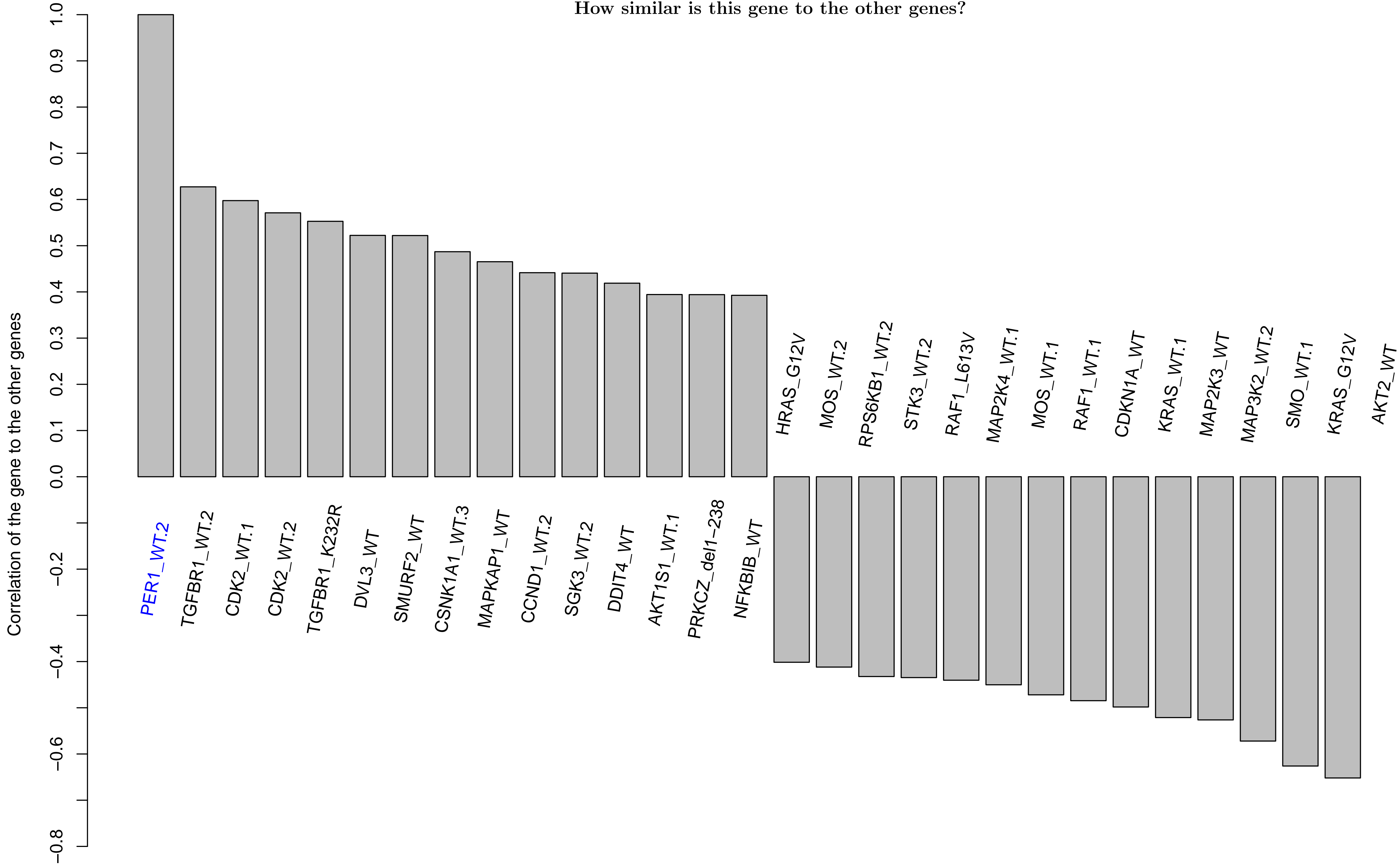
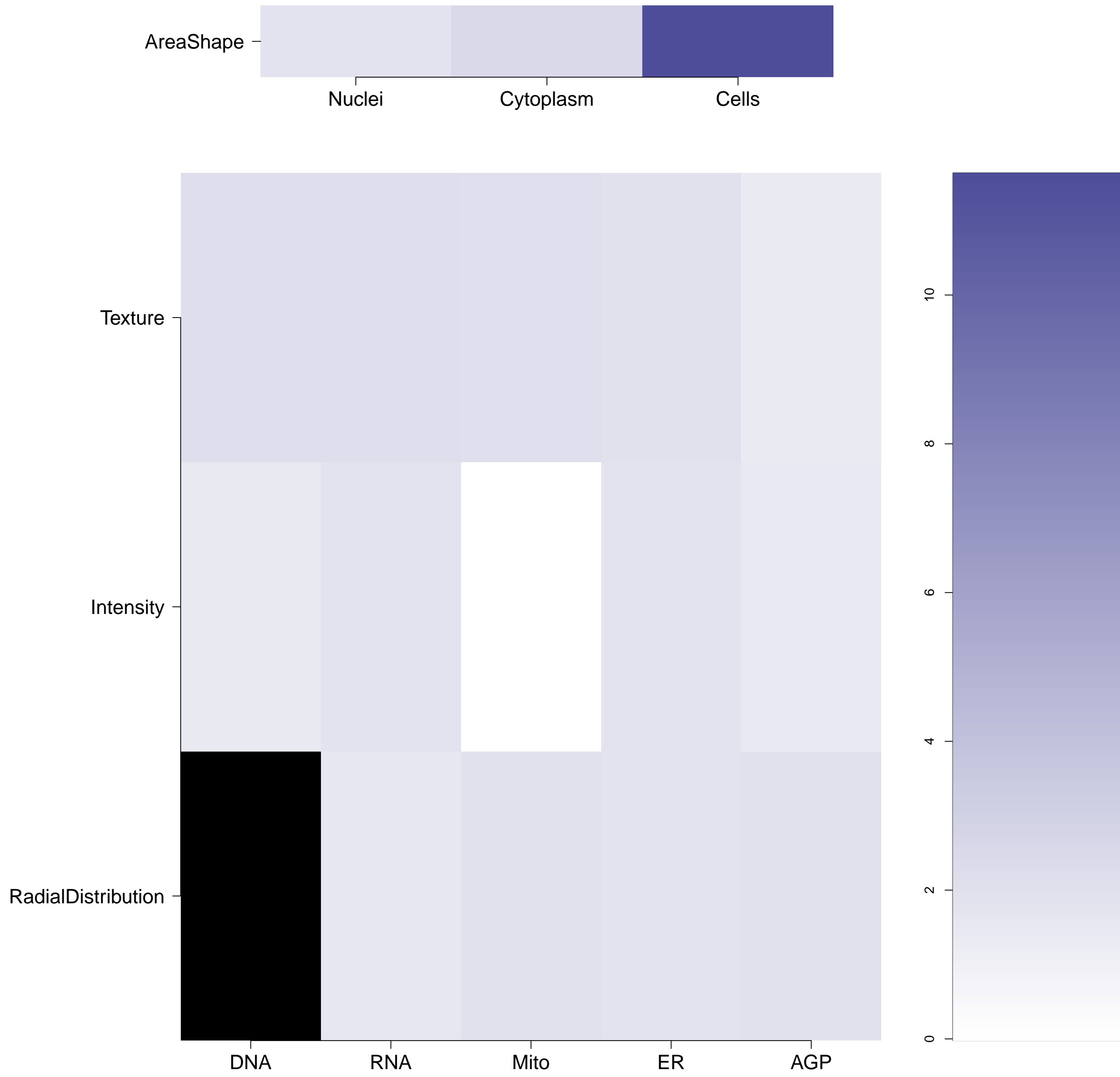


PER1.WT.2 - in Circadian Rhythm

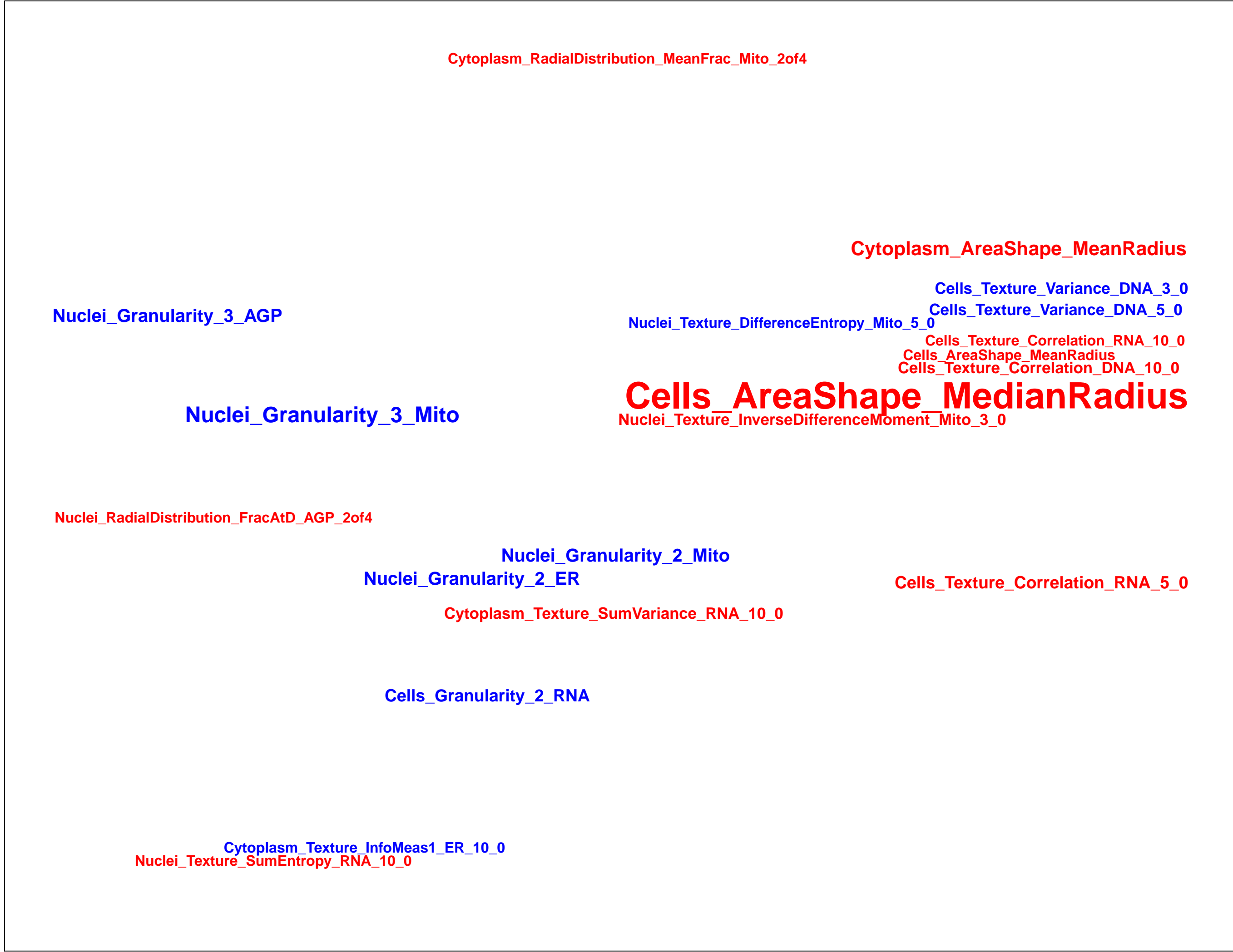
How similar is this gene to the other genes?



