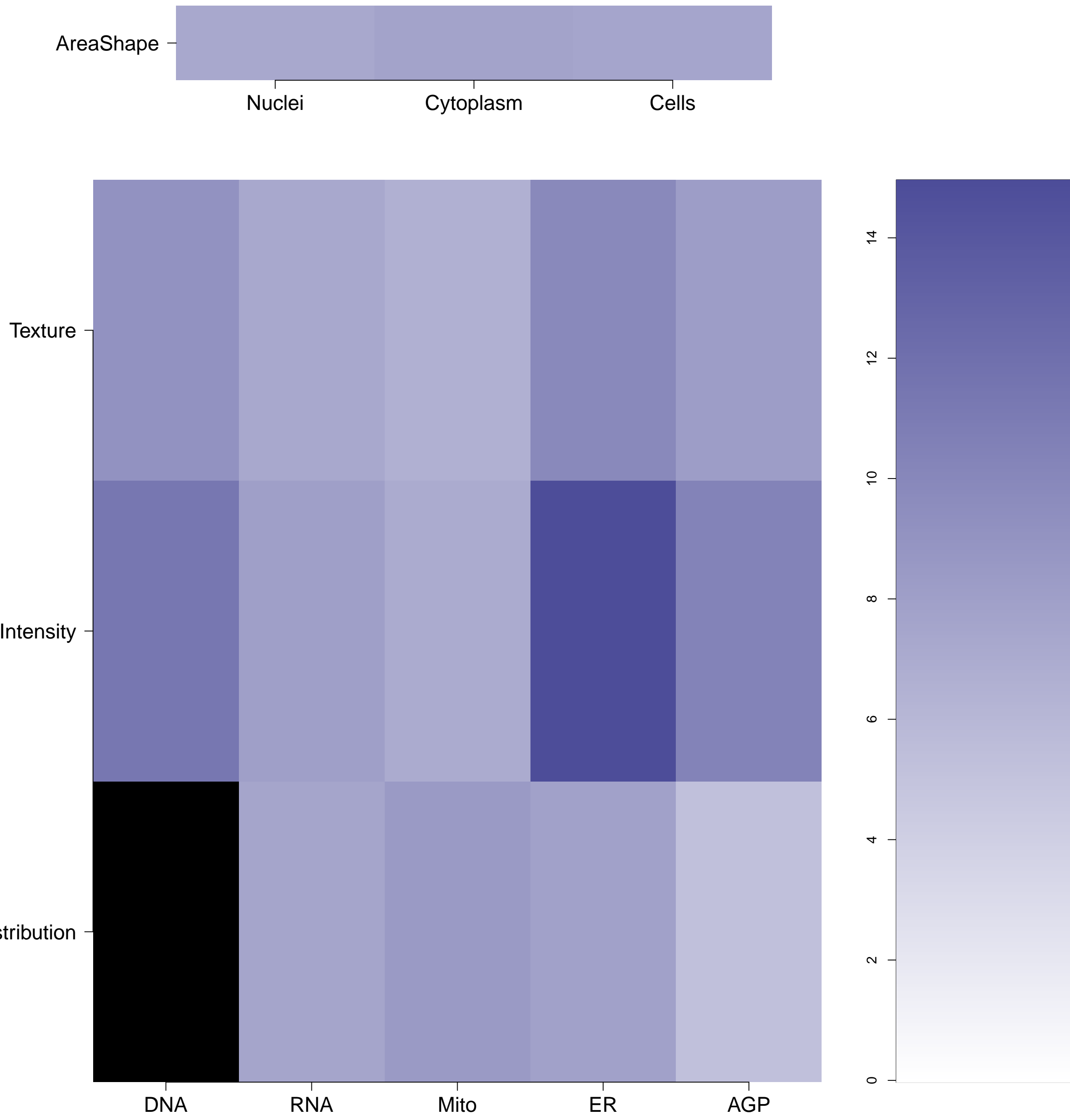


PRKACA.WT.1 - in Canonical PKA

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

PRKACA.WT.1 (41744)

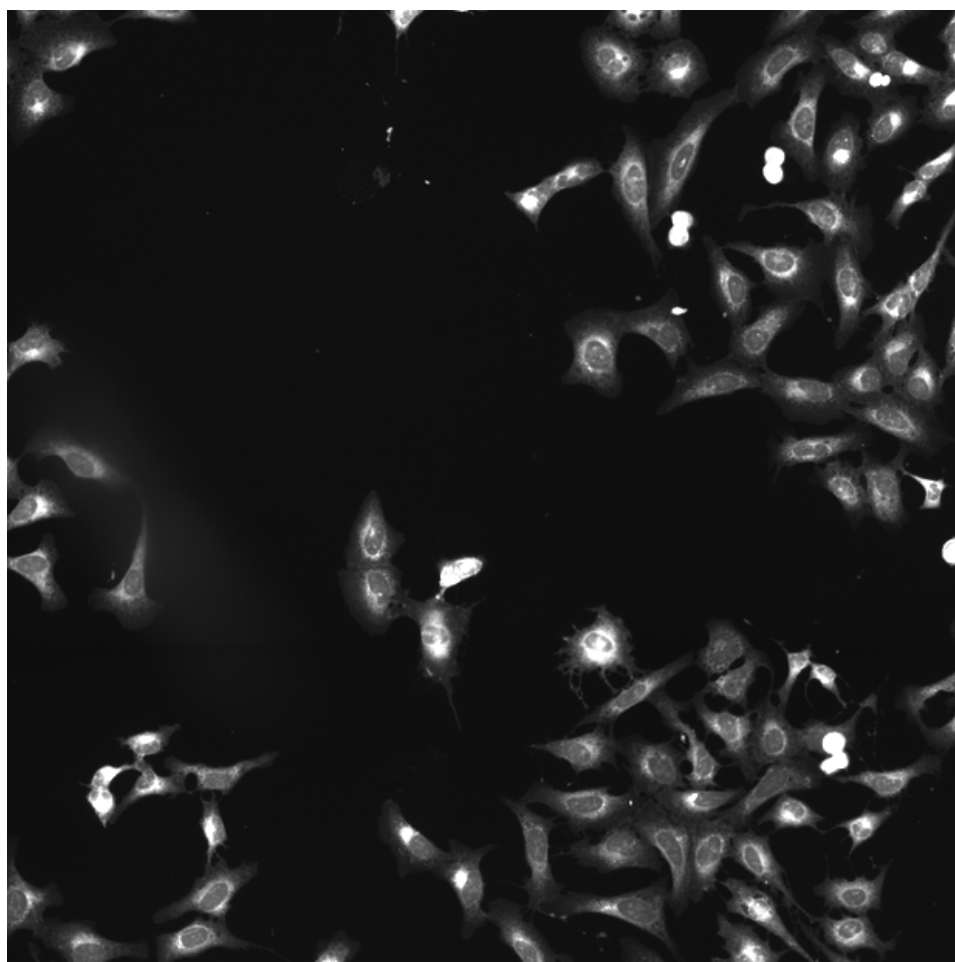
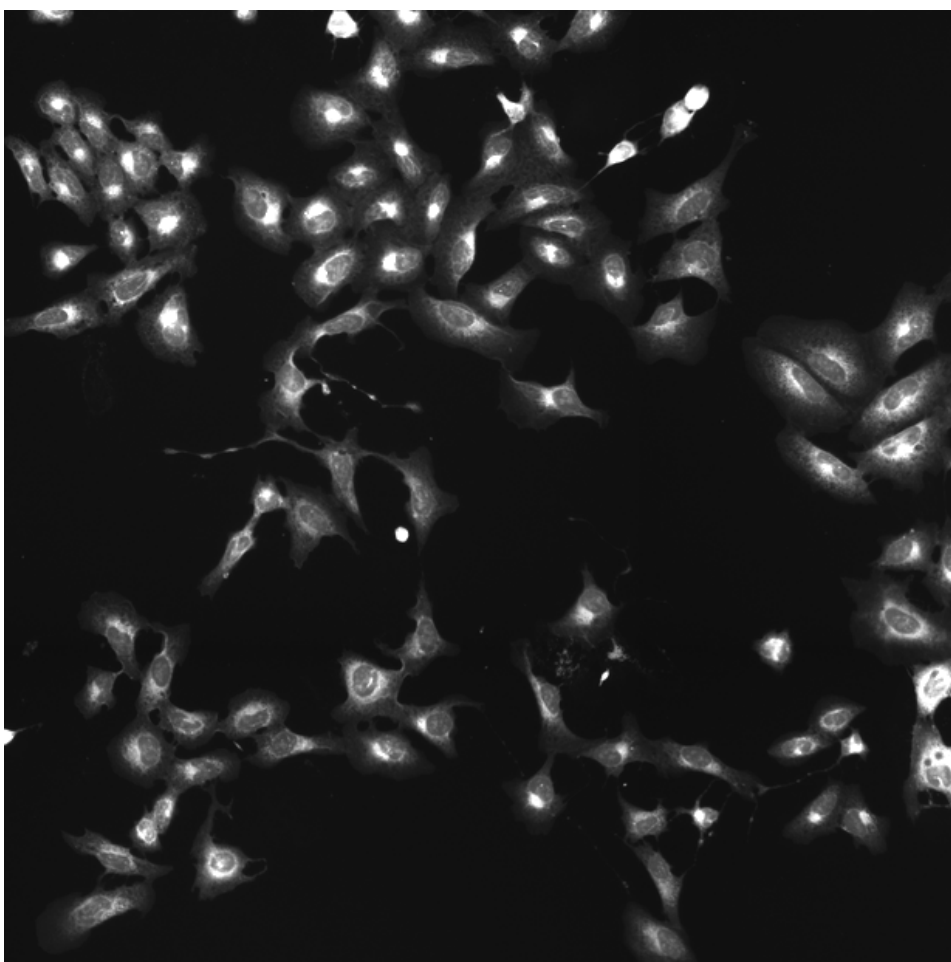
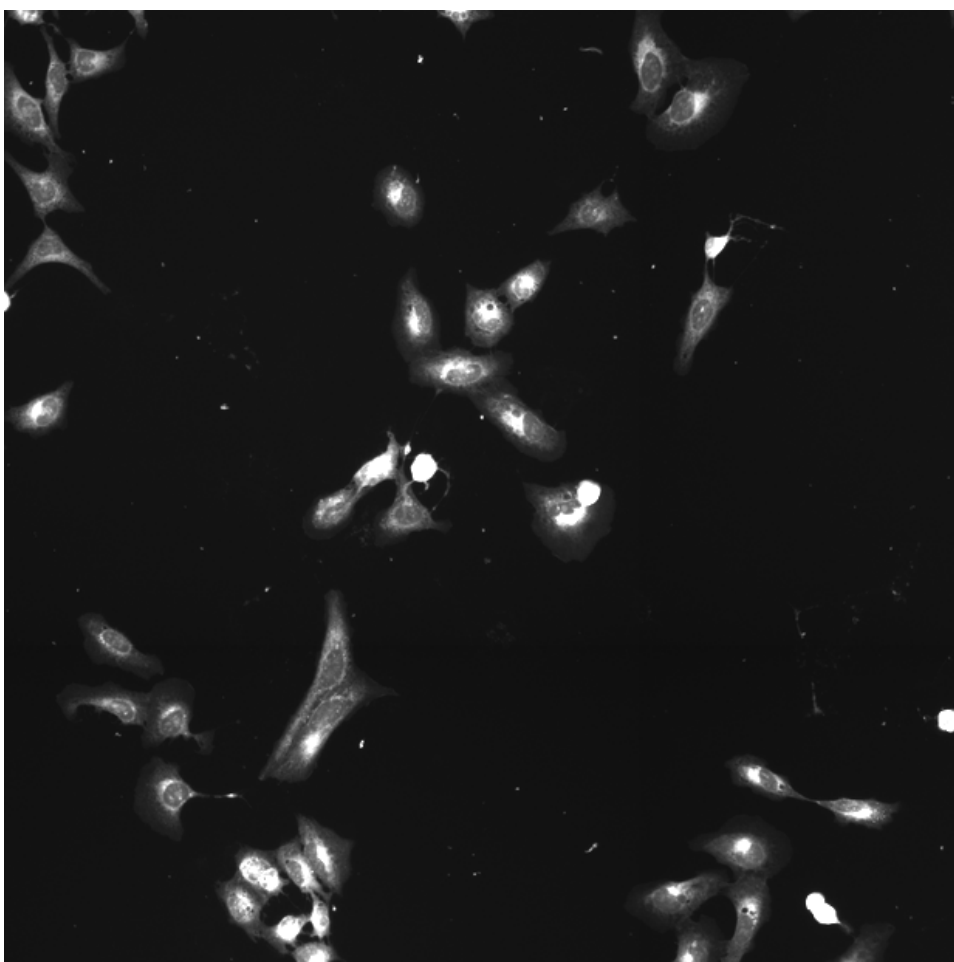
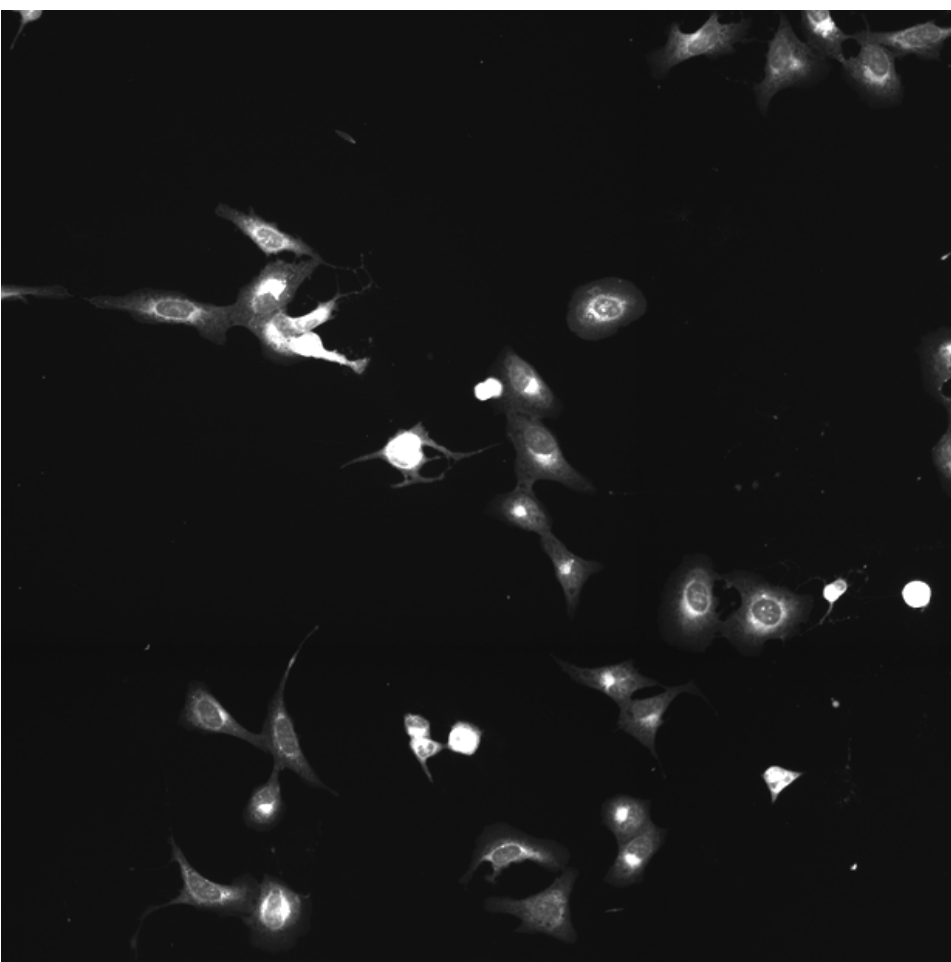
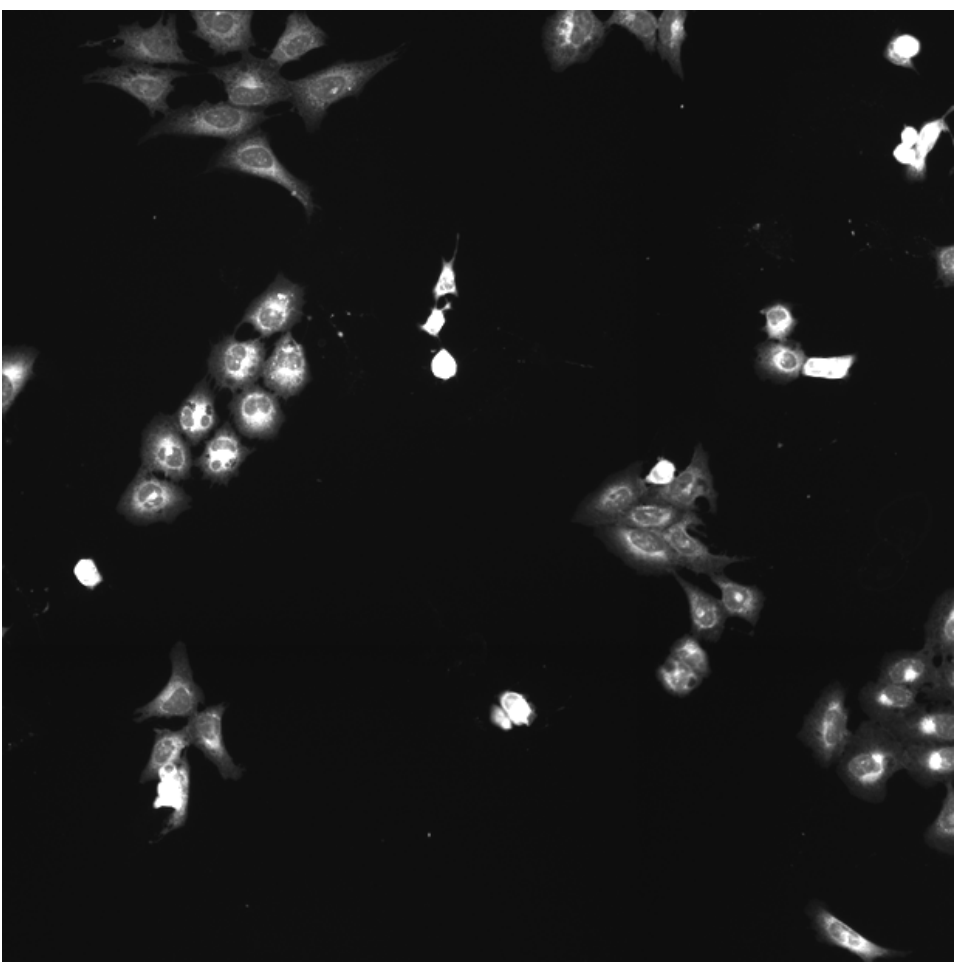
PRKACA.WT.1 (41755)

PRKACA.WT.1 (41756)

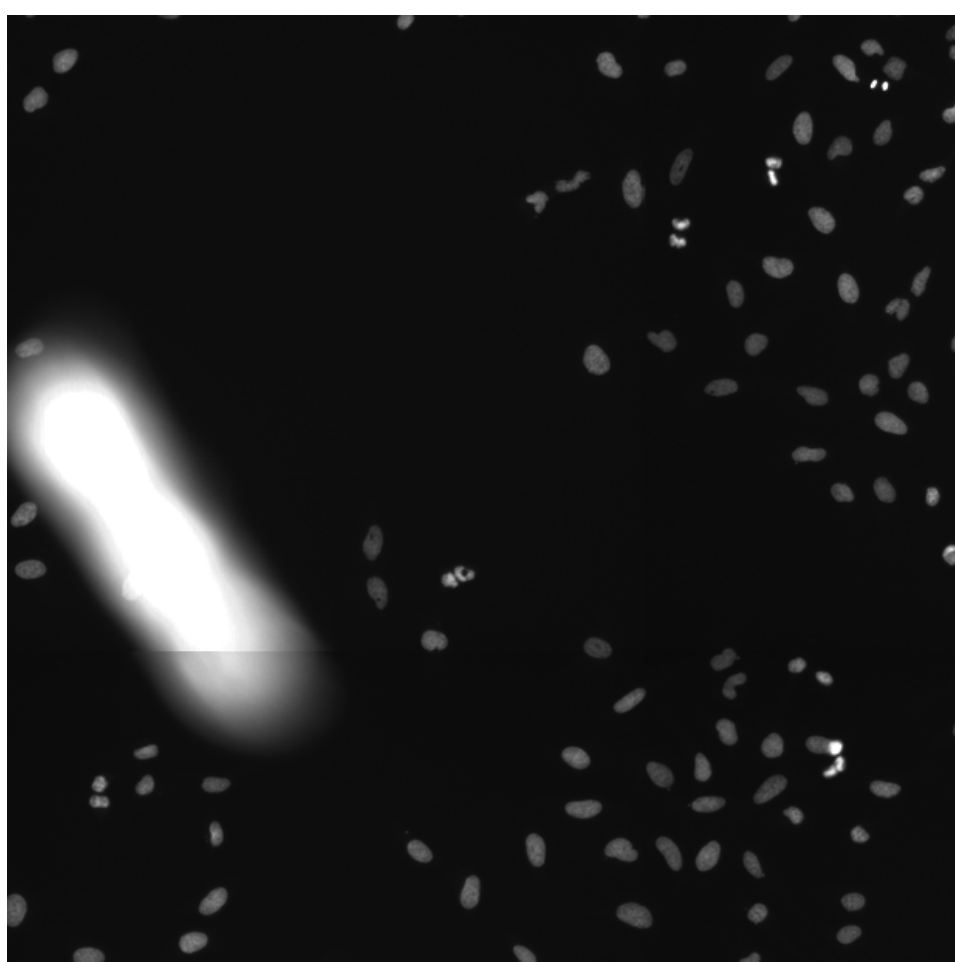
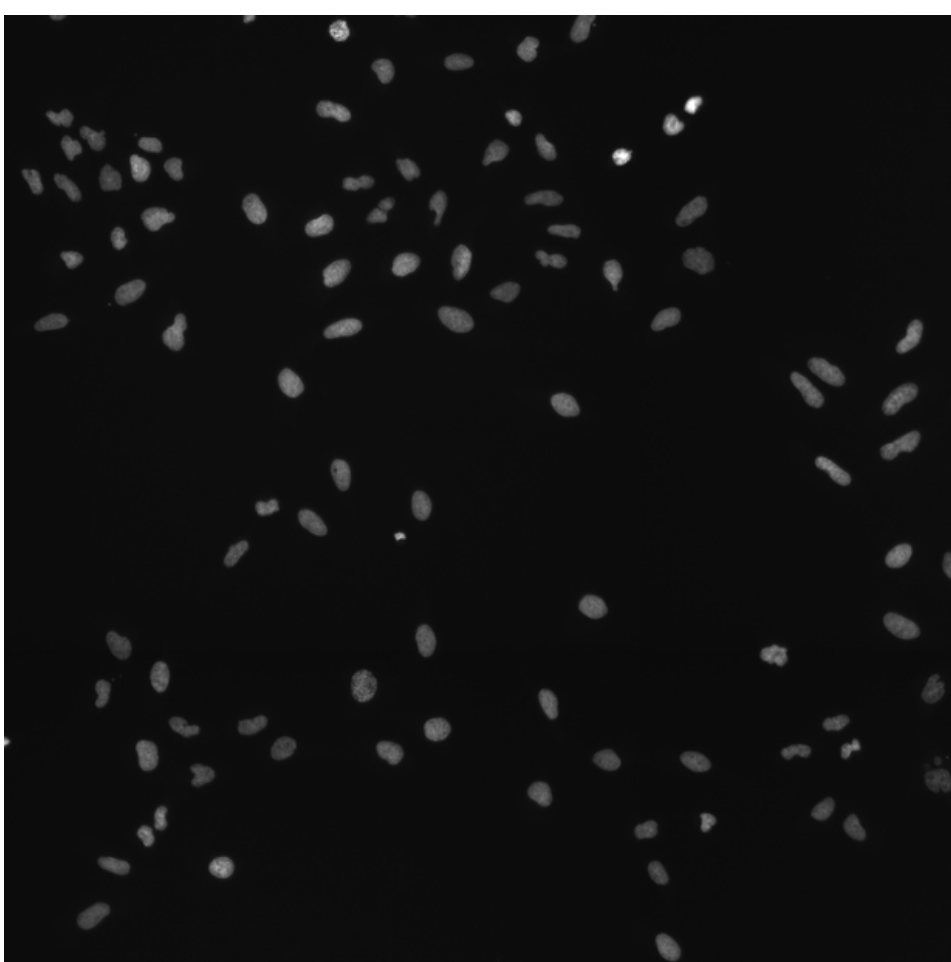
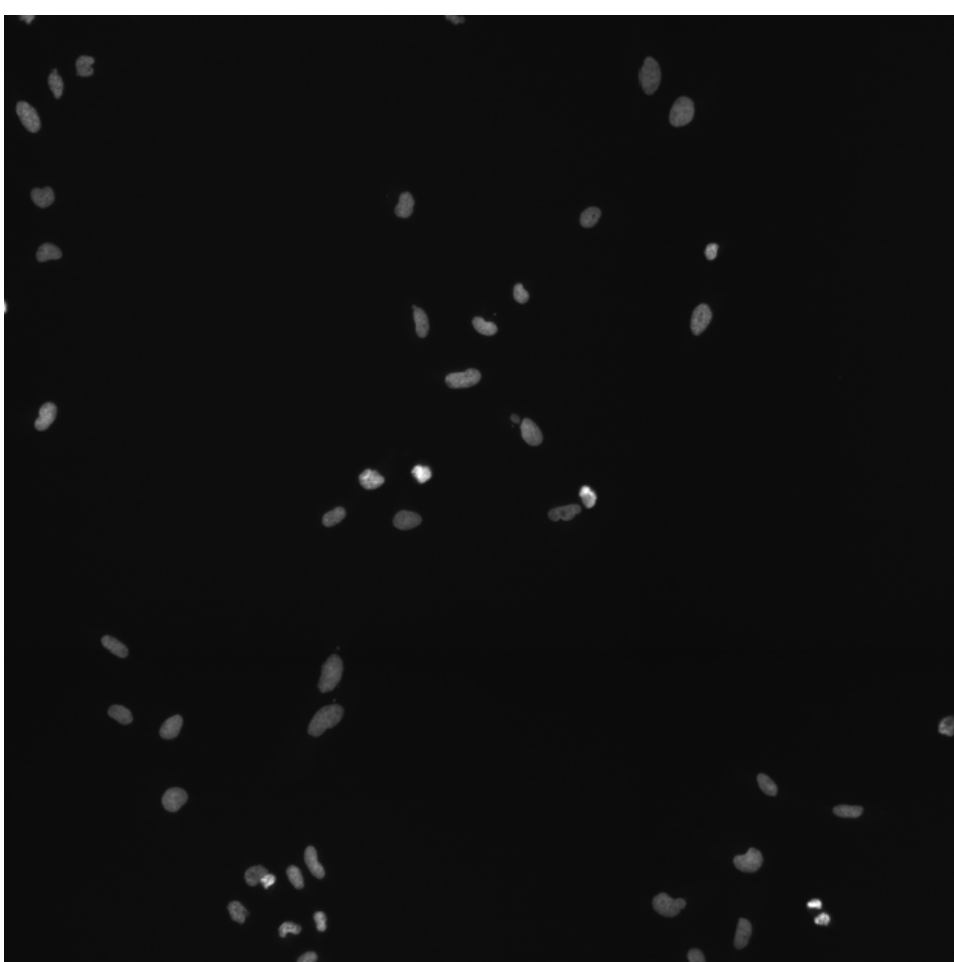
