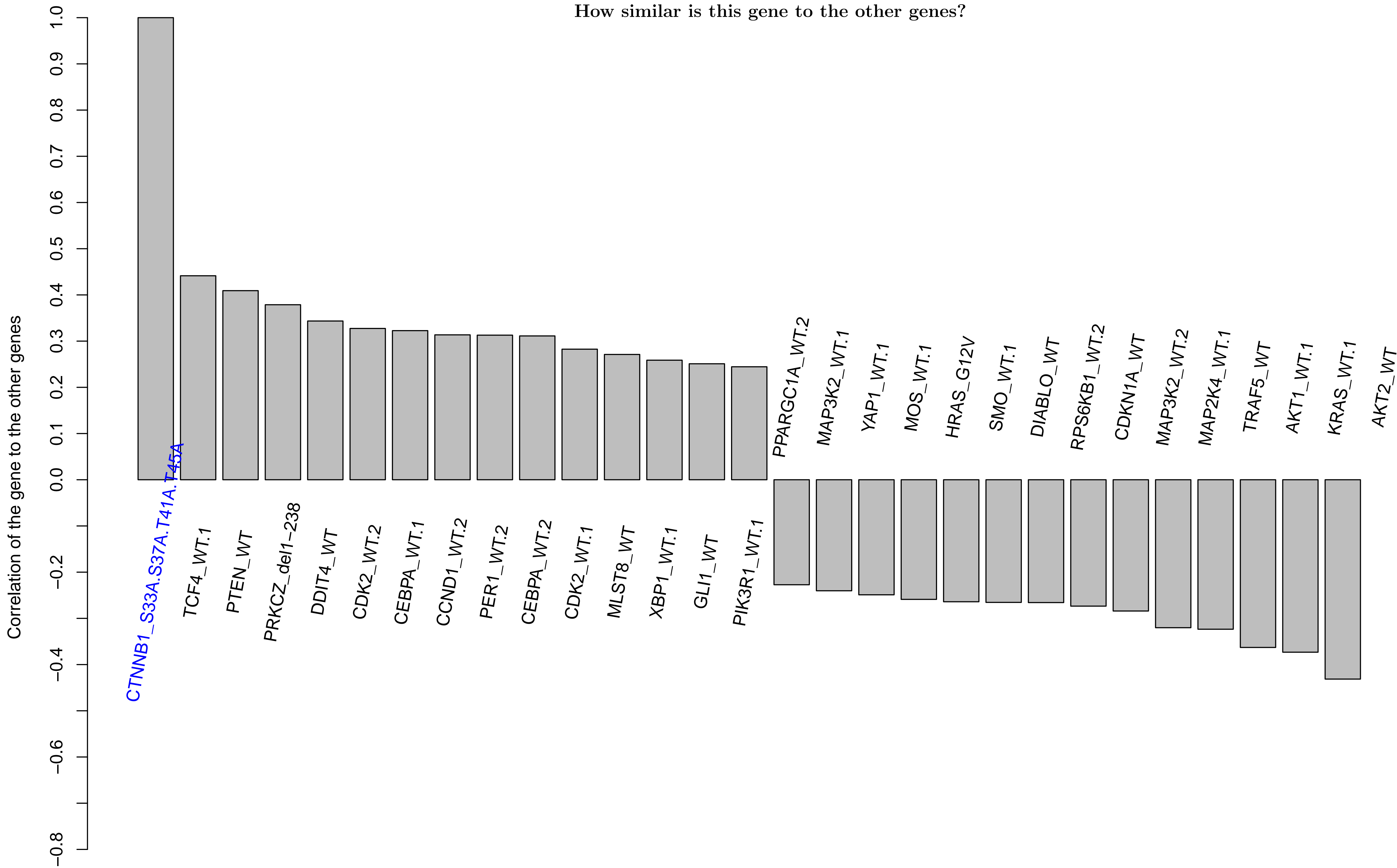
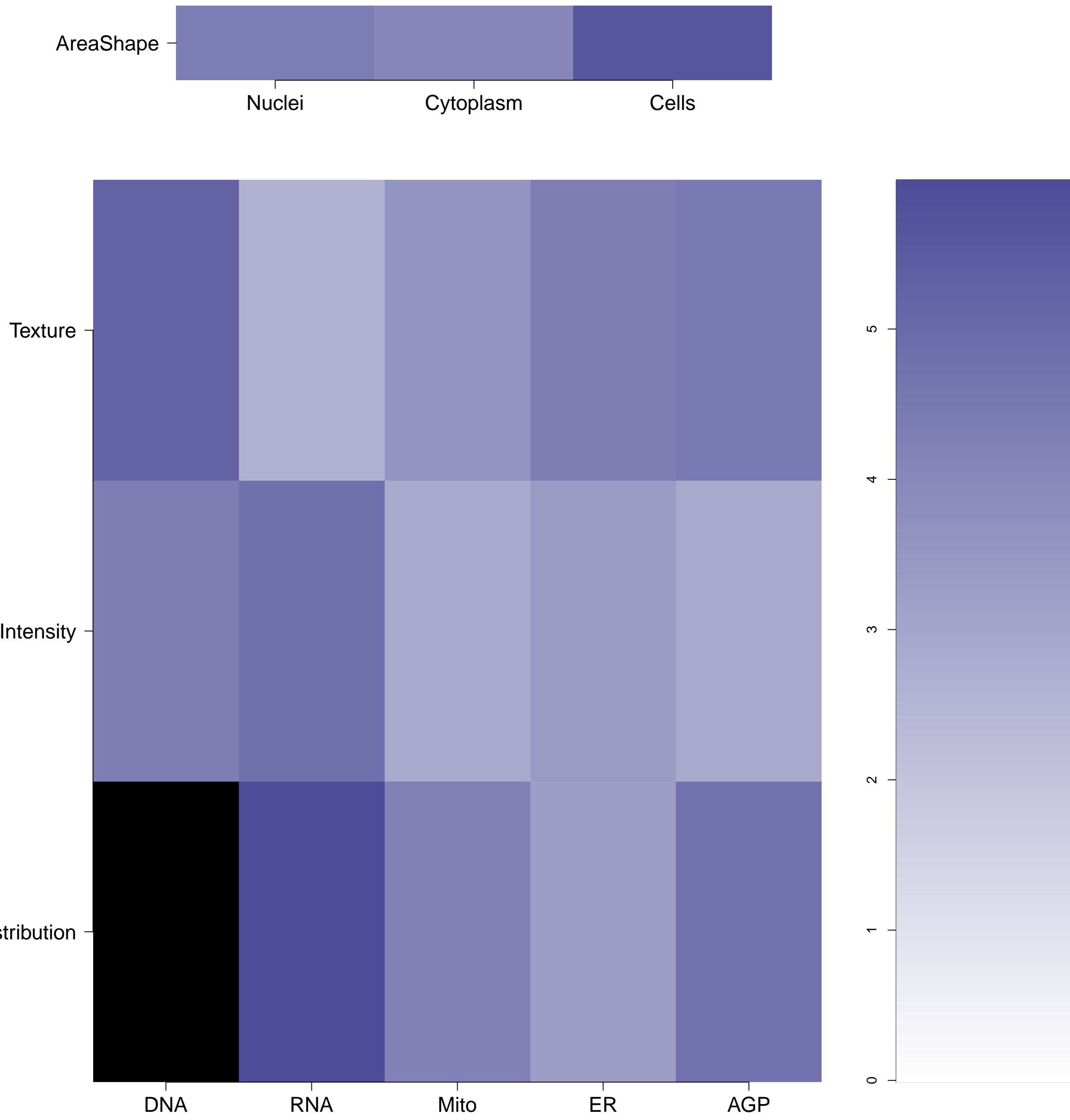


CTNNB1.S33A.S37A.T41A.T45A - in Canonical WNT

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

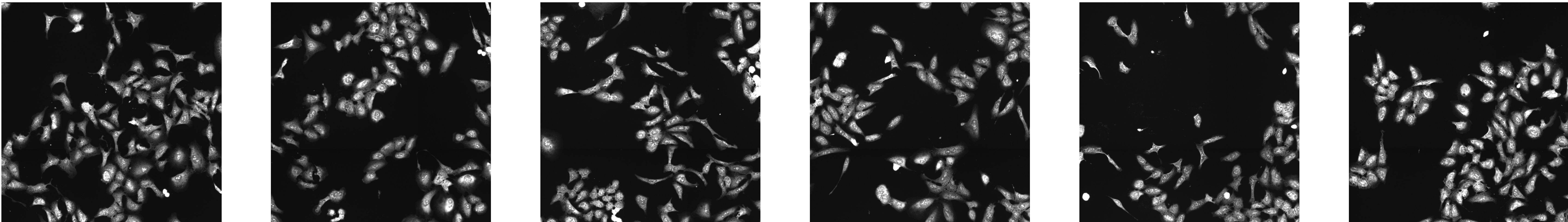


Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.

