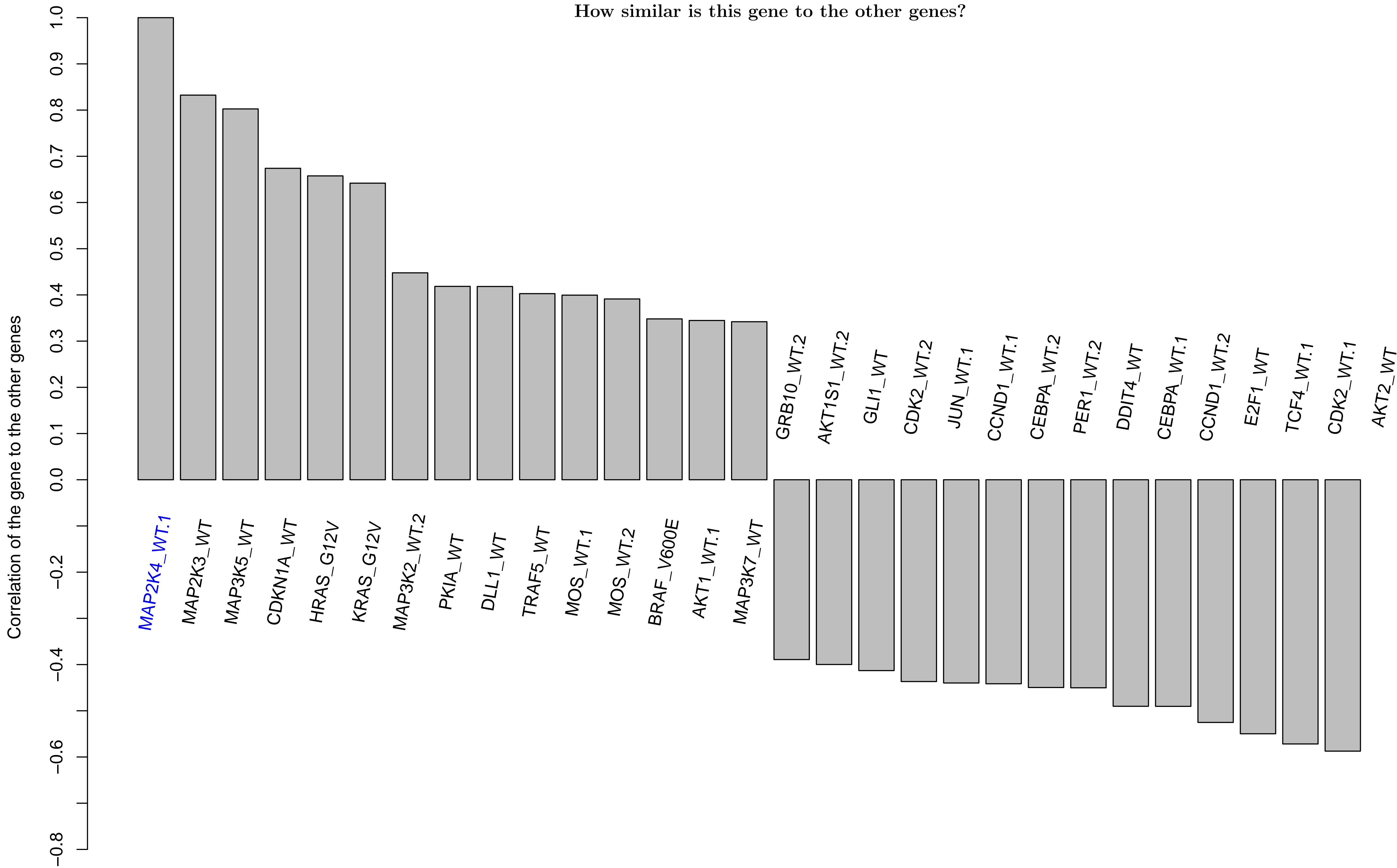
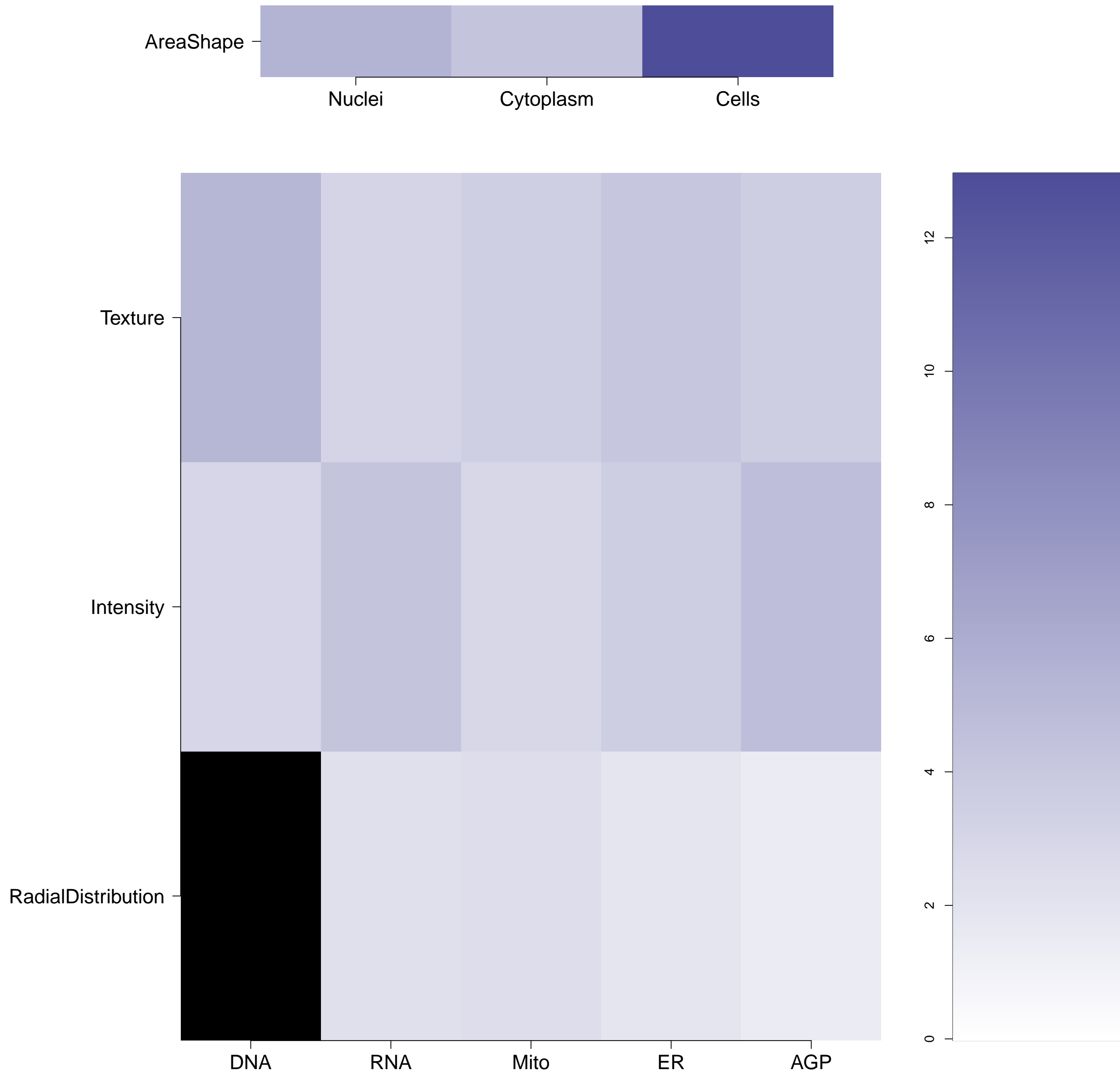


MAP2K4.WT.1 - in Canonical MAPK

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

MAP2K4.WT.1 (41744)

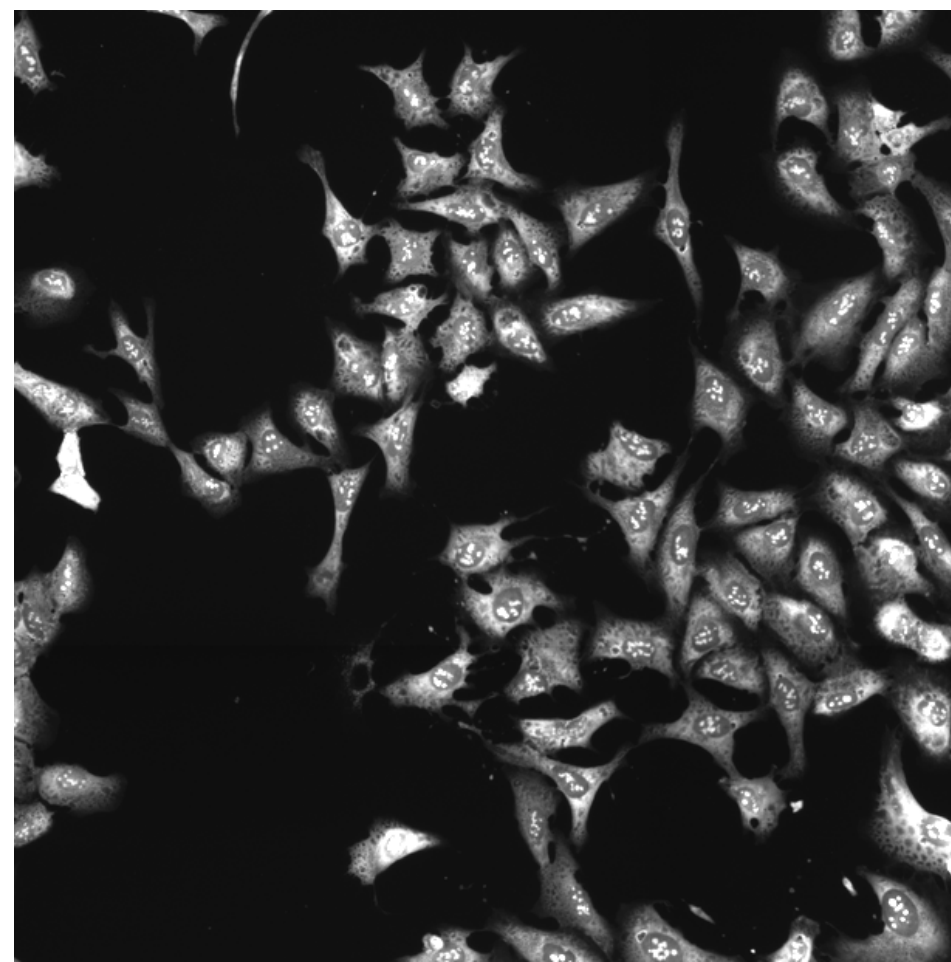
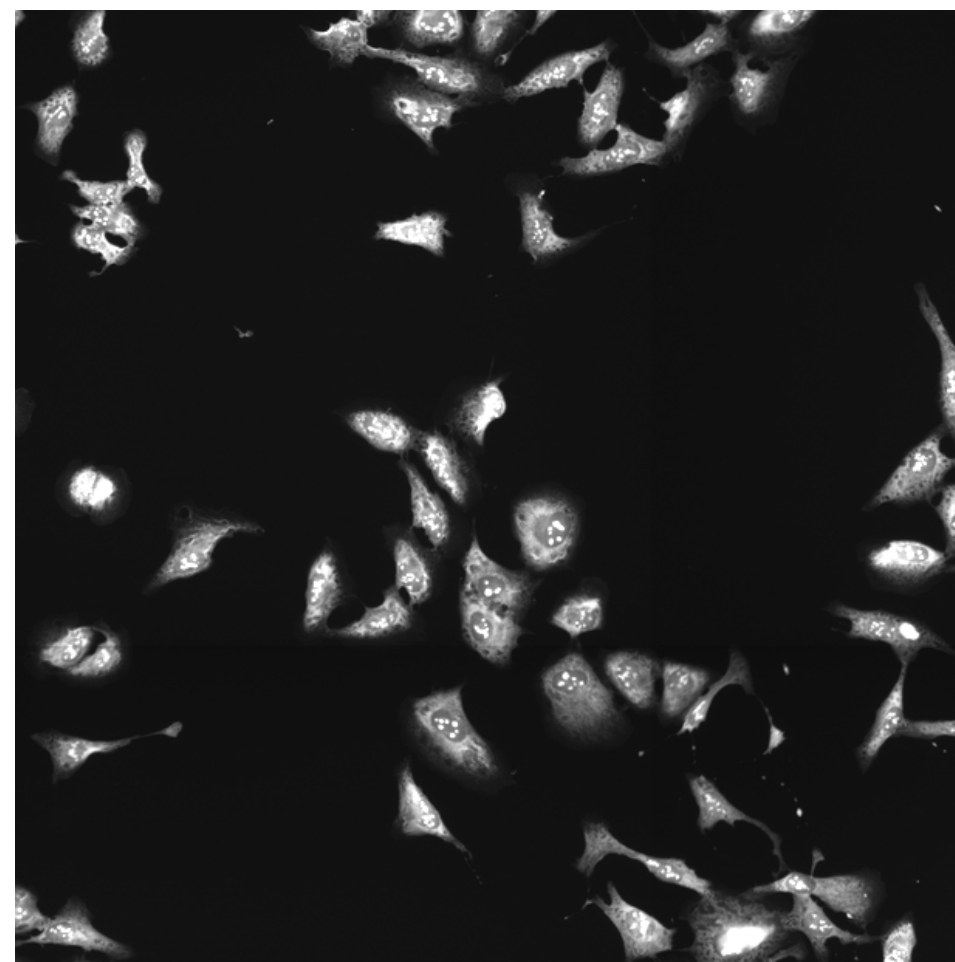
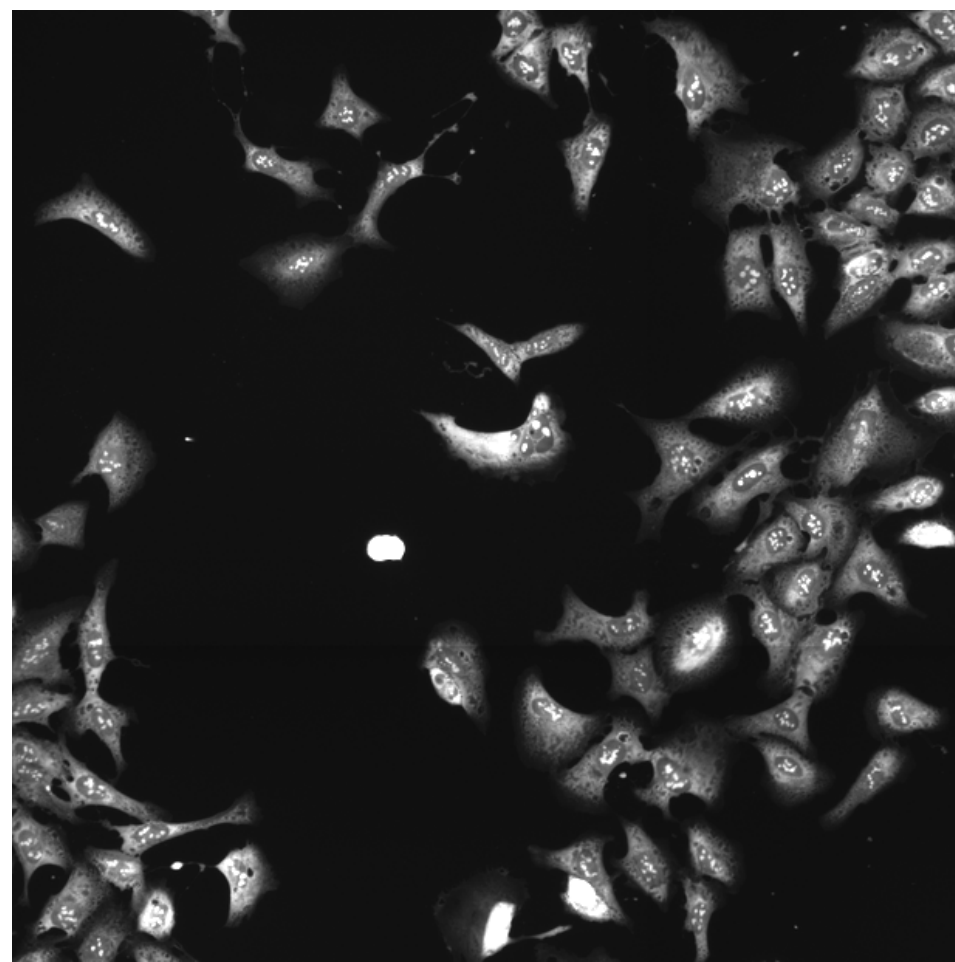
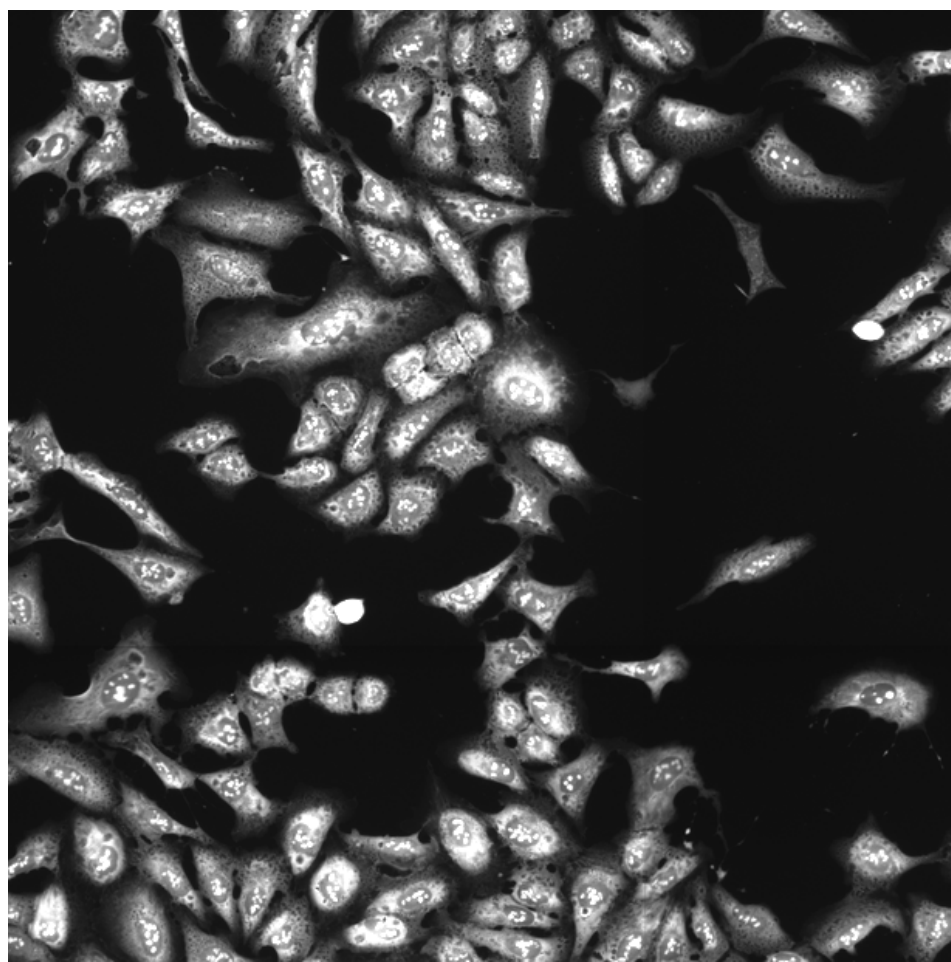