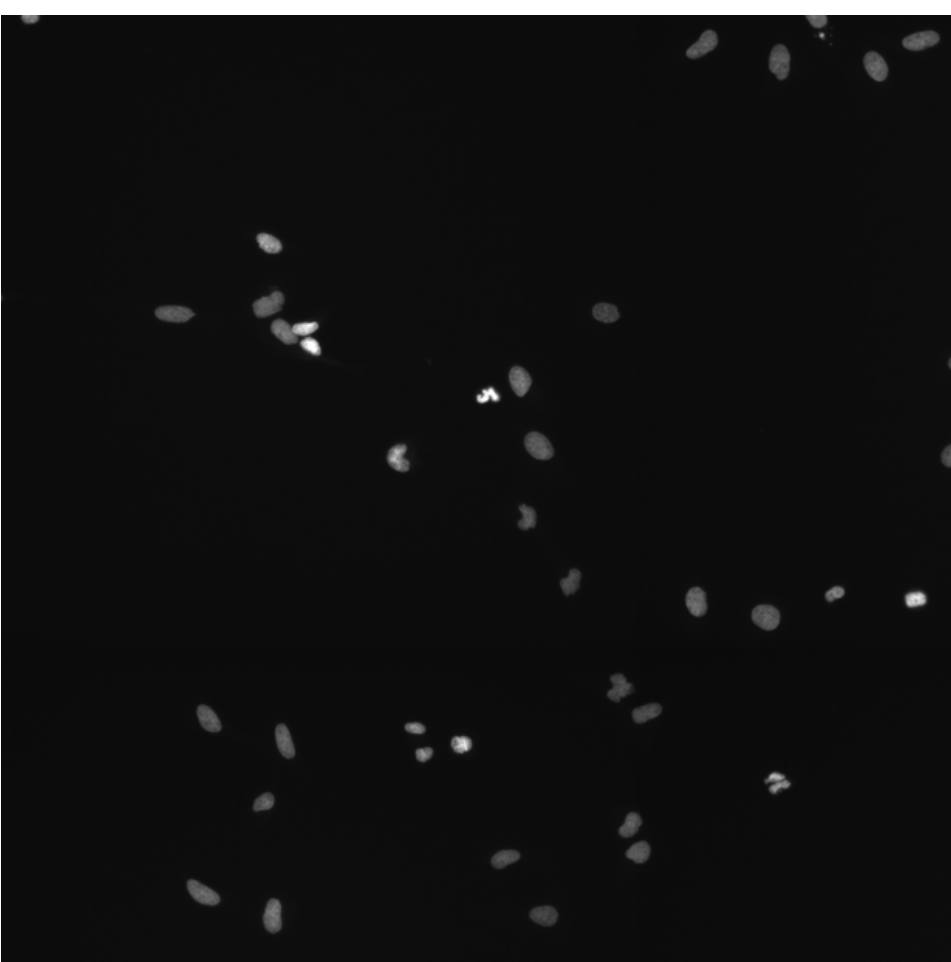
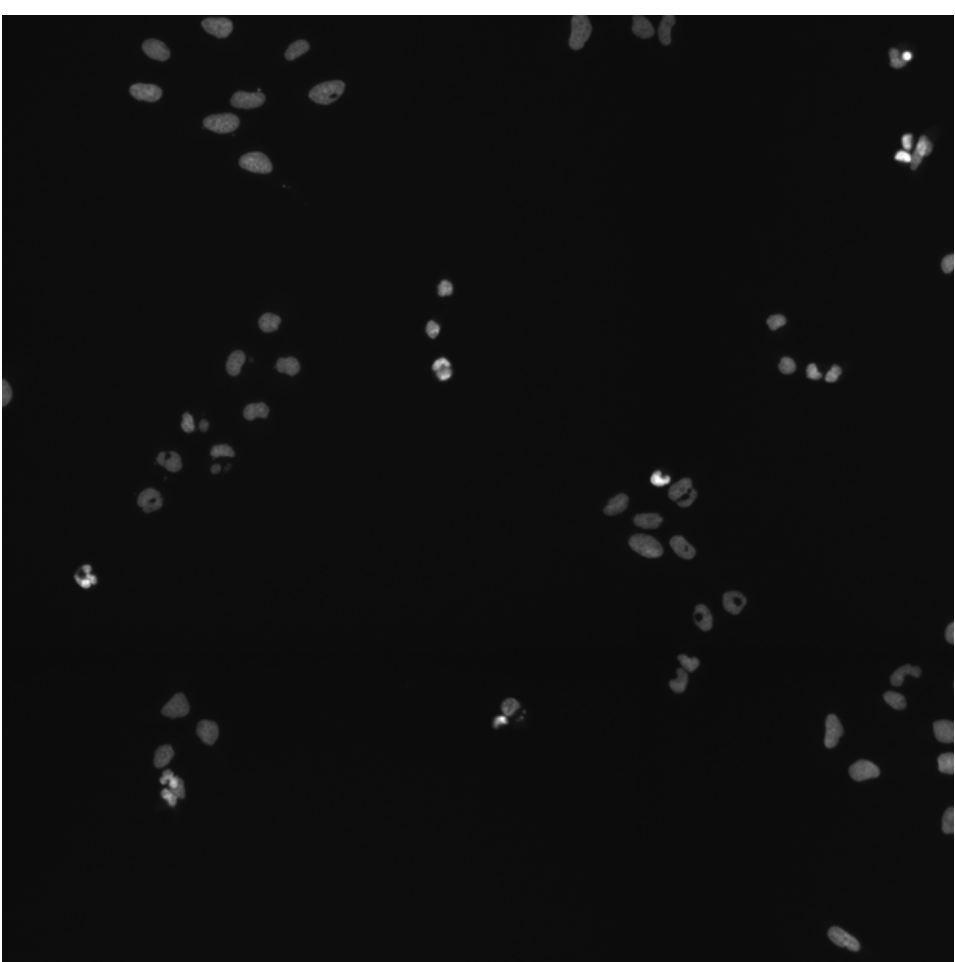
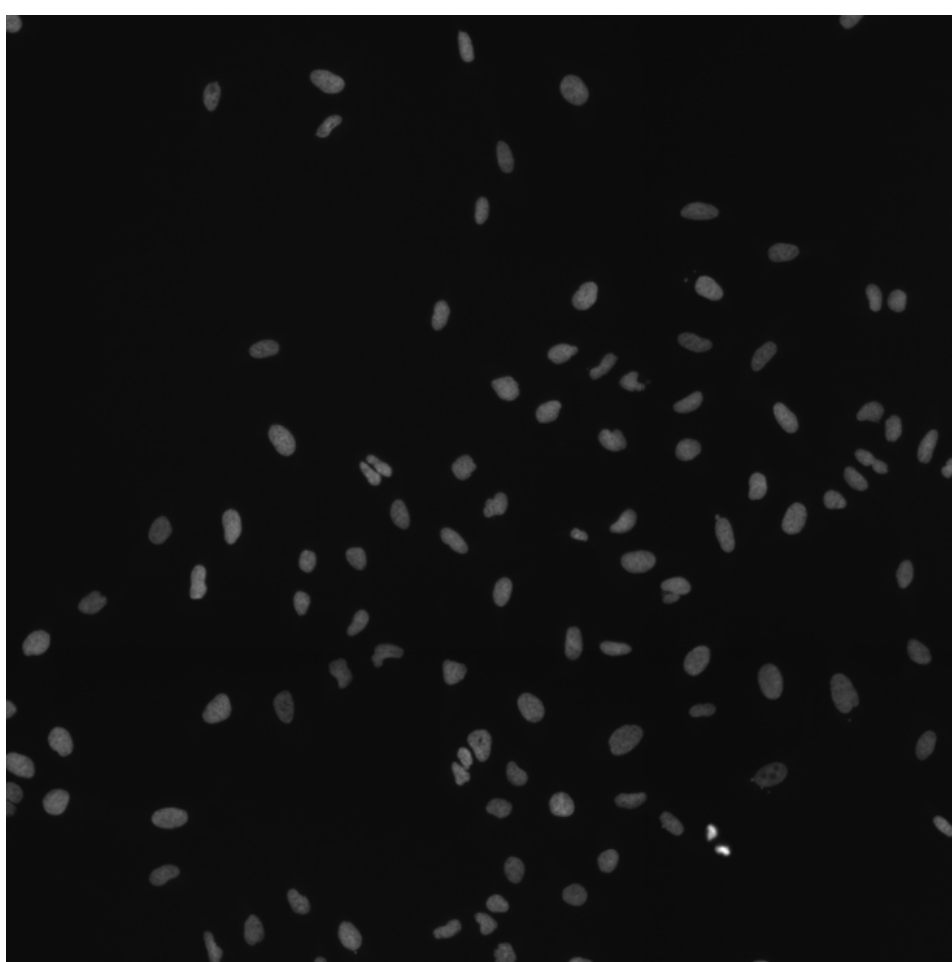
PRKACA.WT.1 (41757)

PRKACA.WT.1 (41754)

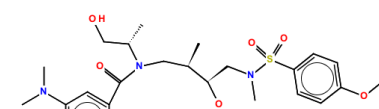
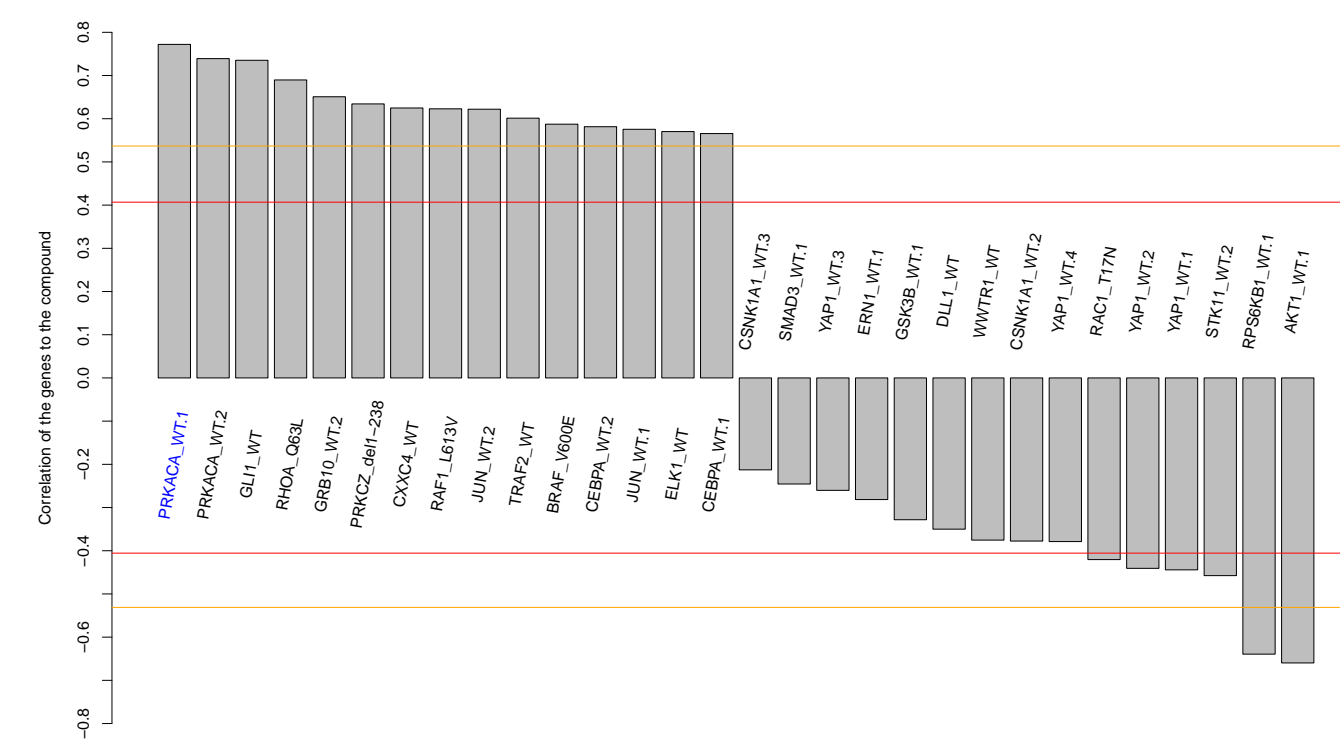
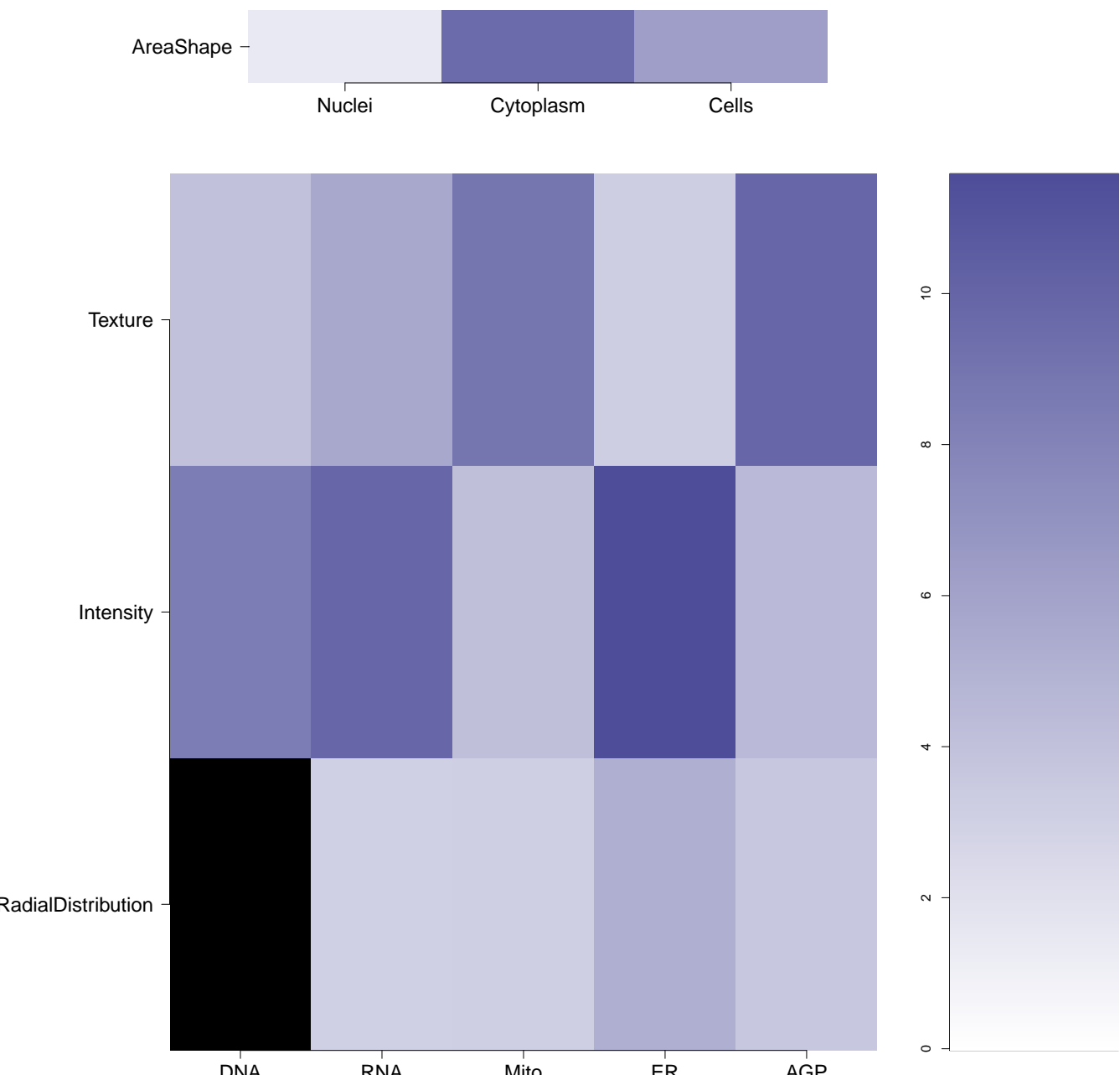
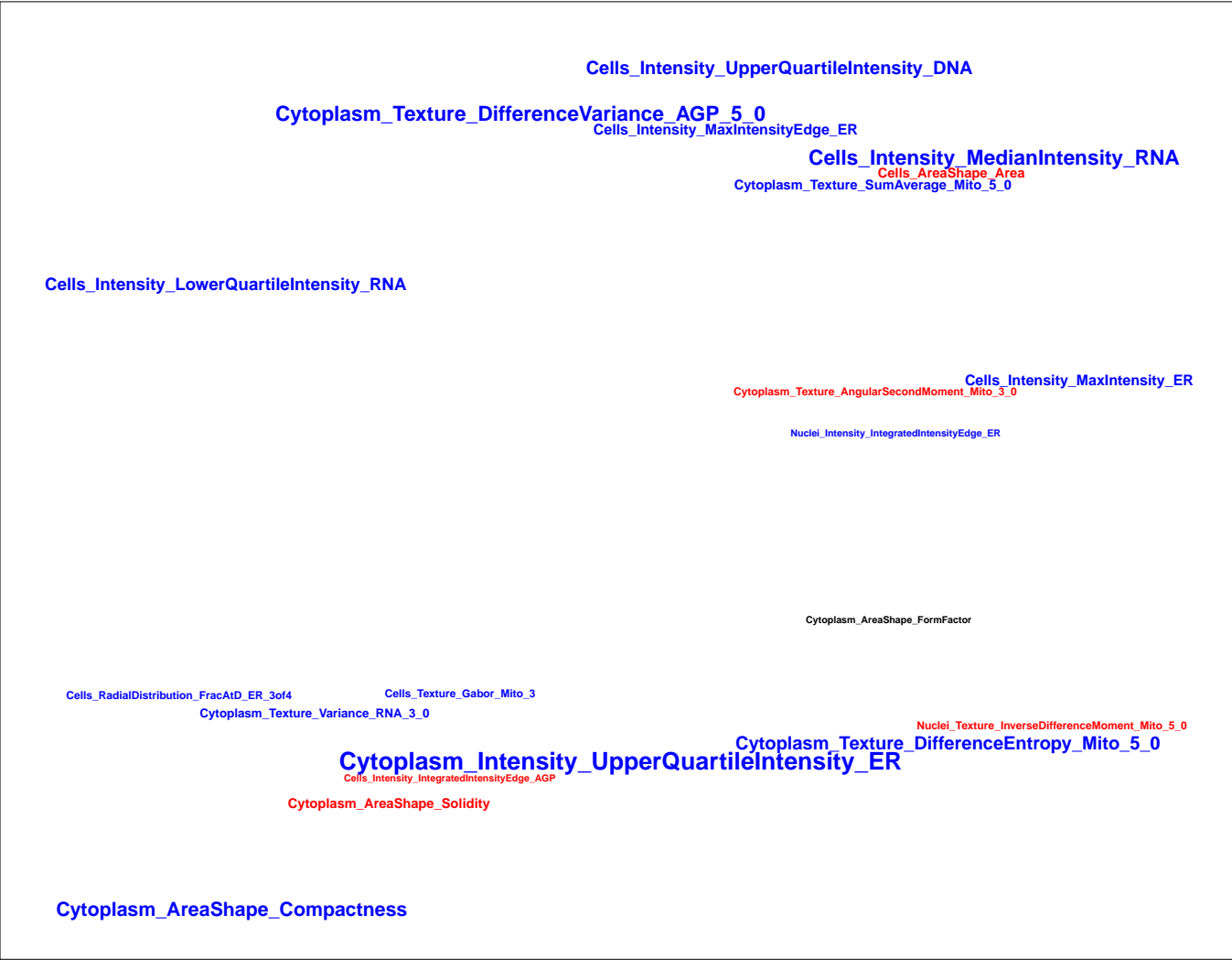
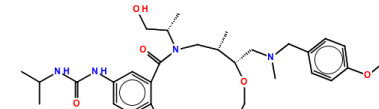
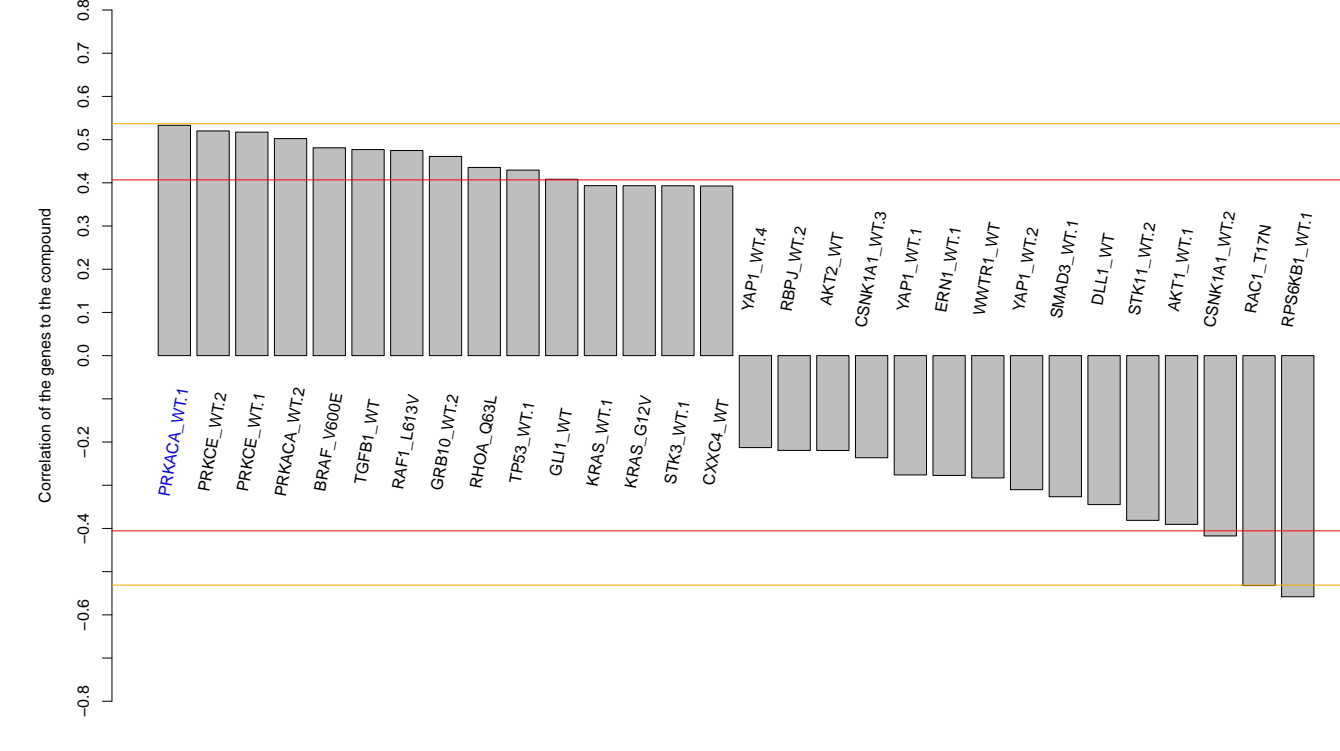
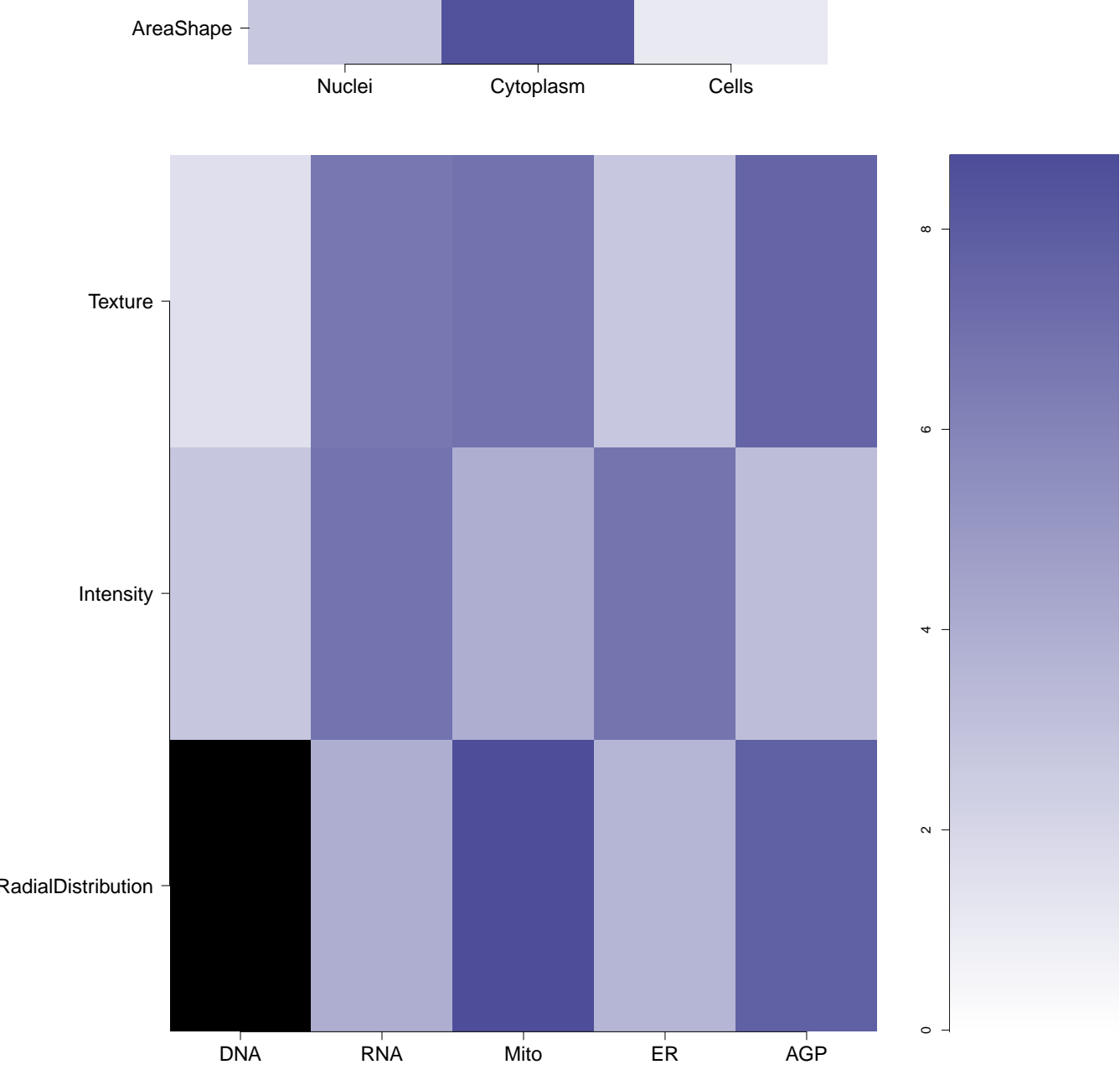

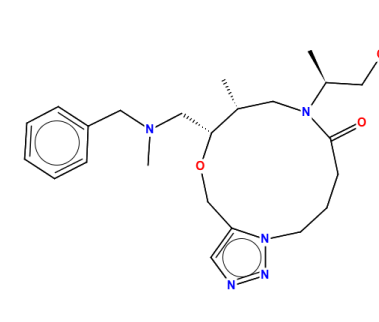
