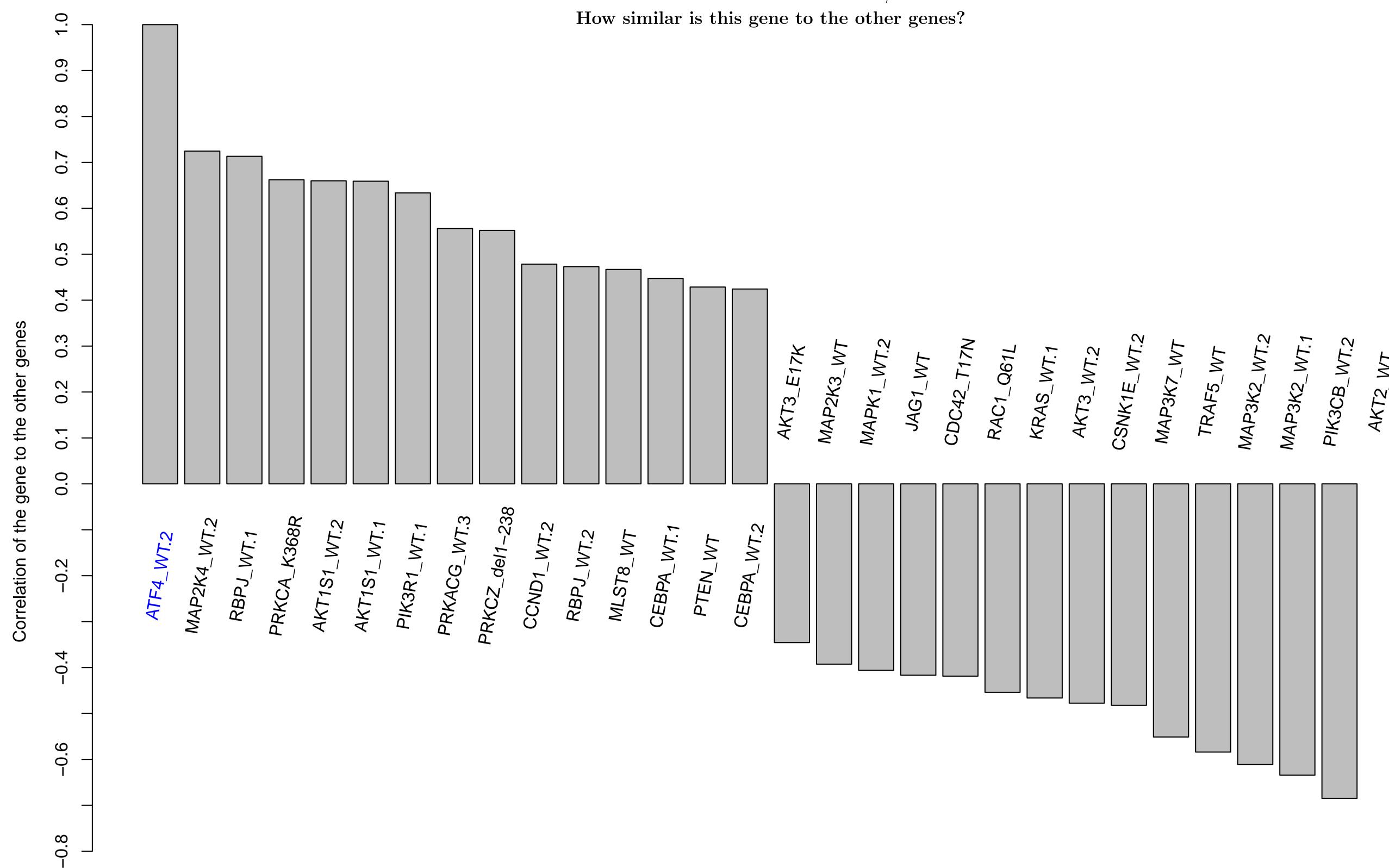
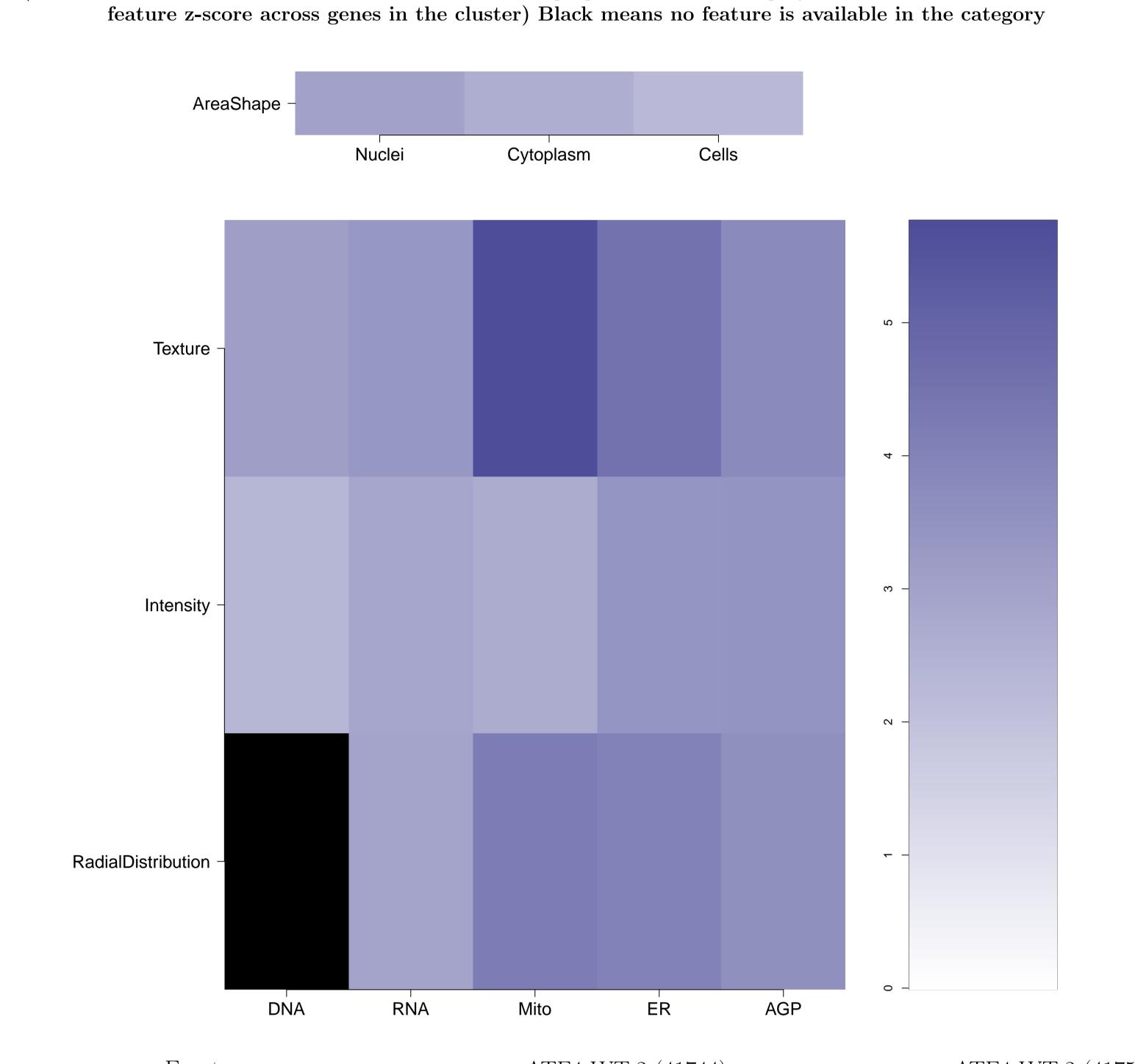
CONFIDENTIAL, contact the Imaging Platform to collaborate on the findings herein ATF4_WT.2 - in Canonical ER Stress/UPR

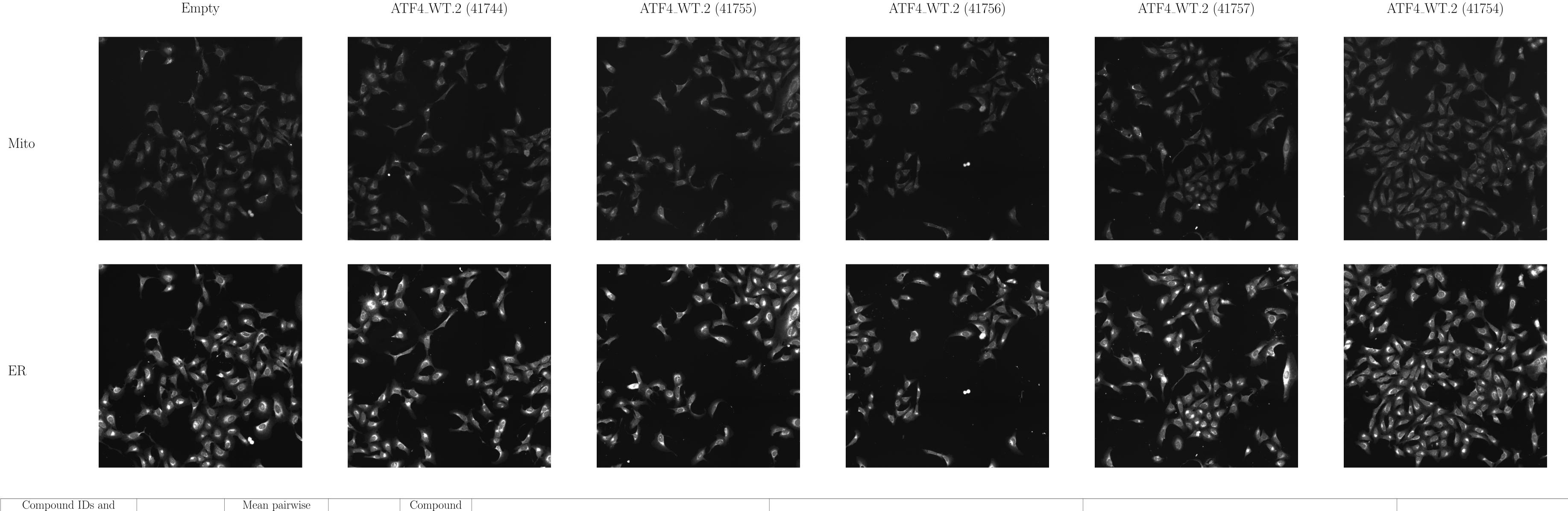


What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a



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.





common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster Chemical structure Positively/negatively correlated with the cluster Chemical structure Compound signature compound signature (95th DMSO replicate correlation is 0.52) Correlation to the genes in this compound signature to the genes in the compound signature to the genes in the compound signature to the genes in the gene relative to the untreated samples Common distinguishing feature categories in the compound and the genes of the compound and sagainst the gene relative to the untreated samples Common distinguishing individual features for the compound and sagainst the gene relative to the untreated samples Common distinguishing individual features for the compound and structure to the genes in this experiment? (Yellow and red lines correspond to top/bottom the gene relative to the untreated samples Shack means a mismatch; i.e. active (= 25 correlation to all the gene relative to the untreated samples Common distinguishing feature categories in the compound, and either inactive to the untreated samples Common distinguishing individual features for the compound and the gene relative to the untreated samples Common distinguishing individual features for the compound and the gene relative to the untreated samples Common distinguishing individual features for the compound and the gene relative to the untreated samples Common distinguishing individual features for the compound and the gene relative to the untreated samples Common distinguishing feature categories in the compound and the gene relative to the untreated samples Common distinguishing feature categories in the compound and the gene relative to the untreated samples Common distinguishing feature categori	high the compound was tested; assays in which the compound was active are
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