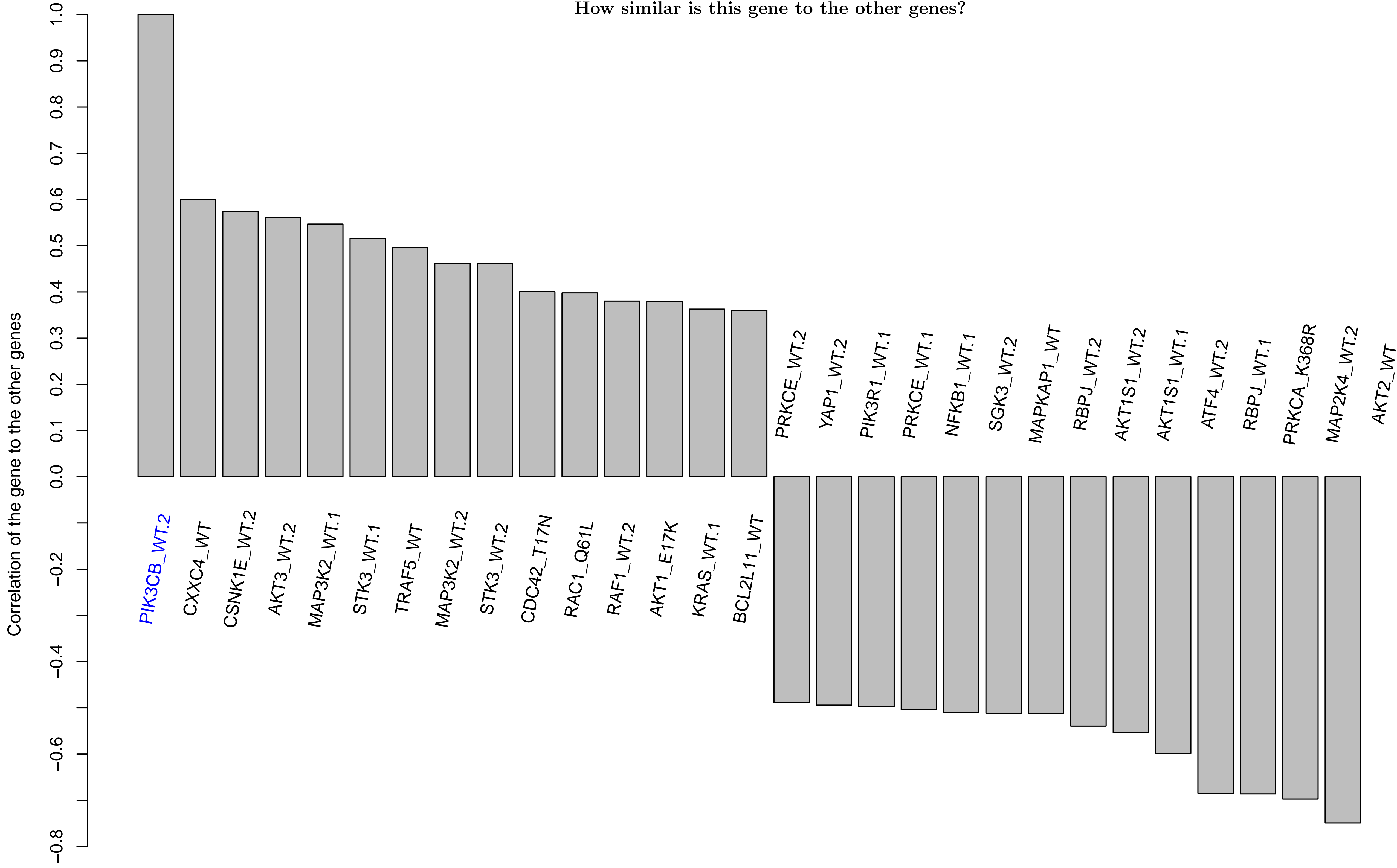
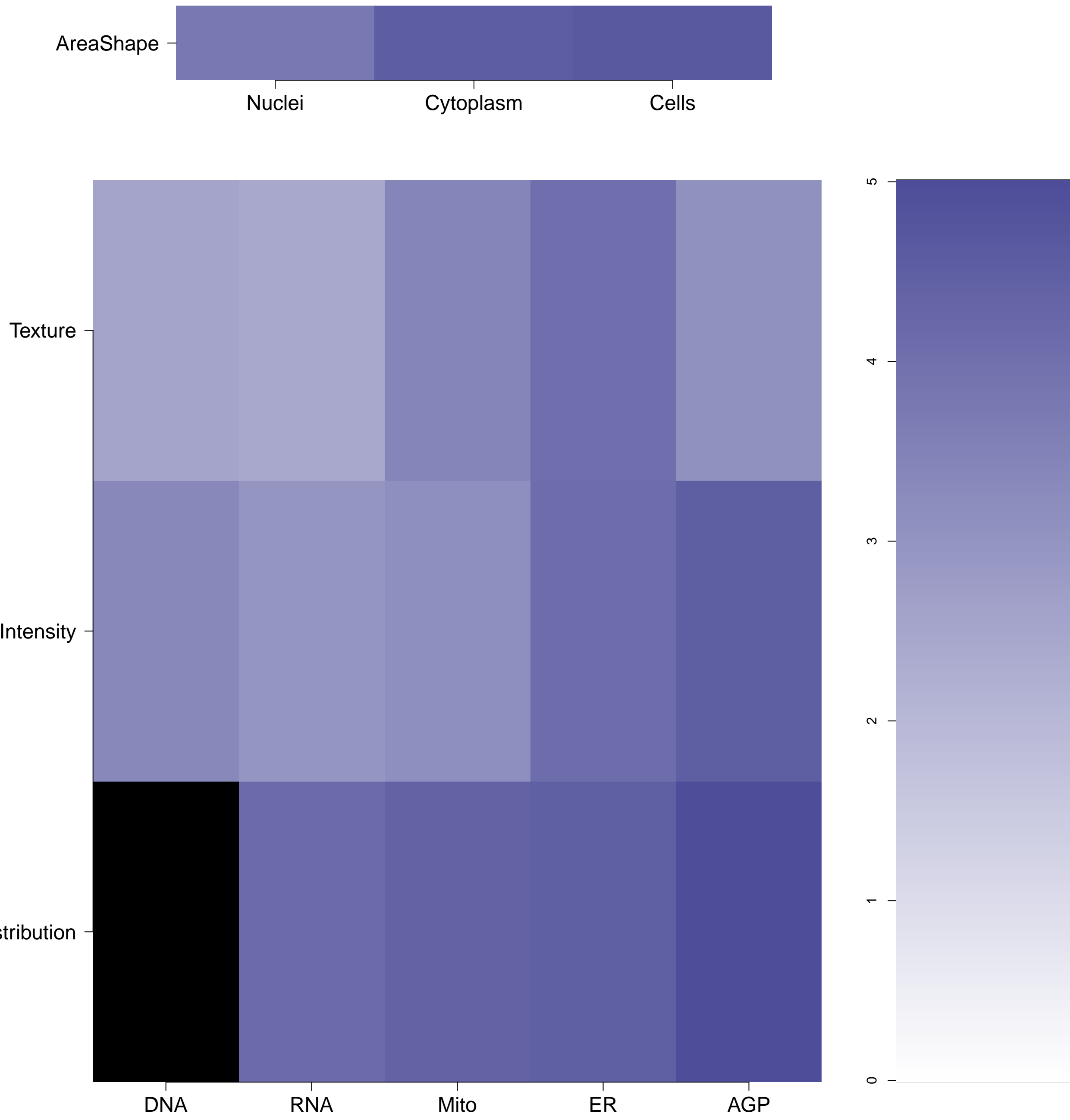


PIK3CB.WT.2 - in Canonical PI3K/AKT

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

PIK3CB.WT.2 (41744)