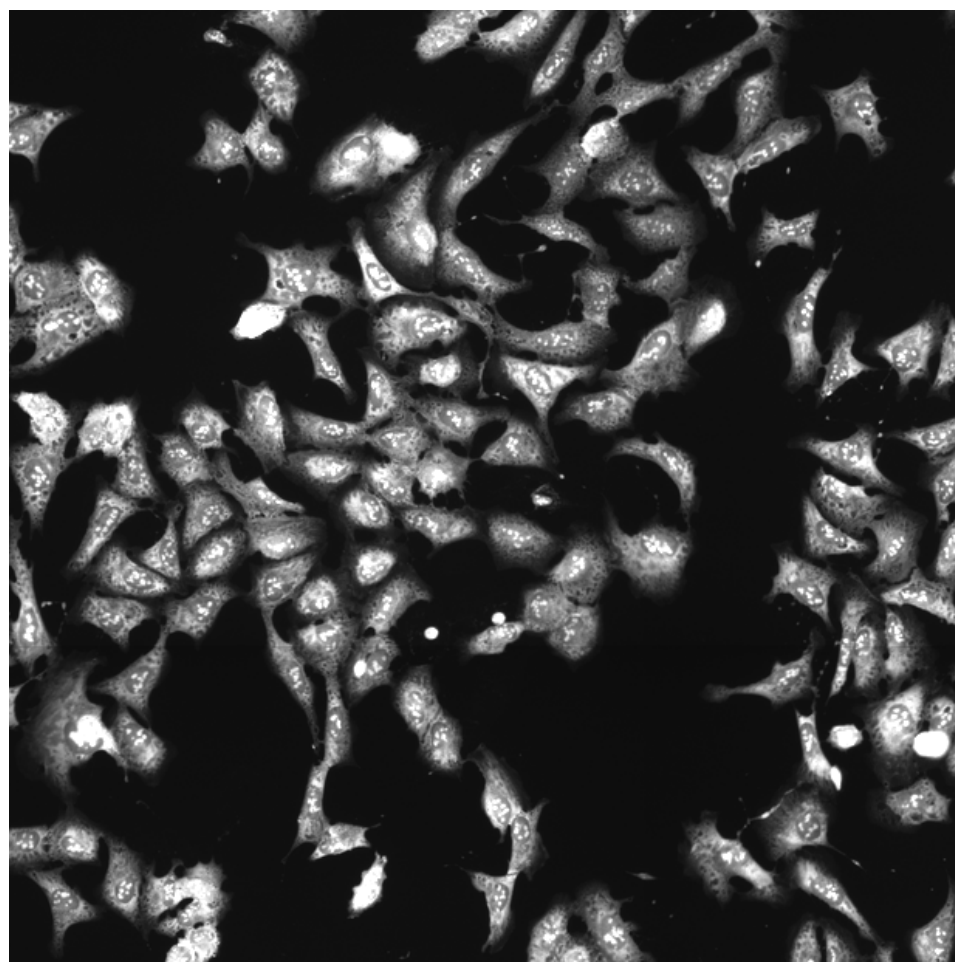
MAP2K4.WT.1 (41755)

MAP2K4.WT.1 (41756)

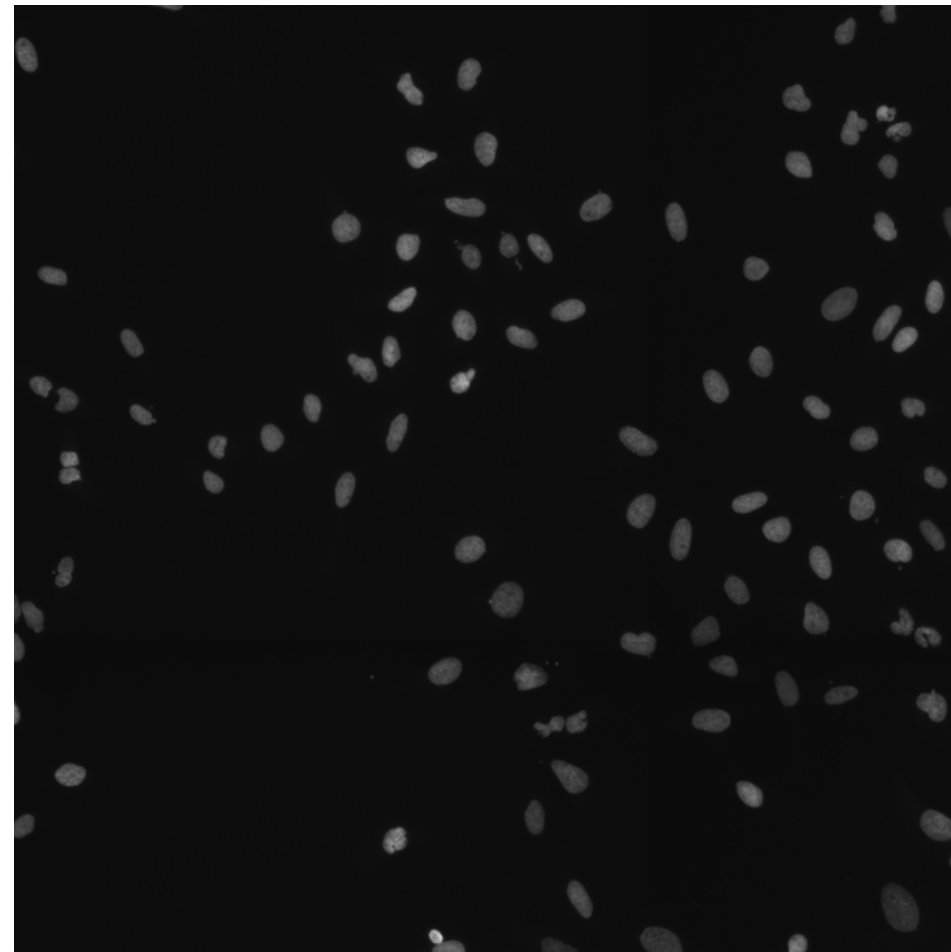
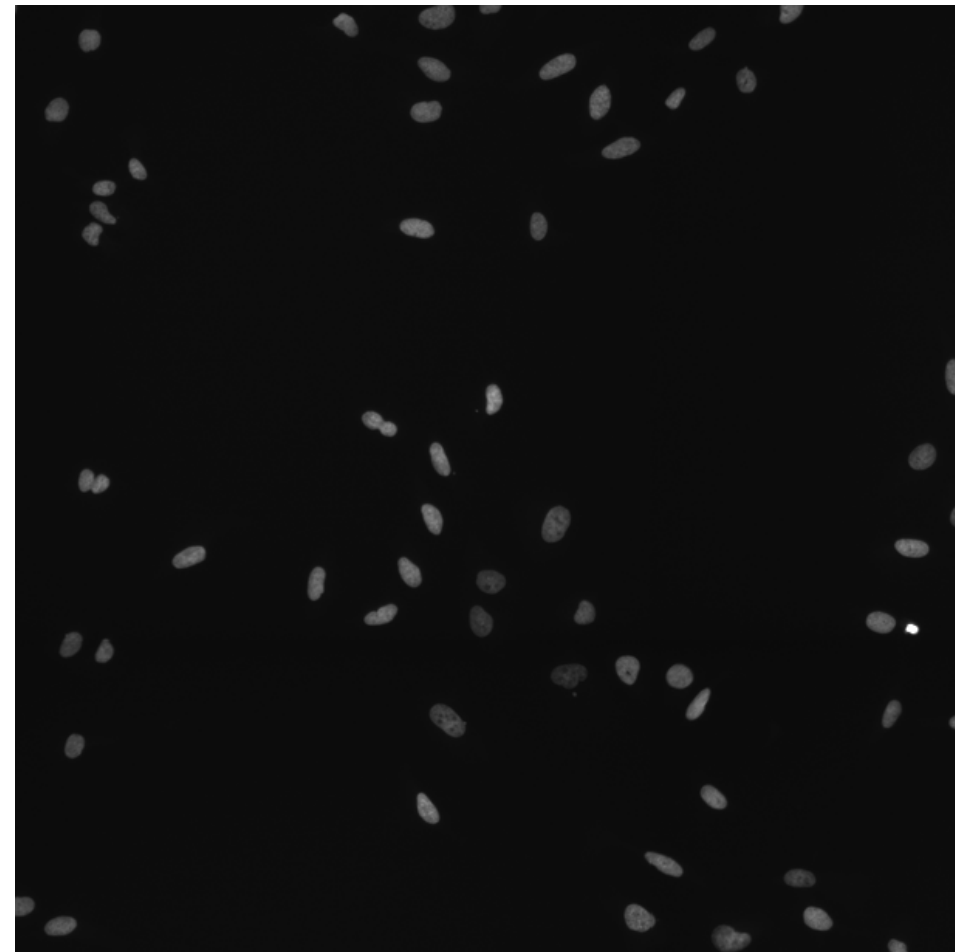
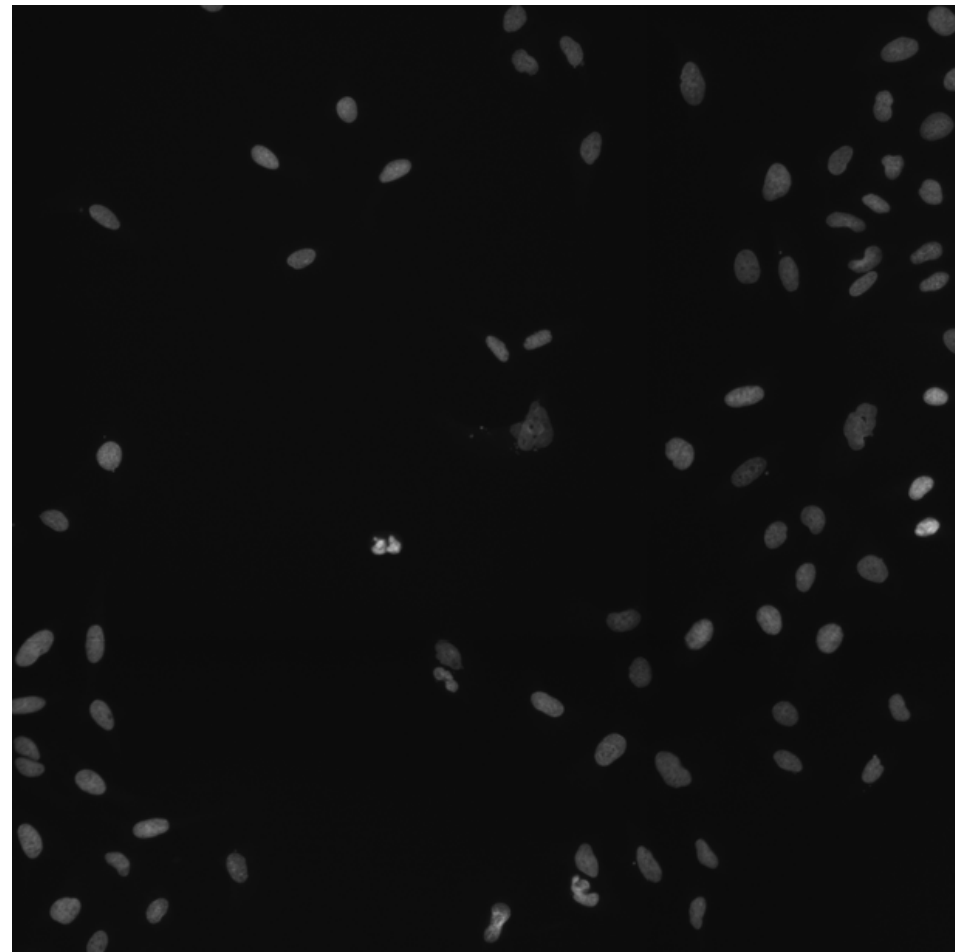
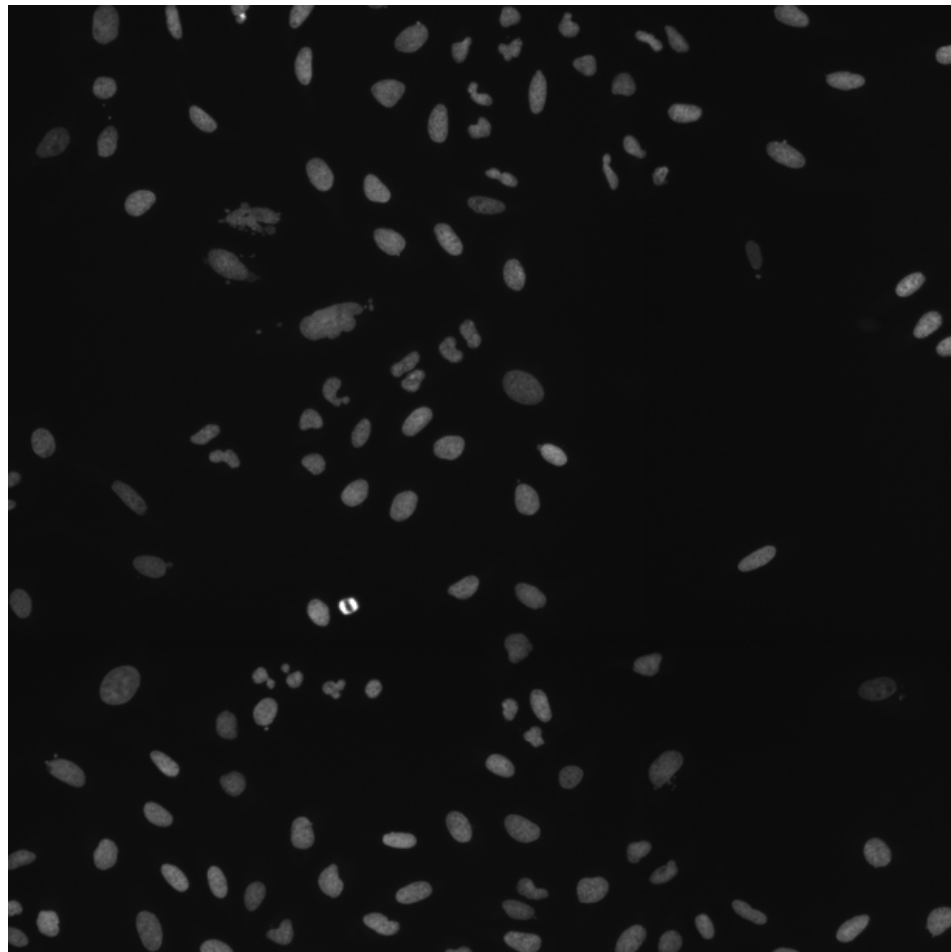
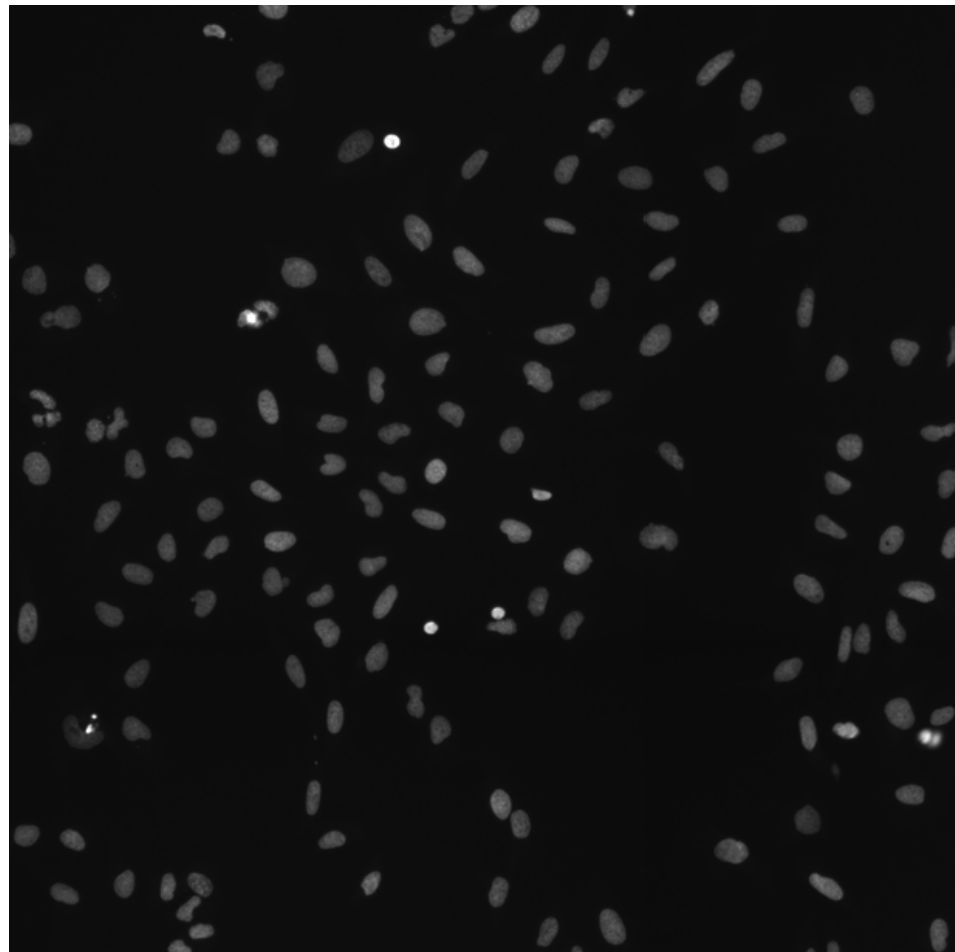
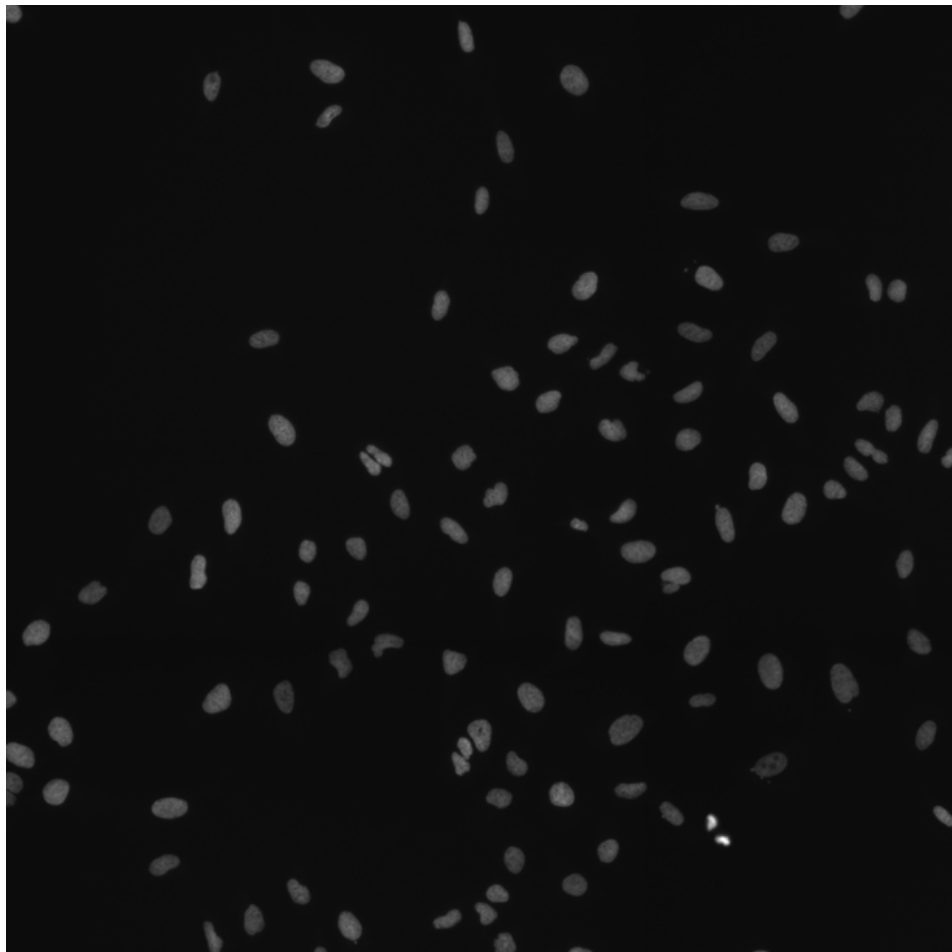