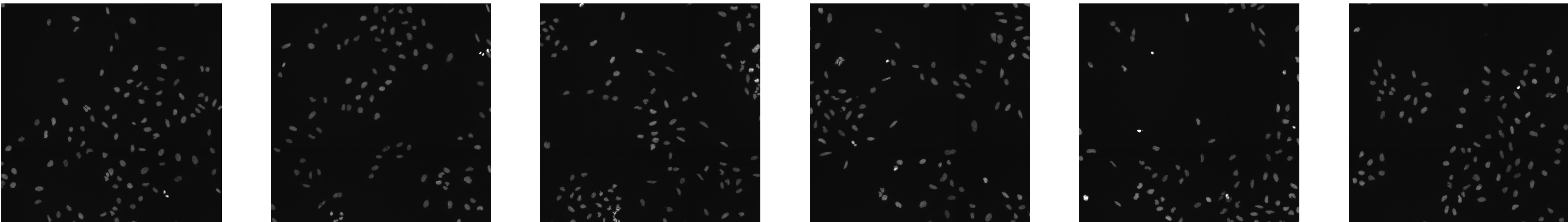


Empty CTNNB1.S33A.S37A.T41A.T45A (41744) CTNNB1.S33A.S37A.T41A.T45A (41755) CTNNB1.S33A.S37A.T41A.T45A (41756) CTNNB1.S33A.S37A.T41A.T45A (41757) CTNNB1.S33A.S37A.T41A.T45A (41754)