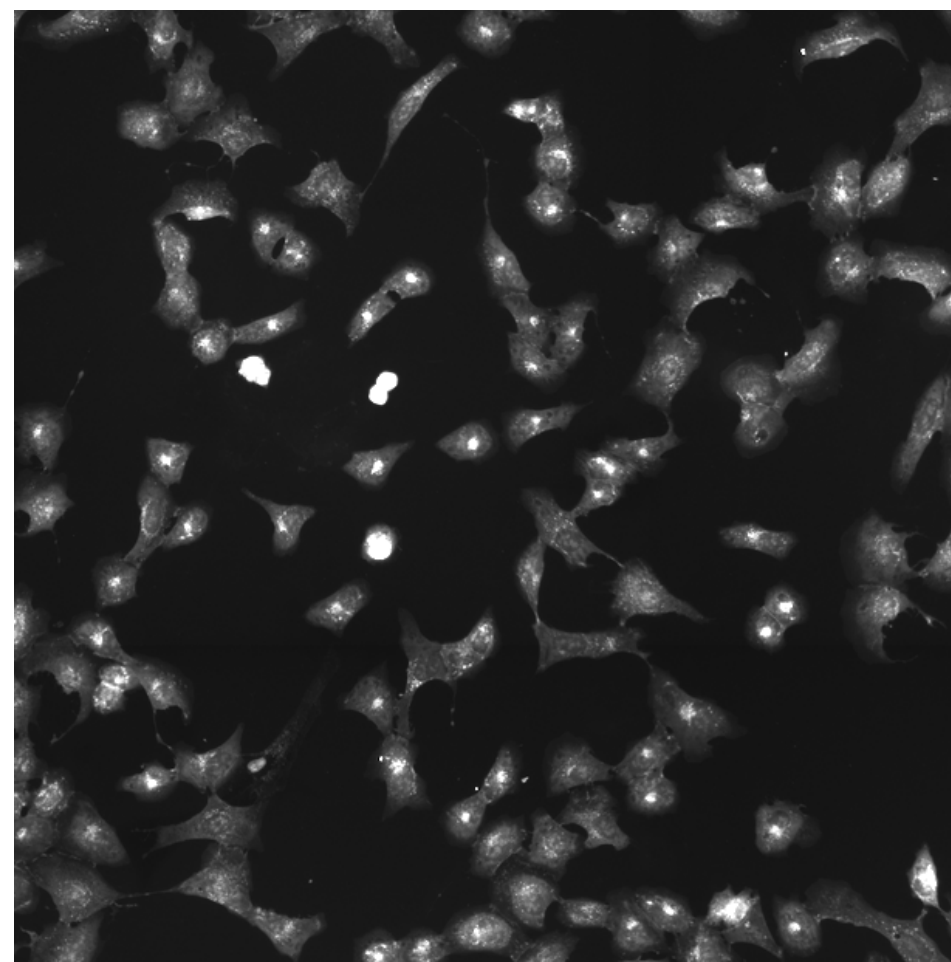
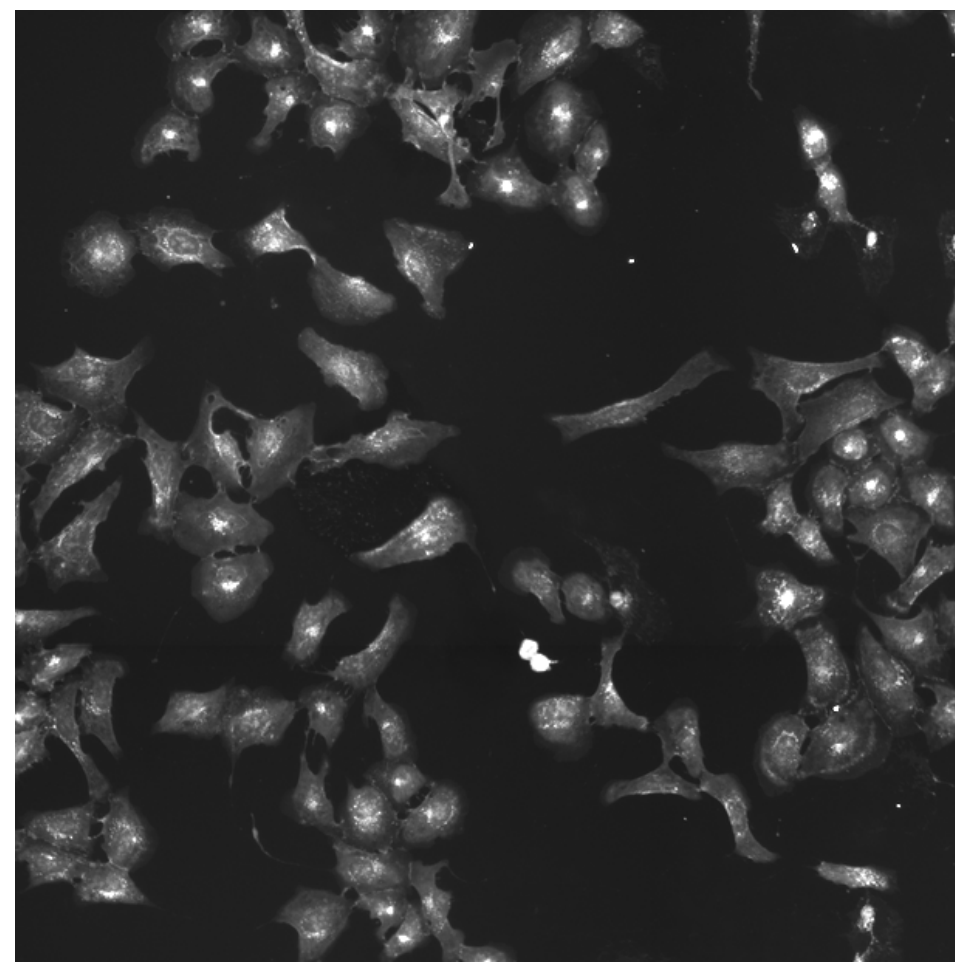
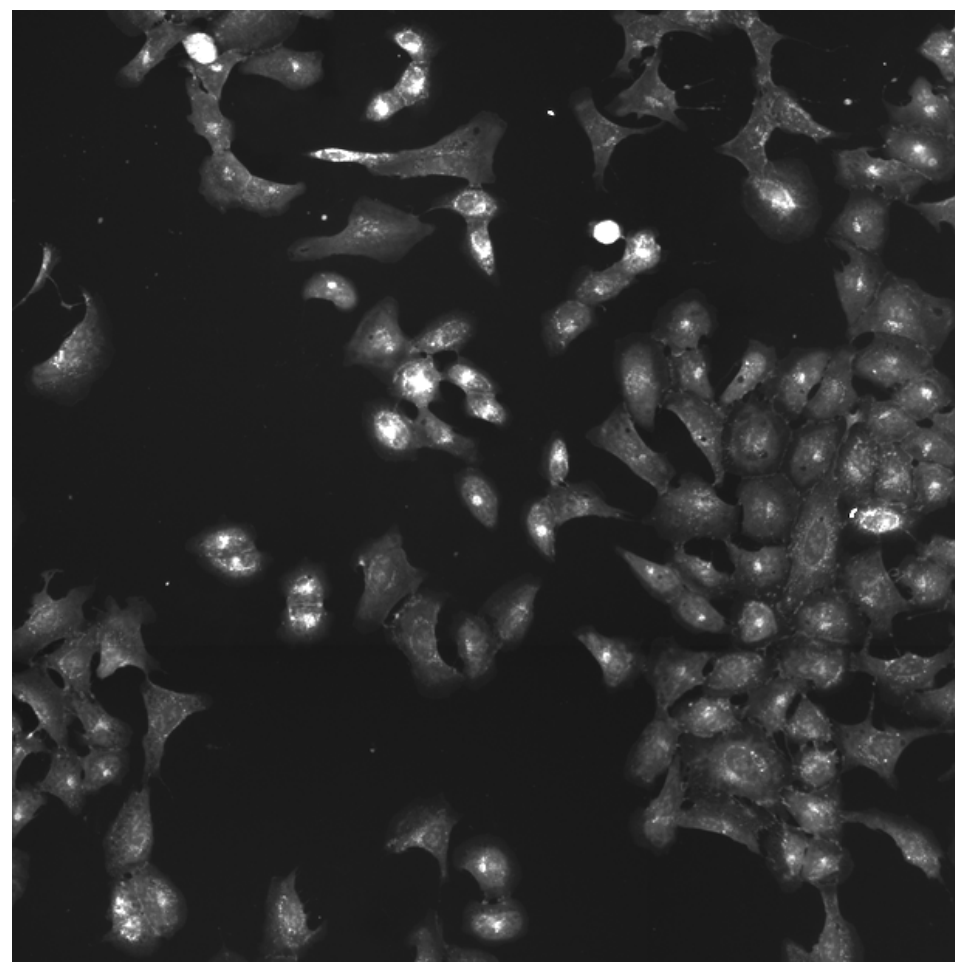
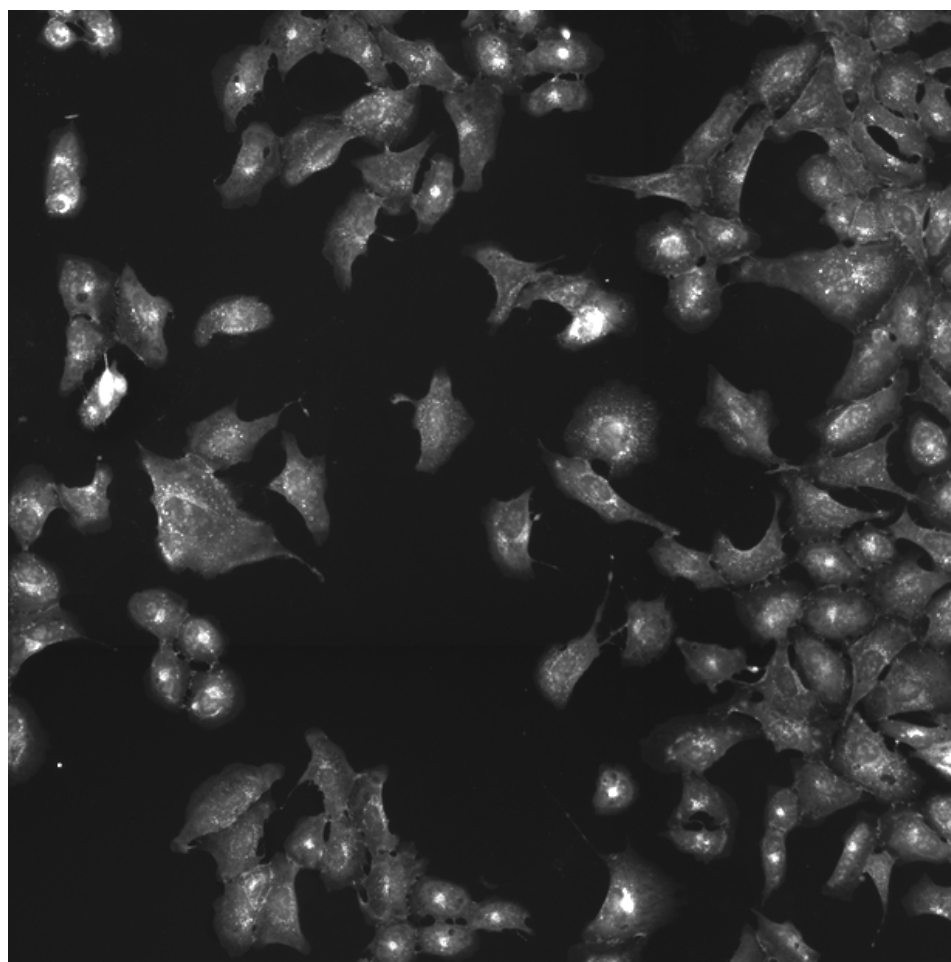
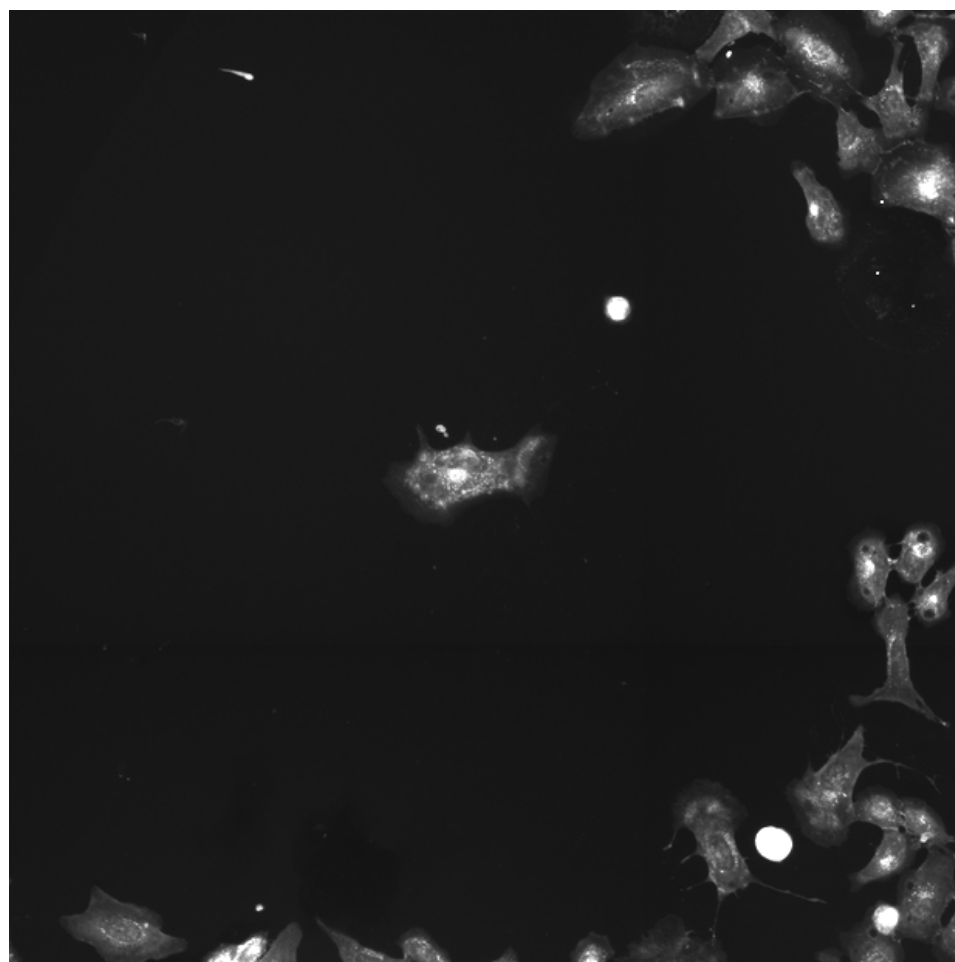
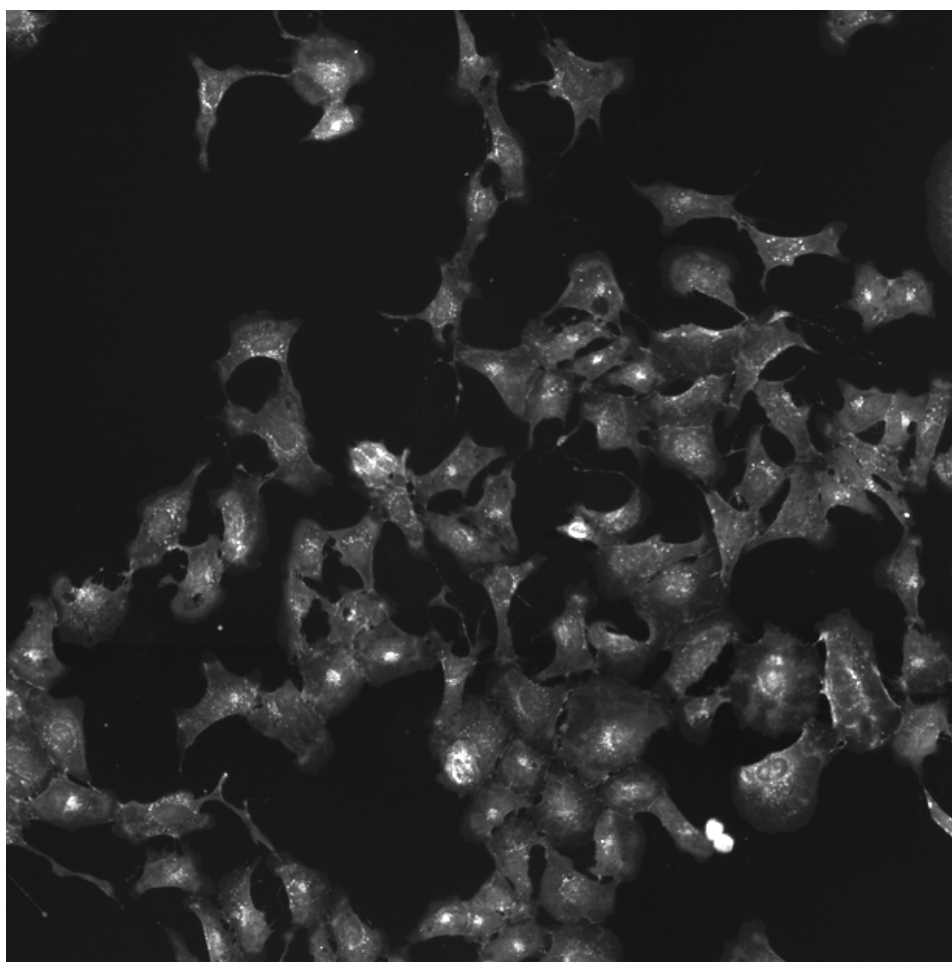
PIK3CB.WT.2 (41755)

PIK3CB.WT.2 (41756)