MAP2K4.WT.1 (41757)

MAP2K4.WT.1 (41754)

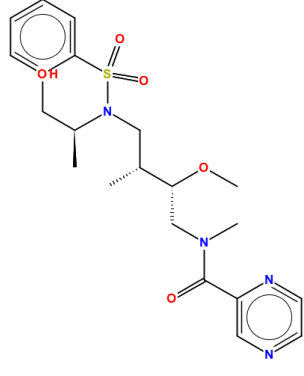
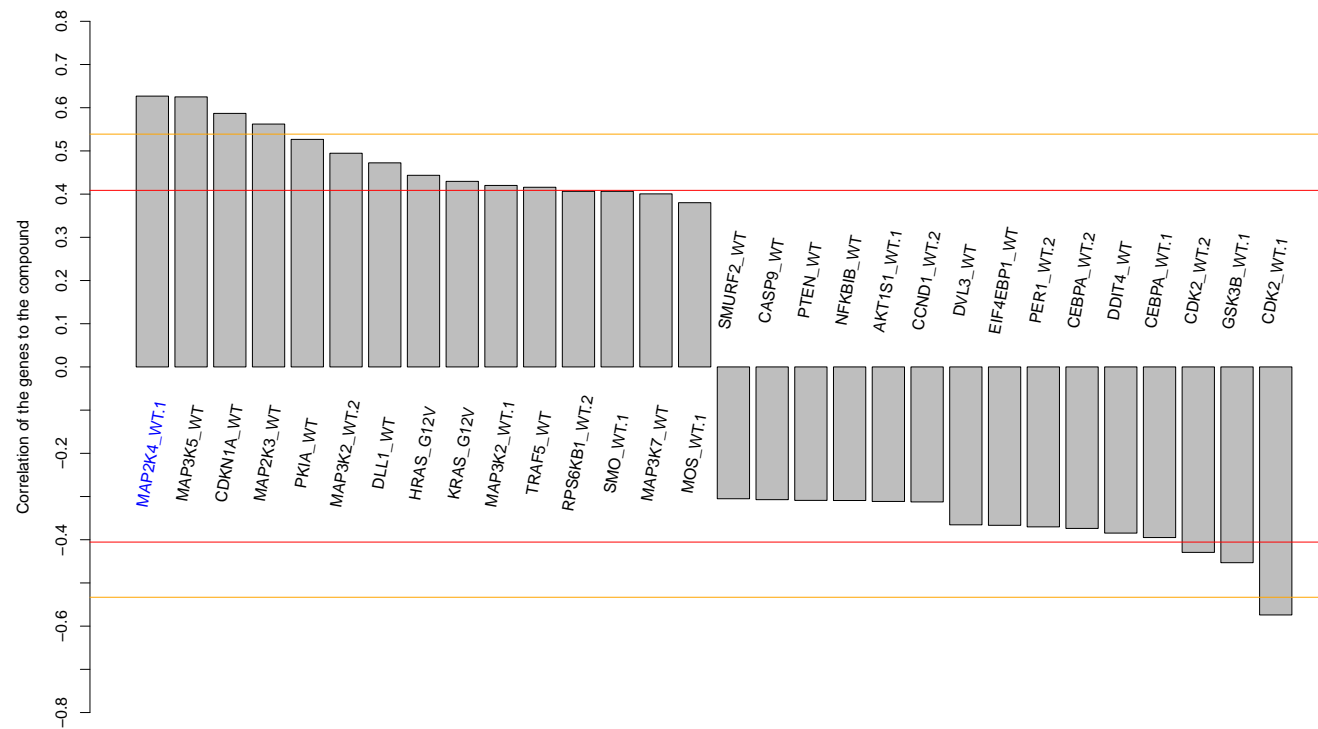
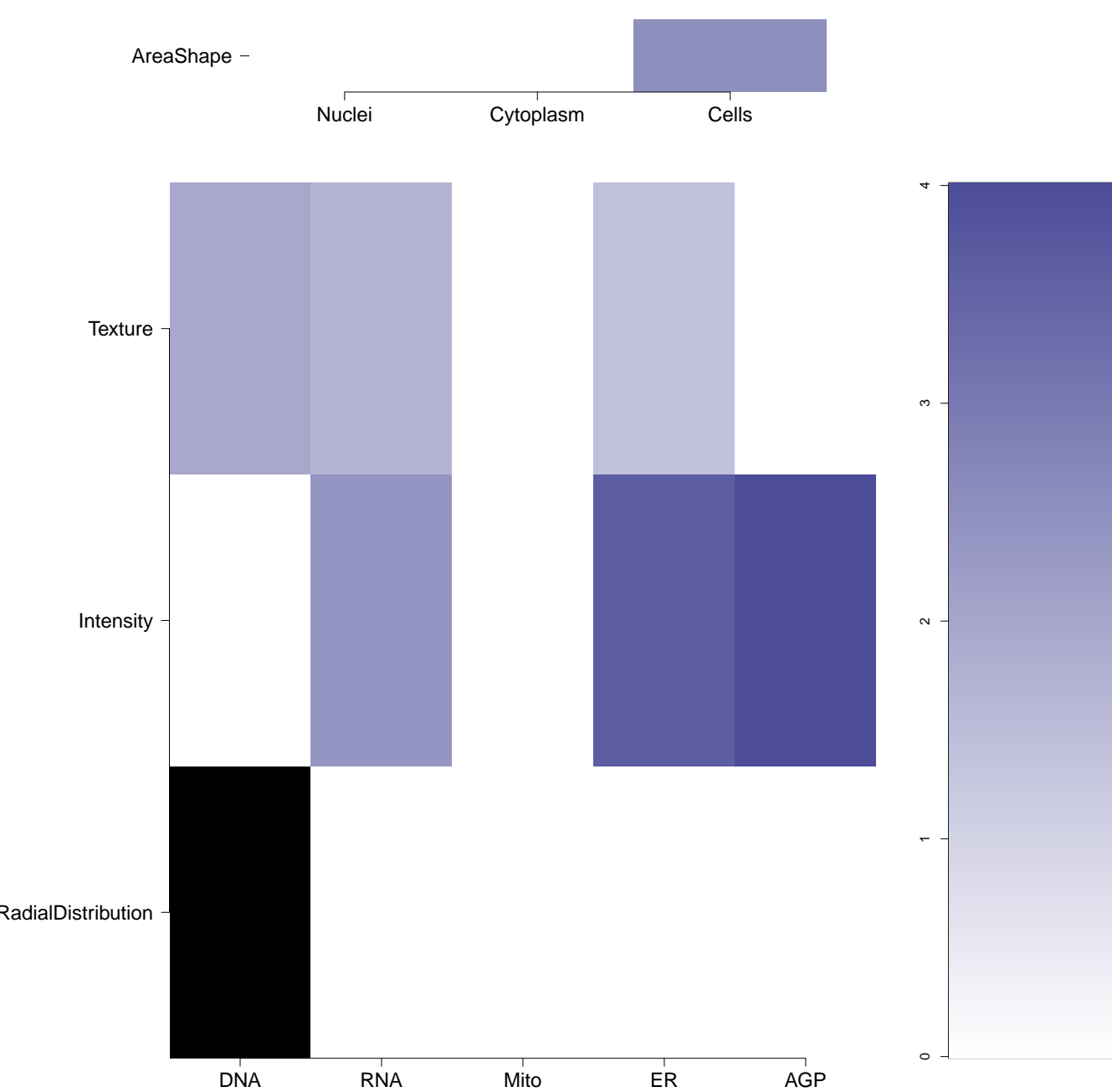
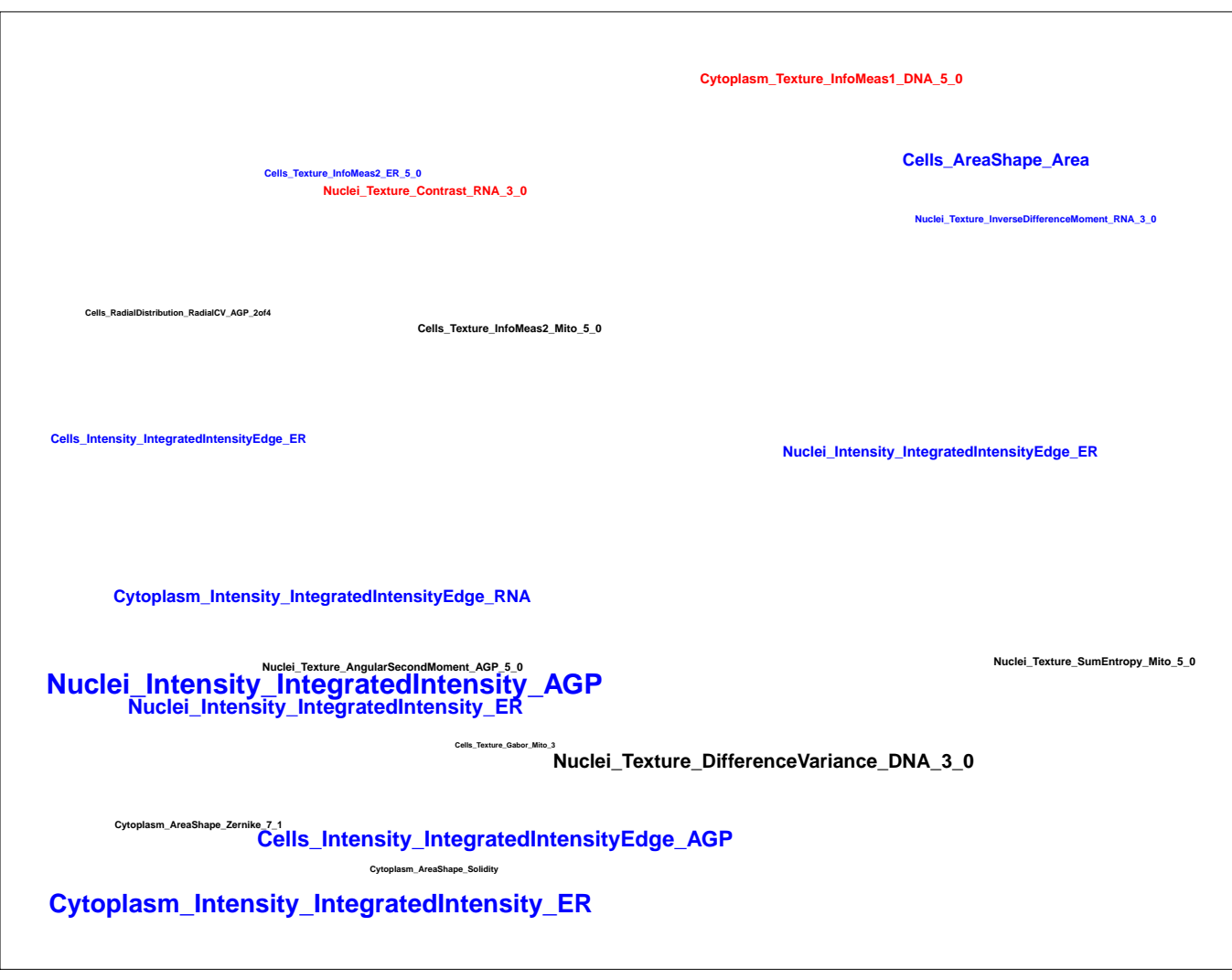
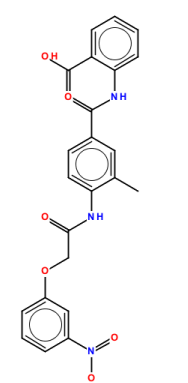
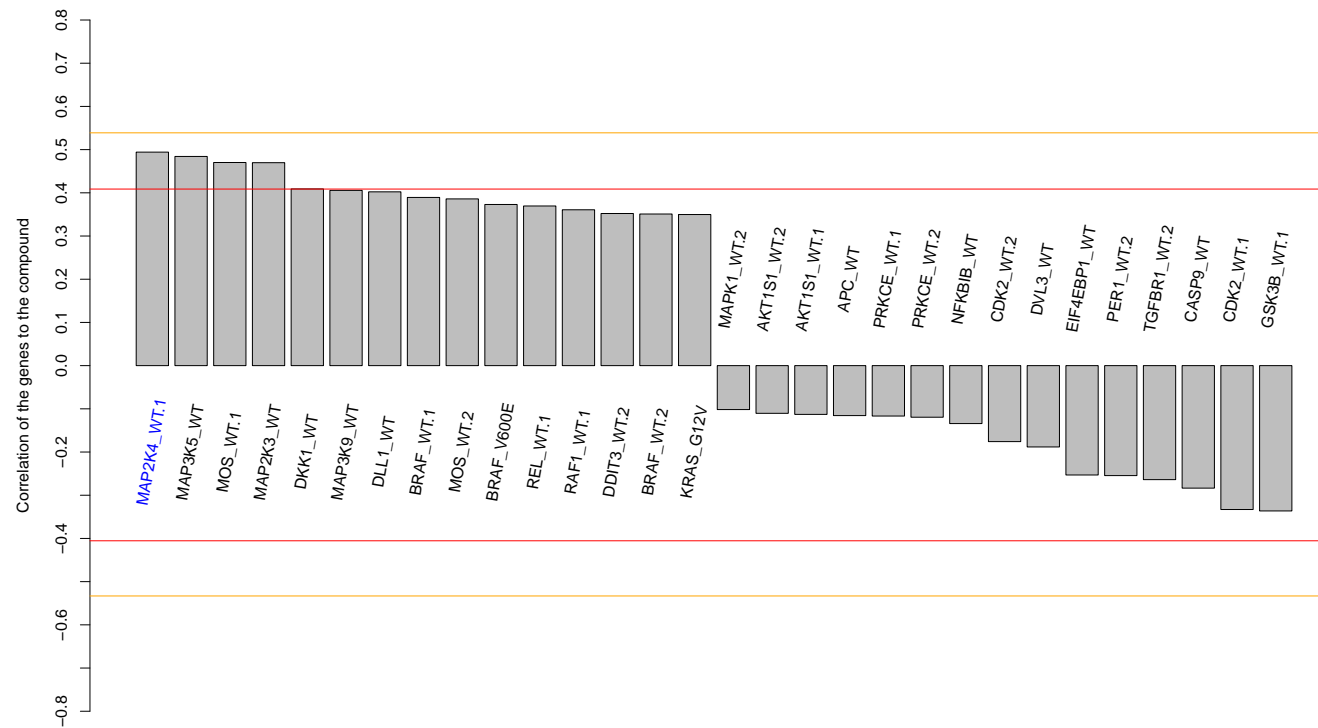
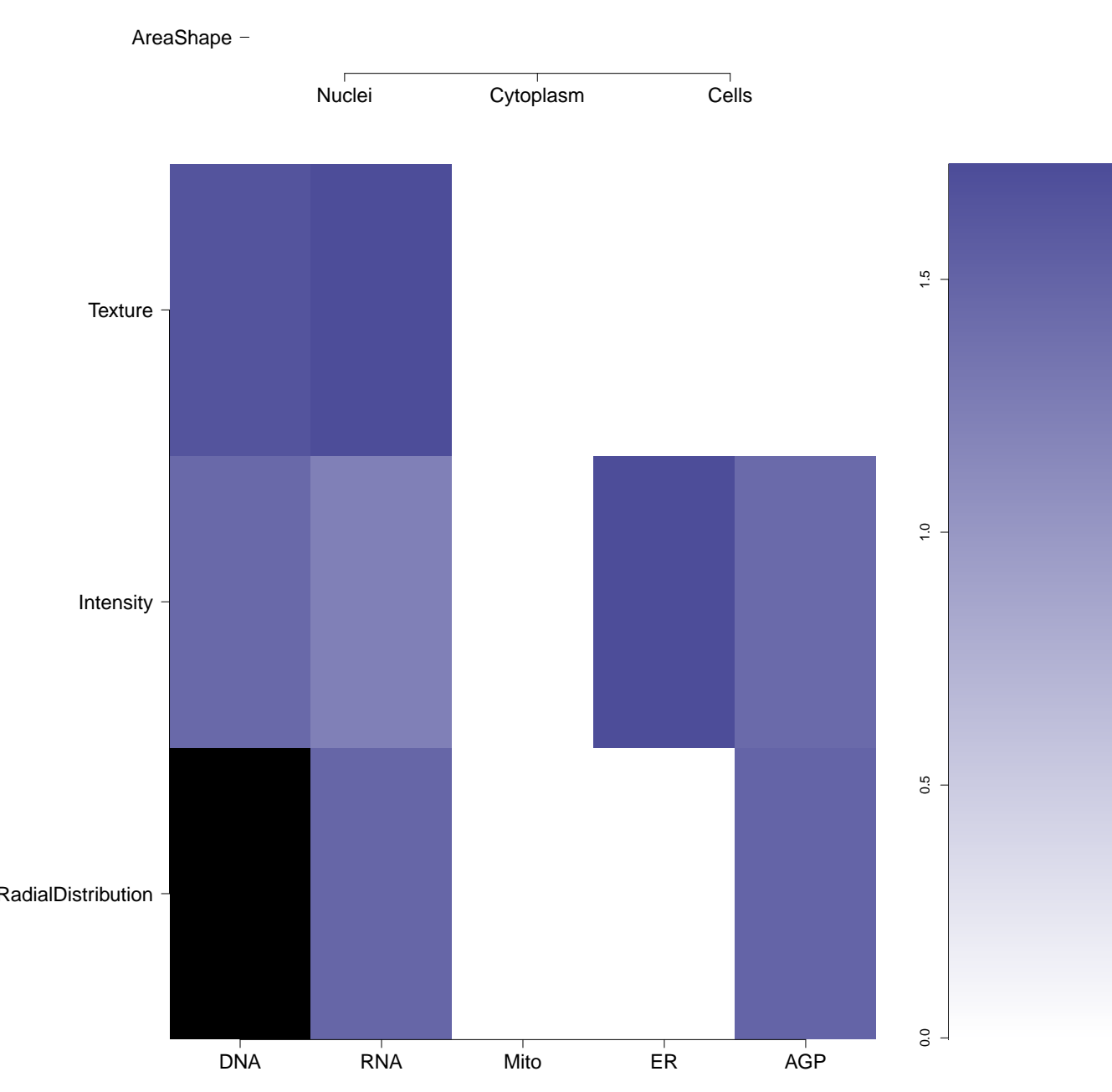

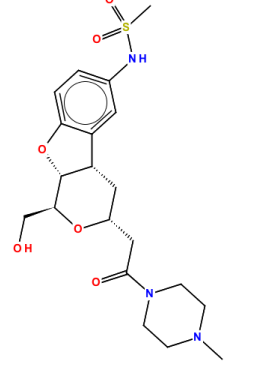