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

PER1.WT.2 (41744)

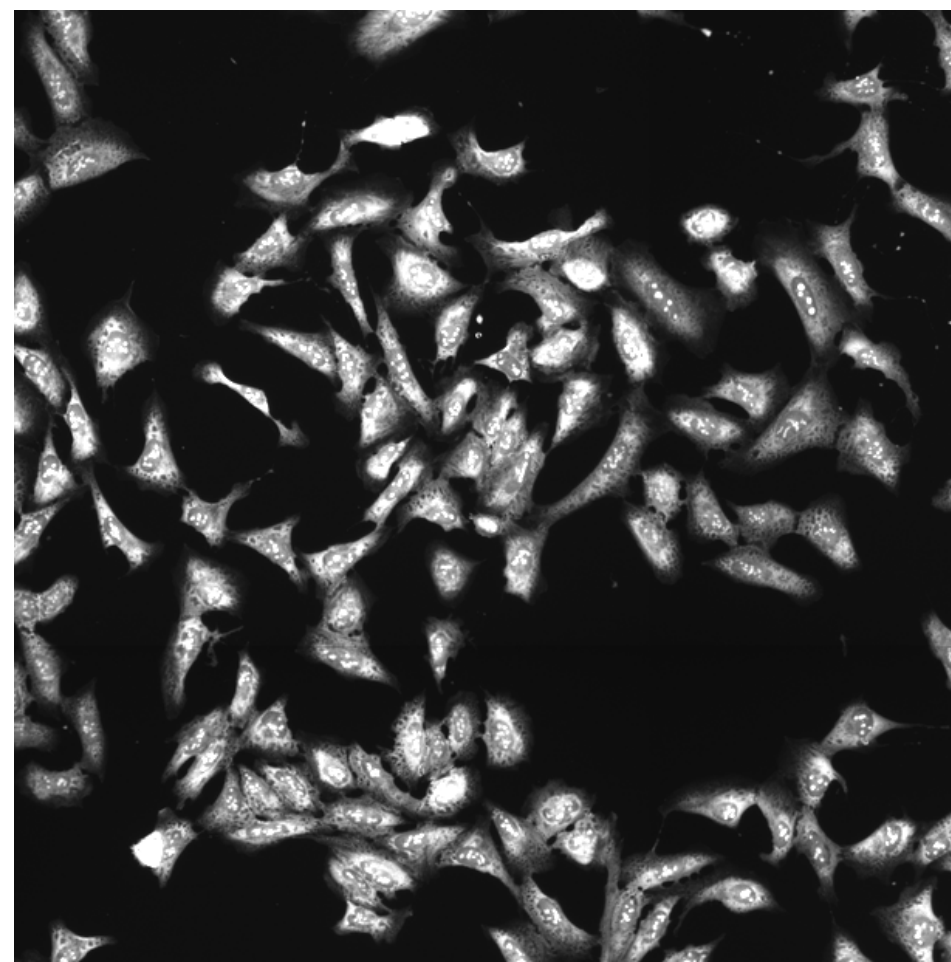
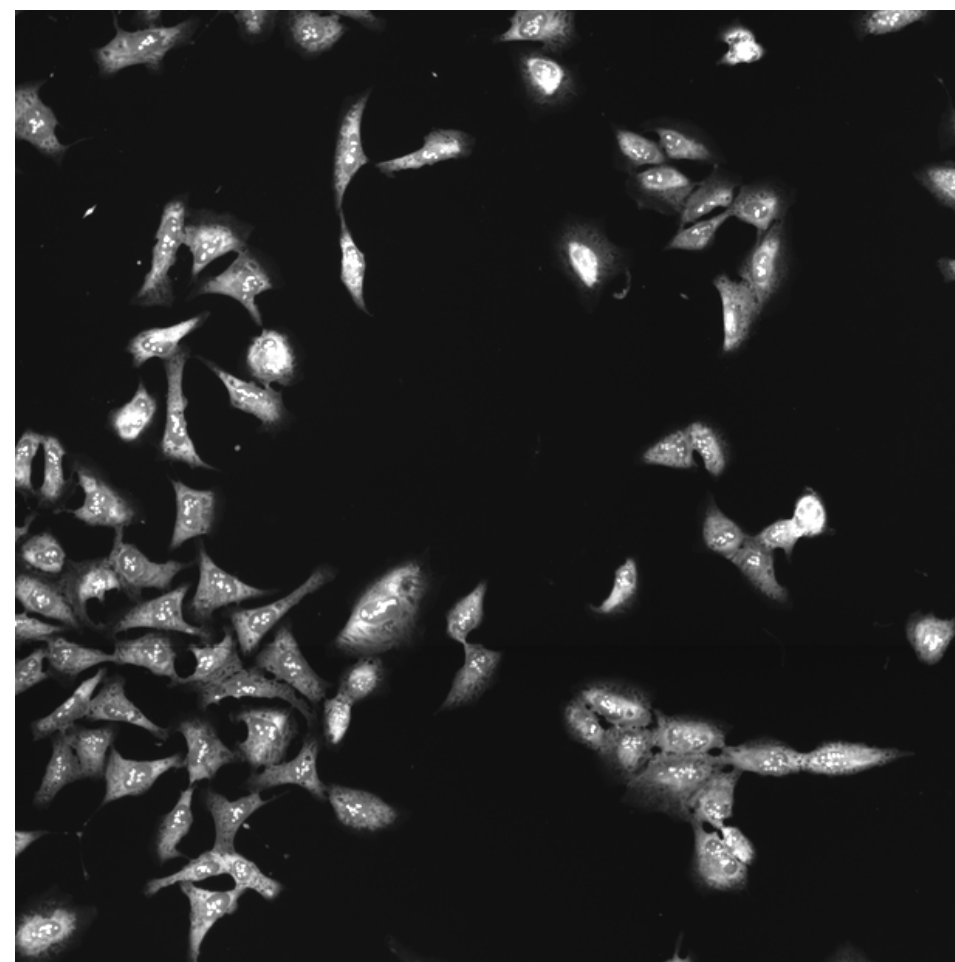
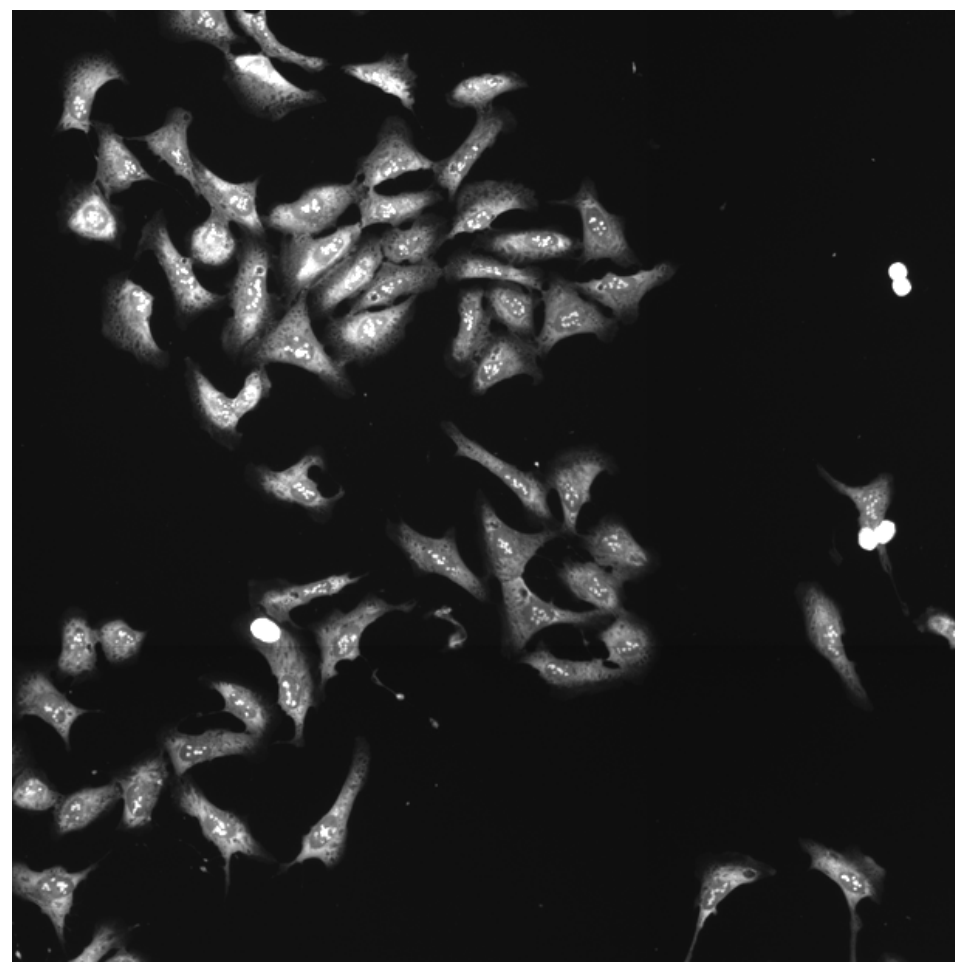
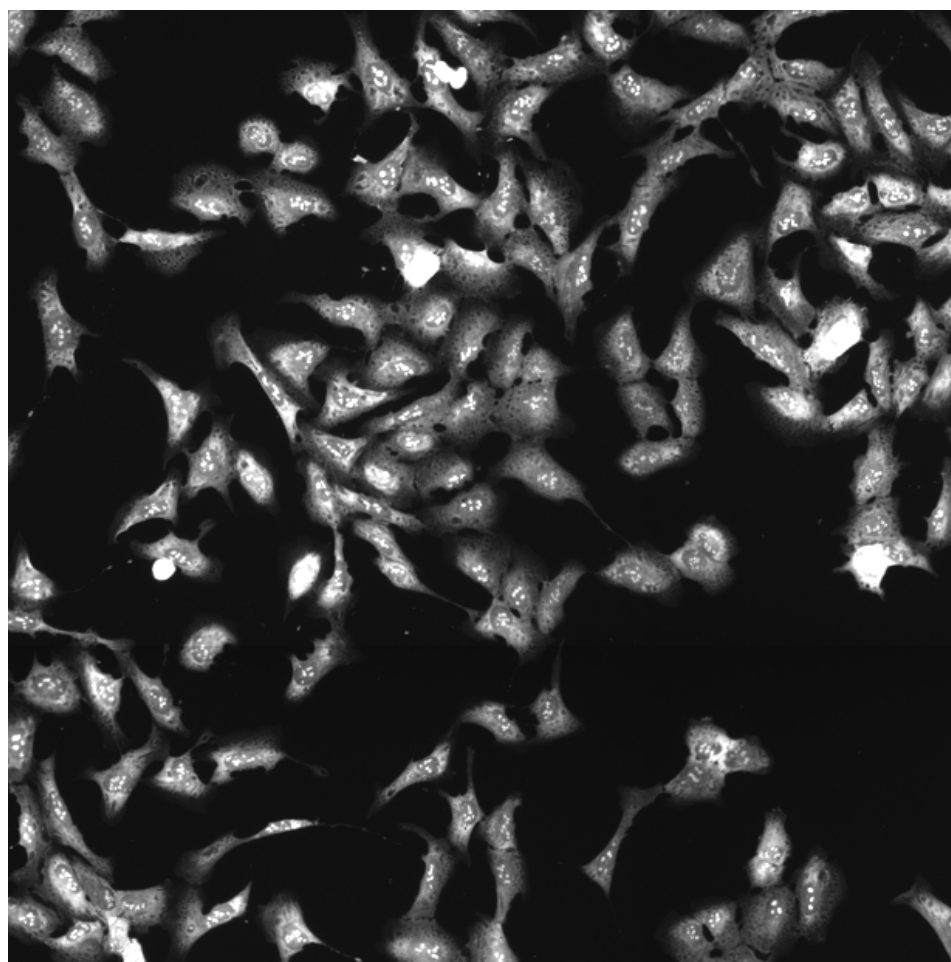
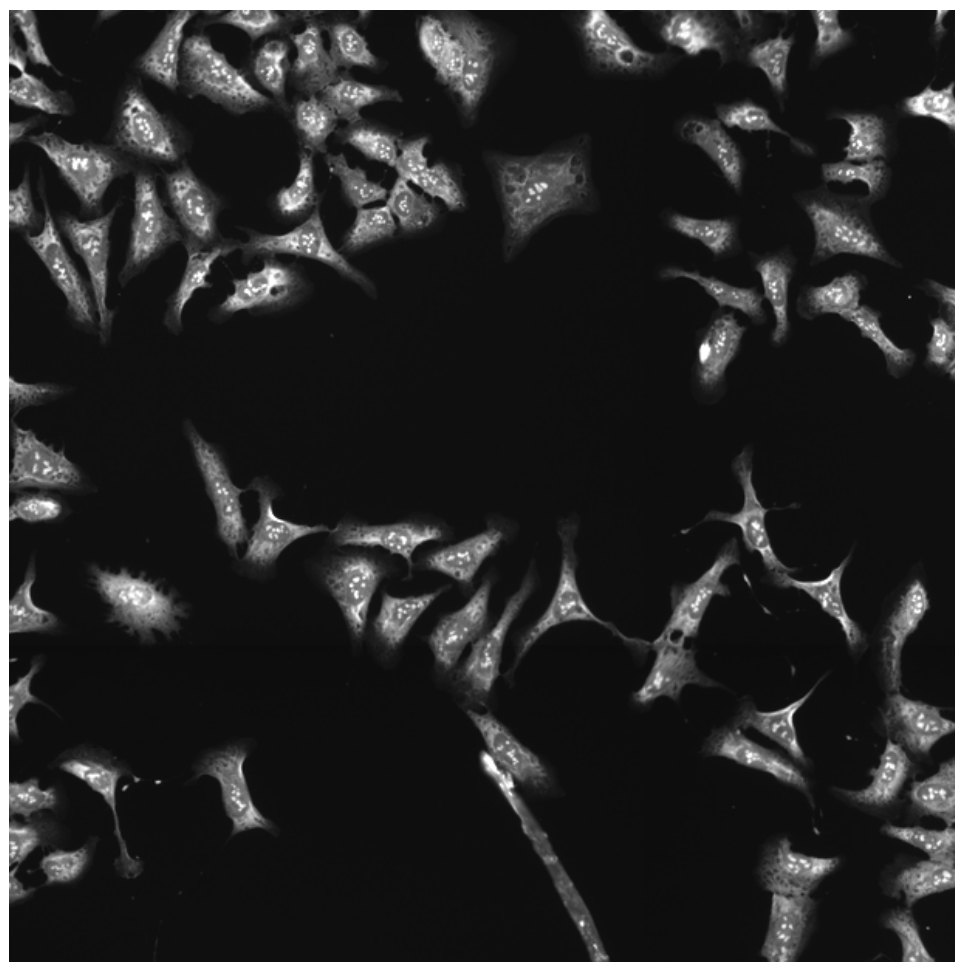
PER1.WT.2 (41755)

PER1.WT.2 (41756)

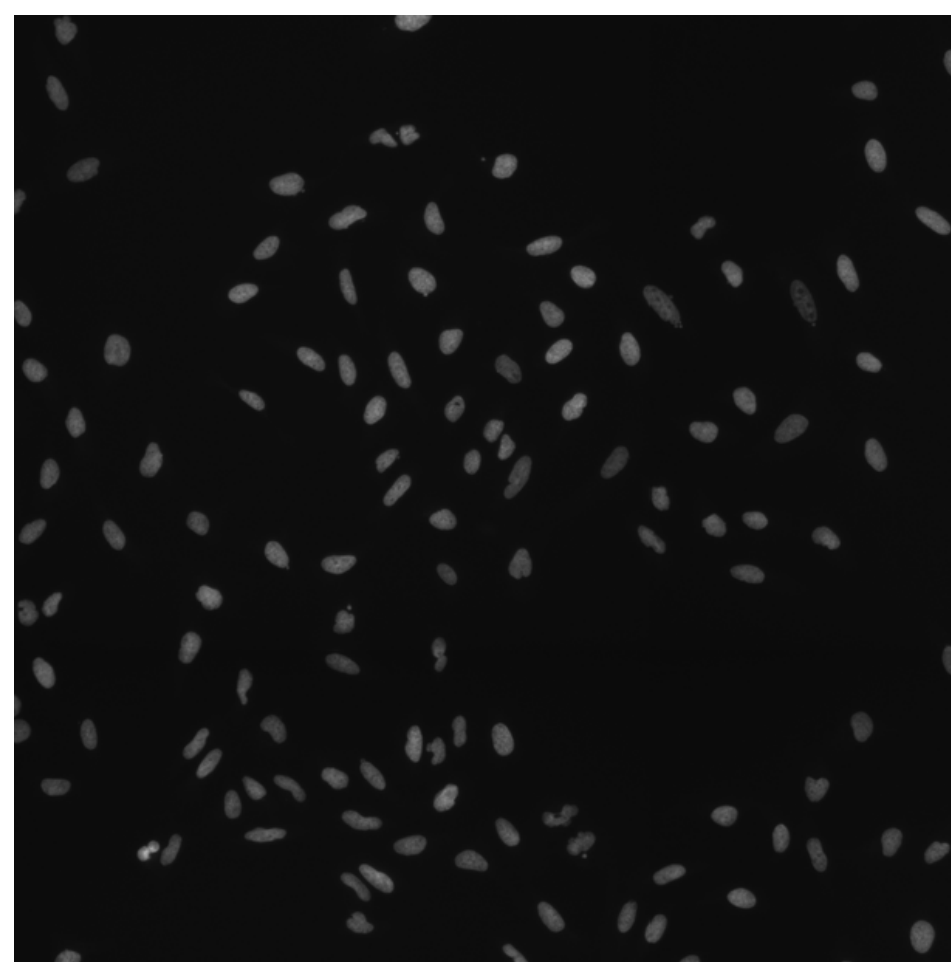
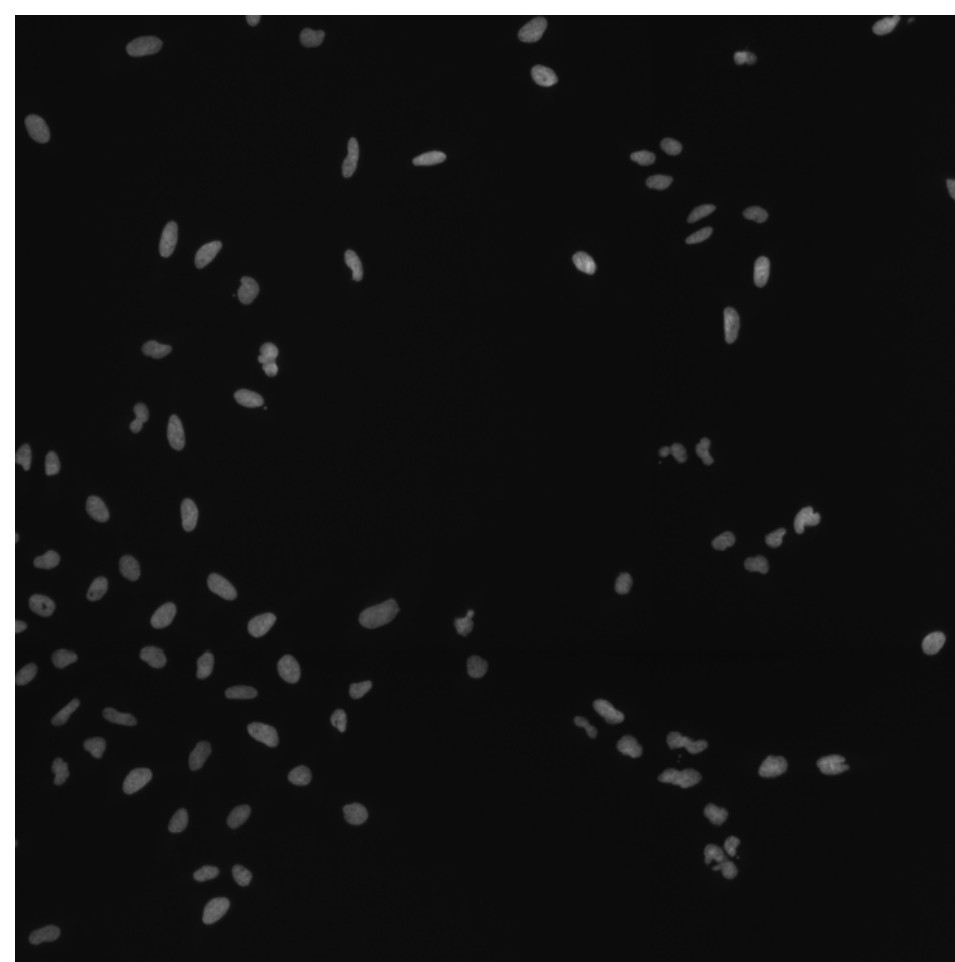
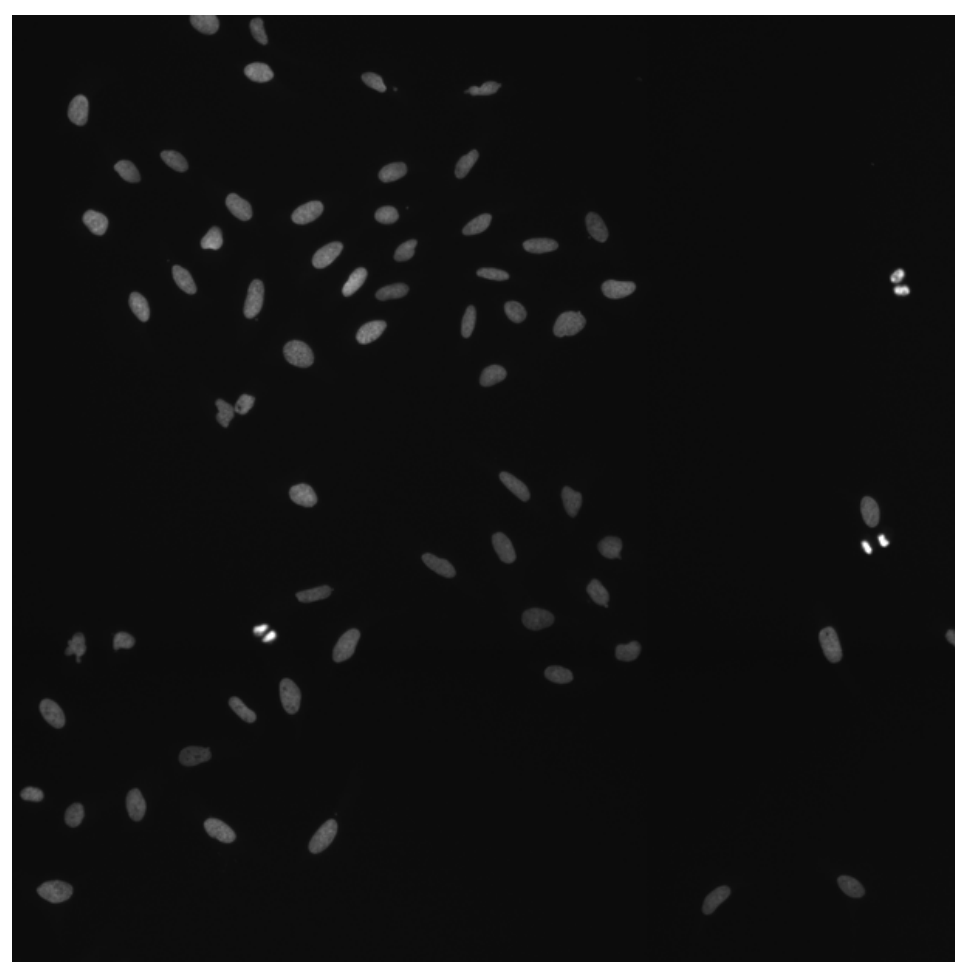
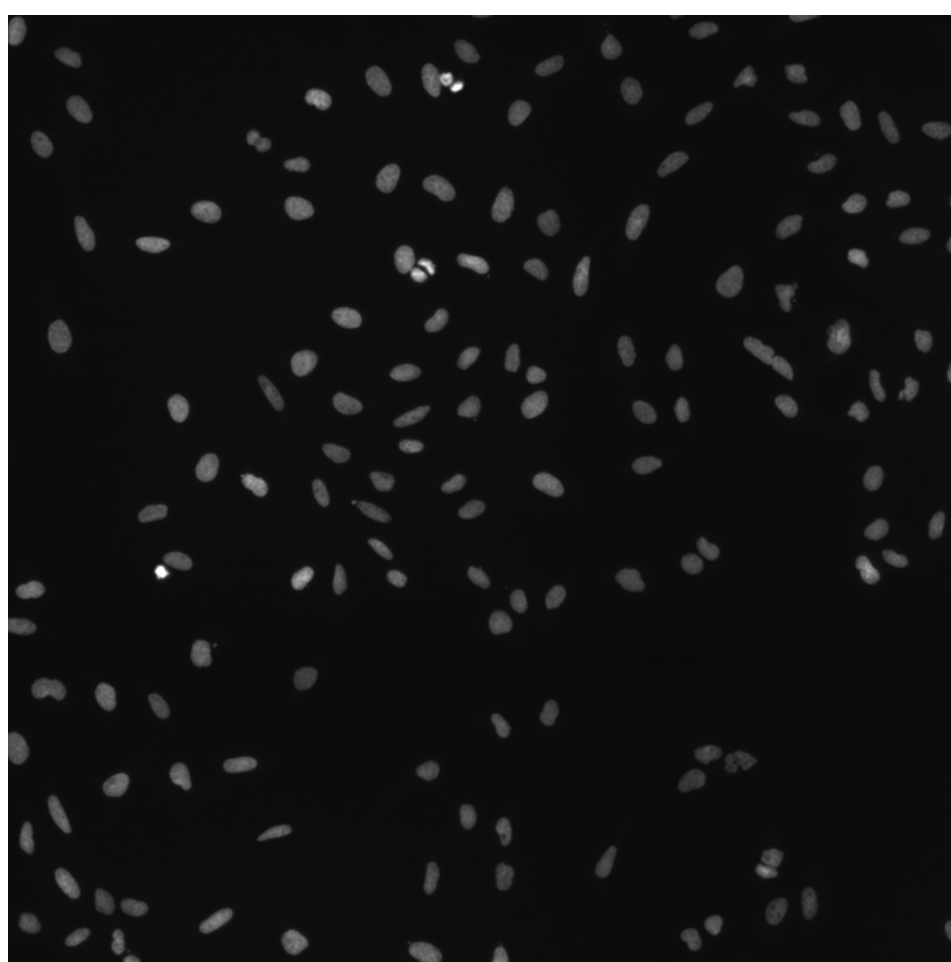
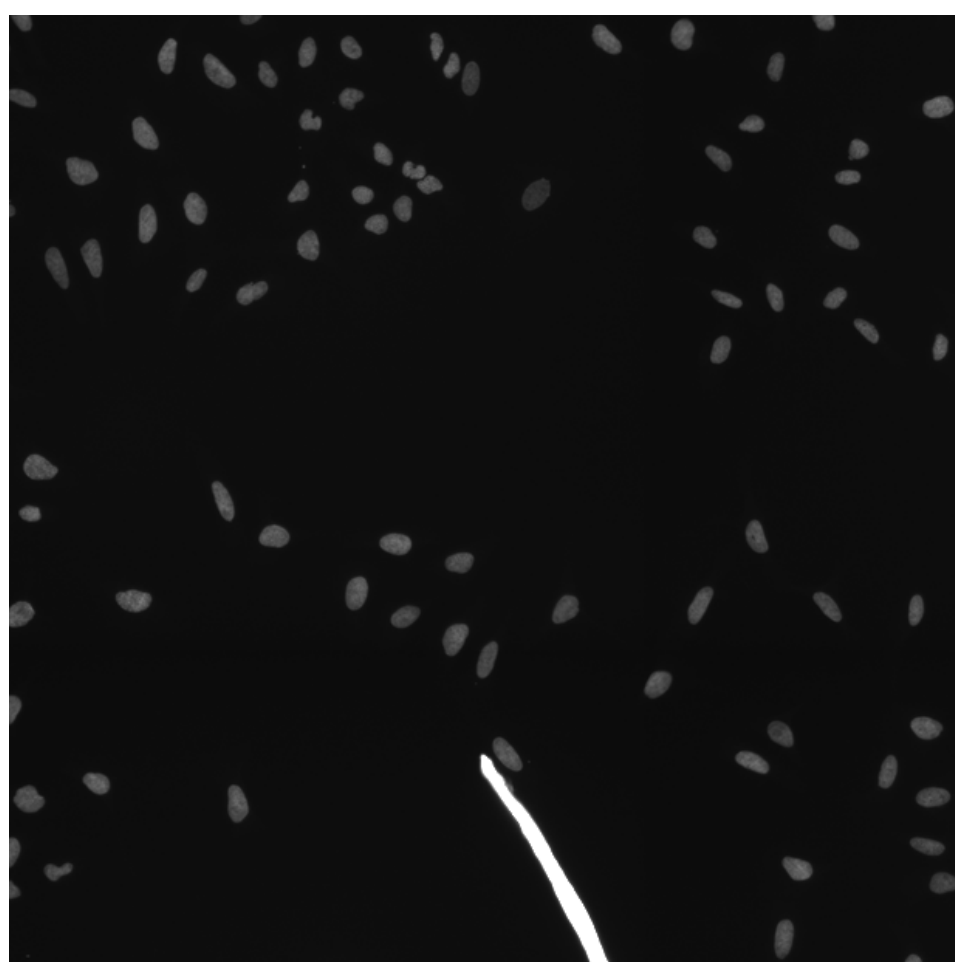
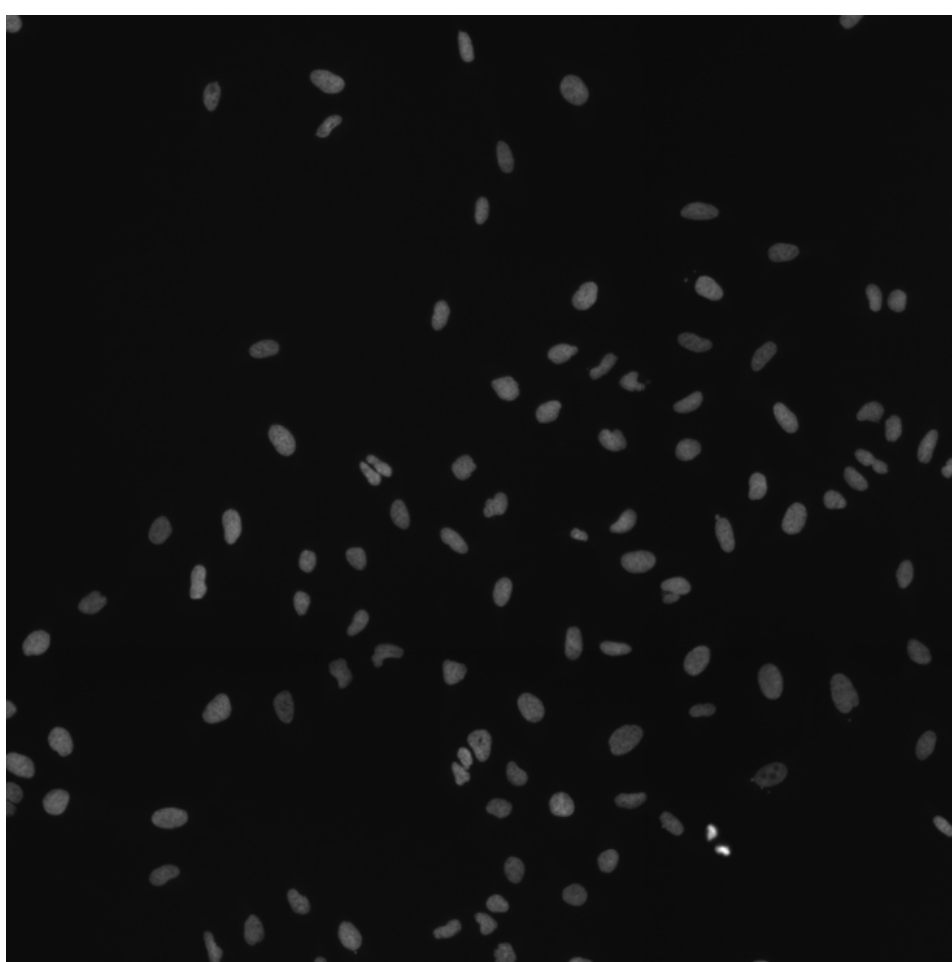
PER1.WT.2 (41757)

PER1.WT.2 (41754)

RNA



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 0.51)	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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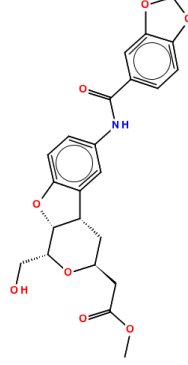