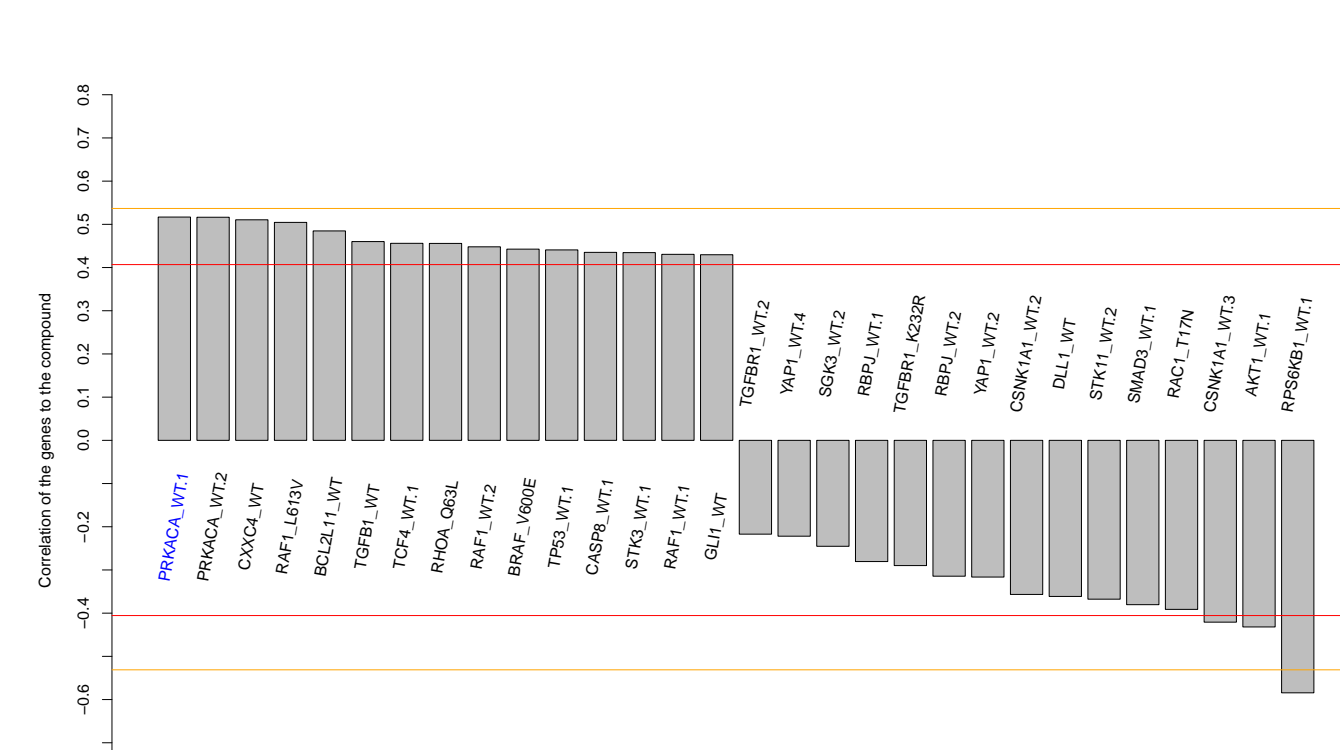
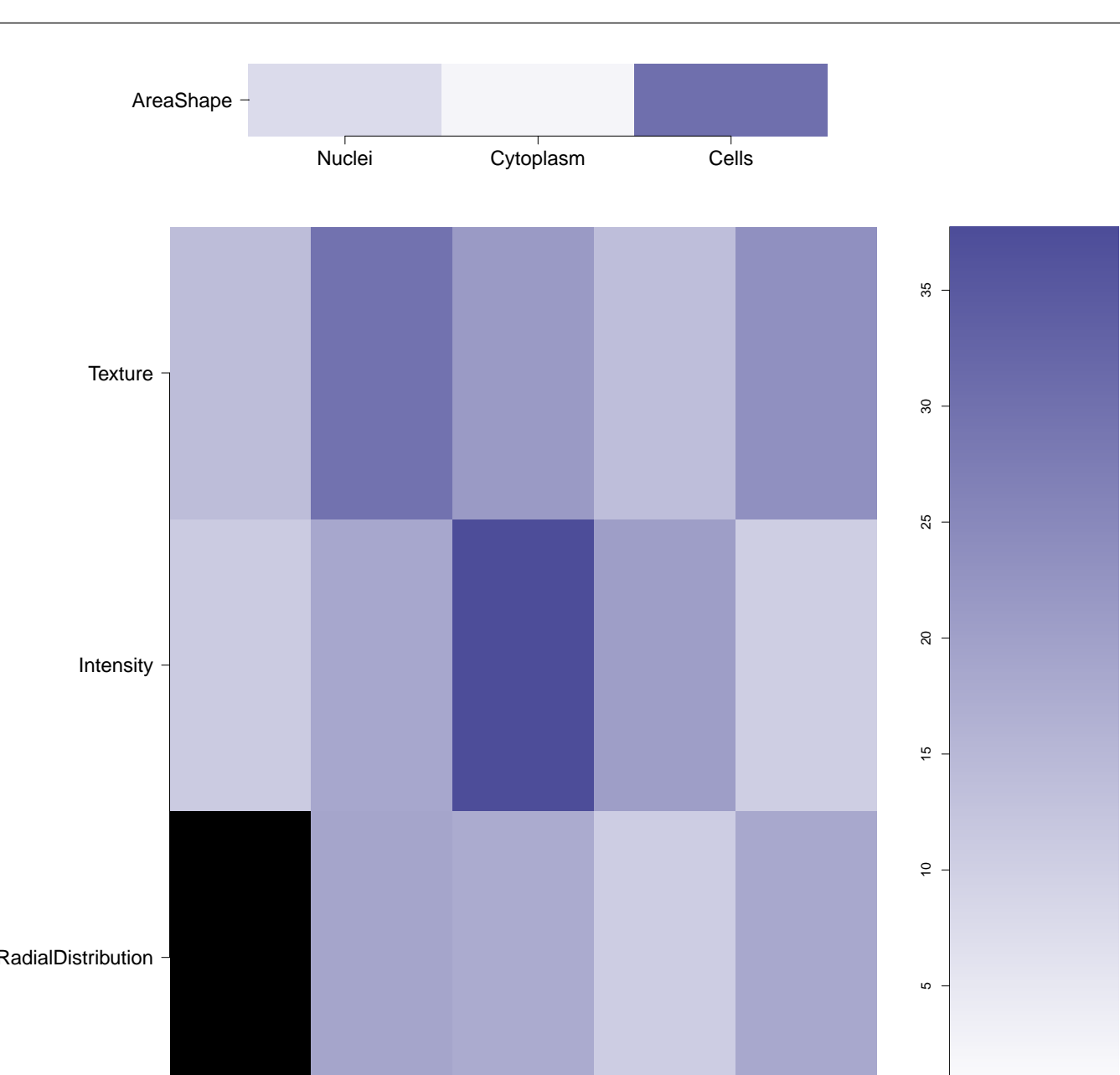
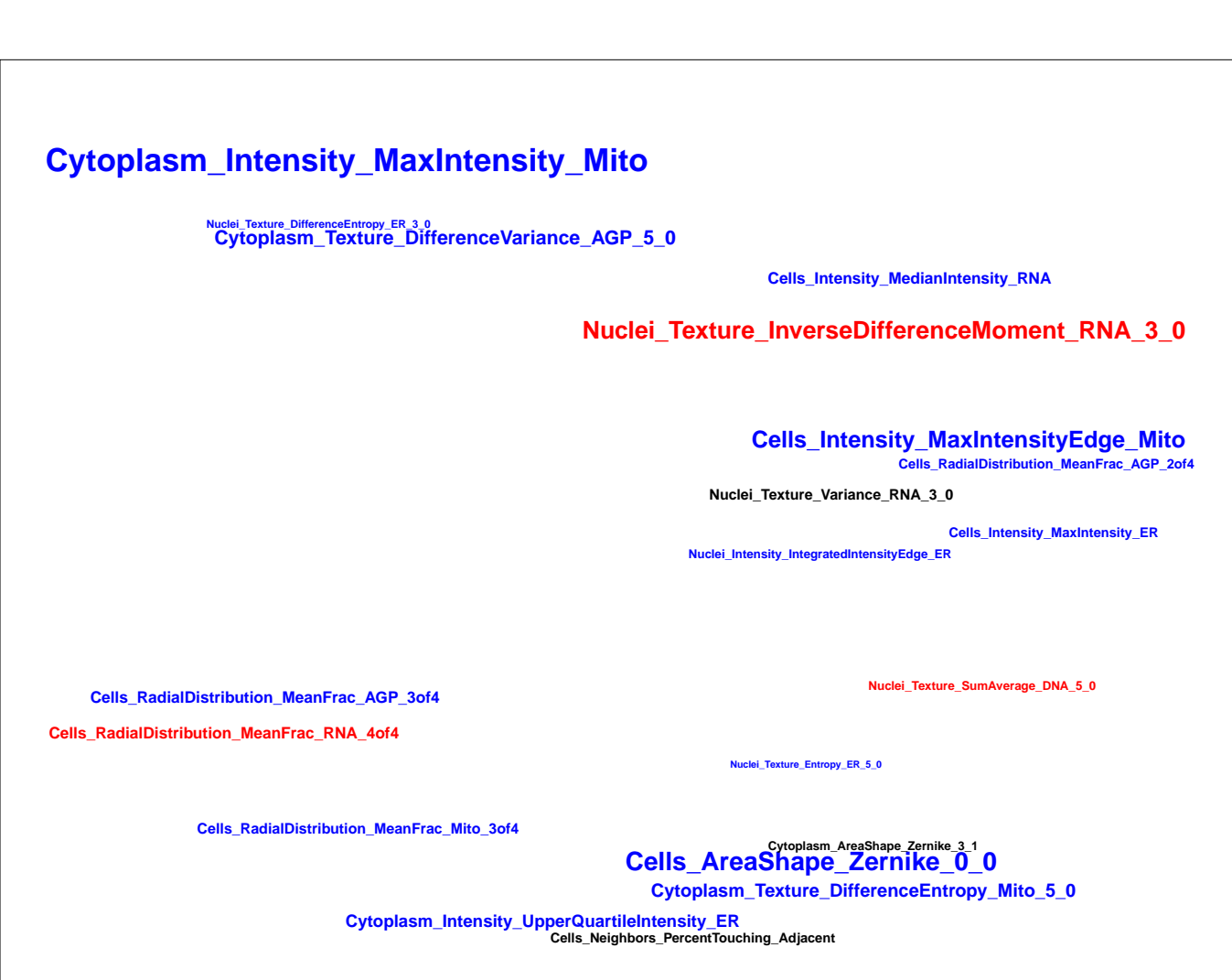
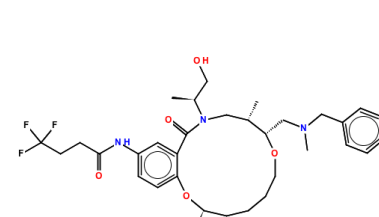
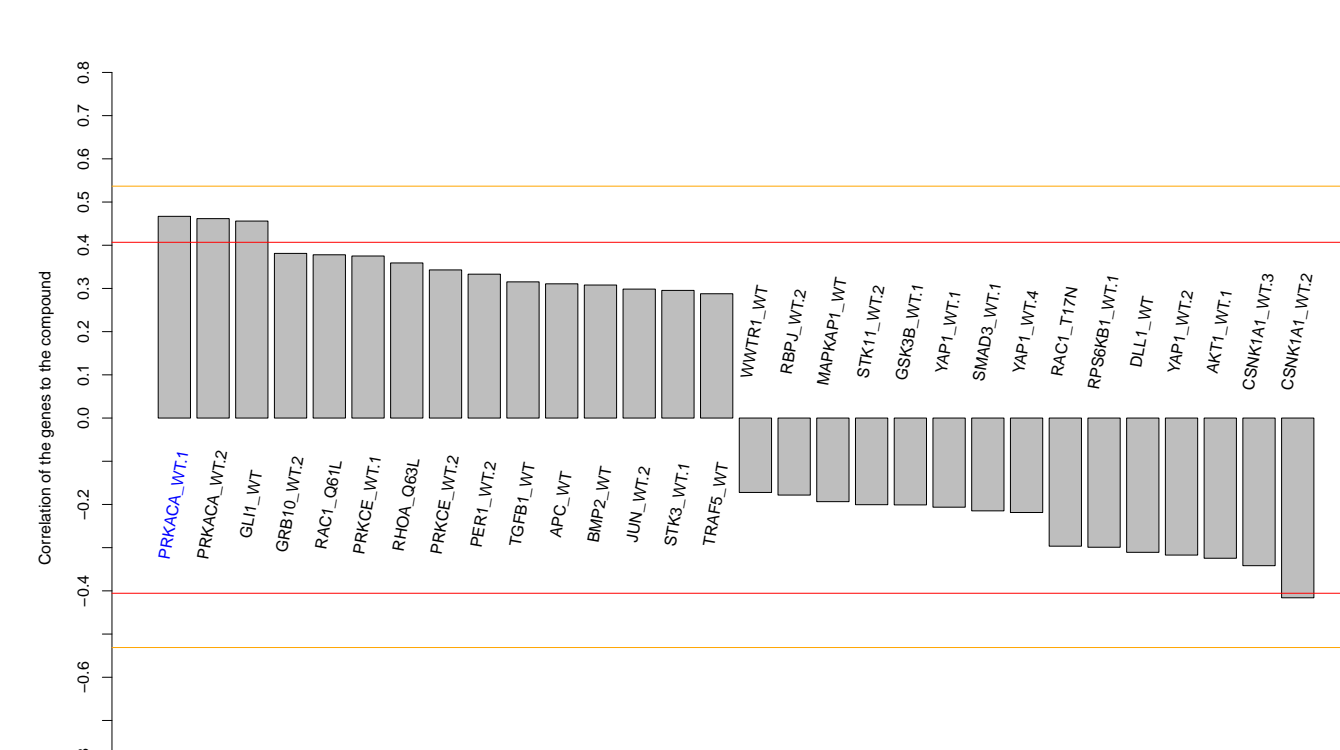
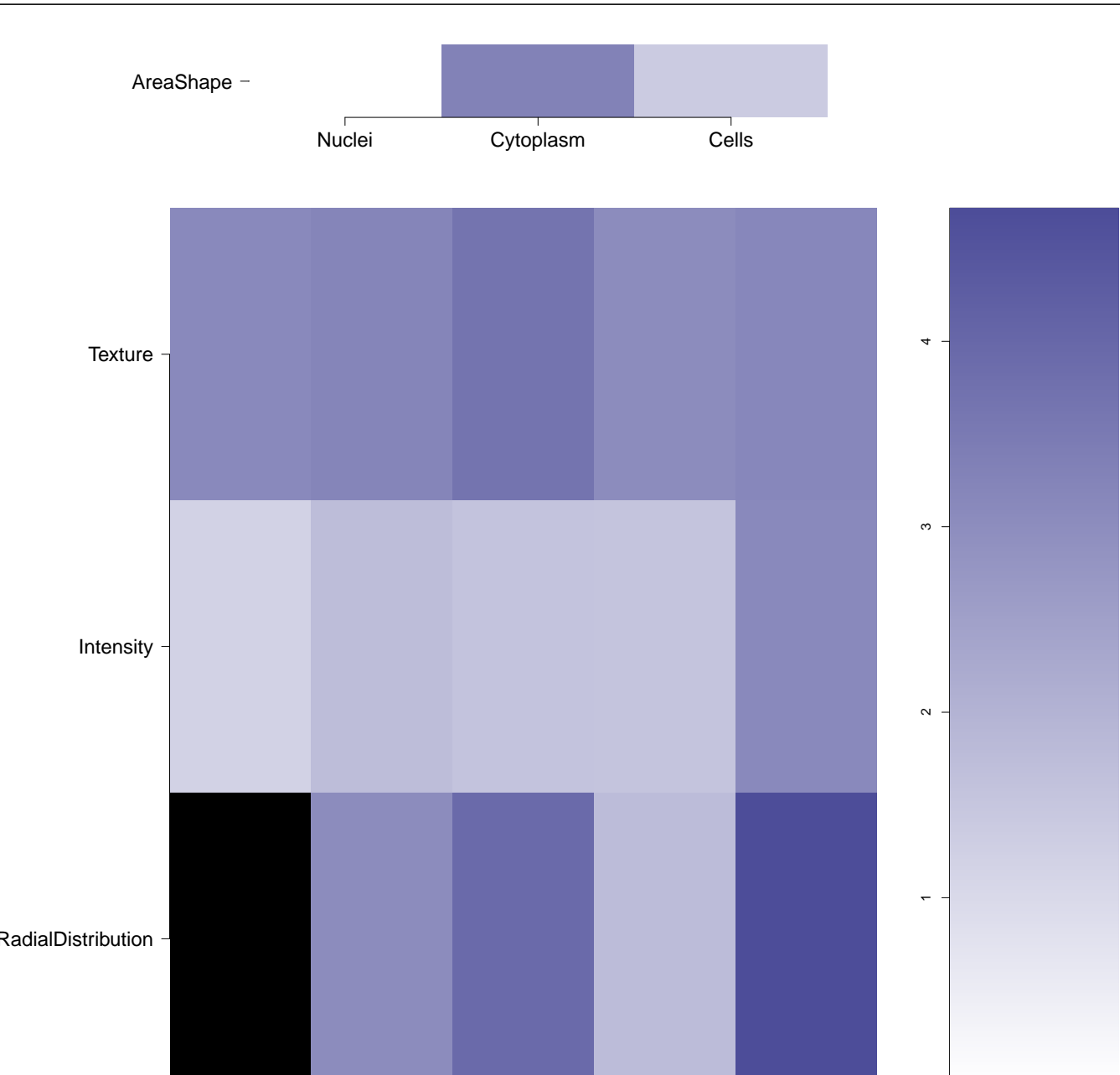

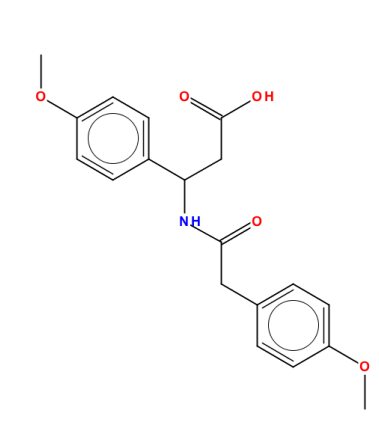
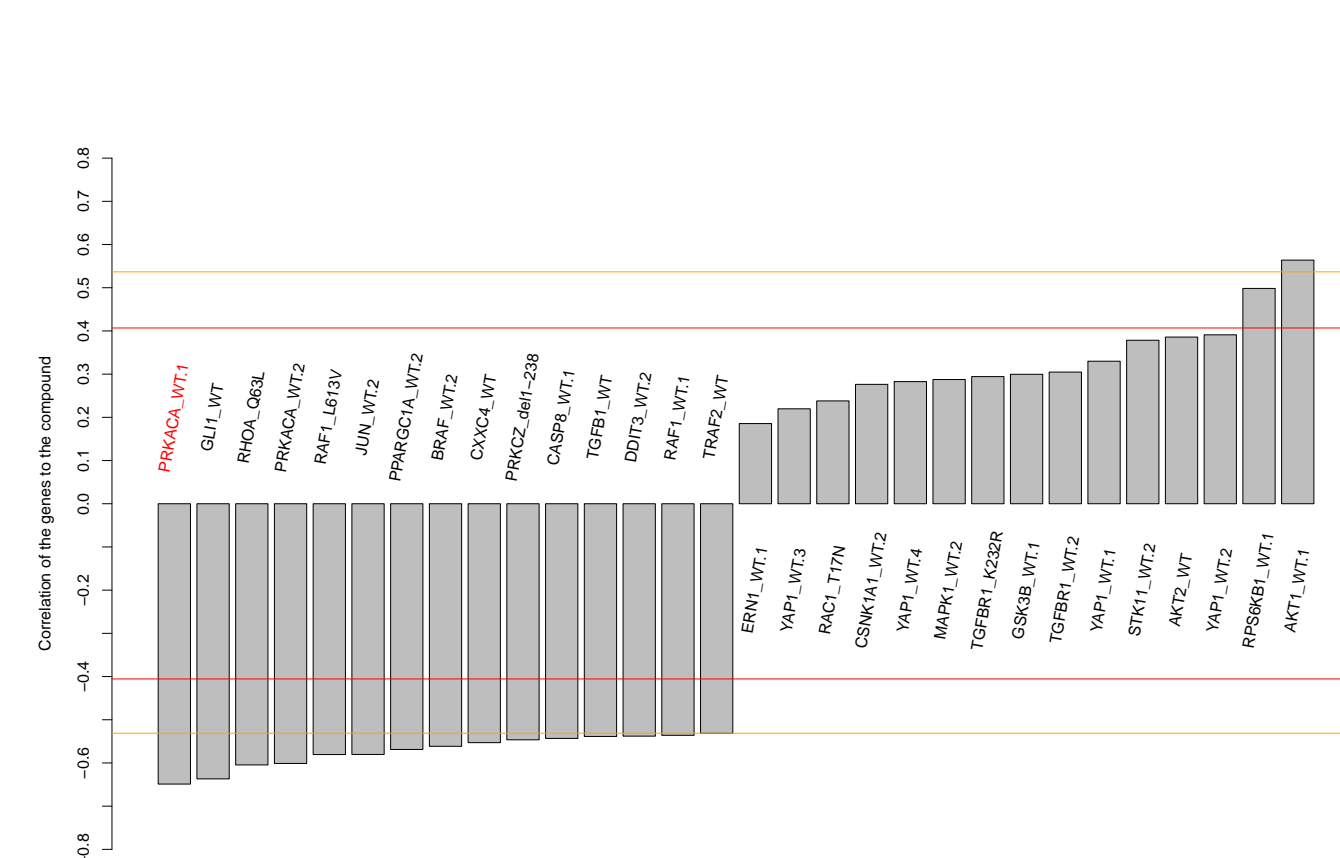
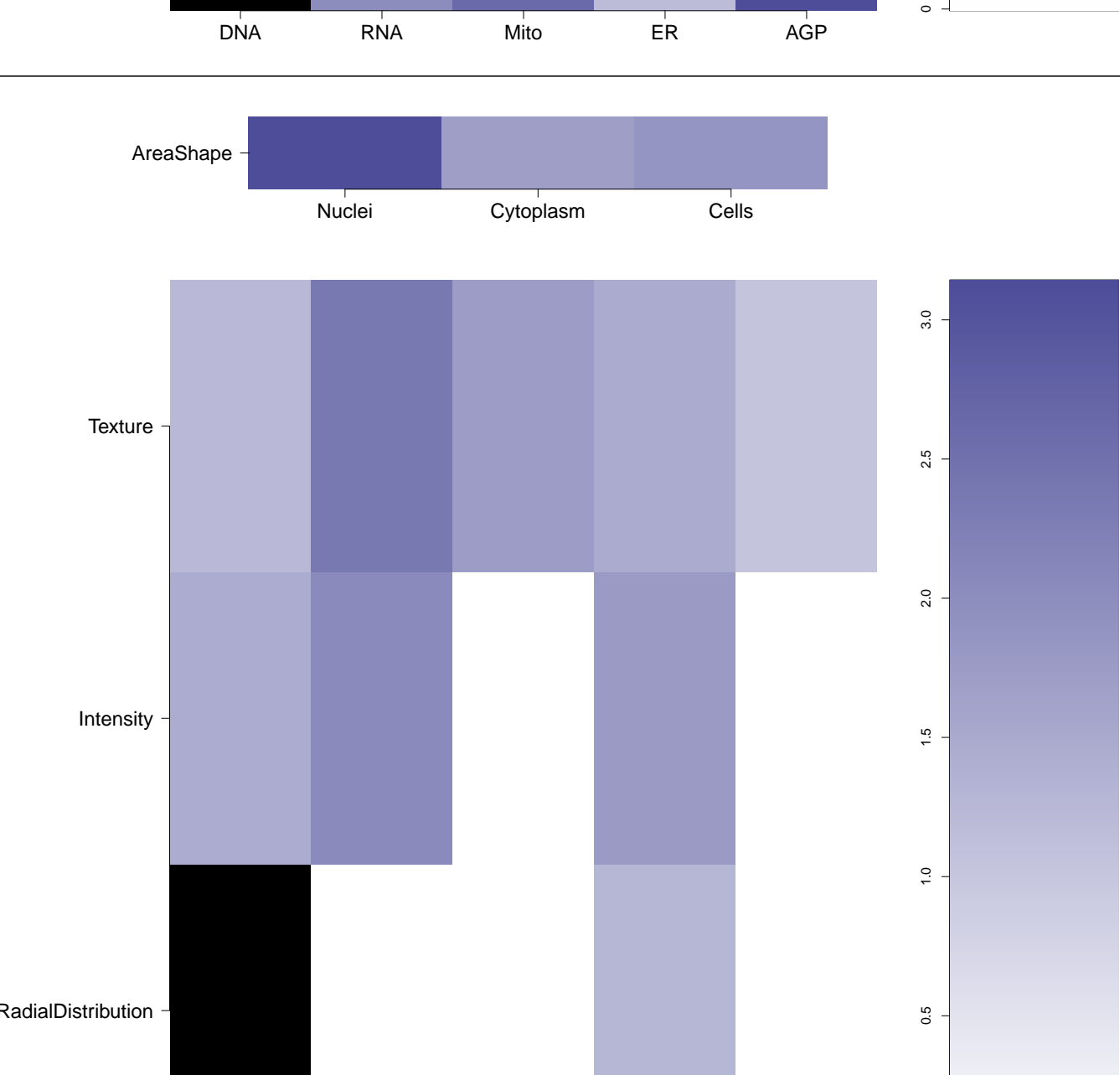

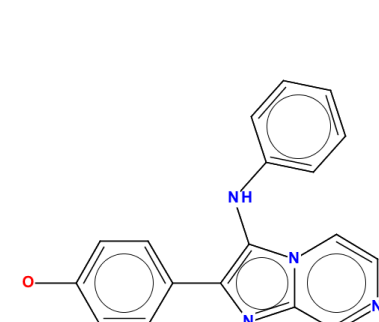
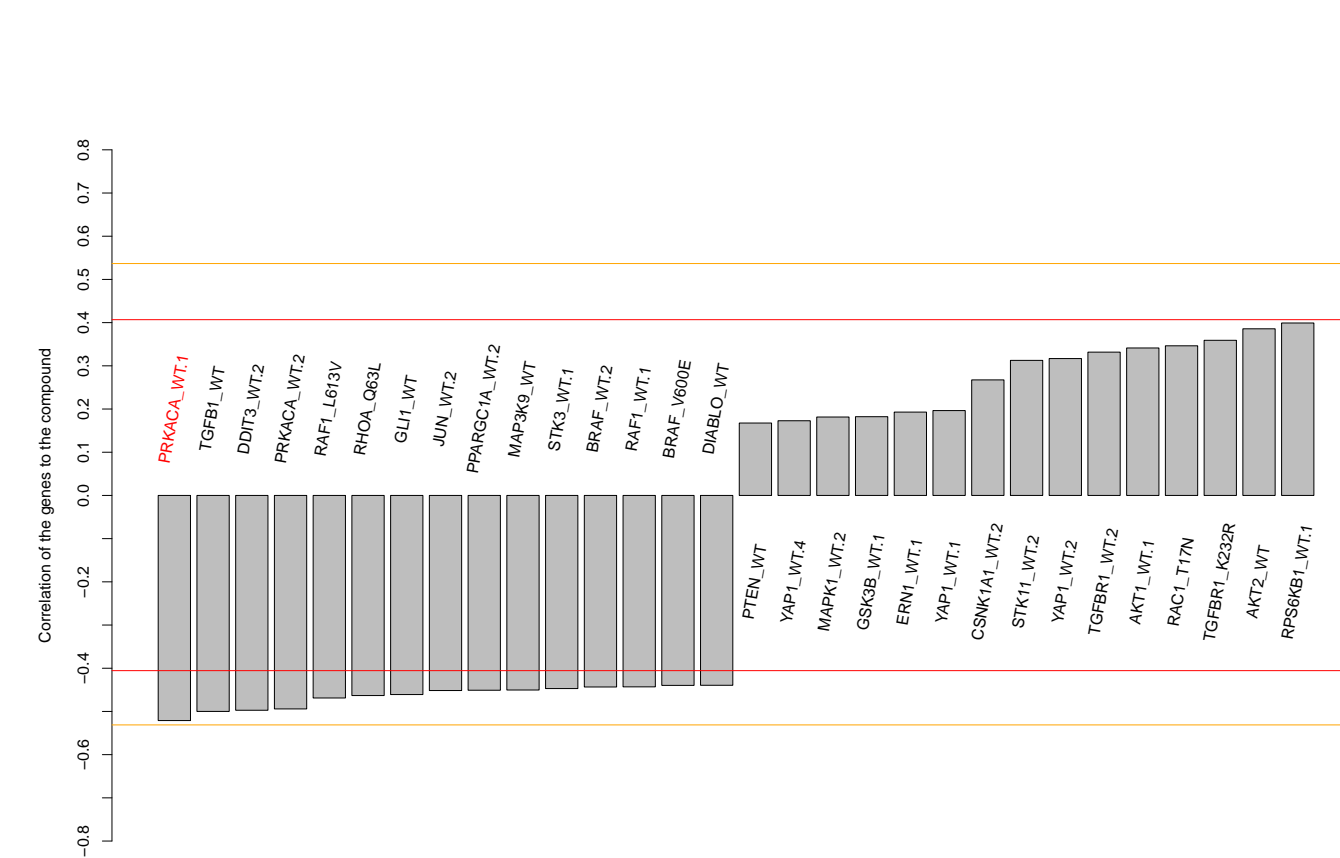
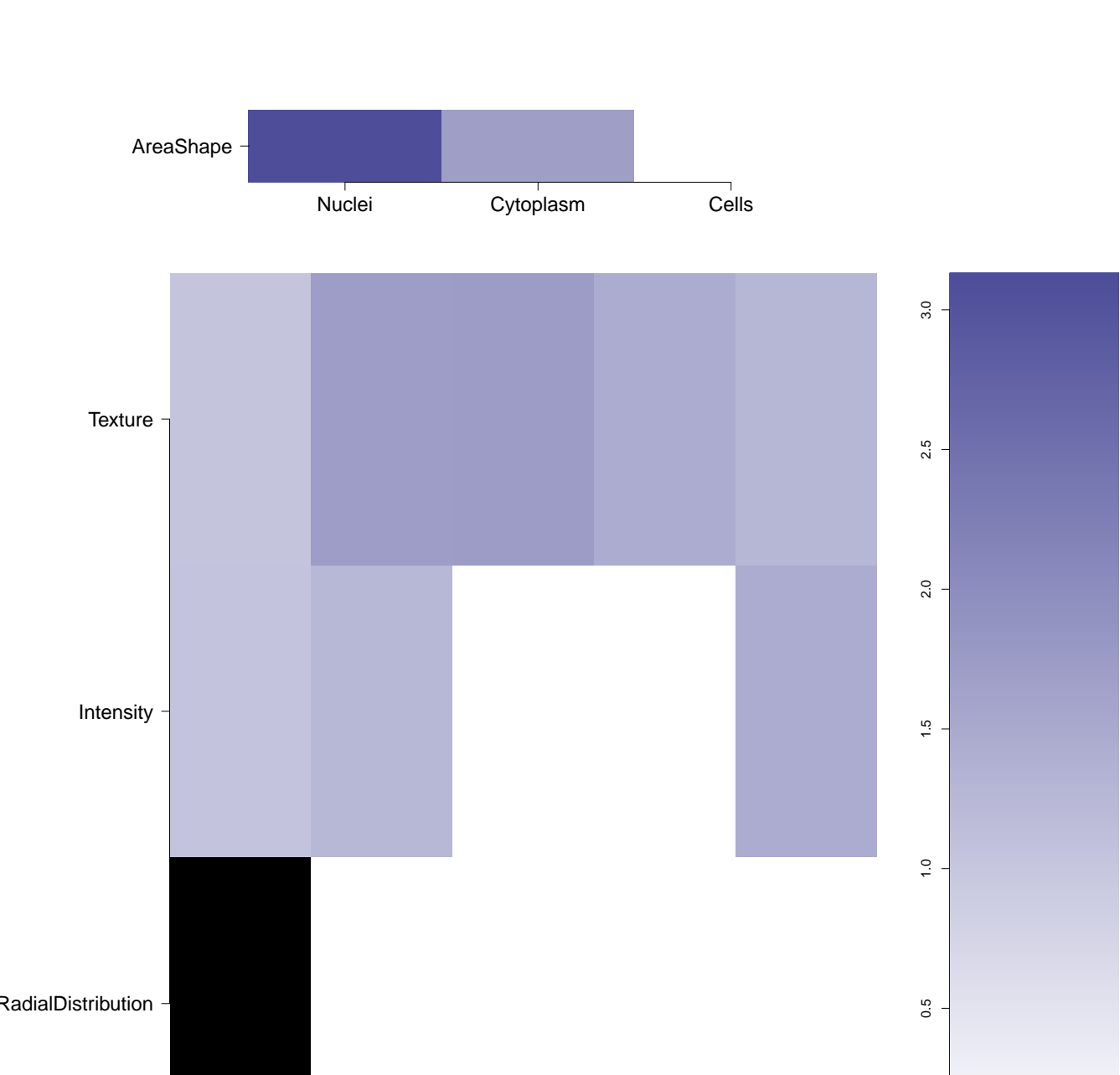