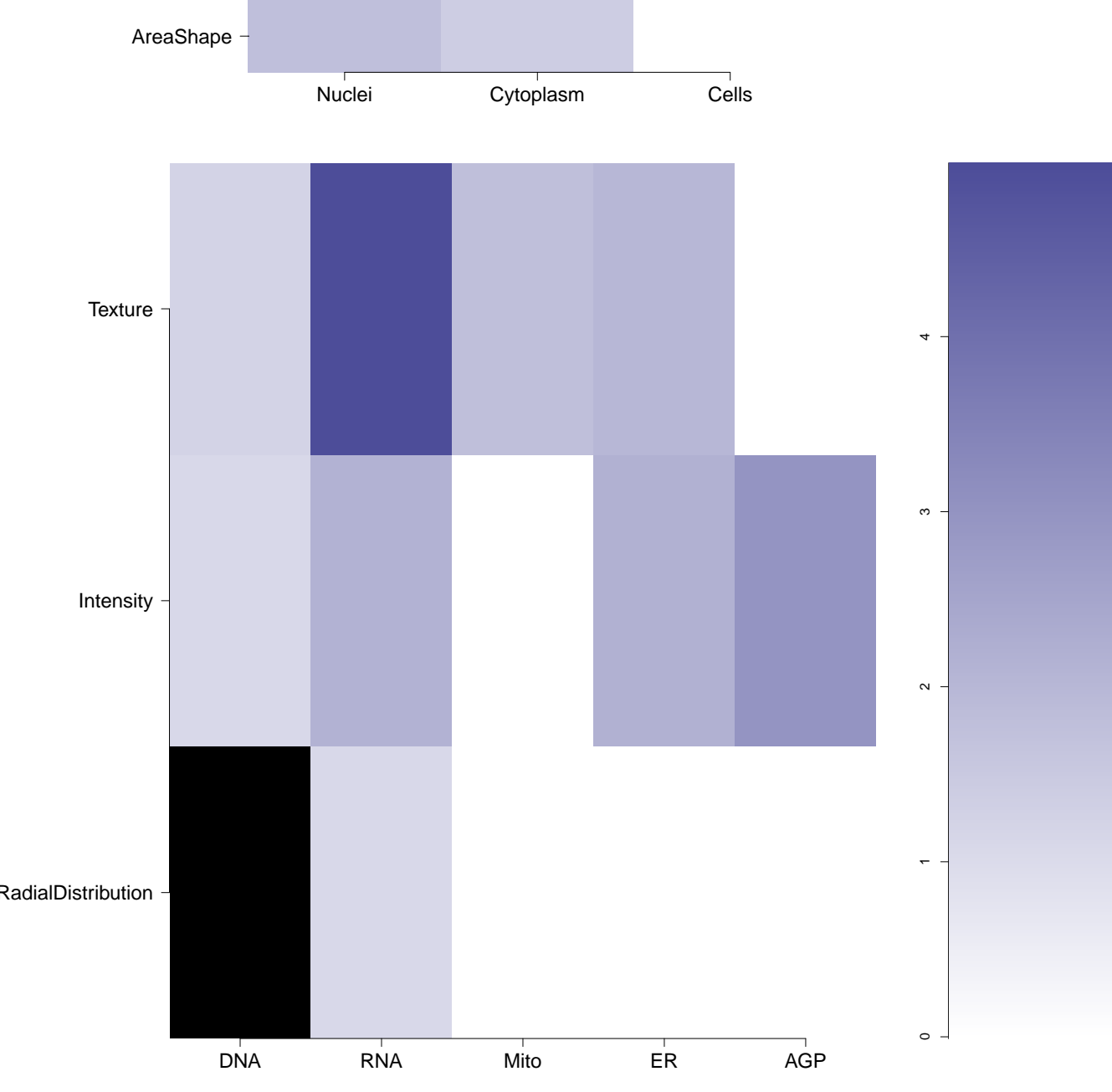
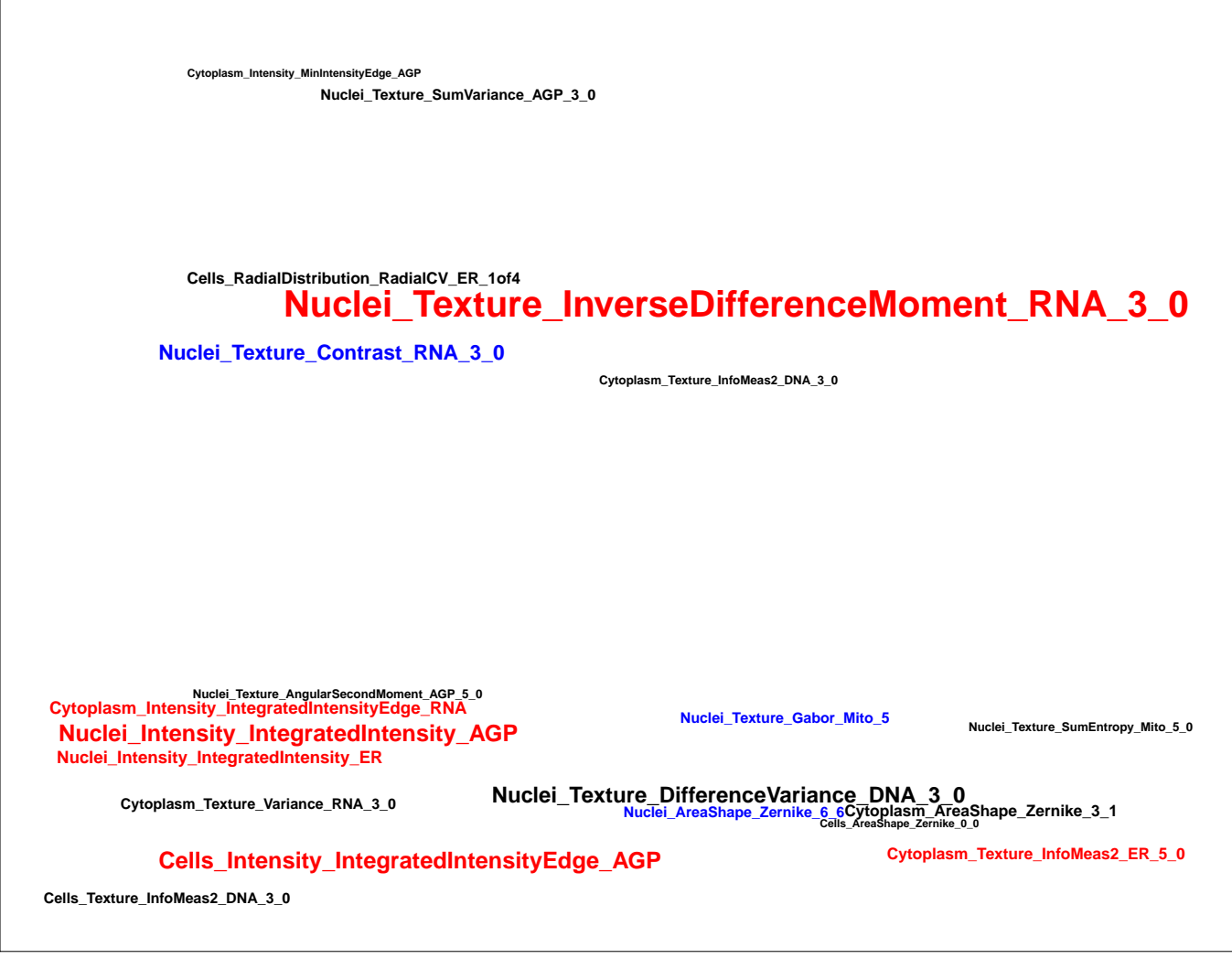
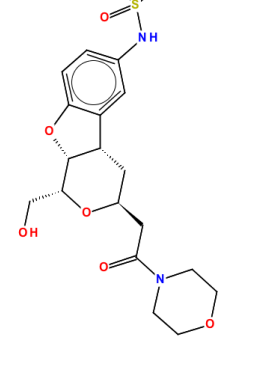
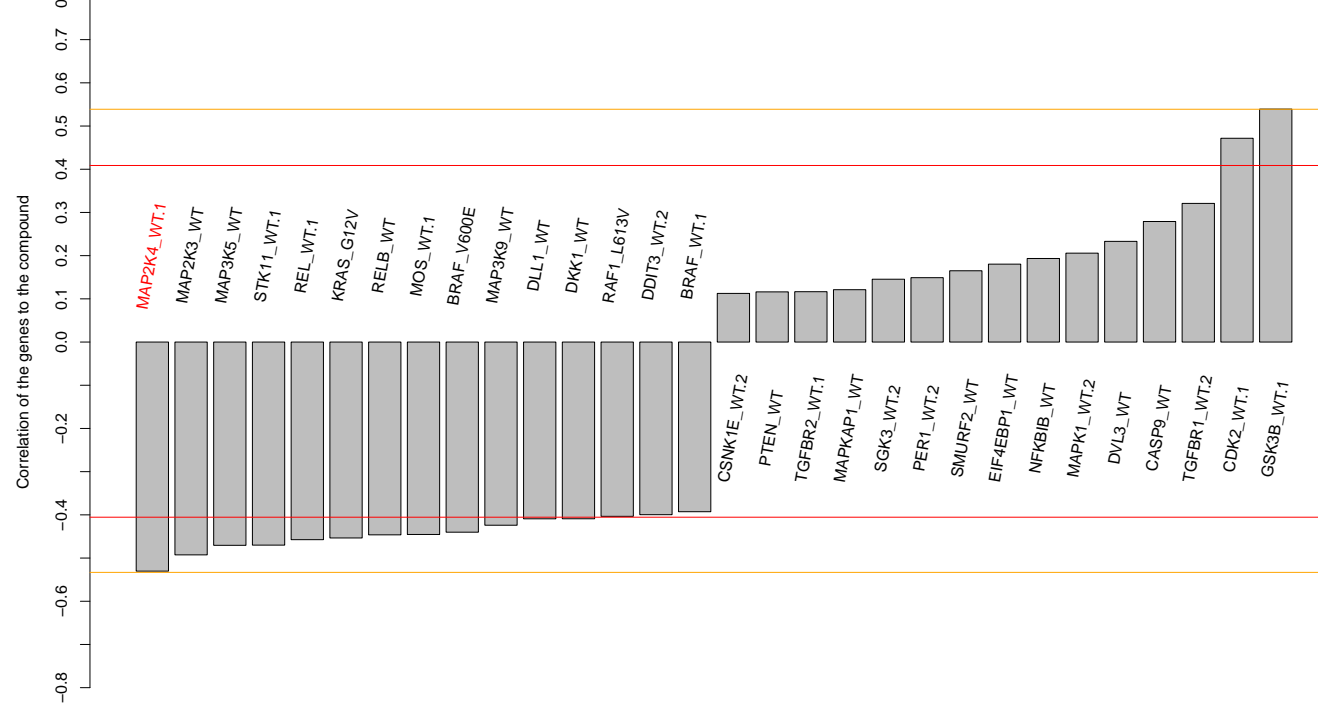
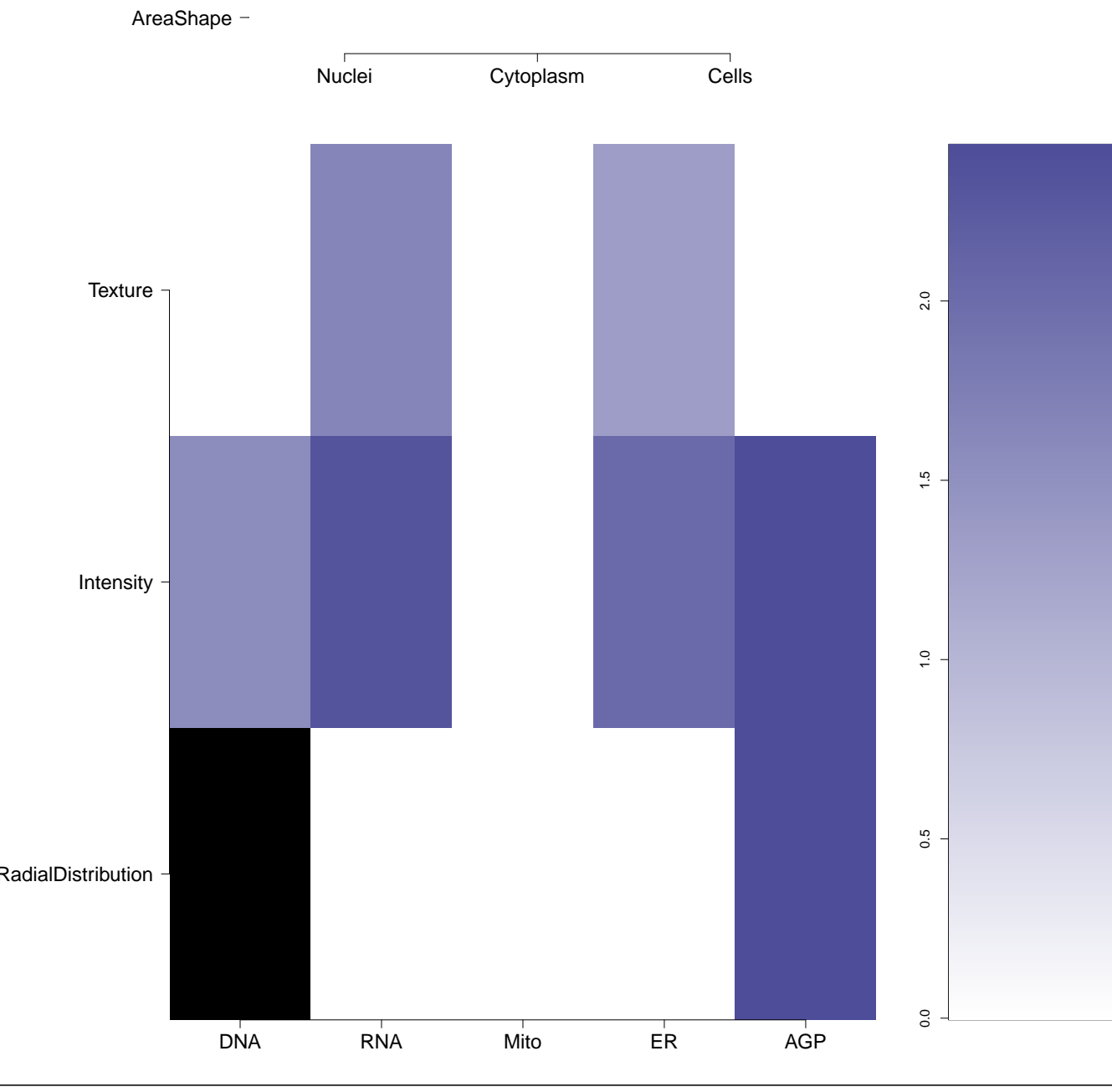

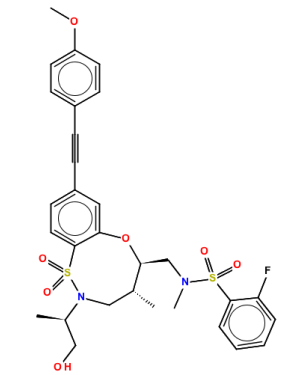
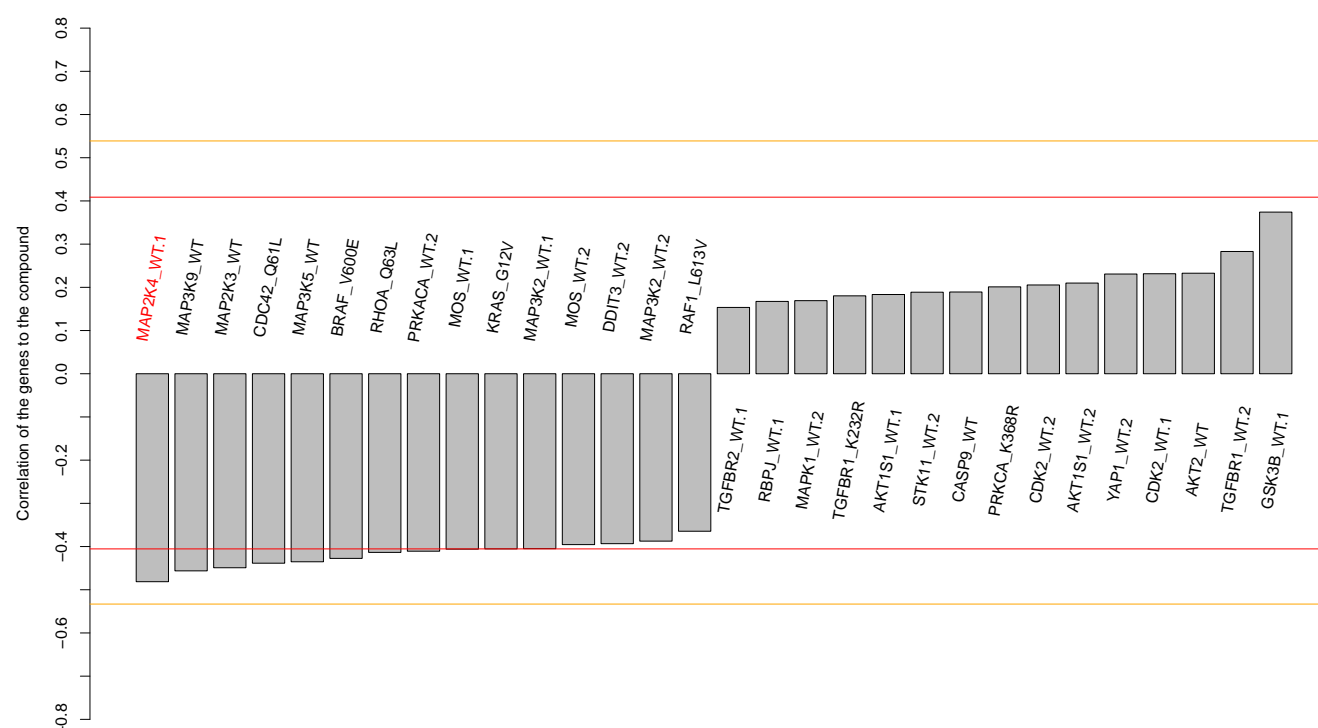
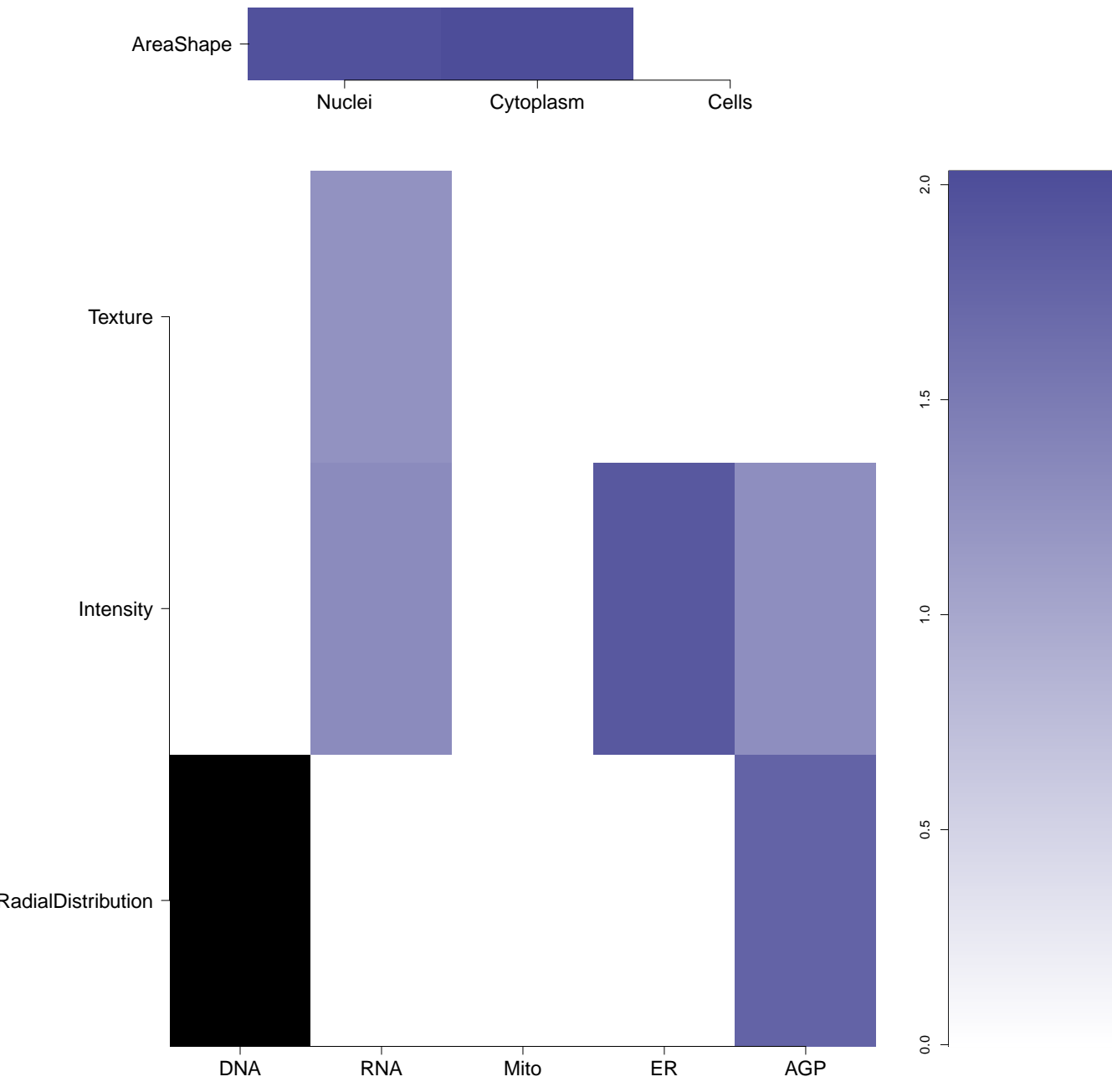