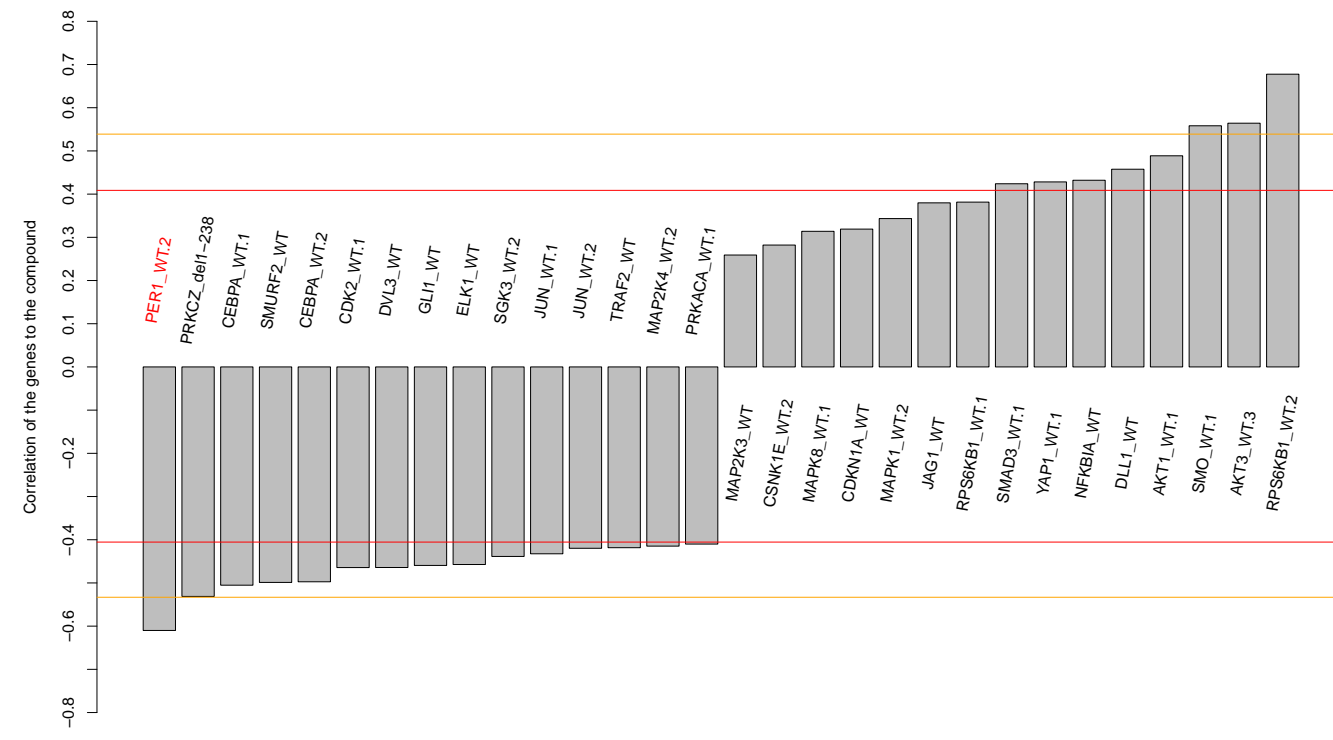
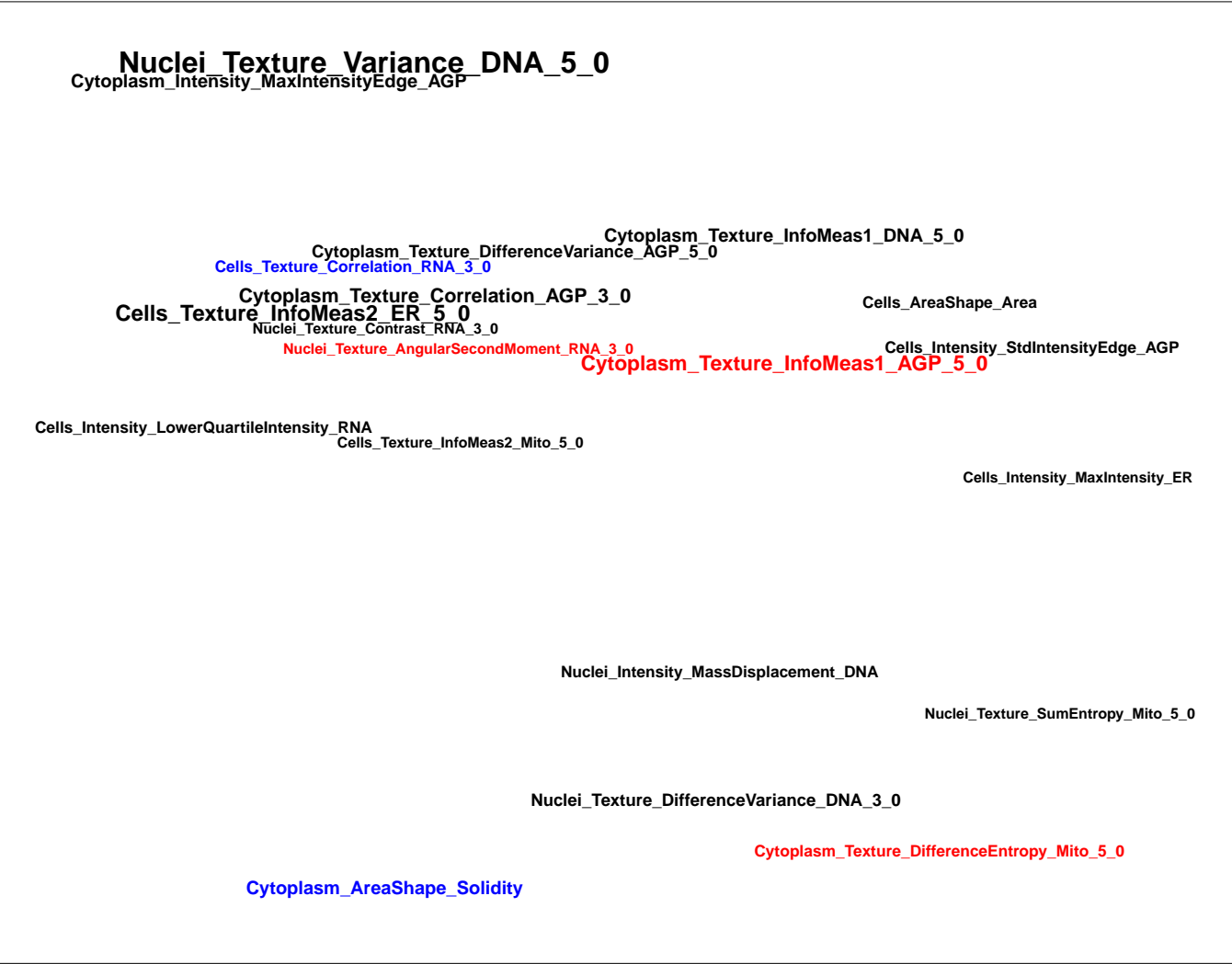
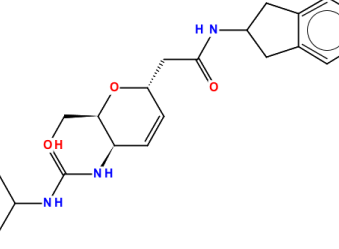
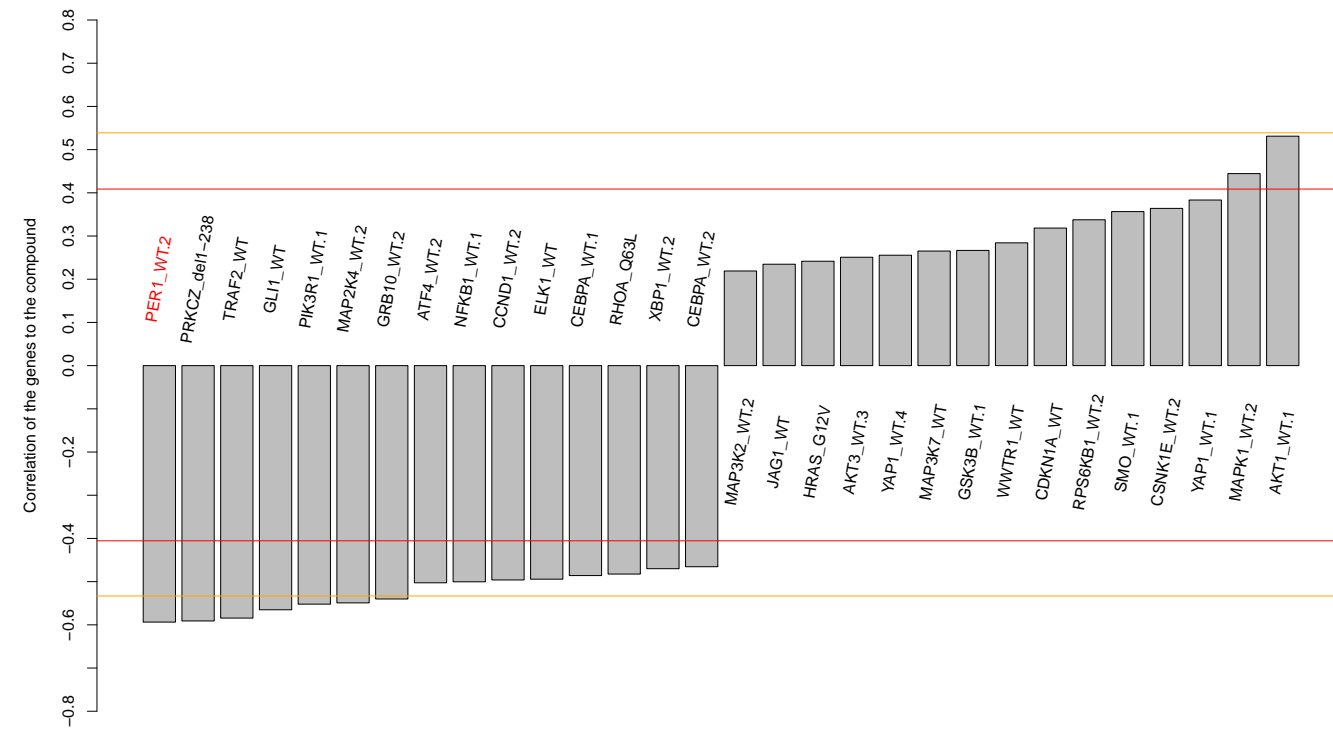
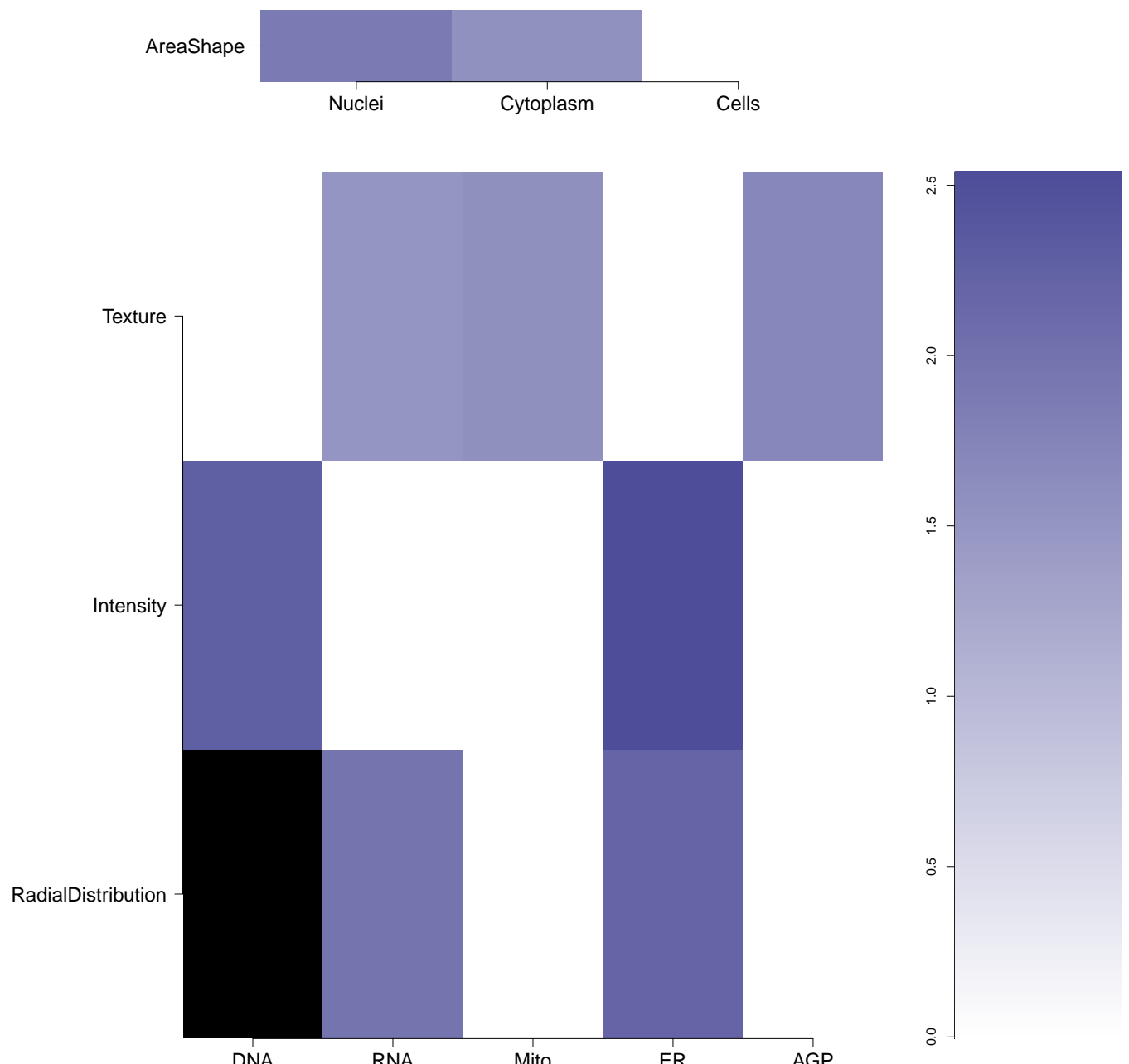
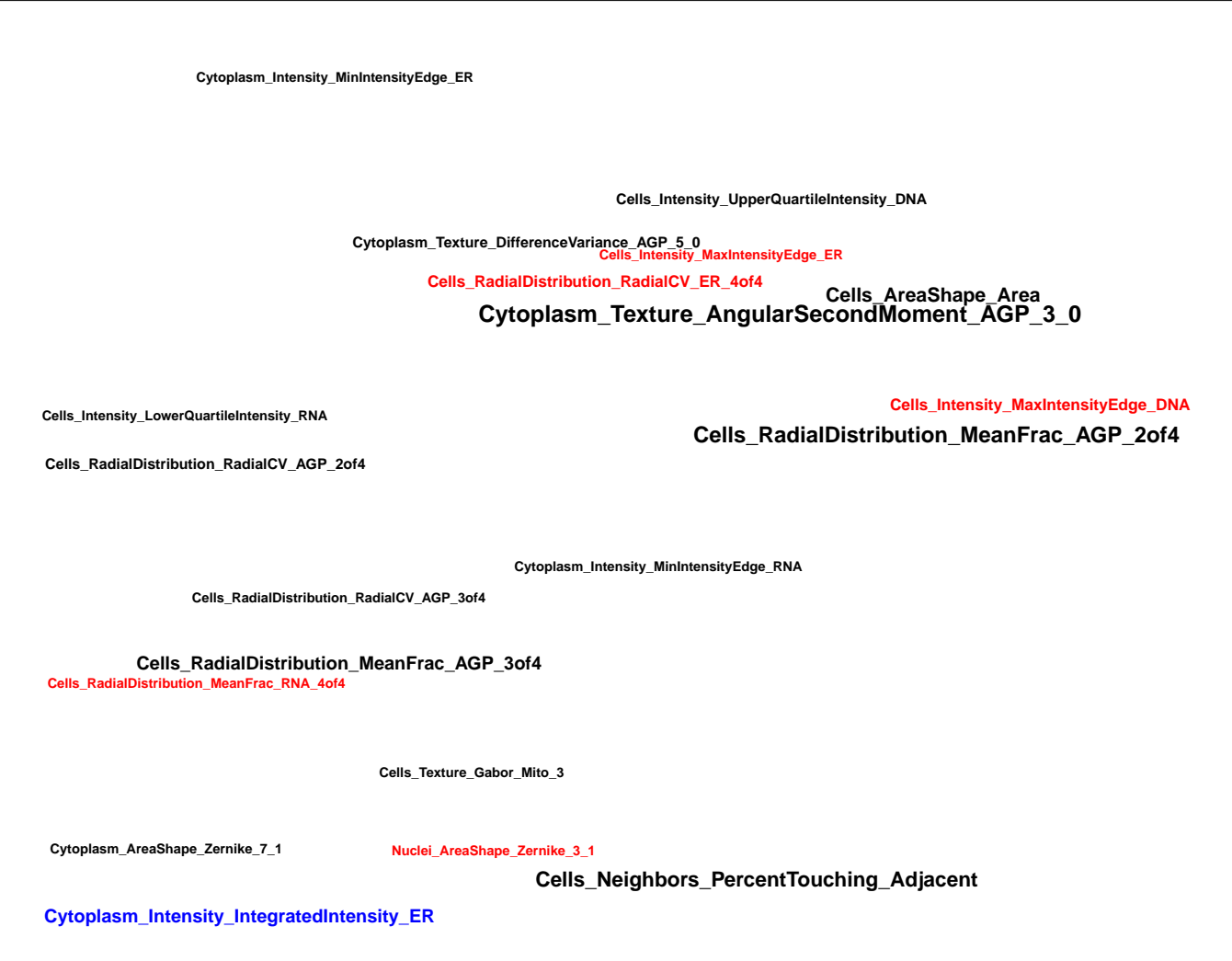
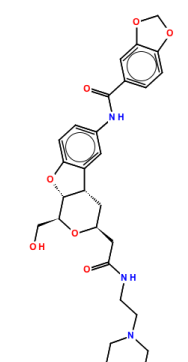
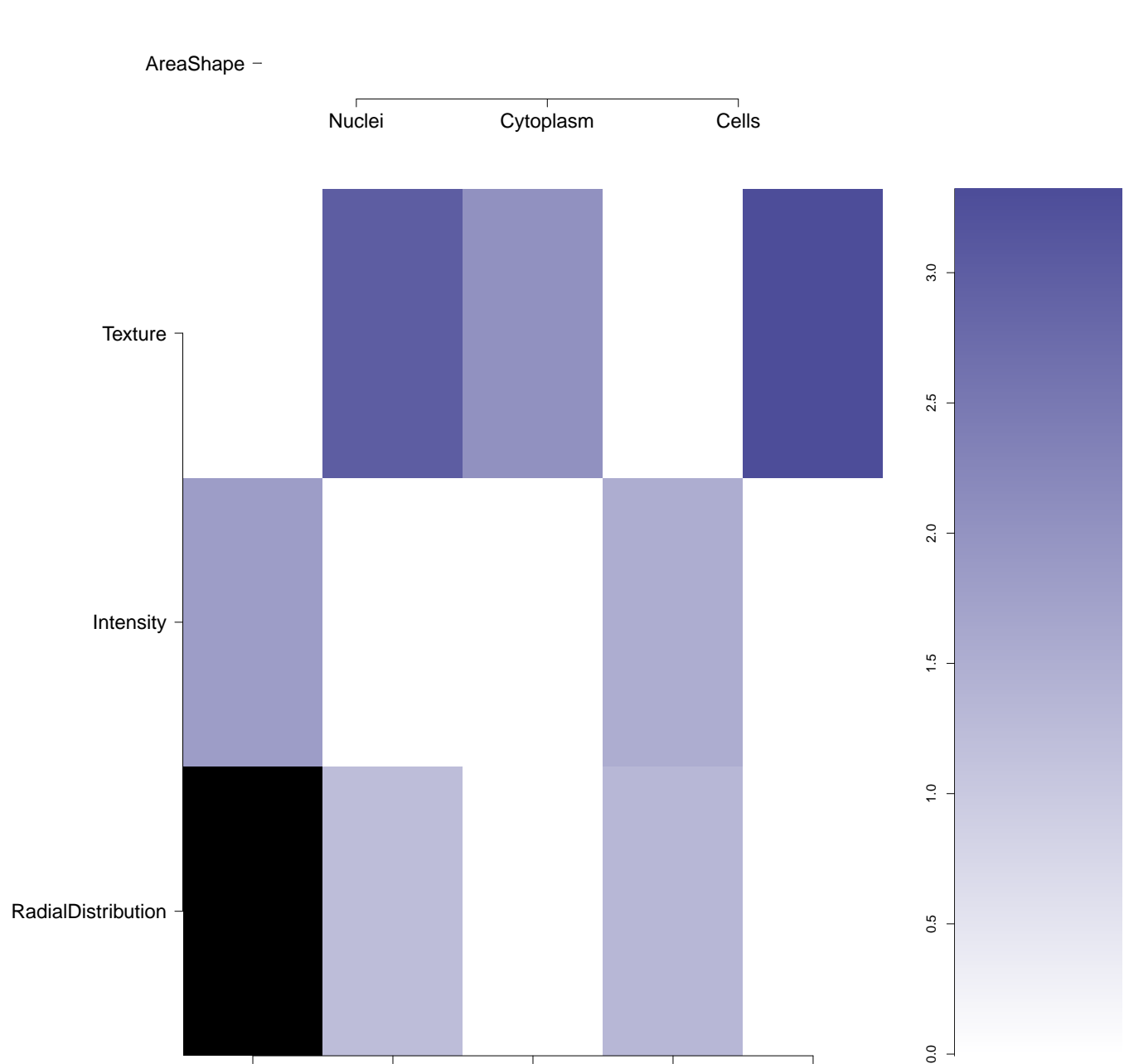
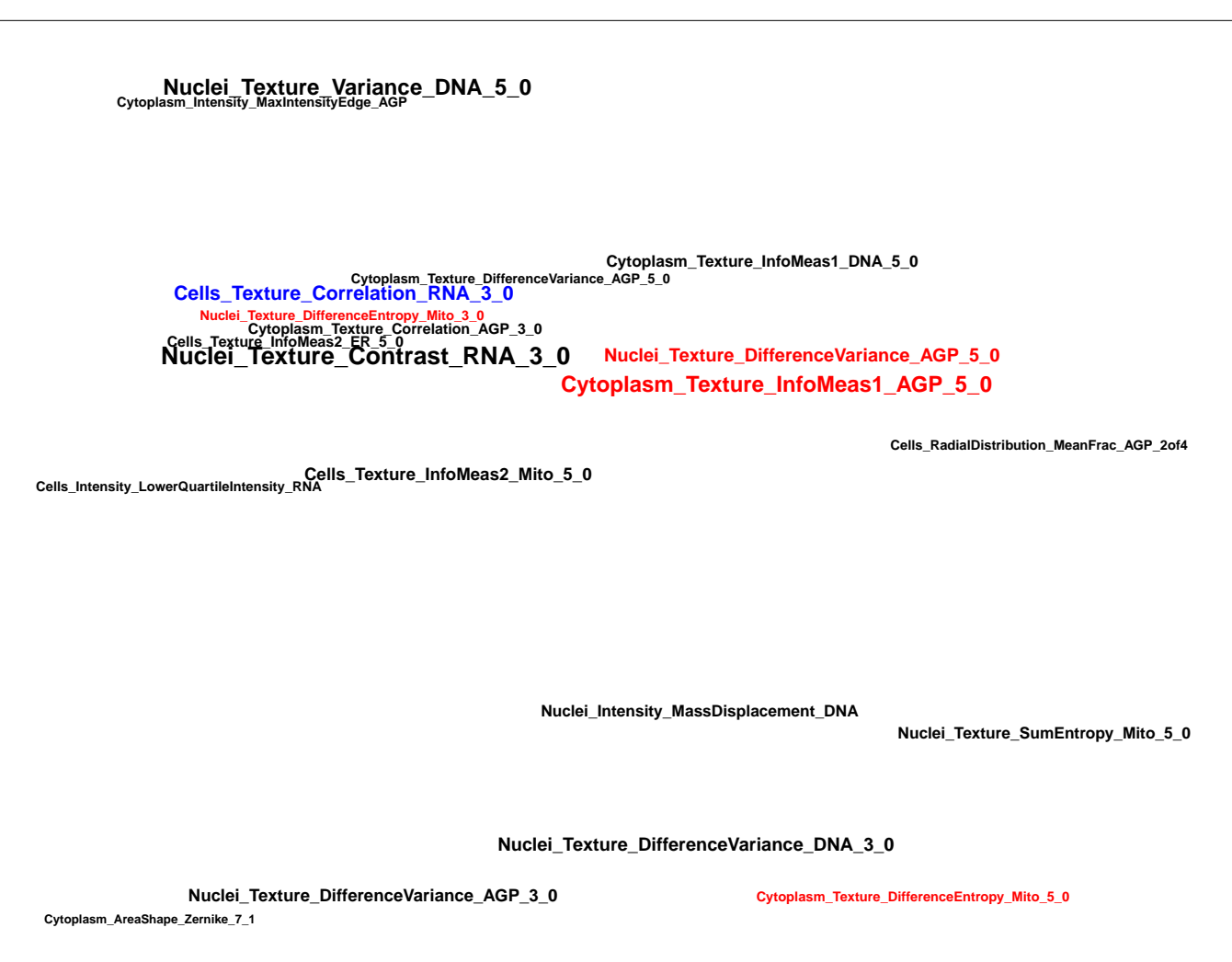
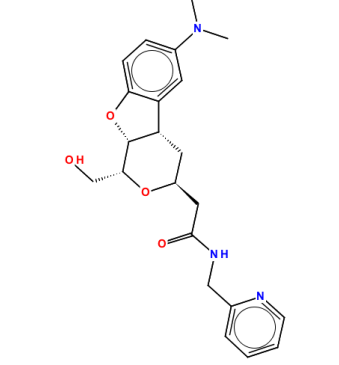
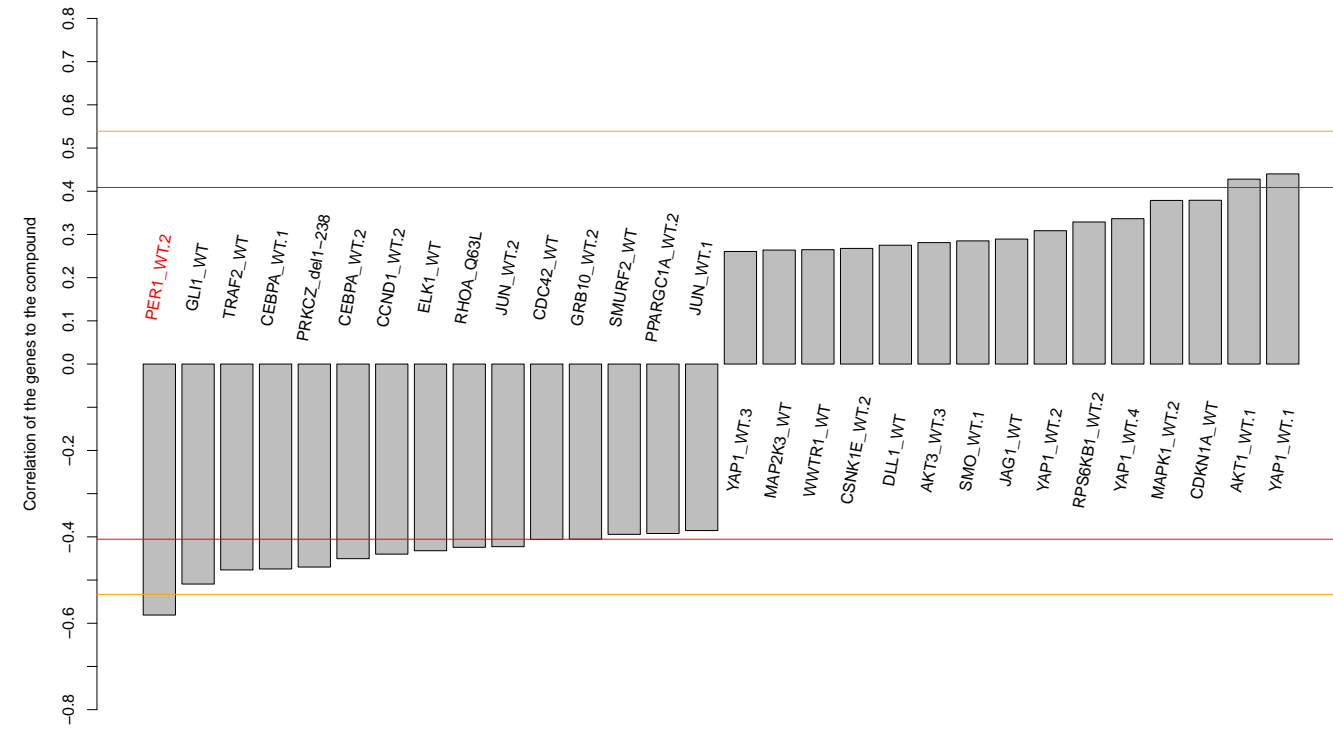
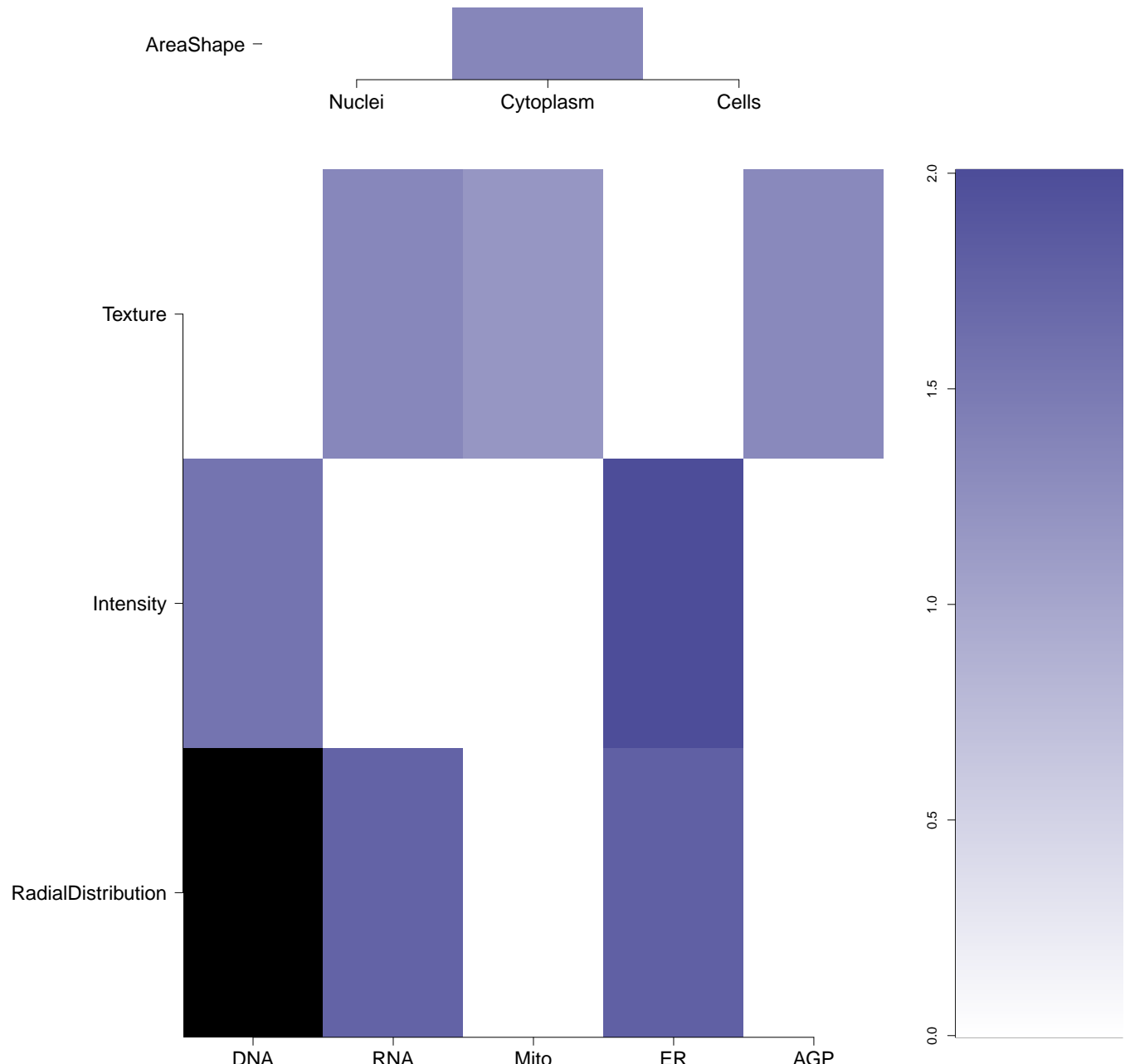

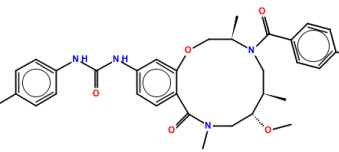
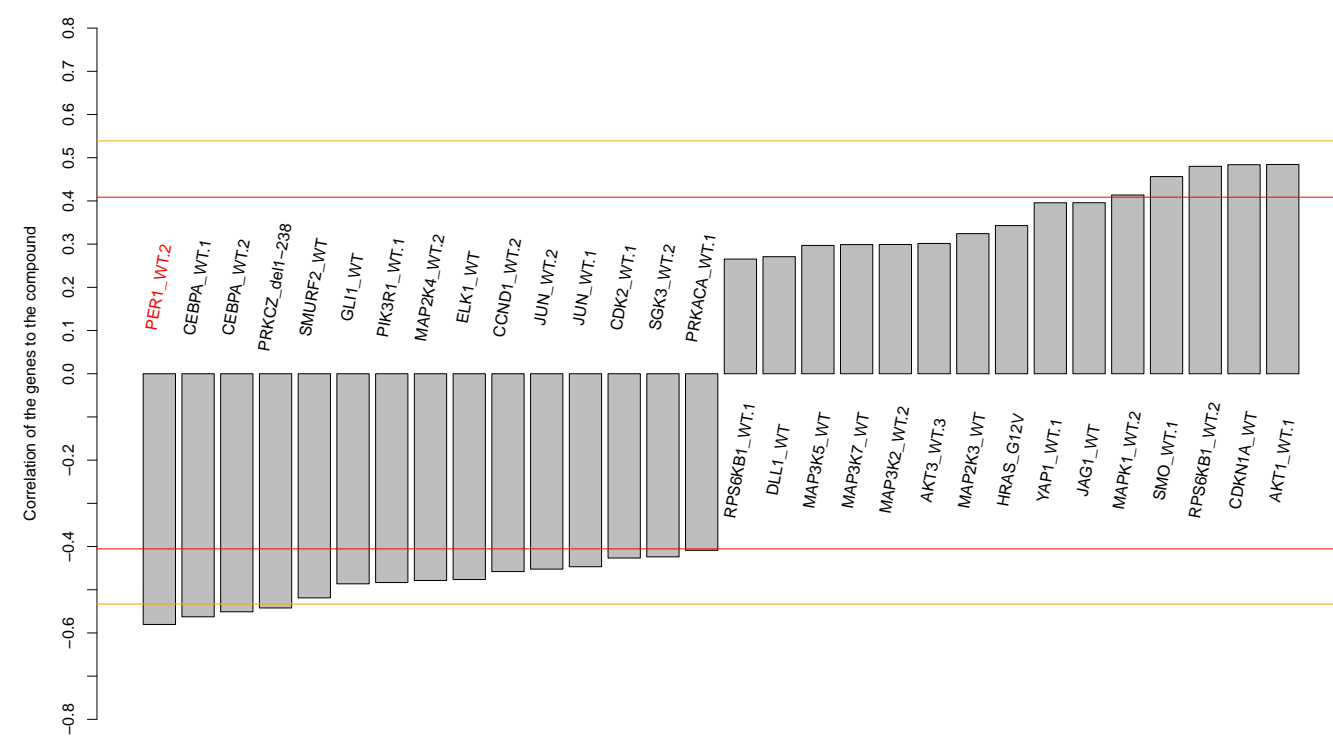
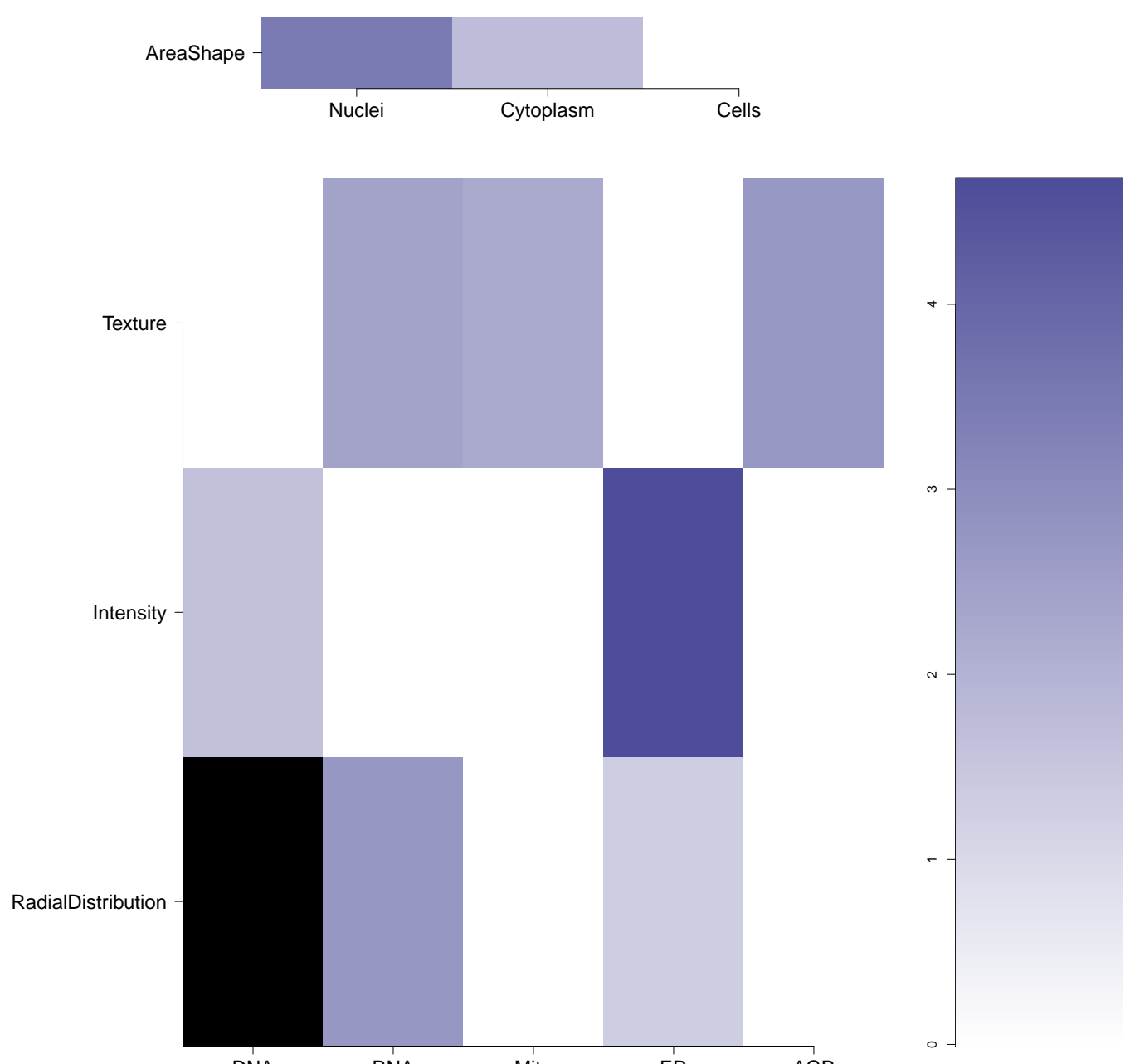

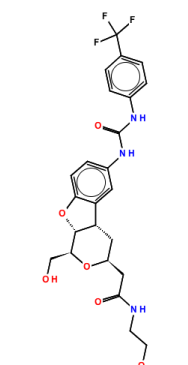
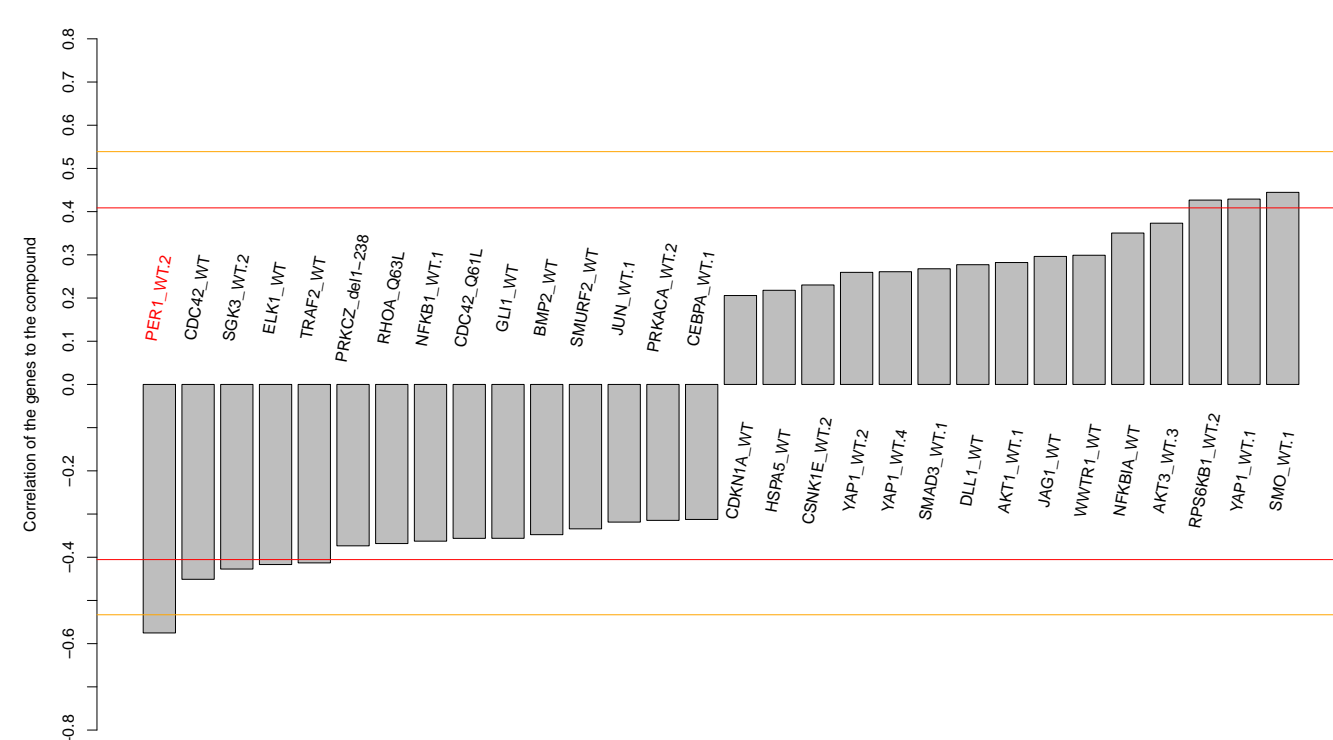
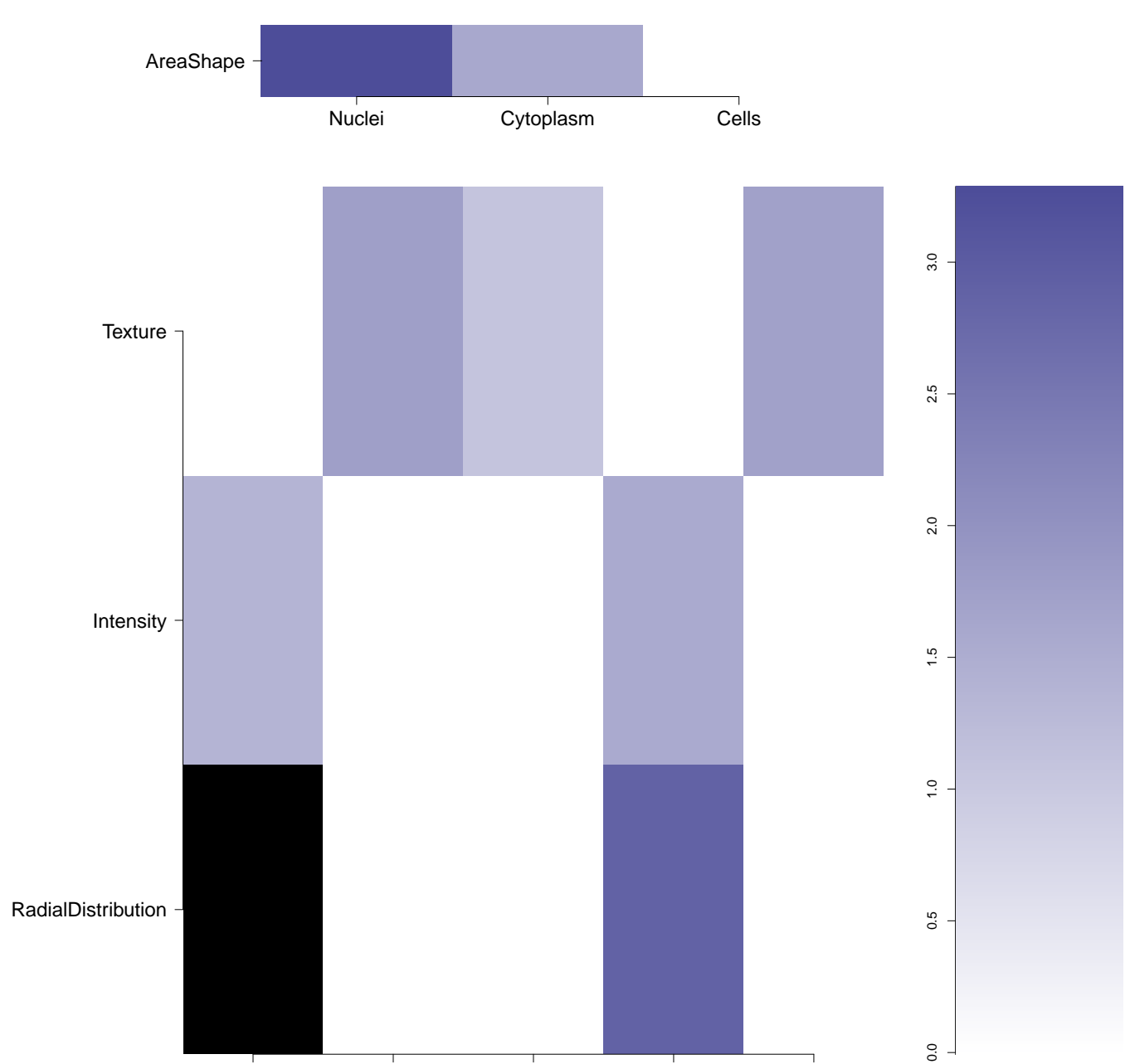
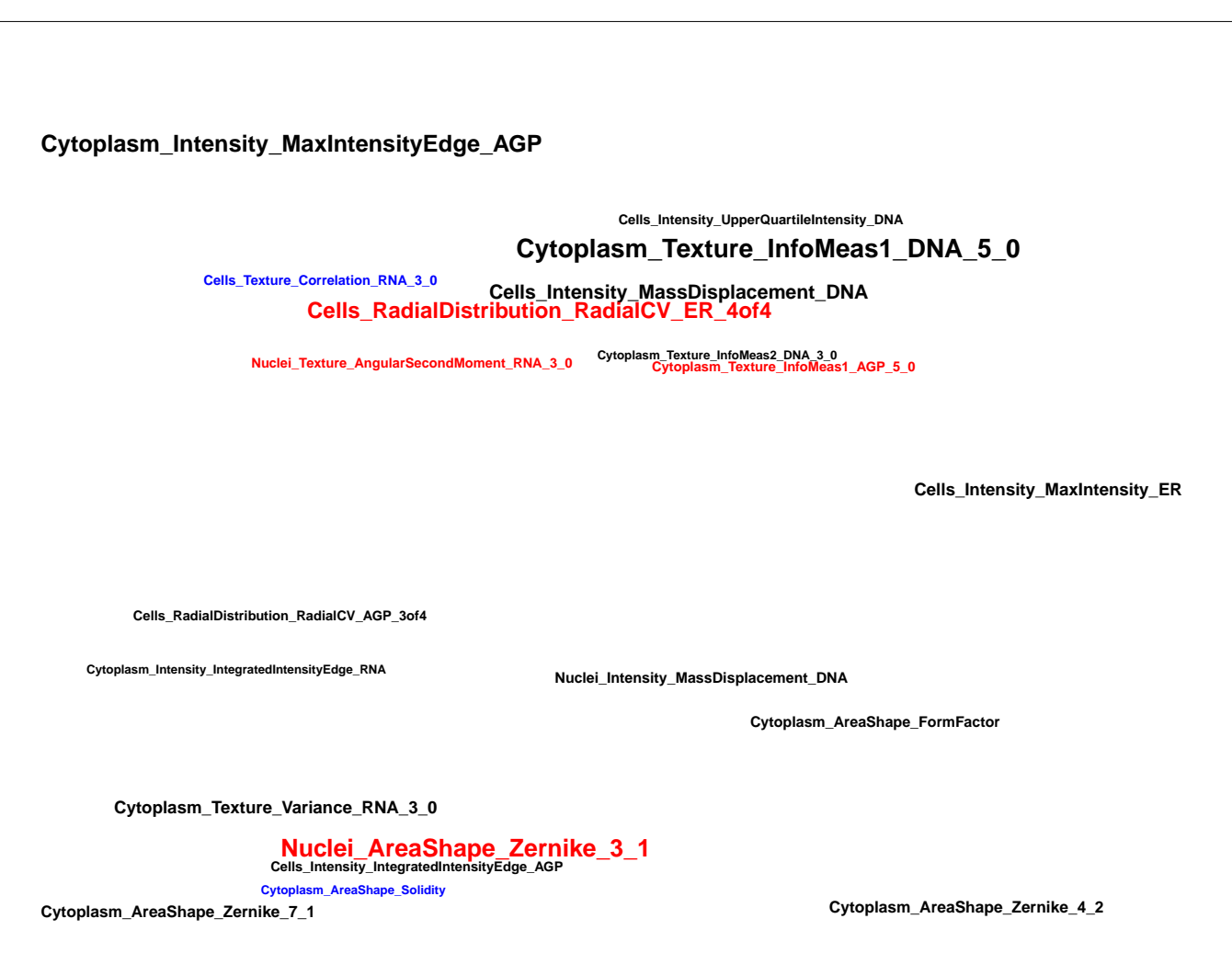