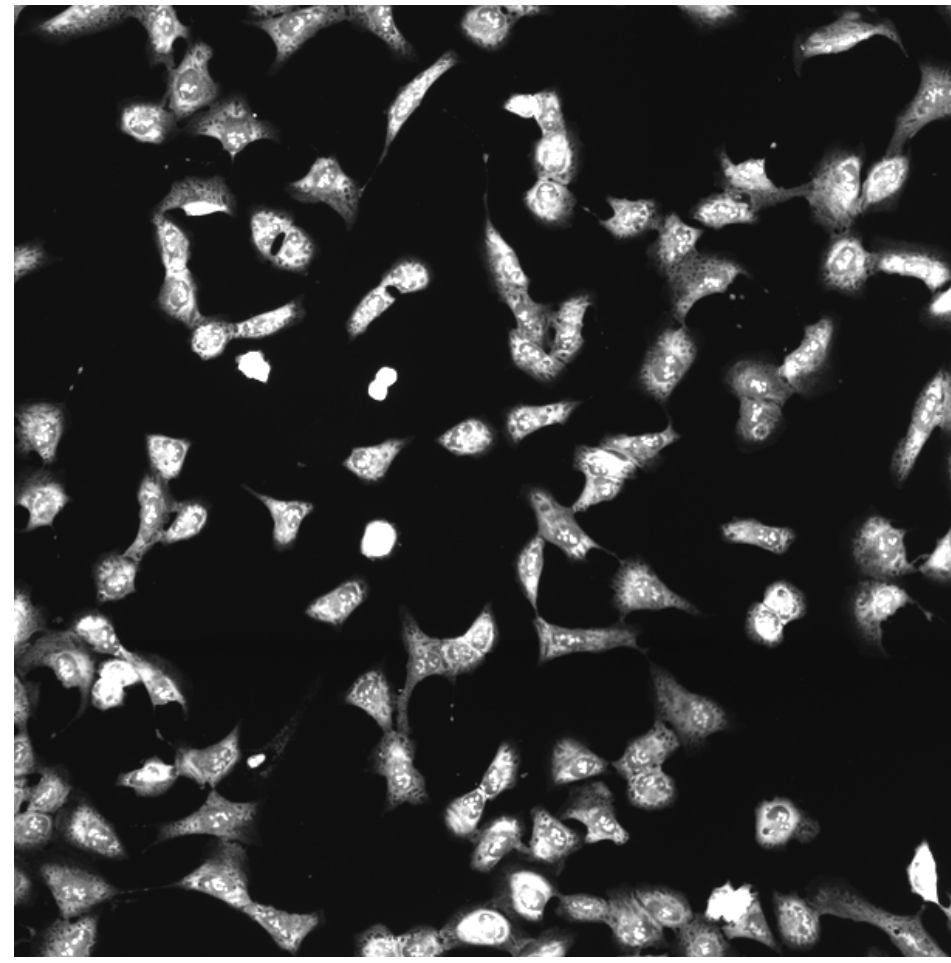
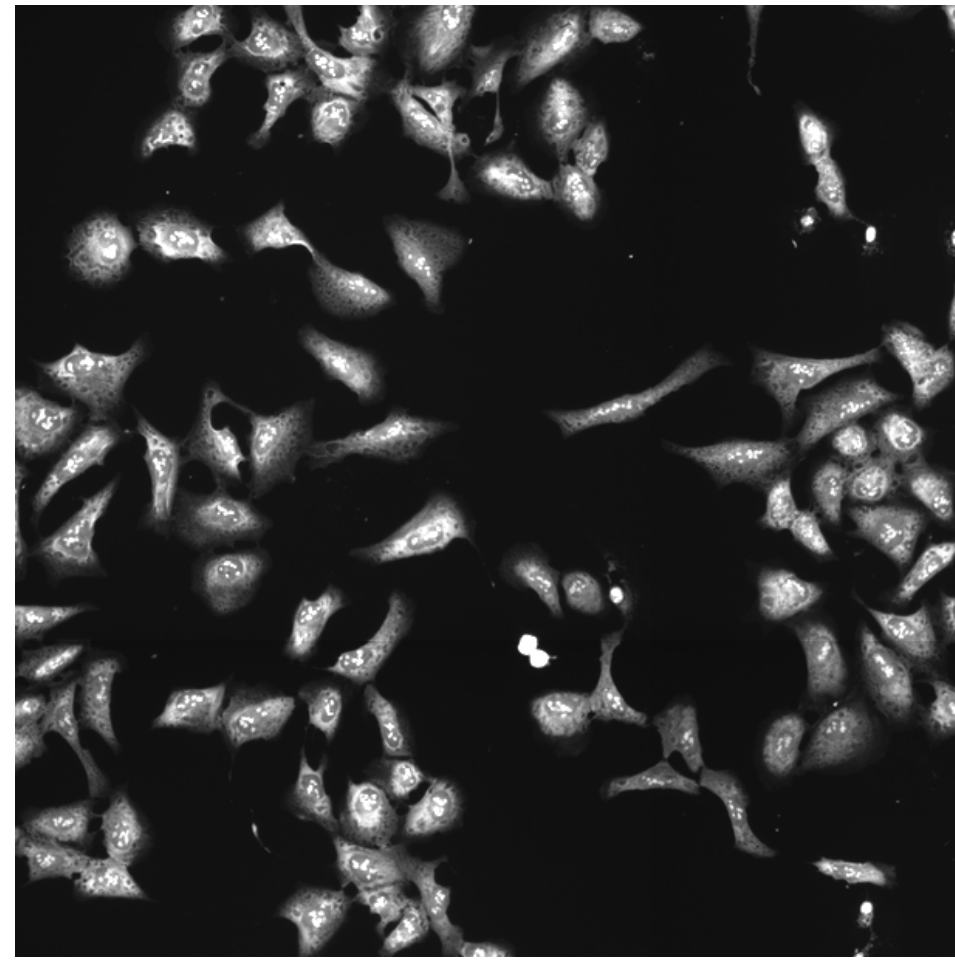
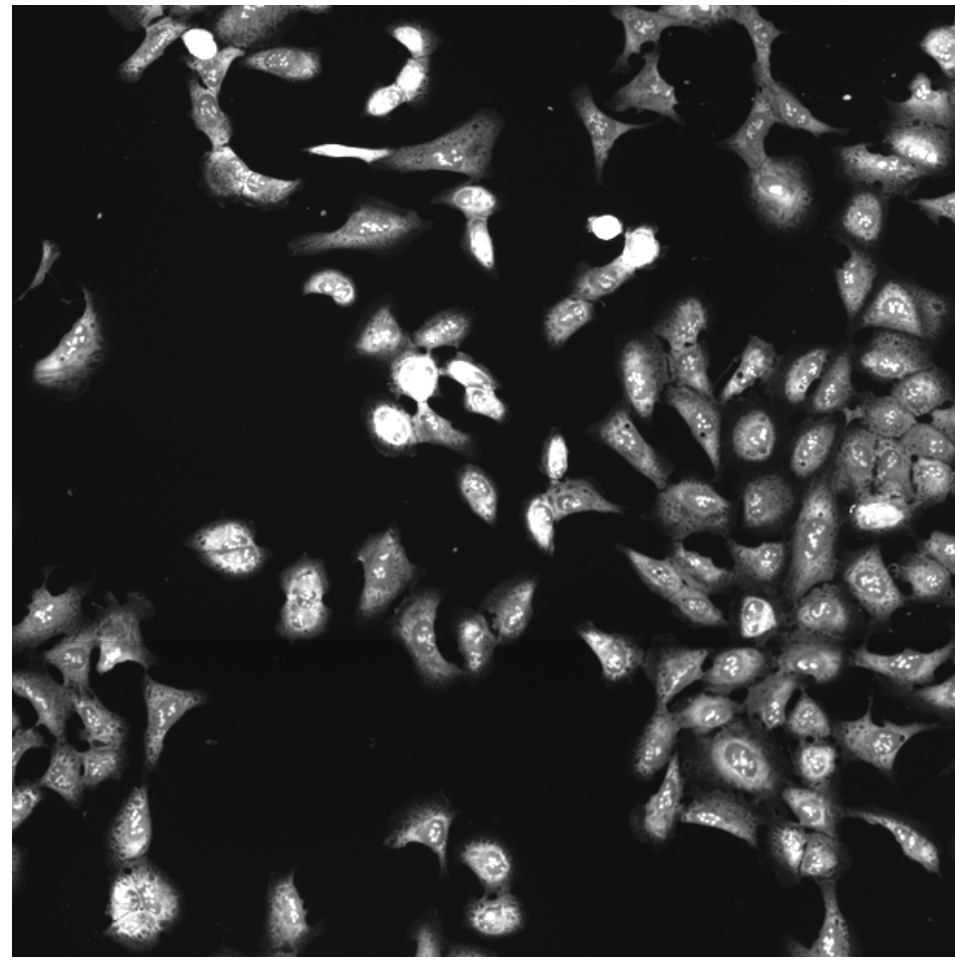
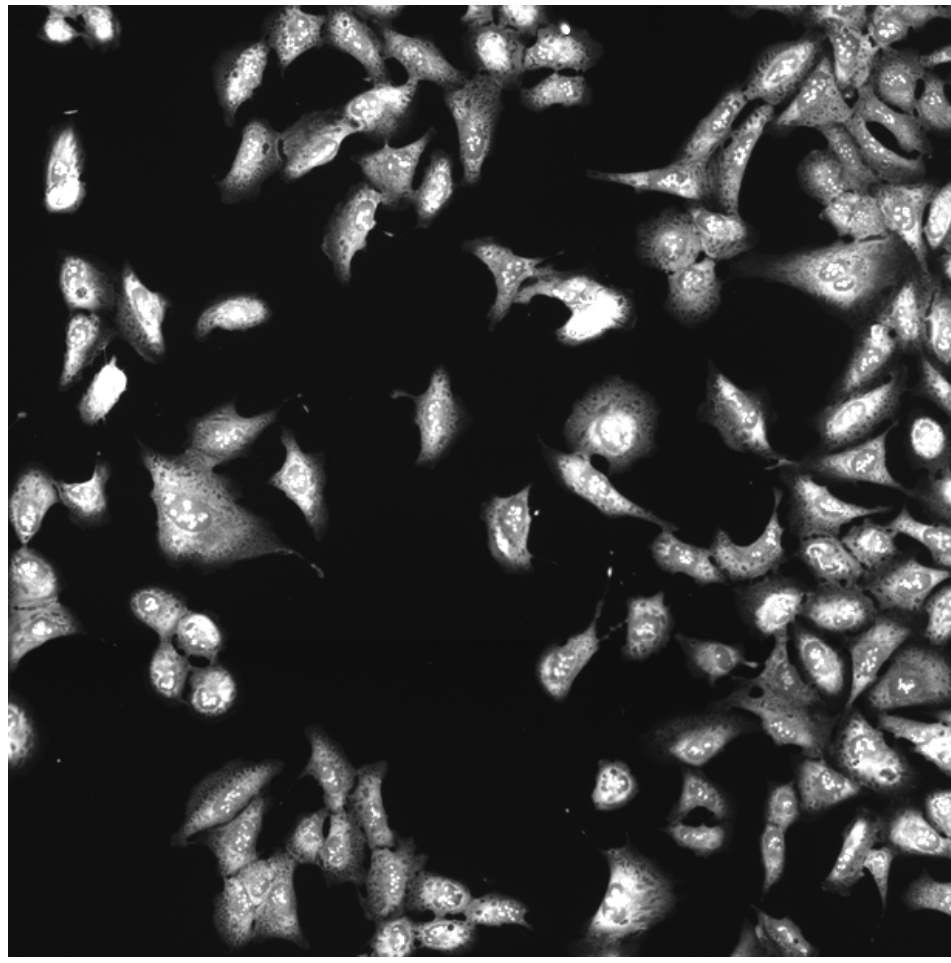
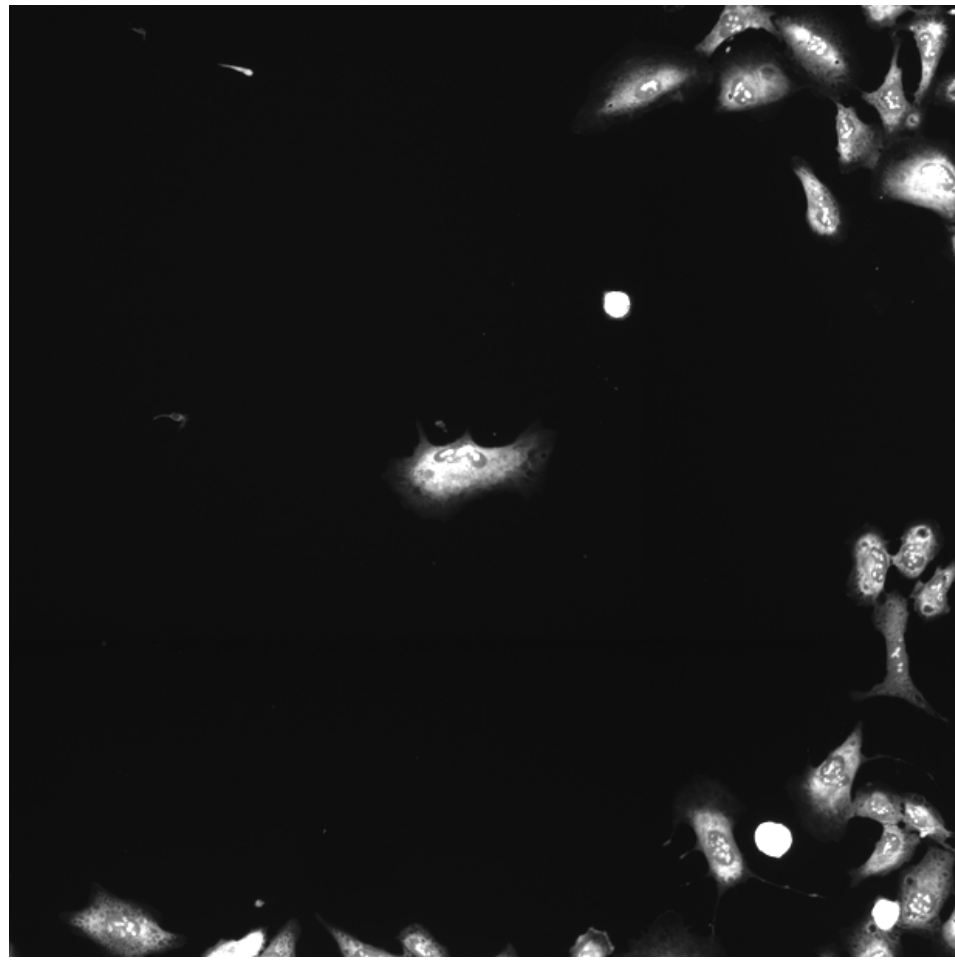
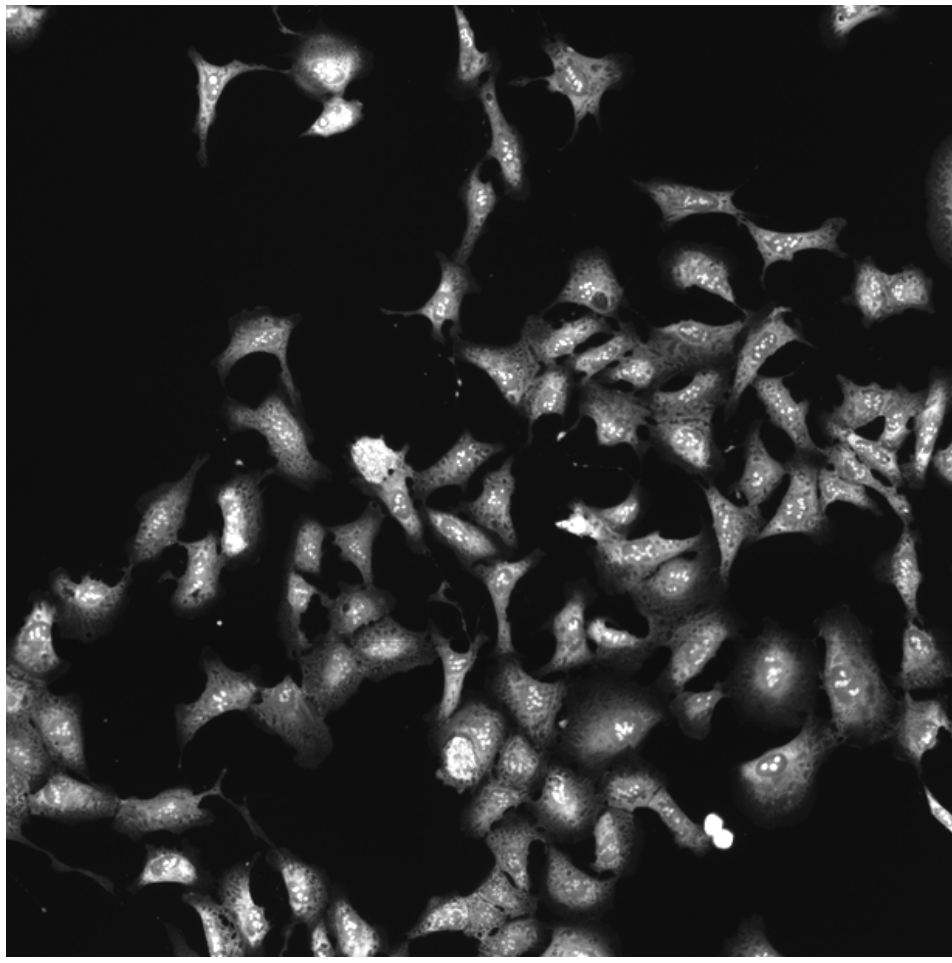
PIK3CB.WT.2 (41757)

PIK3CB.WT.2 (41754)