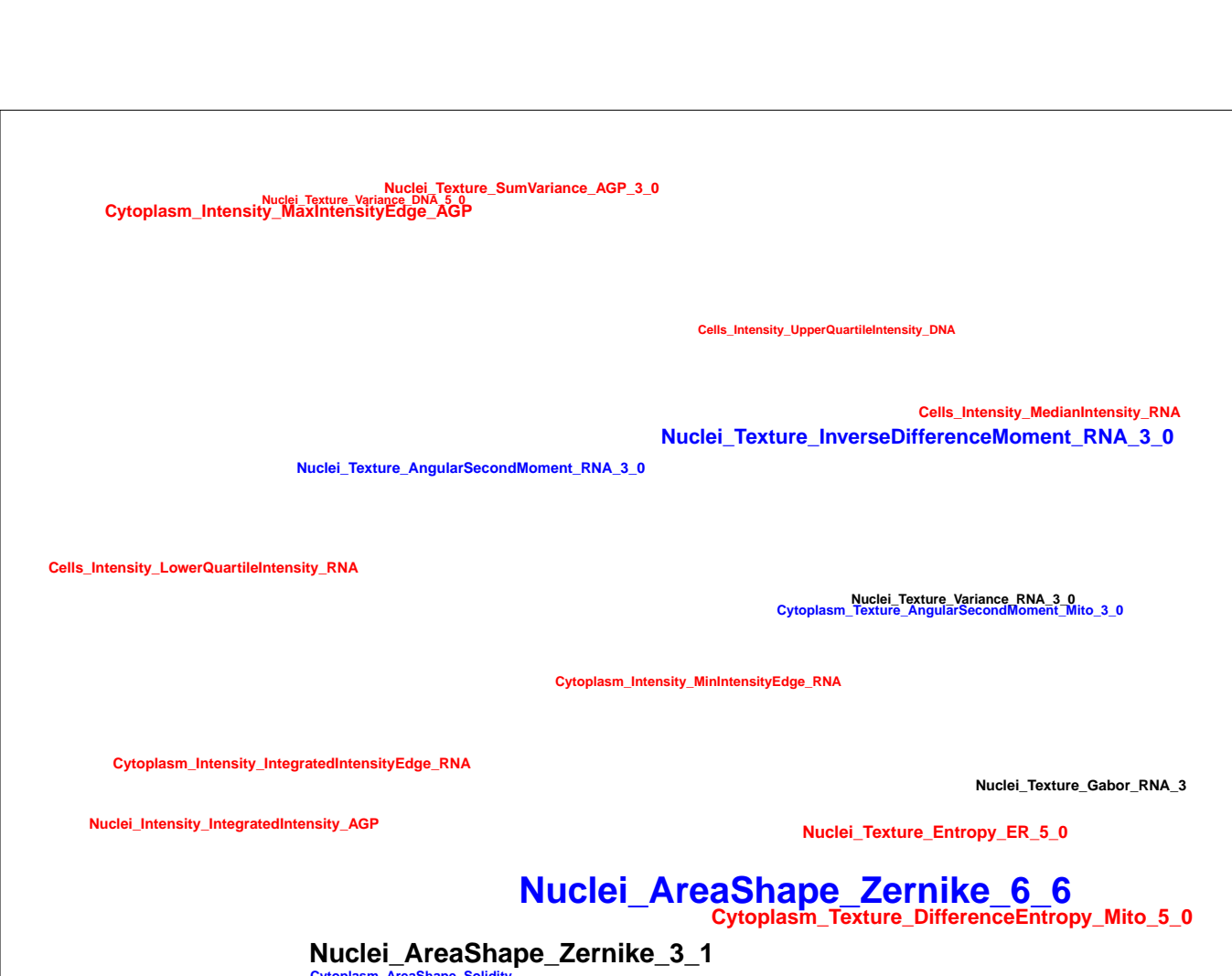
ER



DNA



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-K92570288-001-01-7 PubChem CID : 54614939		0.90 (in 4 replicates)	0.77	0.885				Total number of assays tested in: 19.
BRD-K31897694-001-01-6 PubChem CID : 44497269		0.66 (in 4 replicates)	0.53	0.071				Total number of assays tested in: 43.
BRD-K30937833-001-01-3 PubChem CID : 44488163		0.85 (in 2 replicates)	0.52	0.865				Total number of assays tested in: 50.