<p>BRD-A70412320-001-05-1</p> <p>MLS000548993</p> <p>AC1LHUWX</p> <p>HMS2420K12</p> <p>STK315937</p> <p>ZINC00375547</p> <p>SMR000115065</p> <p>ST50708646</p> <p>PubChem CID : 844286</p>		<p>0.73 (in 3 replicates)</p>	<p>0.64</p>	<p>NA</p>				<p>Total number of assays tested in: 660. Active in the following assays:</p> <ul style="list-style-type: none"> <li>qHTS Assay for Inhibitors of HPGD (15-Hydroxyprostaglandin Dehydrogenase) (AID 894)</li> <li>Primary cell-based high throughput screening assay to measure STAT1 activation (AID 932)</li> <li>Primary Cell-based High Throughput Screening Assay for Inhibitors of Wecl Degradation (AID 1321)</li> <li>Confirmation Assay for Identification of Novel General Anesthetics (AID 48908)</li> <li>Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483)</li> </ul>
<p>BRD-K04749191-001-02-8</p> <p>MLS003129104</p> <p>SMR001833550</p> <p>PubChem CID : 44486960</p>		<p>0.85 (in 3 replicates)</p>	<p>0.64</p>	<p>0.372</p>				<p>Total number of assays tested in: 88.</p>
<p>BRD-K54881917-001-01-3</p> <p>PubChem CID : 54632606</p>		<p>0.72 (in 4 replicates)</p>	<p>0.63</p>	<p>0.650</p>				<p>Total number of assays tested in: 35.</p>
<p>BRD-K18653300-001-05-7</p> <p>F0630-0914</p> <p>AC1MMPNX</p> <p>SMR000026740</p> <p>MLS000045136</p> <p>HMS2315O06</p> <p>ZINC4077557</p> <p>ZINC04077557</p> <p>PubChem CID : 3242469</p>		<p>0.73 (in 2 replicates)</p>	<p>0.62</p>	<p>NA</p>				<p>Total number of assays tested in: 739. Active in the following assays:</p> <ul style="list-style-type: none"> <li>Factor Xla Mixture HTS (AID 680)</li> <li>HTS Assay for Allosteric Agonists of the Human D2 Dopamine Receptor: Primary Screen for Agonists (AID 485358)</li> </ul>