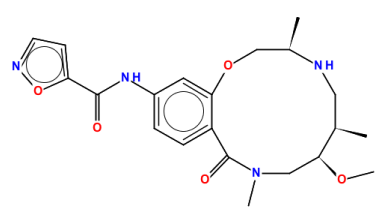
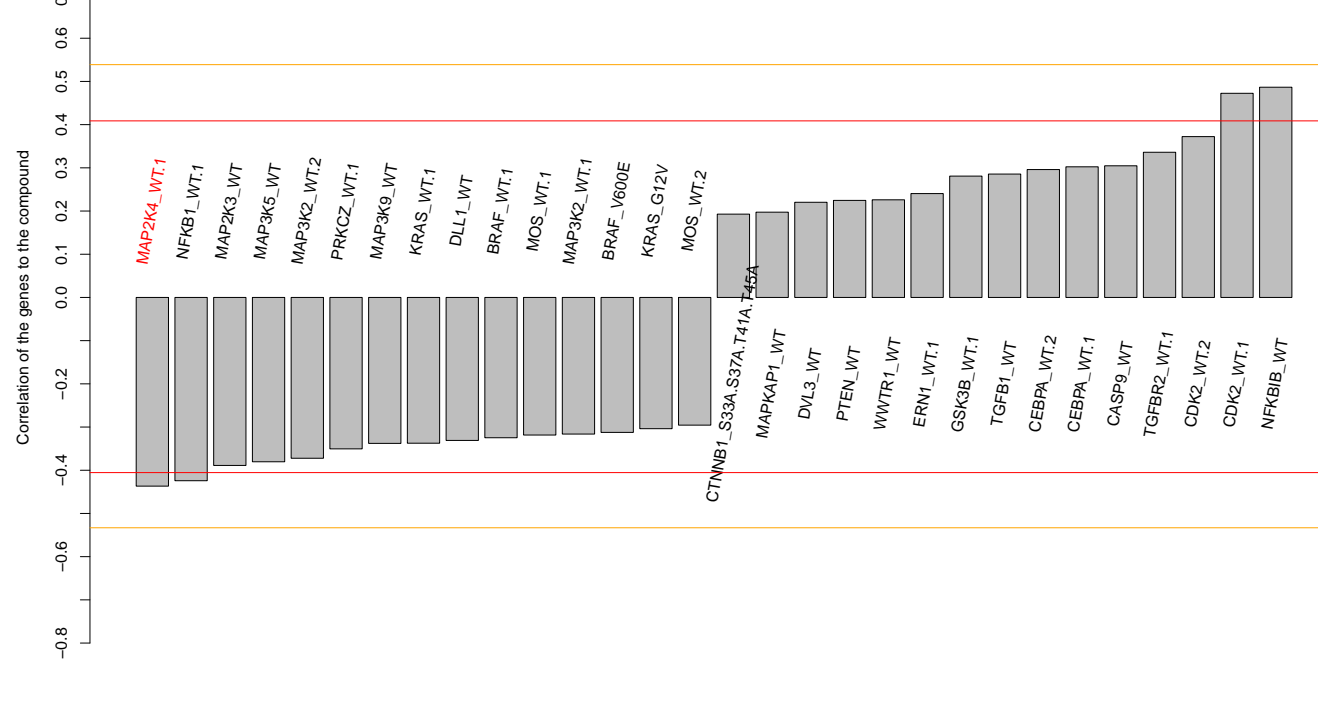
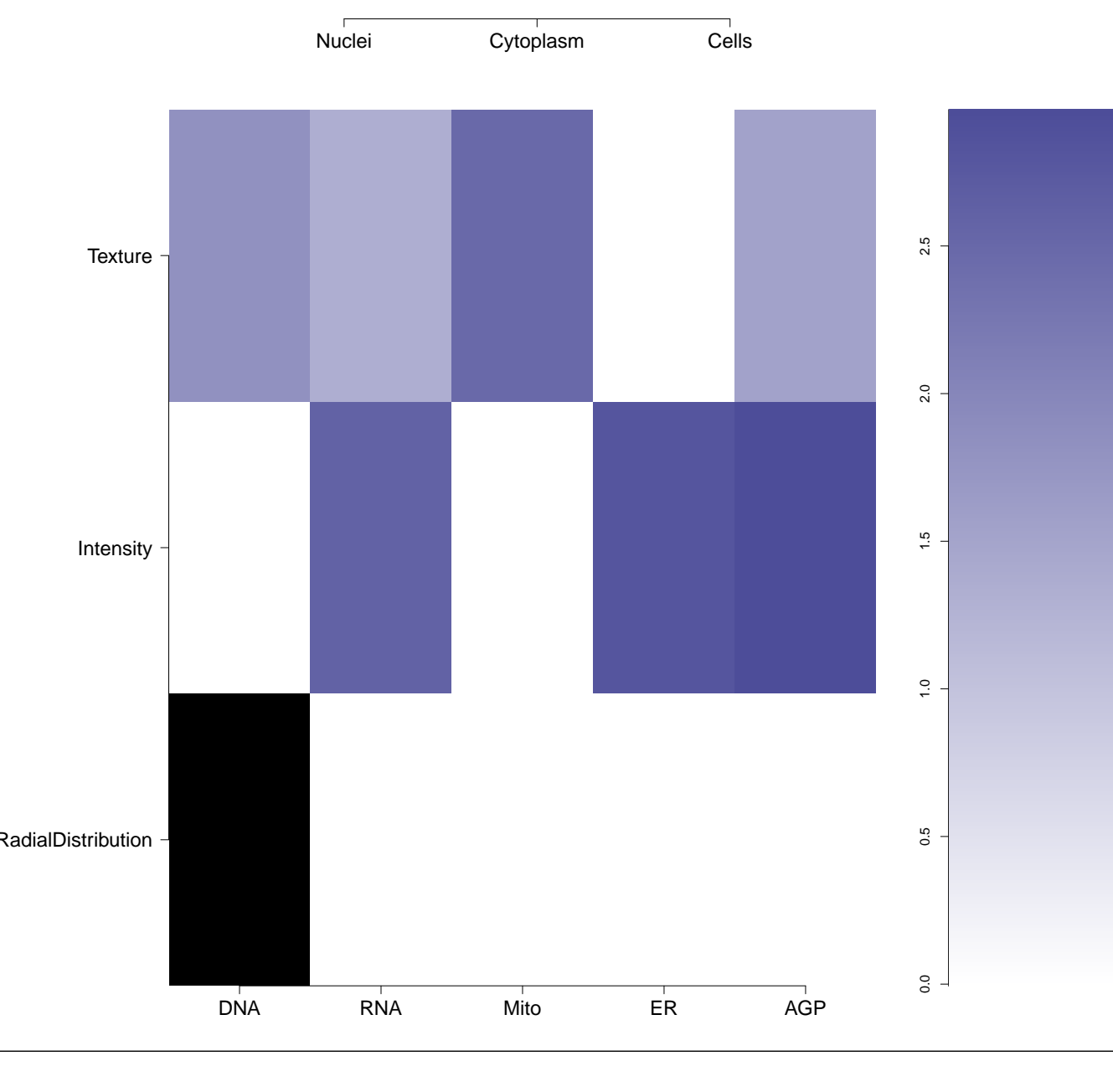

RNA



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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BRD-K38678832-001-01-6 PubChem CID : 54649109		0.70 (in 2 replicates)	0.63	0.723				Total number of assays tested in: 36.
BRD-K02057599-001-06-7 STK224087 MLS000621500 HMS2687F14 ZINC1141842 SMR000299597 PubChem CID : 1314386		0.62 (in 4 replicates)	0.49	NA				Total number of assays tested in: 632. Active in the following assays: <ul style="list-style-type: none"> Fluorescence Cell-Based Secondary Assay to Identify Inhibitors of Resistant C. albicans Growth in the Presence of Fluconazole (AID 2423) Fluorescence Cell-Based Retest of C. albicans Growth in the Presence of Fluconazole (AID 2467) qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)
BRD-K77953075-001-01-1 PubChem CID : 54646077		NA (in 1 replicates)	-0.63	0.954				Total number of assays tested in: 41.
BRD-K65279361-001-01-8 PubChem CID : 54648016		0.59 (in 3 replicates)	-0.53	NA				Total number of assays tested in: 36.
BRD-K26351062-001-01-5 PubChem CID : 54619397		0.52 (in 4 replicates)	-0.48	0.277				Total number of assays tested in: 37.
BRD-K07937631-001-01-6 PubChem CID : 54632048		0.75 (in 4 replicates)	-0.44	0.277				Total number of assays tested in: 31.