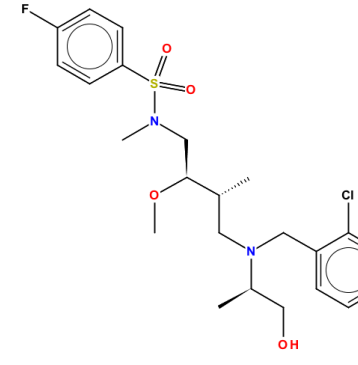
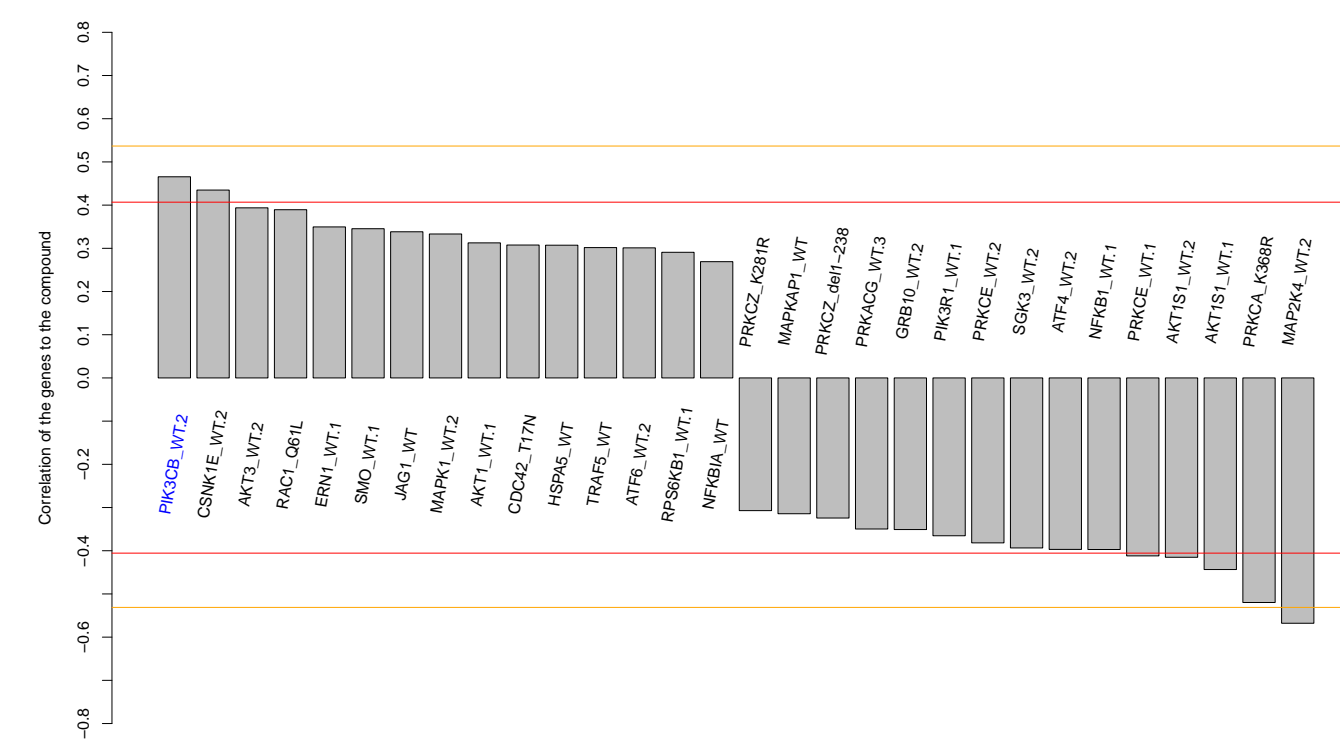
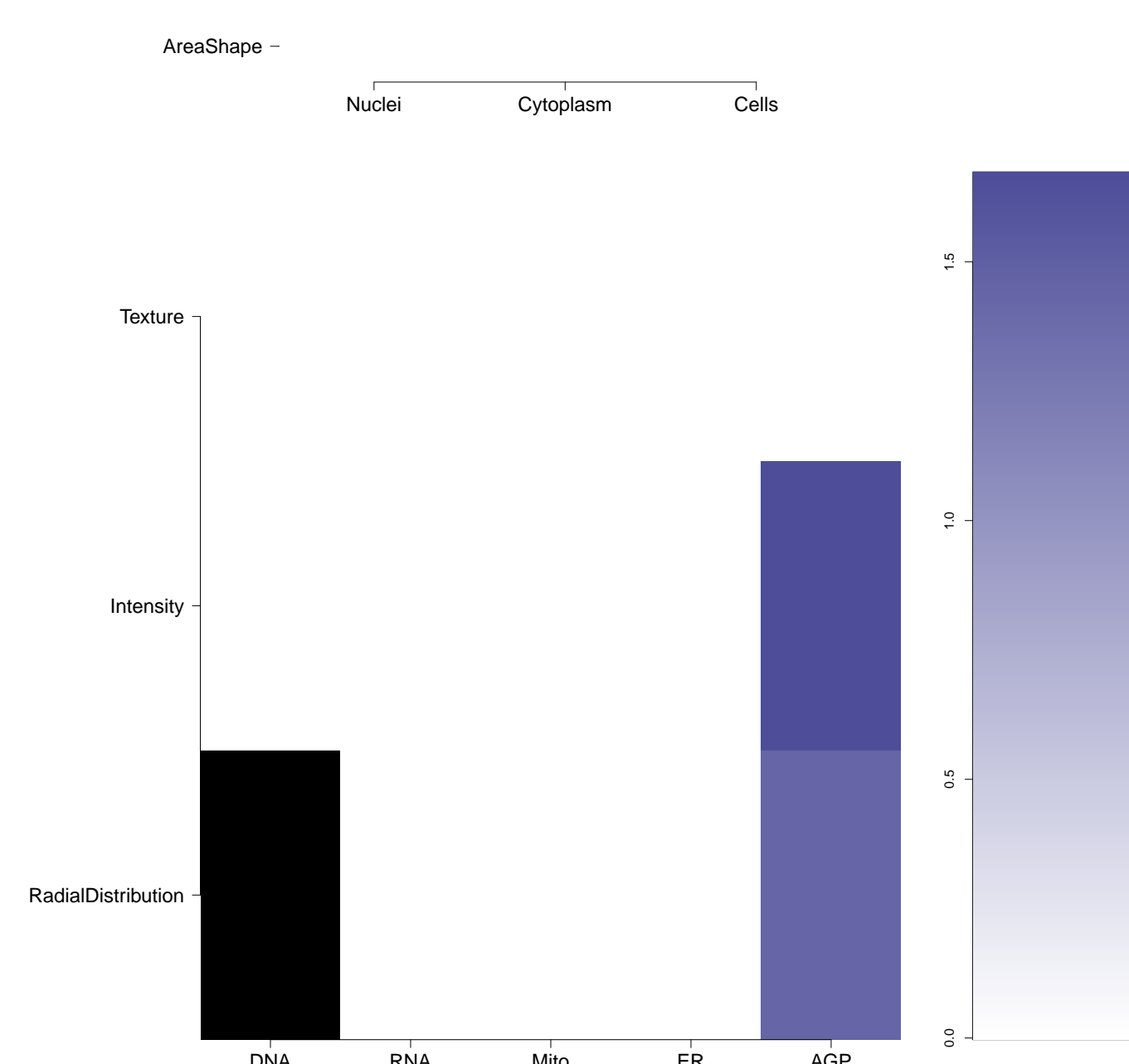
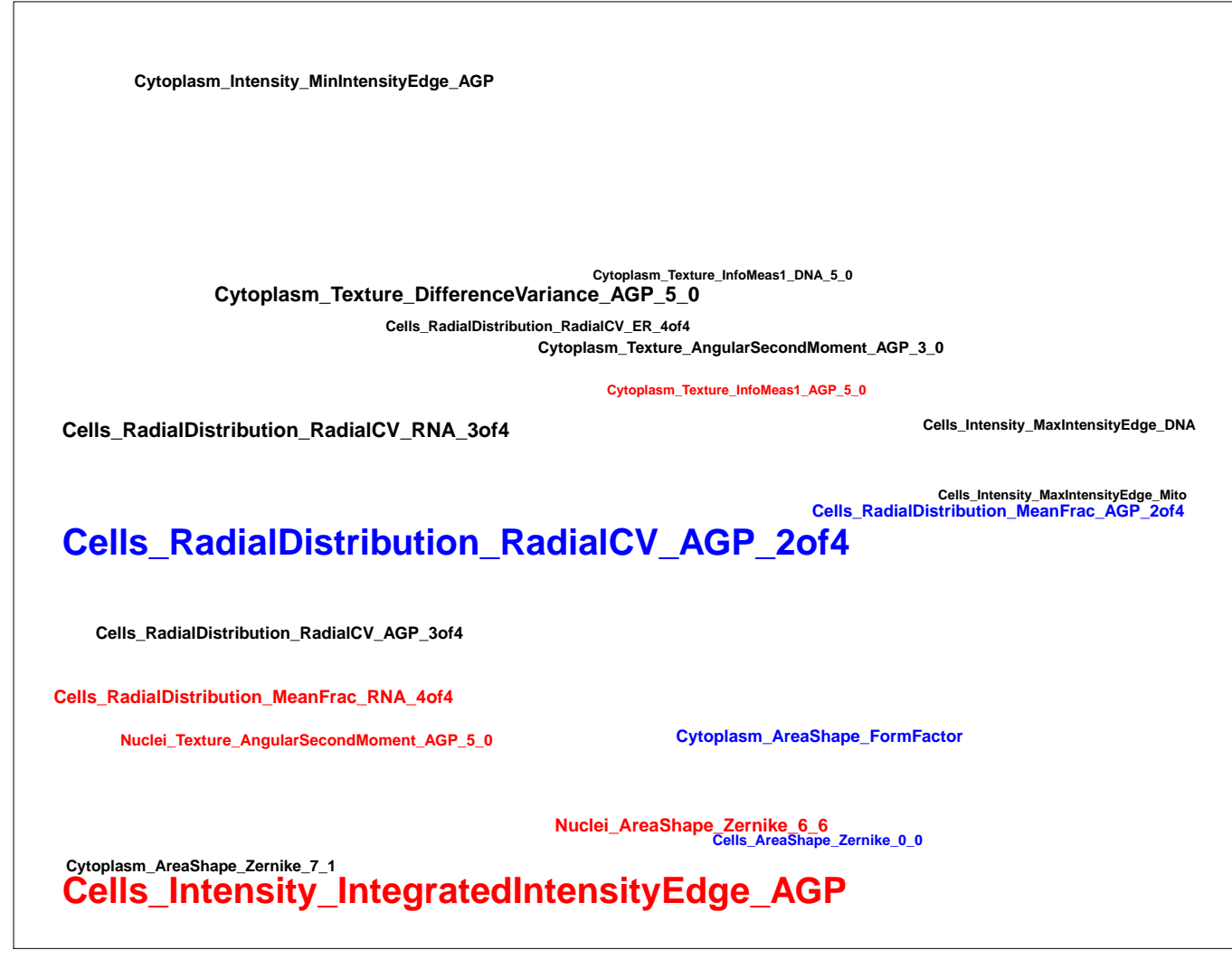
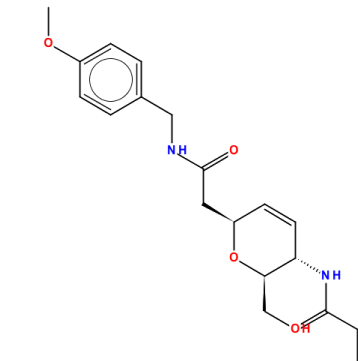
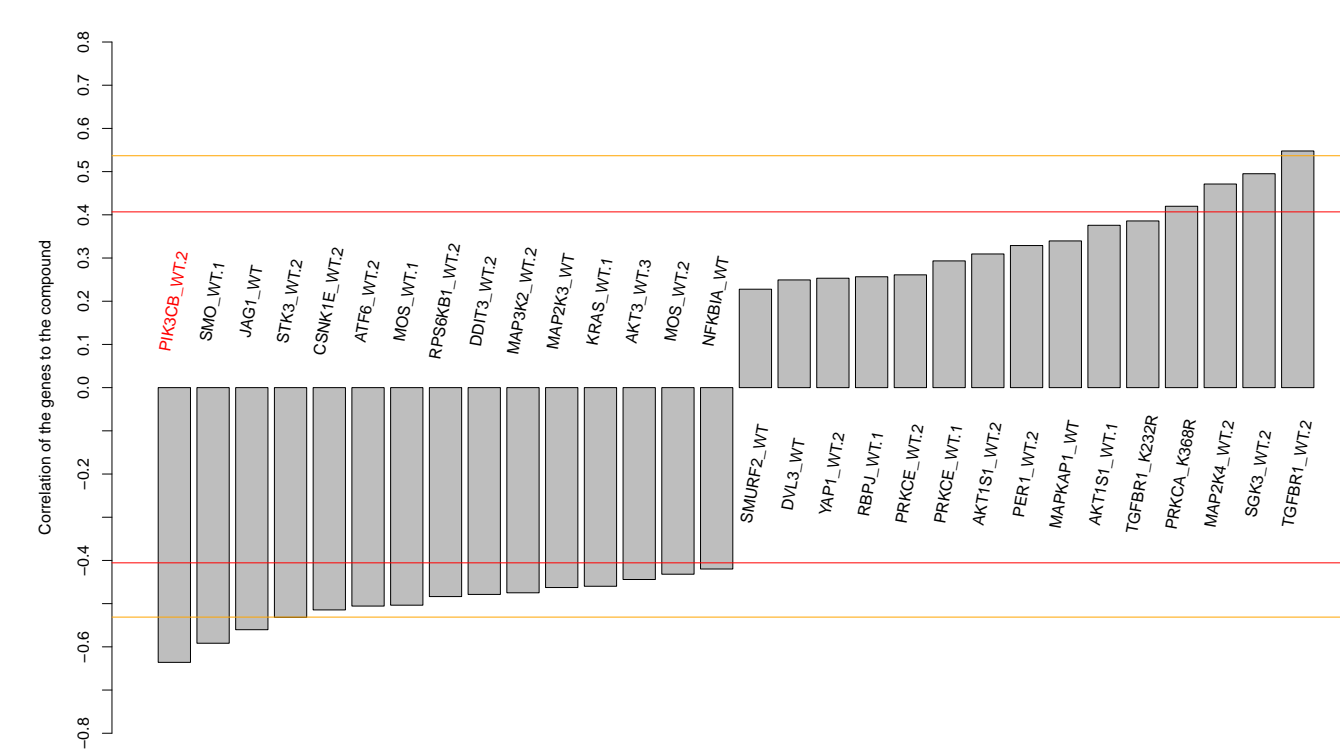
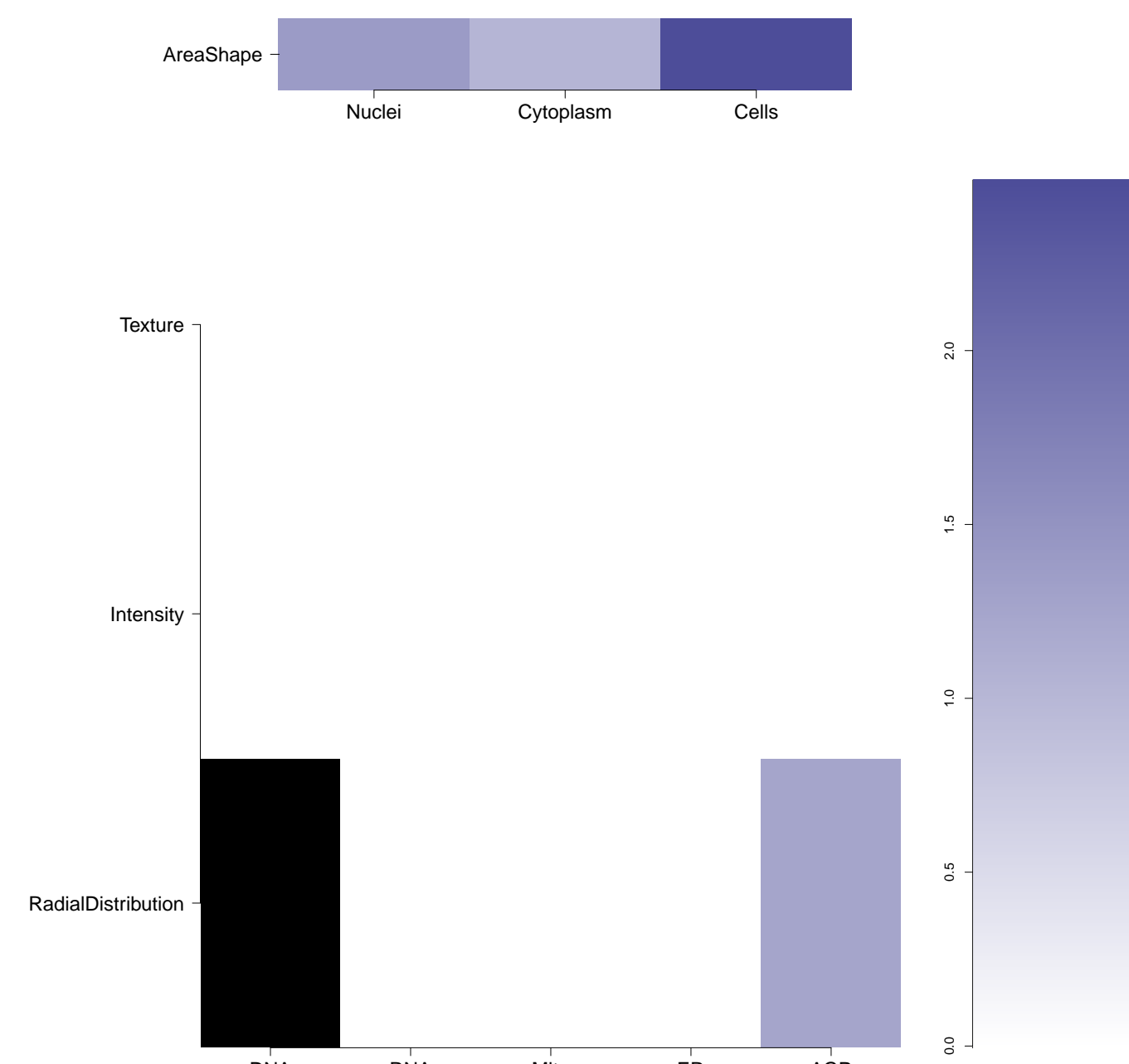
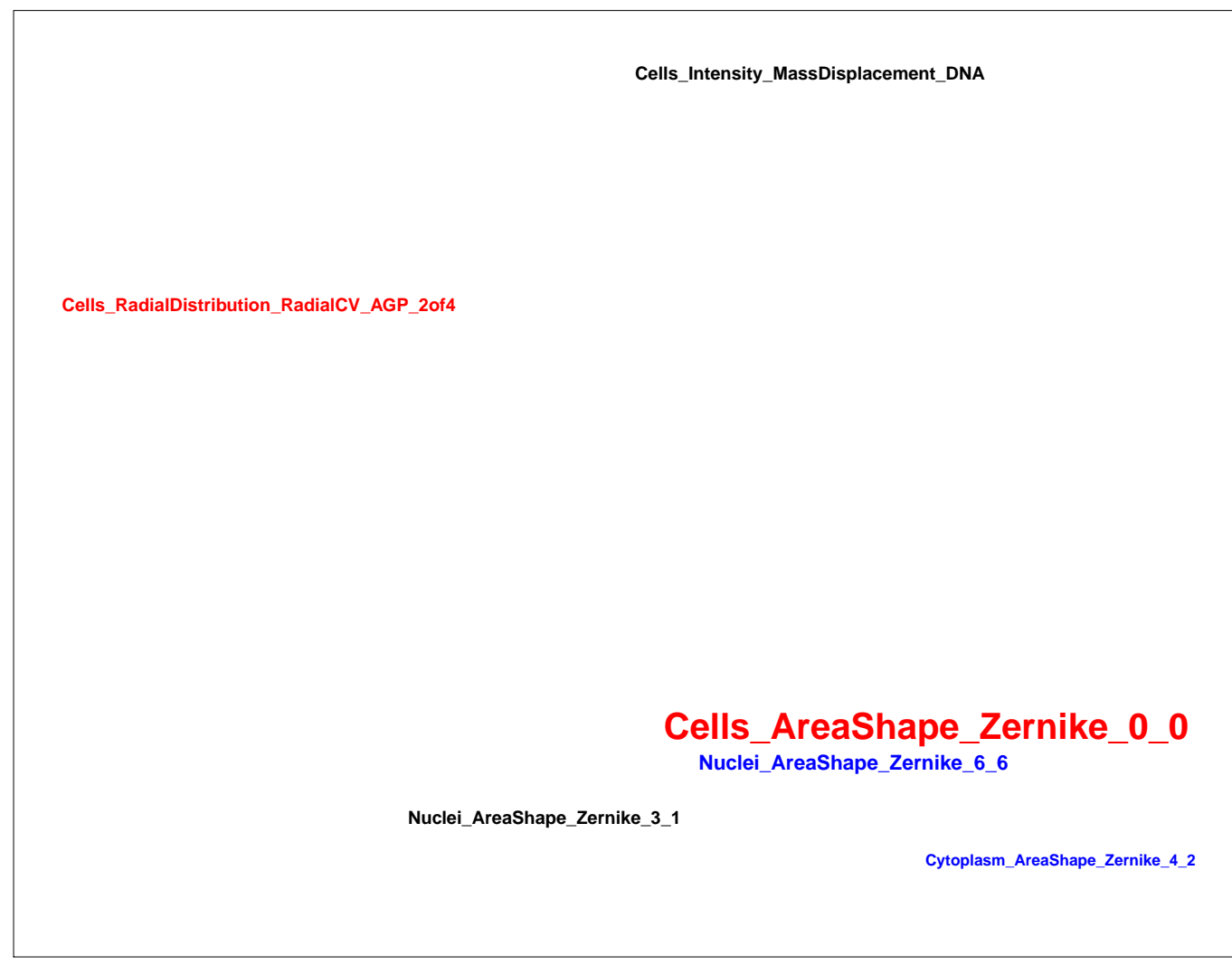
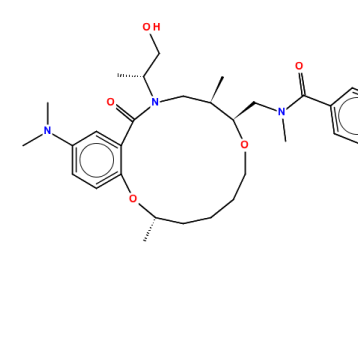
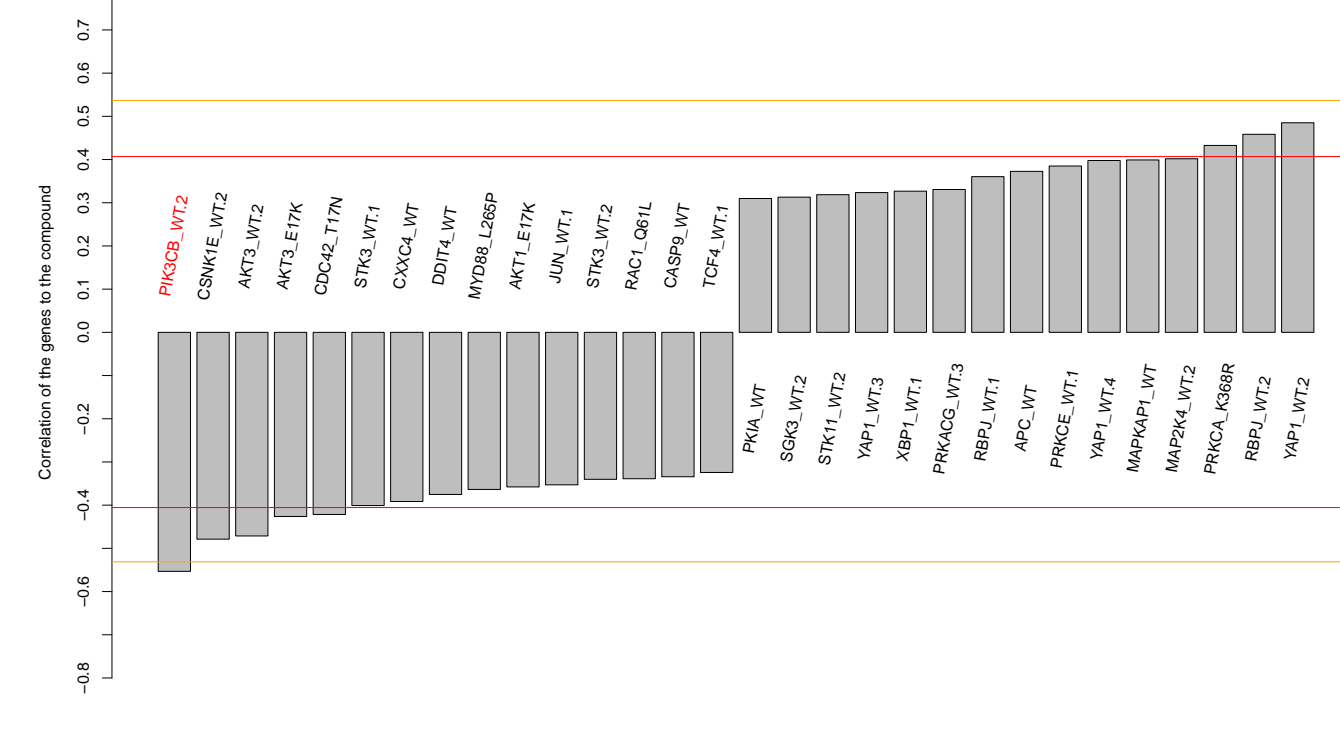
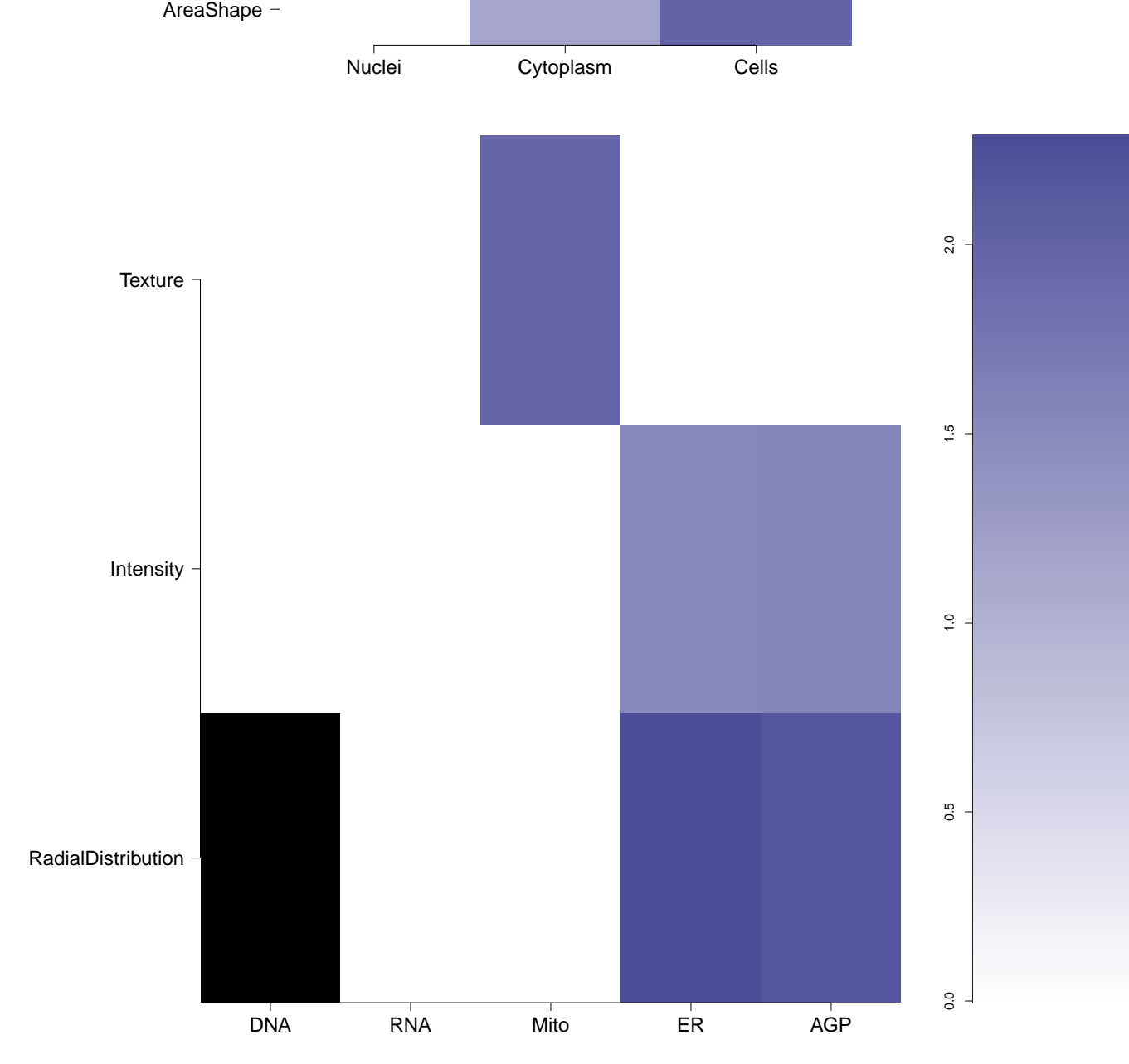