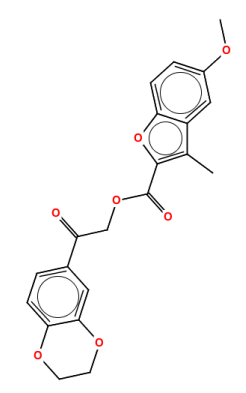
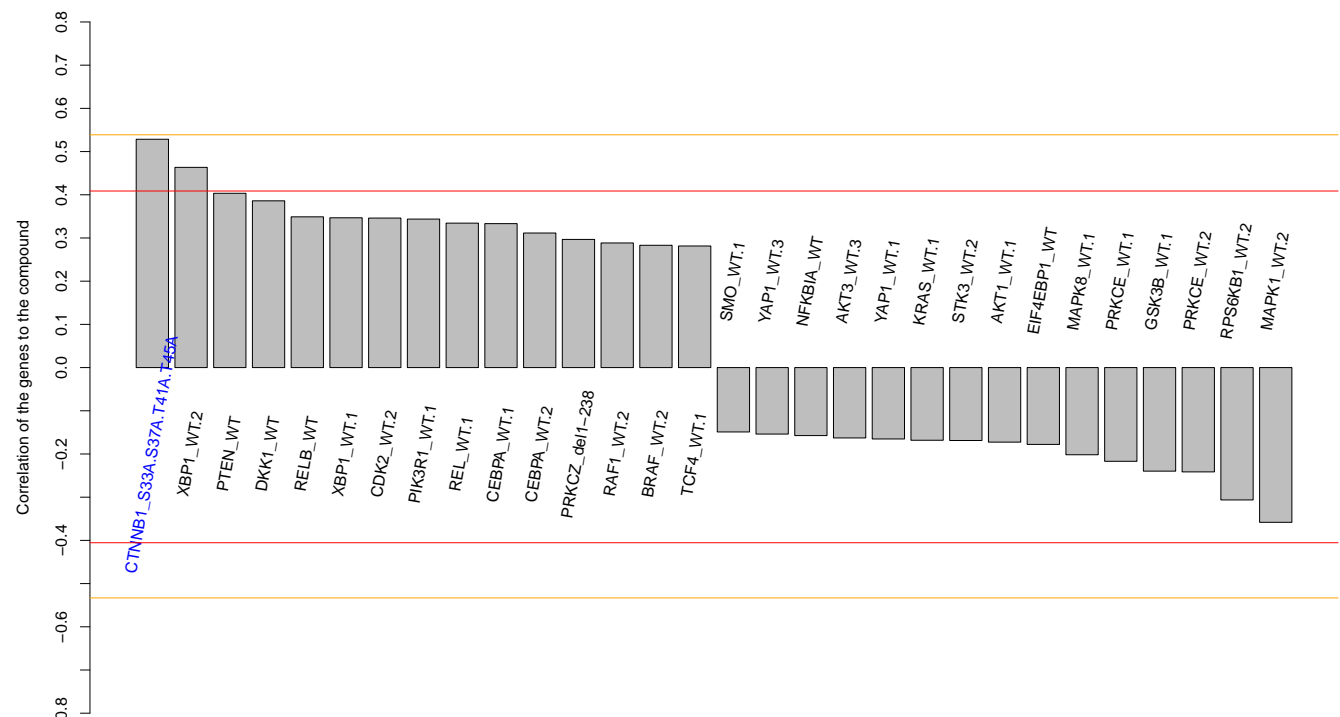