BRD-K28290335-001-01-5 PubChem CID : 44616562		0.85 (in 4 replicates)	0.47	0.272				Total number of assays tested in: 39.
BRD-A53979407-001-05-6 AC1MMAAT SMR000021361 MLS000086032 HMS2343P06 PubChem CID : 3235616		NA (in 1 replicates)	-0.65	NA				Total number of assays tested in: 783. Active in the following assays: <ul style="list-style-type: none"> HTS Assay for Allosteric Antagonists of the Human D2 Dopamine Receptor: Primary Screen for Antagonists (AID 485344)
BRD-K67301886-001-04-8 SMR000093145 MLS000116164 AC1O44GZ BDBM58960 HMS2249103 PubChem CID : 6324566		NA (in 1 replicates)	-0.52	NA				Total number of assays tested in: 793. Active in the following assays: <ul style="list-style-type: none"> Discovery of Novel Allosteric Modulators of the M1 Muscarinic Receptor: Agonist Primary Screen (AID 626) Profiling the NIH Molecular Libraries Small Molecule Repository: Autofluorescence at 330/460 nm (AID 709) CYP2C9 Assay (AID 777) uHTS of Mcl-1/Noxa interaction inhibitors (AID 1022) qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458) Rml C and D inhibition 384-well mixture HTS (AID 1532) Identification of SV40 T antigen inhibitors: A route to novel anti-viral reagents (AID 1903) Identification of SV40 T antigen inhibitors: Cytotoxicity screen of selected hits (AID 2102) A biochemical assay using the ADP-Hunter methodology, purified TAG, and ATP to identify compounds that inhibit the ATPase activity of Tag - Counter Screen (AID 2501) uHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346) Heat Shock Factor-1 (HSF-1) Measured in Cell-Based System Using Plate Reader - 2038-01 Activator.SinglePoint.HTS.Activity (AID 50408) Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Full-Length Luciferase Counterscreen assay (AID 506607) Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Breal/Bard1 BiLC Counterscreen assay. (AID 50668) Primary qHTS for delayed death inhibitors of the malarial parasite plasmod, 96 hour incubation (AID 504834) 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)