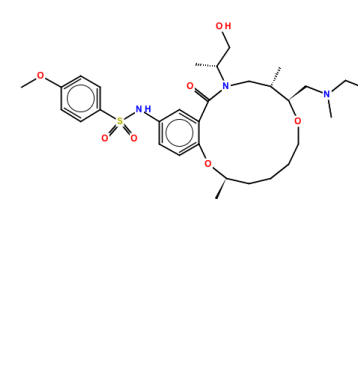
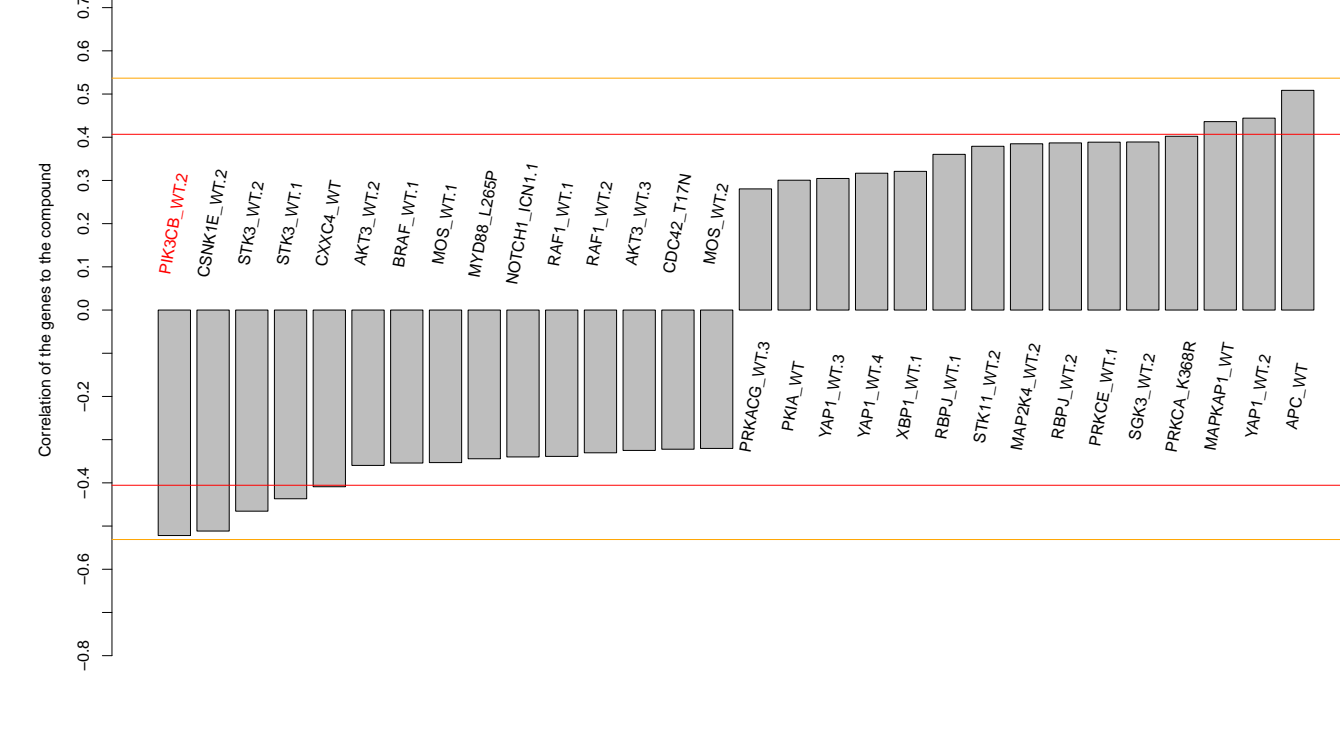
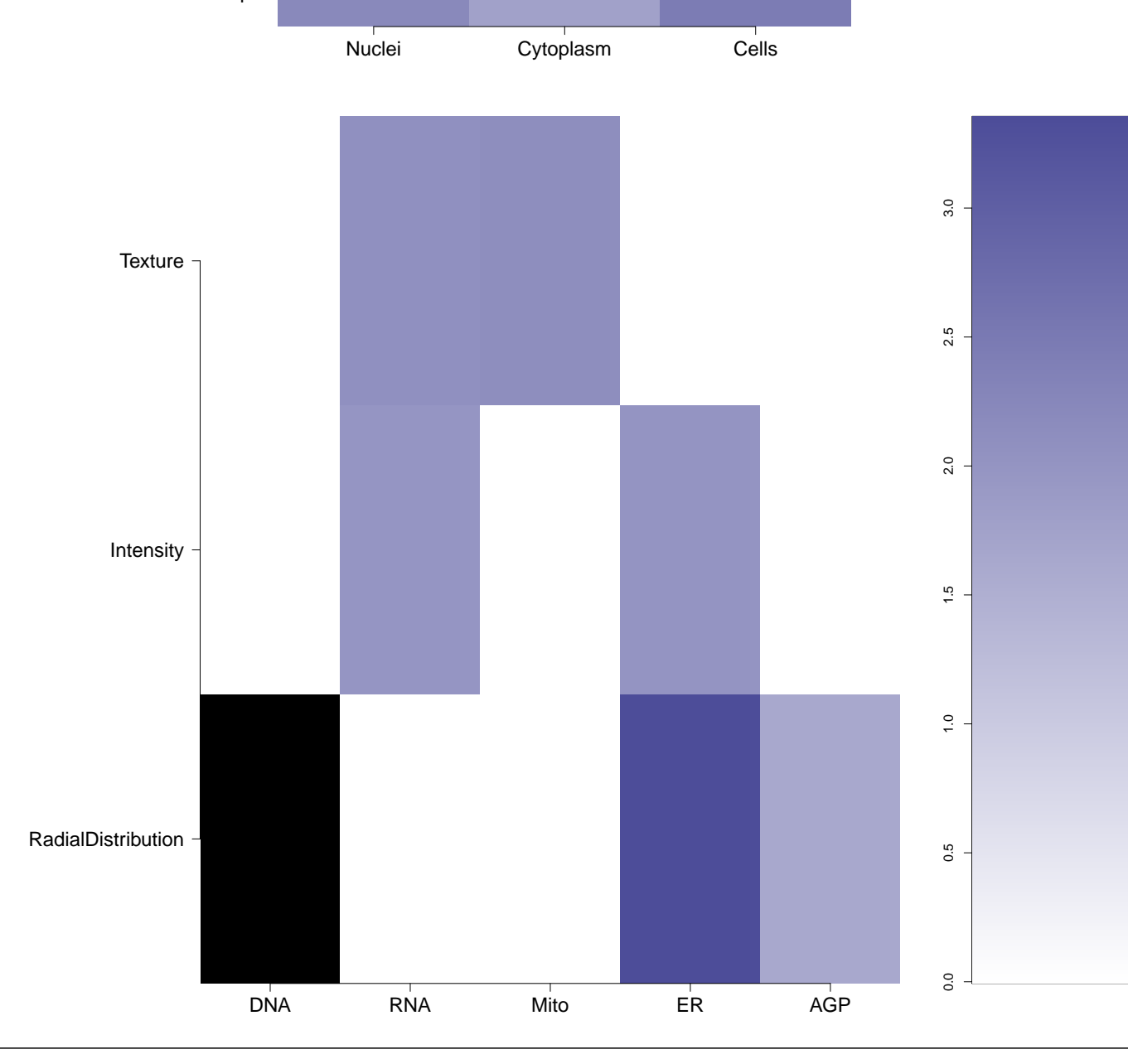
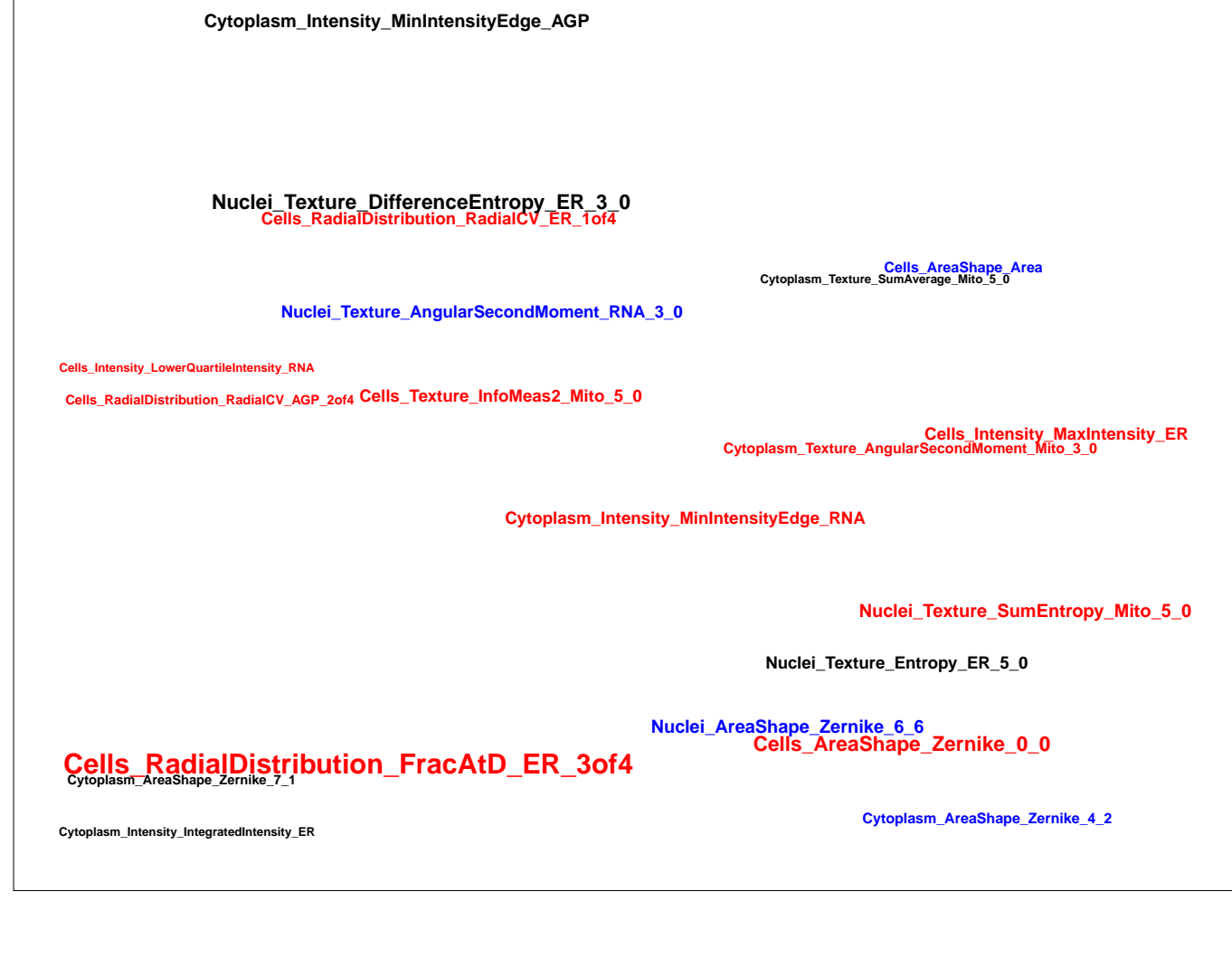
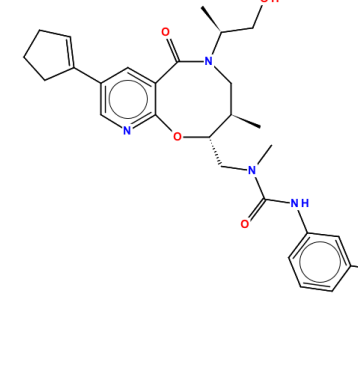
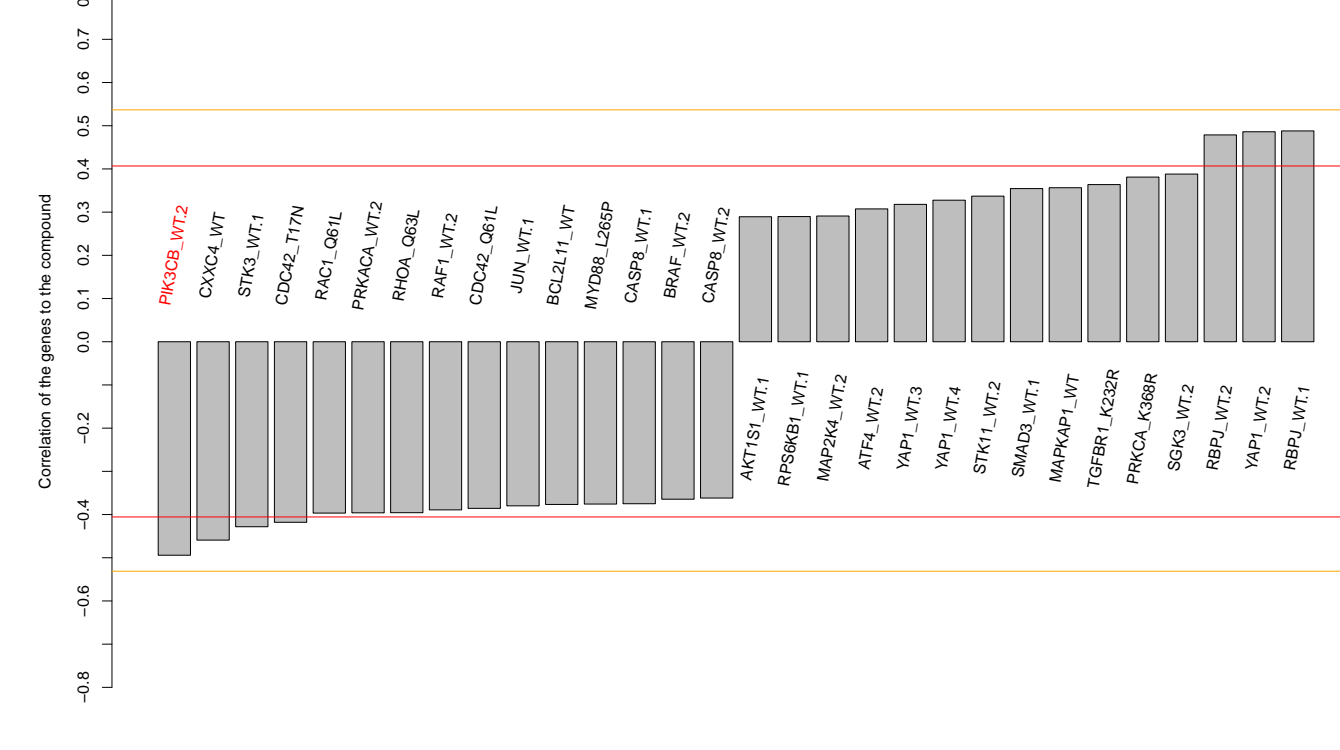