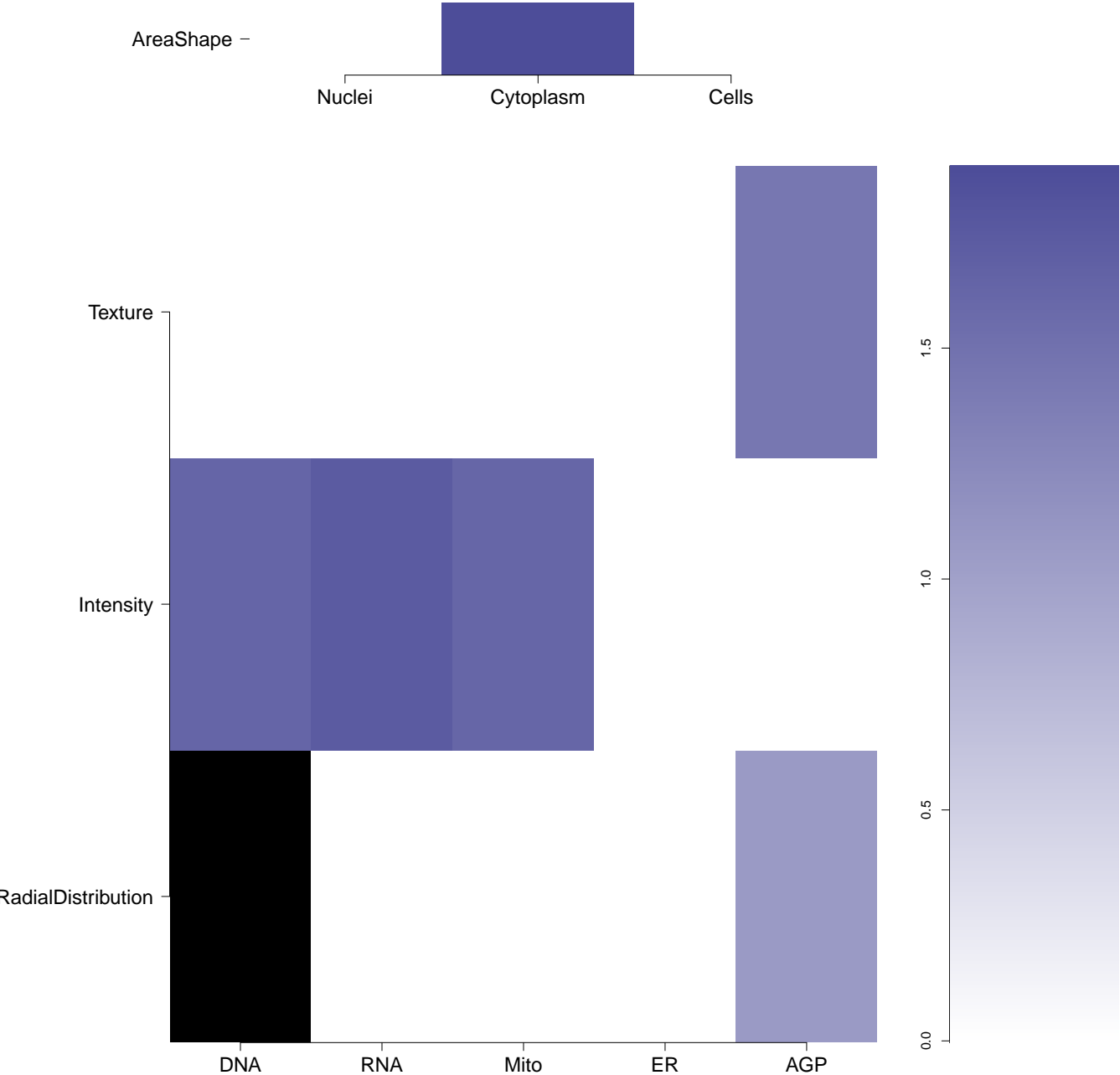

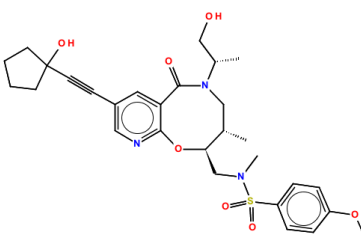
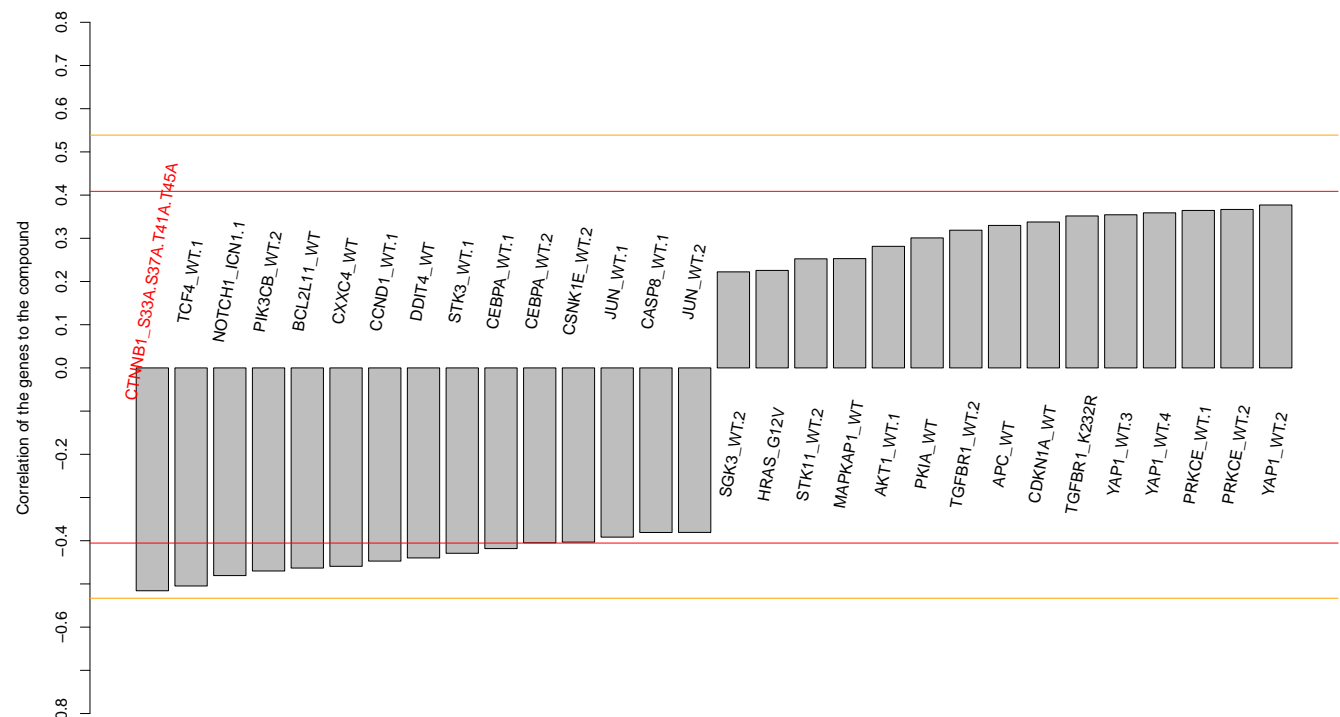