<p>BRD-K61416896-001-01-4</p> <p>PubChem CID : 54646590</p>		<p>0.83 (in 4 replicates)</p>	<p>0.61</p>	<p>0.784</p>				<p>Total number of assays tested in: 37.</p>
<p>BRD-K65077386-001-01-7</p> <p>PubChem CID : 54646151</p>		<p>0.79 (in 4 replicates)</p>	<p>0.61</p>	<p>0.650</p>				<p>Total number of assays tested in: 41.</p>
<p>BRD-K68732617-001-01-5</p> <p>PubChem CID : 54640466</p>		<p>0.86 (in 4 replicates)</p>	<p>0.61</p>	<p>0.888</p>				<p>Total number of assays tested in: 36.</p>







BRD-K82204596-001-01-2 PubChem CID : 54645805		NA (in 1 replicates)	-0.61	0.809				Total number of assays tested in: 40.
BRD-K26038019-001-01-2 PubChem CID : 54638508		0.81 (in 4 replicates)	-0.59	0.350				Total number of assays tested in: 34.
BRD-K06804050-001-01-1 PubChem CID : 54646015		NA (in 1 replicates)	-0.58	0.615				Total number of assays tested in: 41.
BRD-K74823284-001-01-6 PubChem CID : 54646361		0.63 (in 4 replicates)	-0.58	0.725				Total number of assays tested in: 40.
BRD-K43142490-001-01-9 PubChem CID : 54633989		0.75 (in 3 replicates)	-0.58	NA				Total number of assays tested in: 42. Active in the following assays: <ul style="list-style-type: none"><li>Identification of agents that induce E-selectin on human endothelial cells Measured in Cell-Based System Using Imaging - 2152-01.Activator.SinglePoint.HTS Activity (AID 686992)</li><li>Identification of agents that induce E-selectin on human endothelial cells Measured in Cell-Based System Using Imaging - 2152-01.Inhibitor.Dose.CherryPick.Activity (AID 977605)</li><li>Plasmodium falciparum Dd2 Sybr green parasite growth Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2153-05.Inhibitor.Dose.CherryPick.Activity (AID 1159567)</li></ul>
BRD-K11454759-001-01-2 PubChem CID : 54646501		0.74 (in 4 replicates)	-0.58	0.291				Total number of assays tested in: 53. Active in the following assays: <ul style="list-style-type: none"><li>Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01.Inhibitor.SinglePoint.HTS.Activity (AID 624255)</li><li>HTS for PAX8 inhibitors using PAX8 luciferase reporter gene assay in RMG-1 cells Measured in Cell-Based System Using Plate Reader - 7054-01.Inhibitor.SinglePoint.HTS Activity (AID 652134)</li><li>HTS for PAX8 inhibitors using PAX8 luciferase reporter gene assay in RMG-1 cells Measured in Cell-Based System Using Plate Reader - 7054-01.Inhibitor.Dose.CherryPick.Activity (AID 687027)</li></ul>