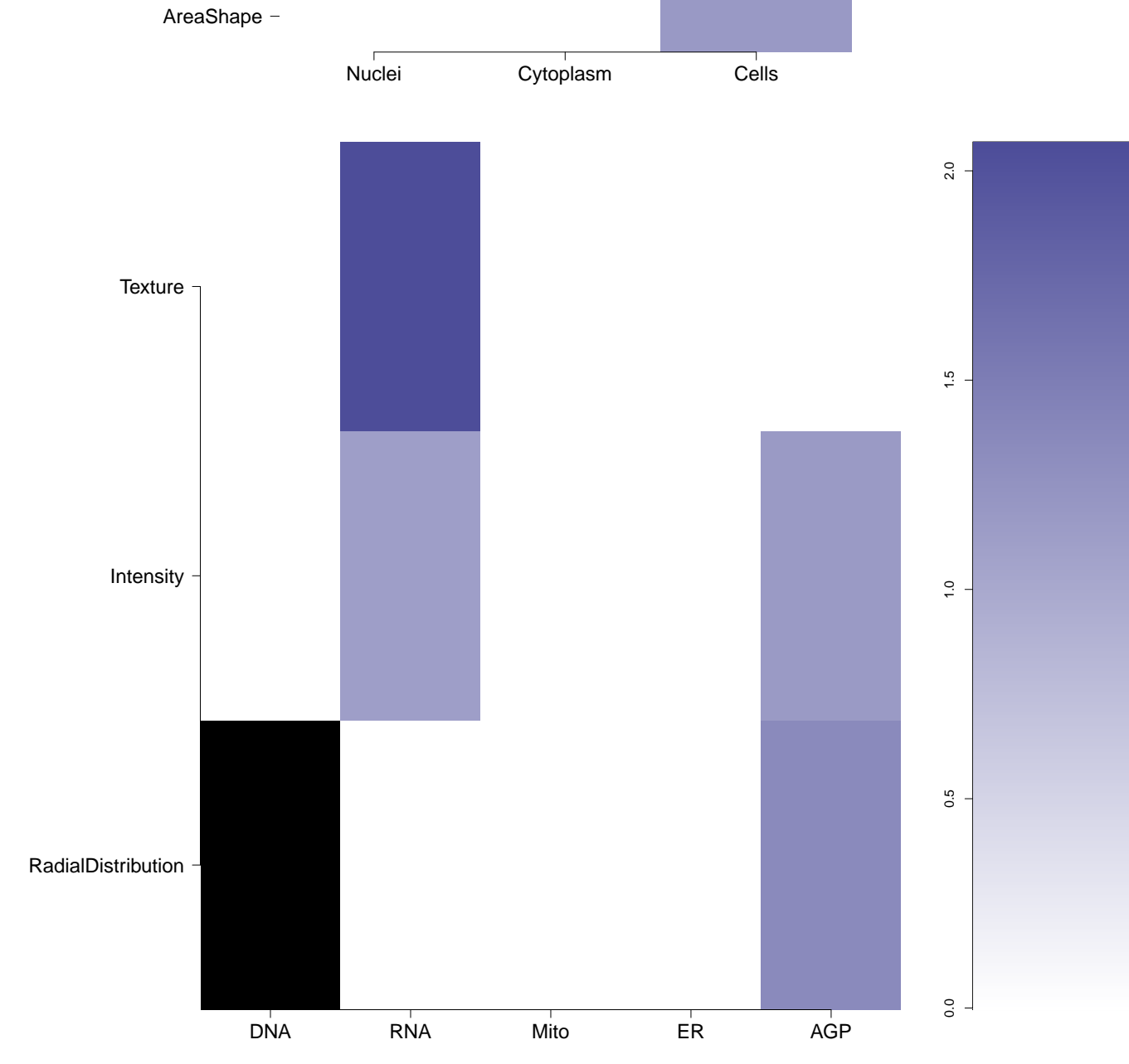
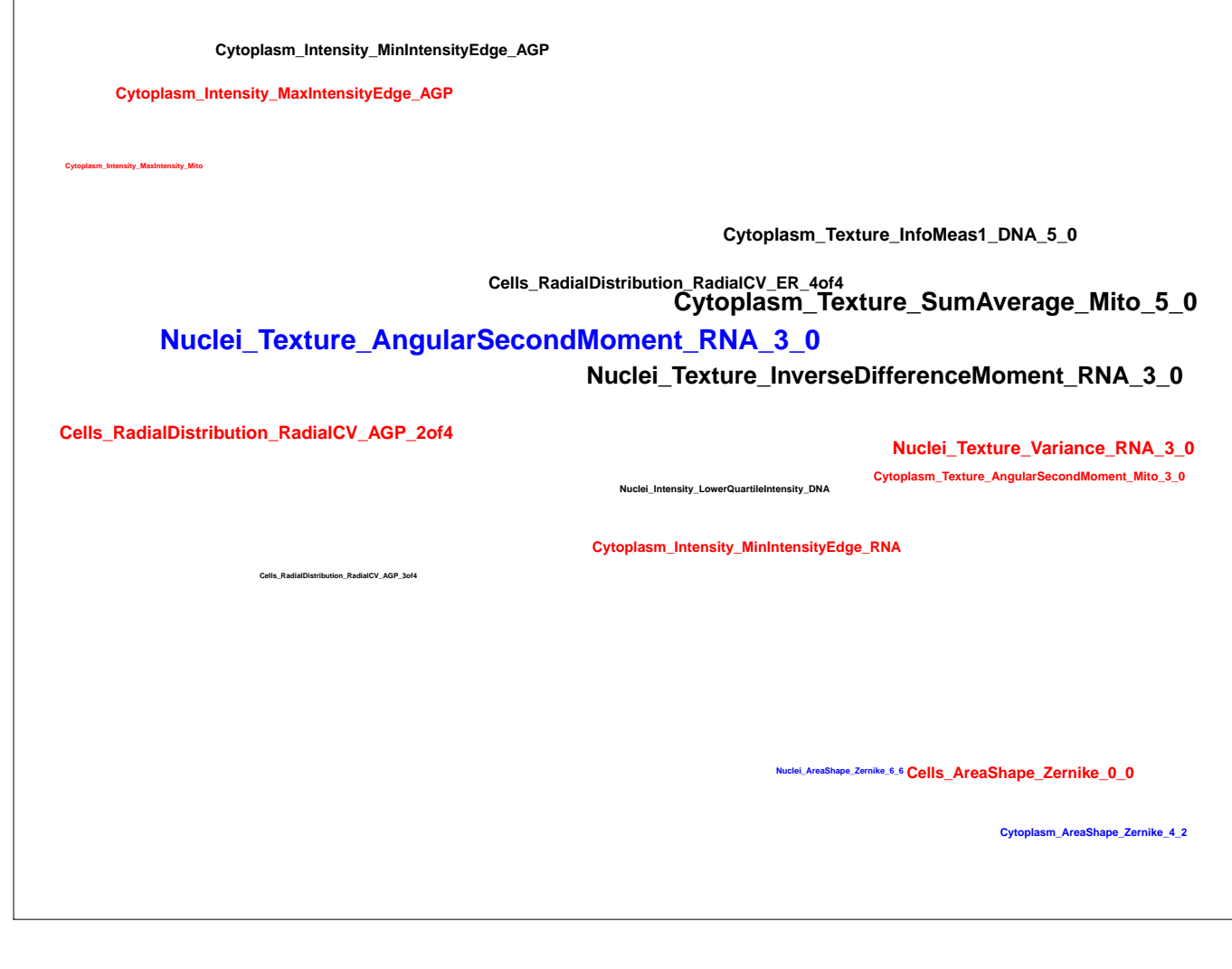
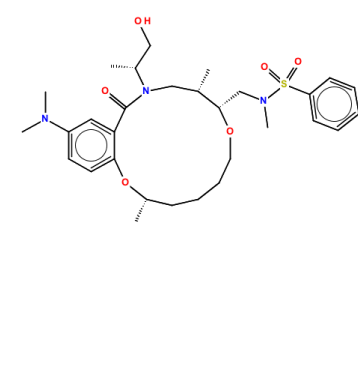
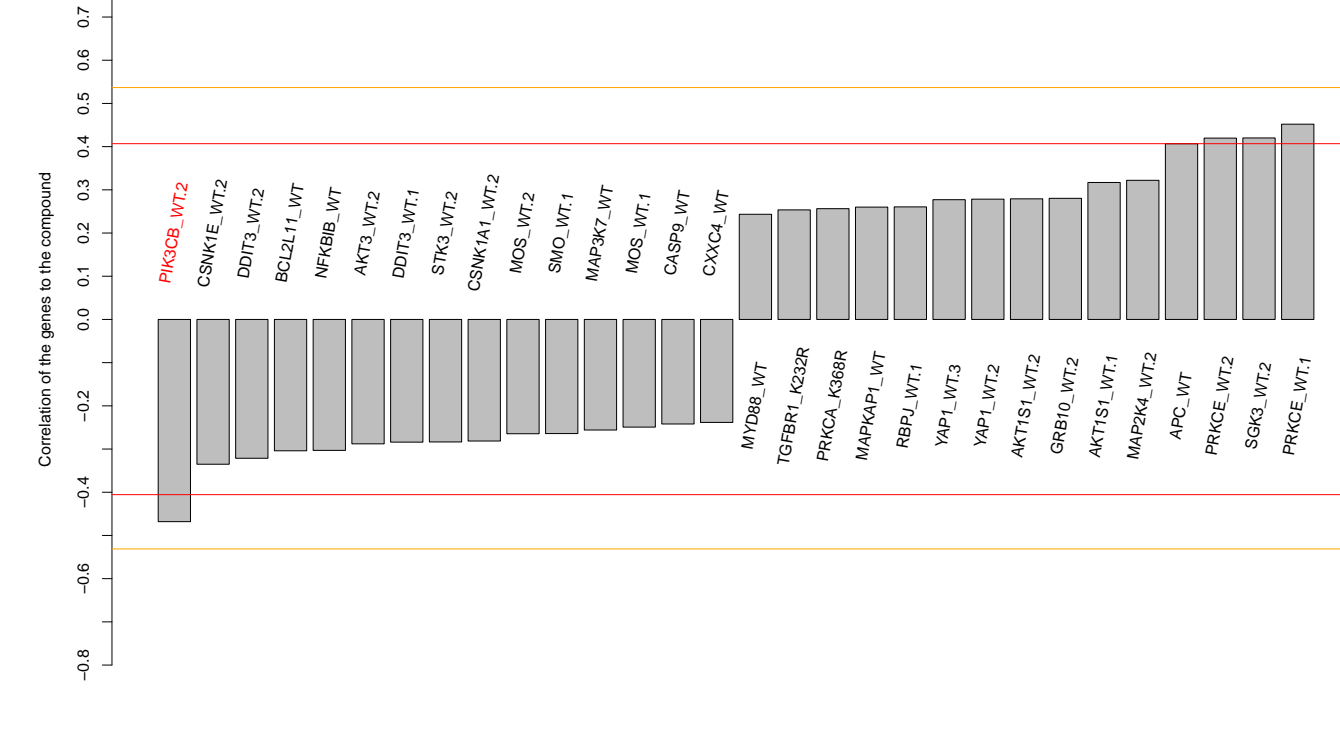
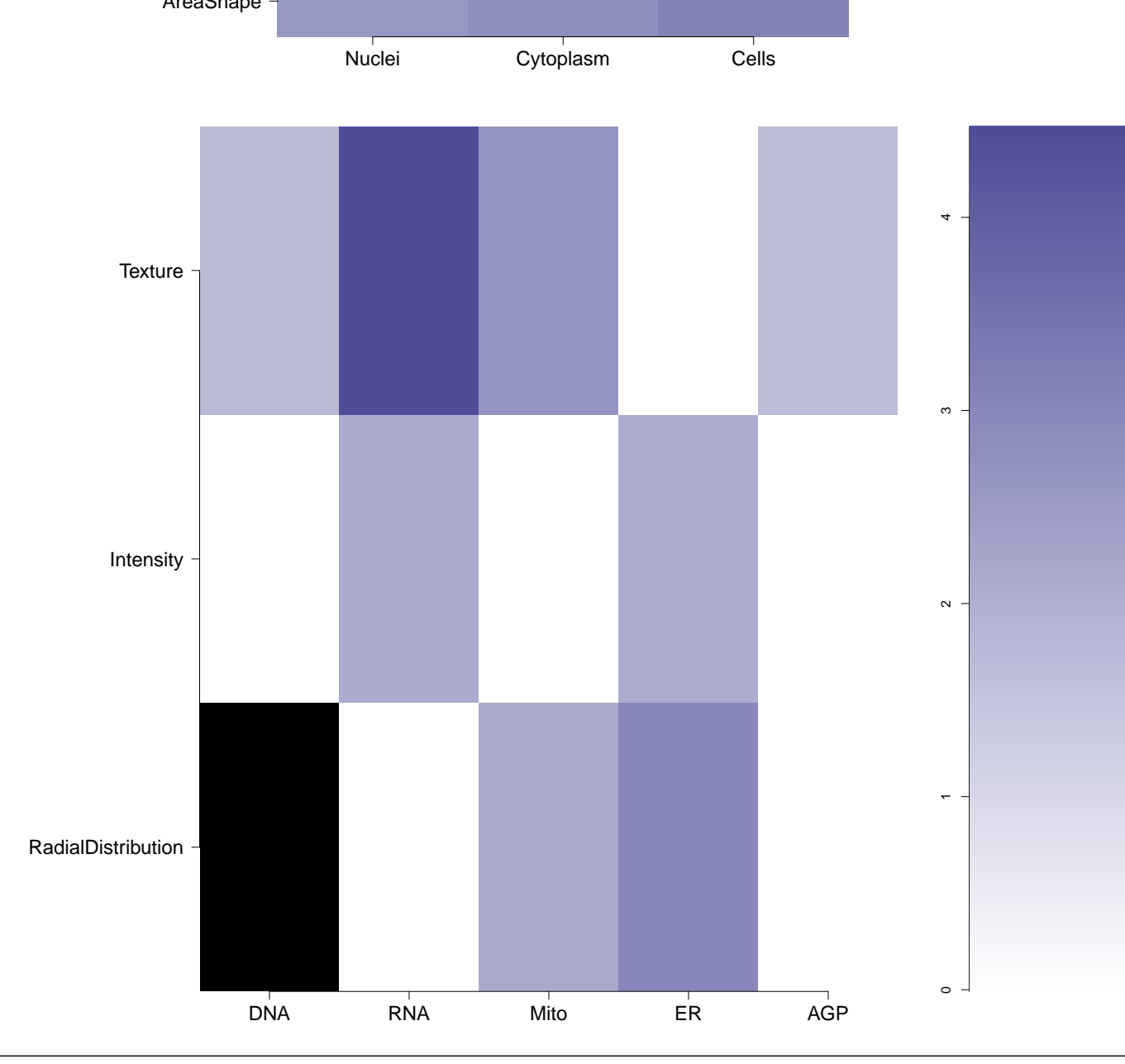