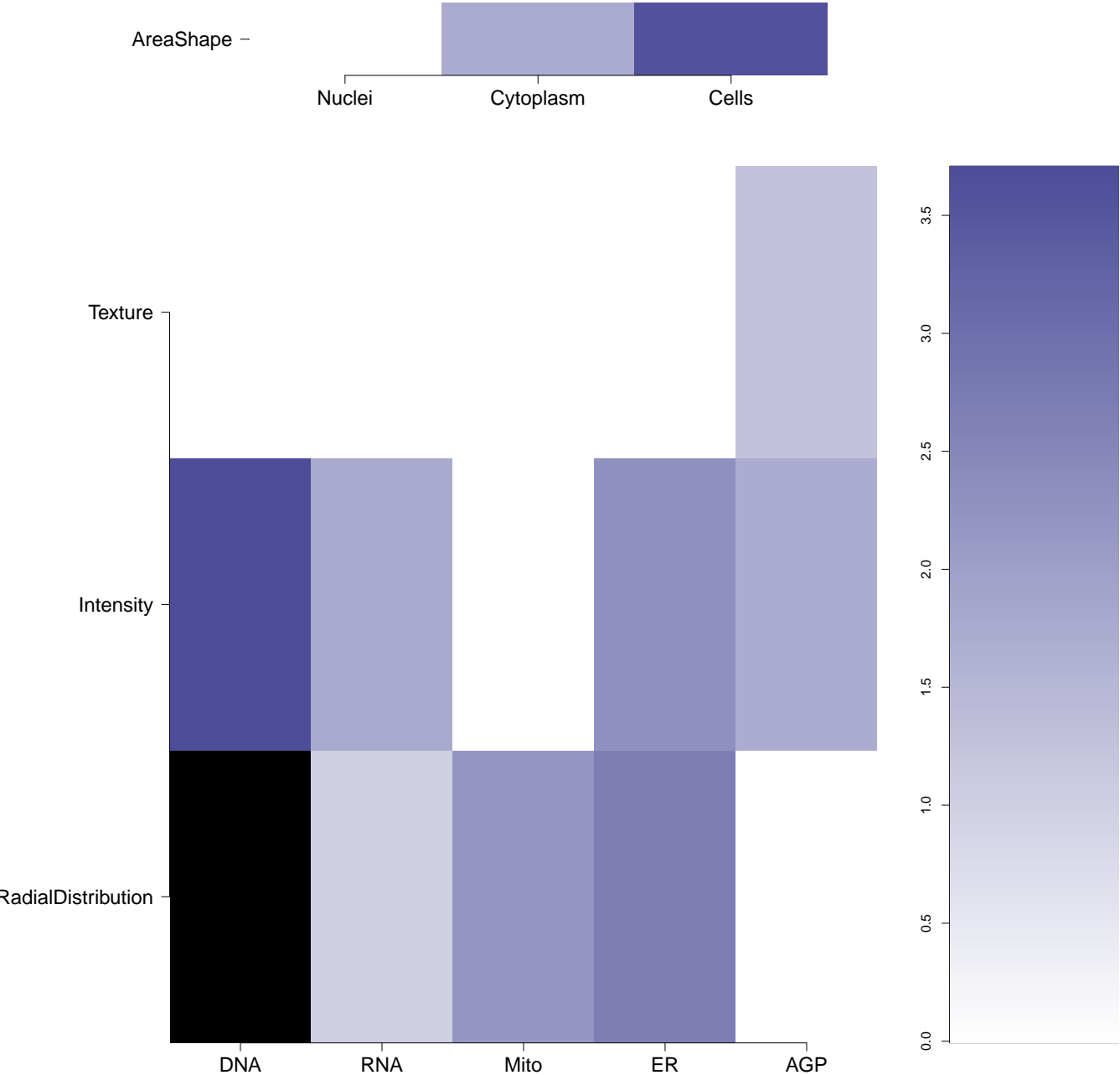

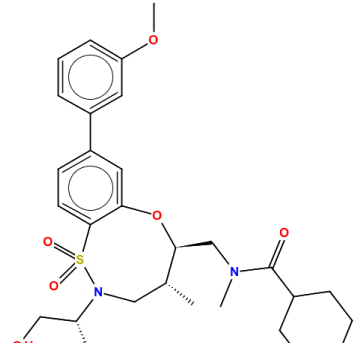