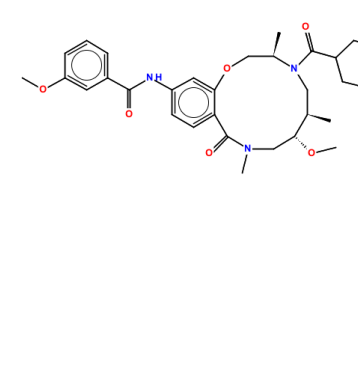
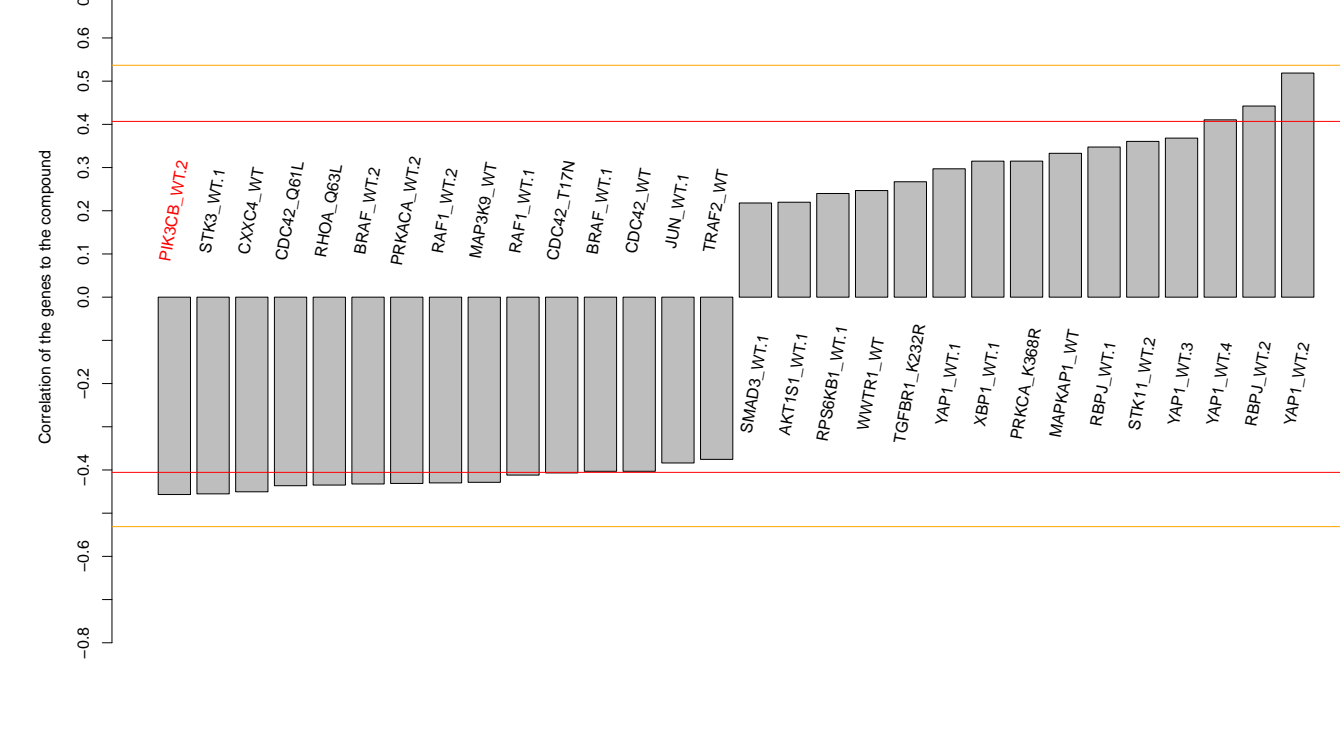
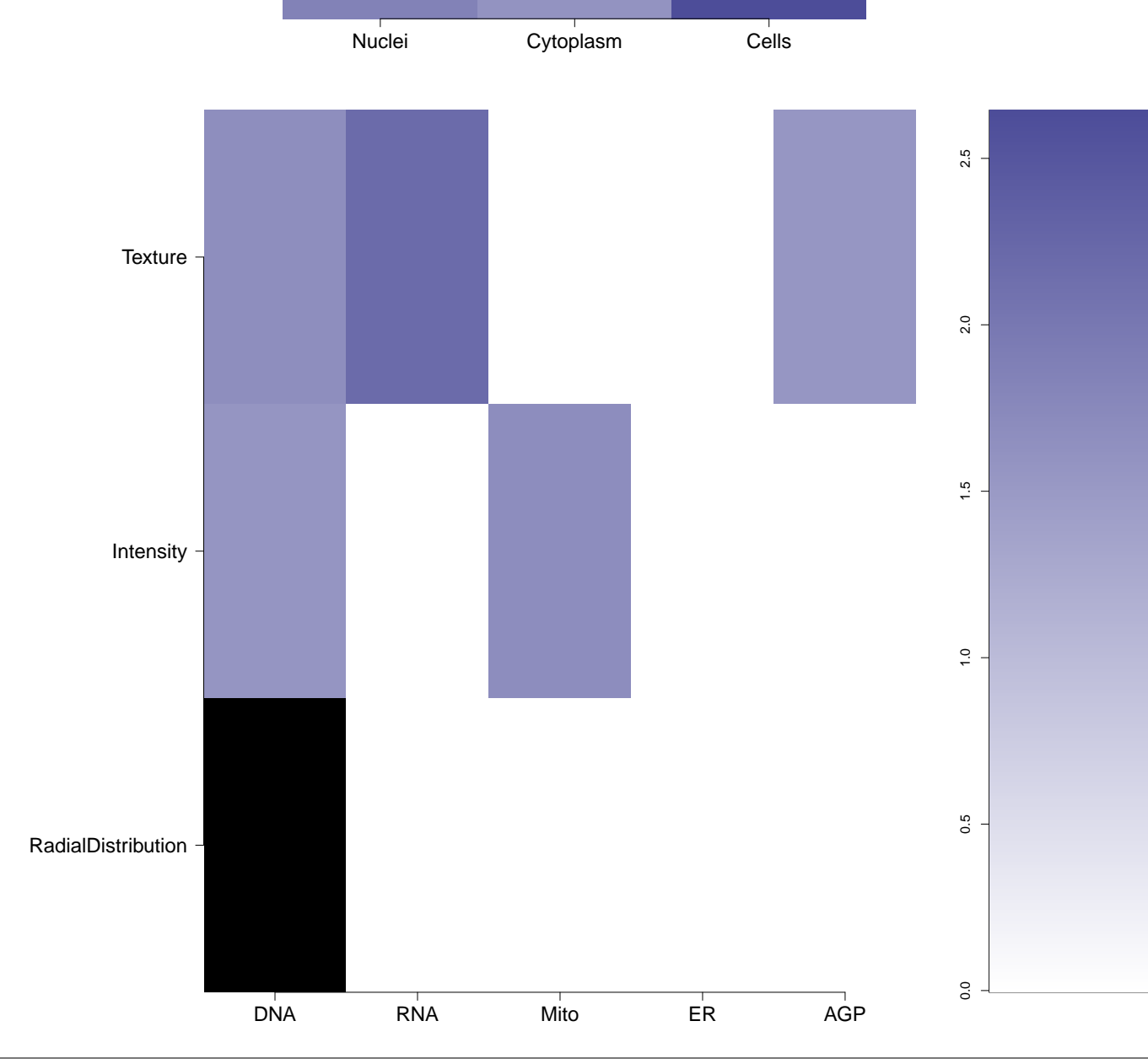

AGP



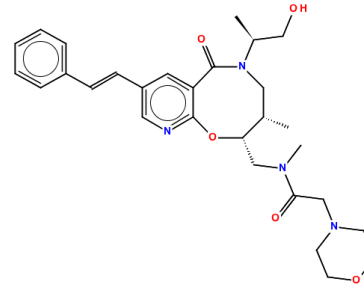
RNA



| | | | | | | | | |
|--|--------------------|--|---------------------------------------|--|---|---|---|---|
| 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 |
|--|--------------------|--|---------------------------------------|--|---|---|---|---|

| | | | | | | | | |
|--|---|------------------------|-------|-------|--|---|---|--|
| BRD-K64178462-001-01-1 PubChem CID : 54649077 |  | 0.65 (in 2 replicates) | 0.47 | 0.929 |  |  |  | Total number of assays tested in: 36. |
| BRD-K45566213-001-01-3 PubChem CID : 54641069 |  | NA (in 1 replicates) | -0.64 | NA |  |  |  | Total number of assays tested in: 37. |
| BRD-K31884664-001-01-0 PubChem CID : 44486426 |  | 0.61 (in 4 replicates) | -0.55 | 0.299 |  |  |  | Total number of assays tested in: 46. |
| BRD-K57293132-001-01-7 PubChem CID : 44485655 |  | 0.74 (in 4 replicates) | -0.52 | 0.299 |  |  |  | Total number of assays tested in: 46. Active in the following assays: <ul style="list-style-type: none"> DENV2 CPE-Based HTS Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2149-01.Other.SinglePoint.HTS.Activity (AID 651640) |
| BRD-K56011618-001-01-7 PubChem CID : 54619120 |  | 0.62 (in 4 replicates) | -0.49 | 0.870 |  |  |  | Total number of assays tested in: 24. |
| BRD-K91282650-001-01-0 PubChem CID : 44619759 |  | 0.72 (in 4 replicates) | -0.47 | 0.961 |  |  |  | Total number of assays tested in: 23. |
| BRD-K86522396-001-01-5 PubChem CID : 54631458 |  | 0.55 (in 4 replicates) | -0.46 | 0.299 |  |  |  | Total number of assays tested in: 32. |

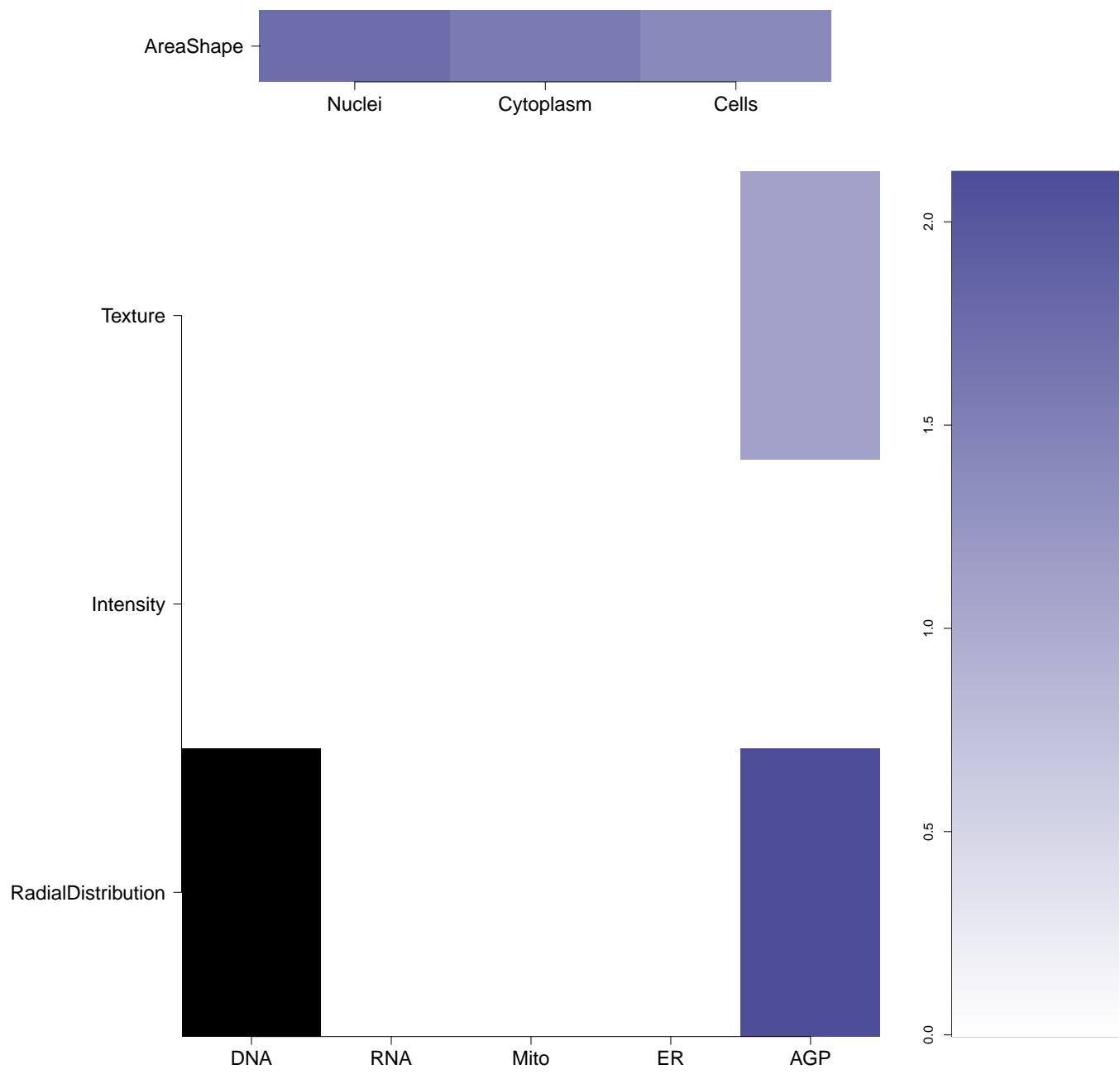
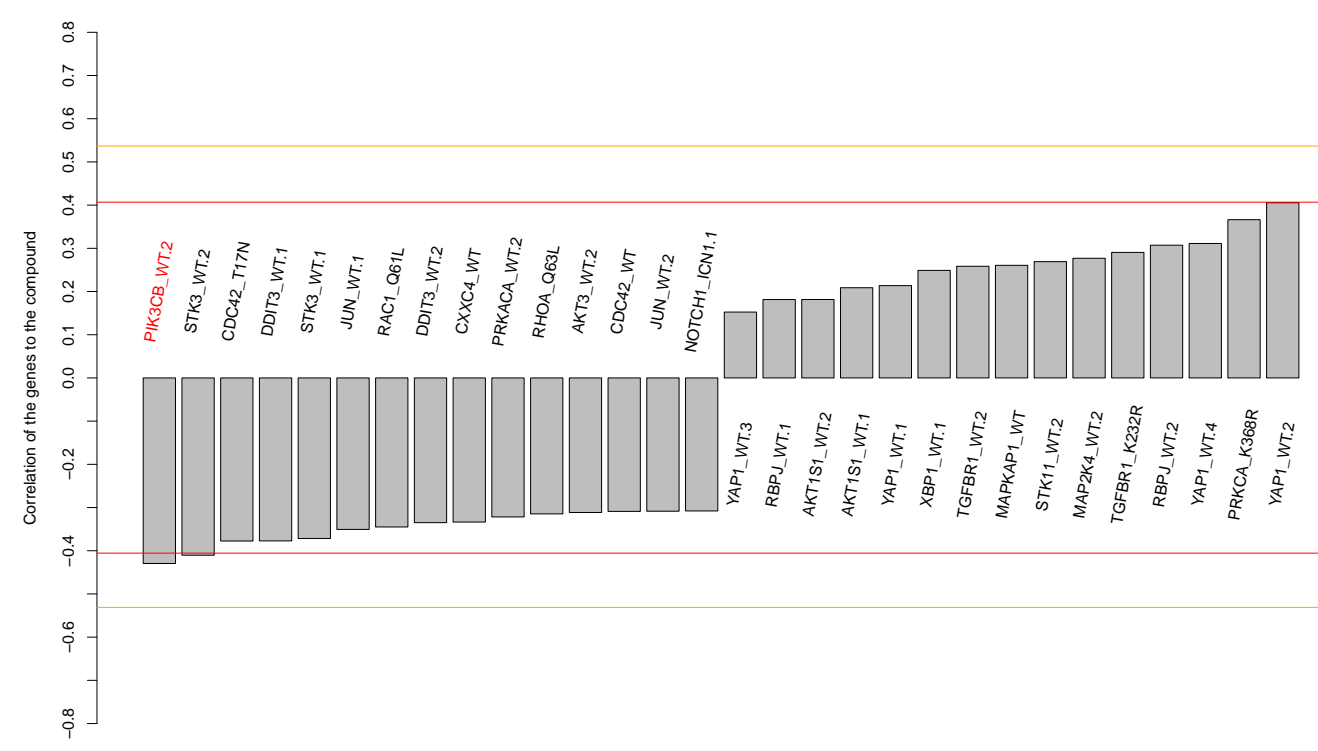
BRD-K20644549-001-01-2
PubChem CID : 54619394



0.59 (in 4 replicates)

-0.43

0.837



Total number of assays tested in: 22.