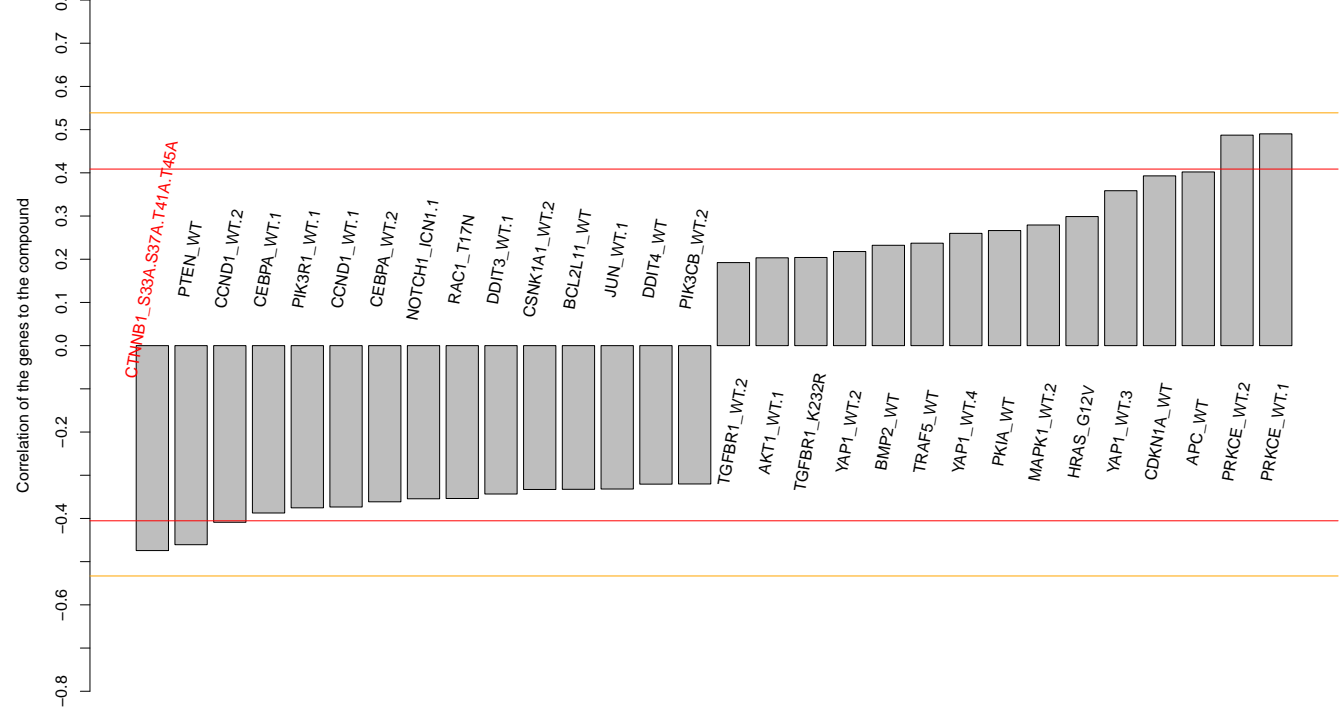
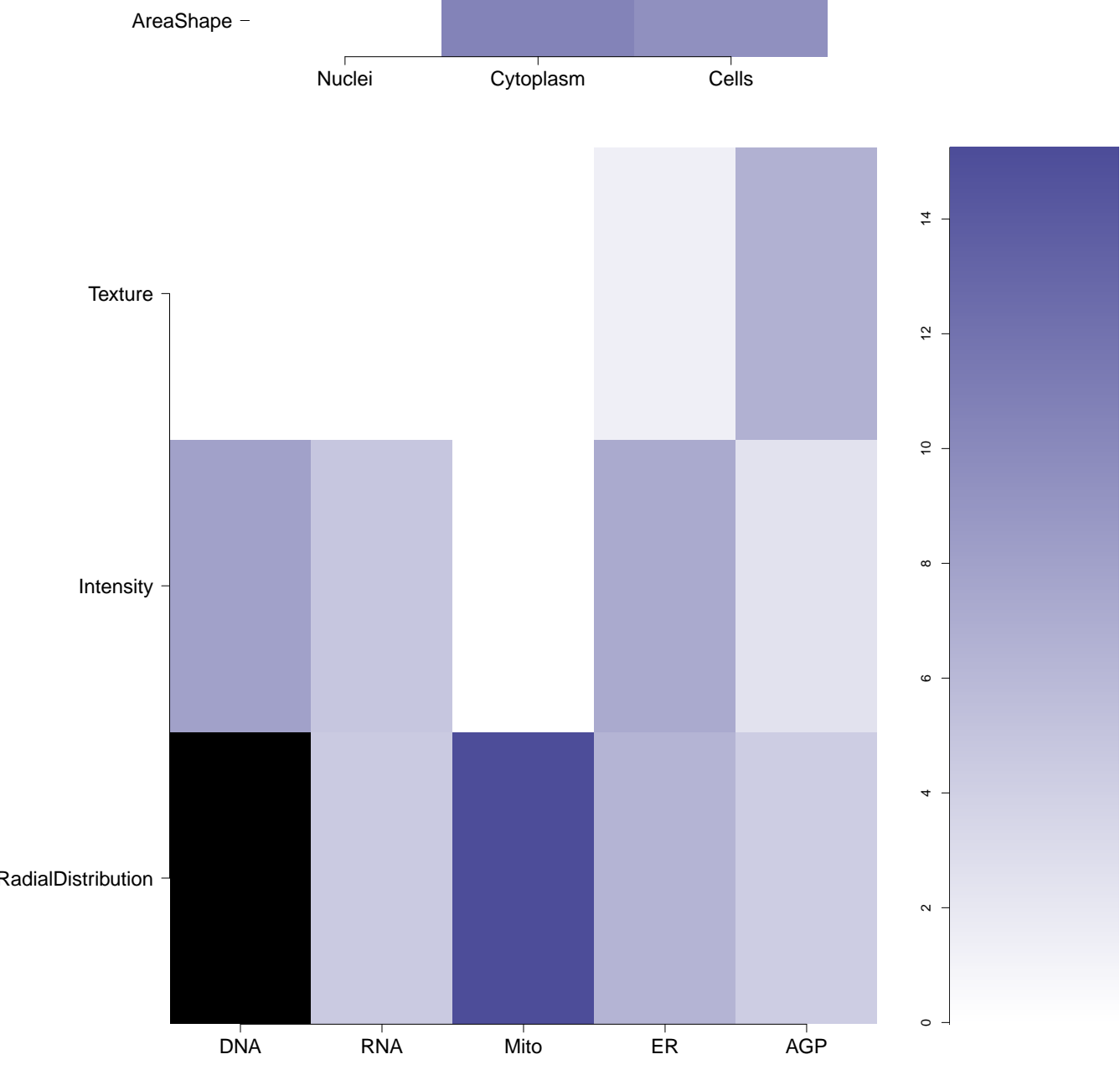

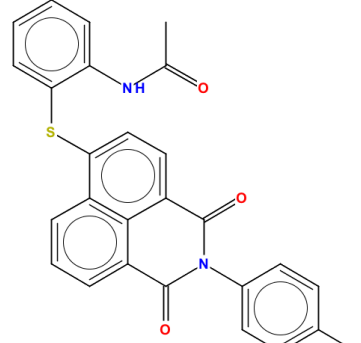
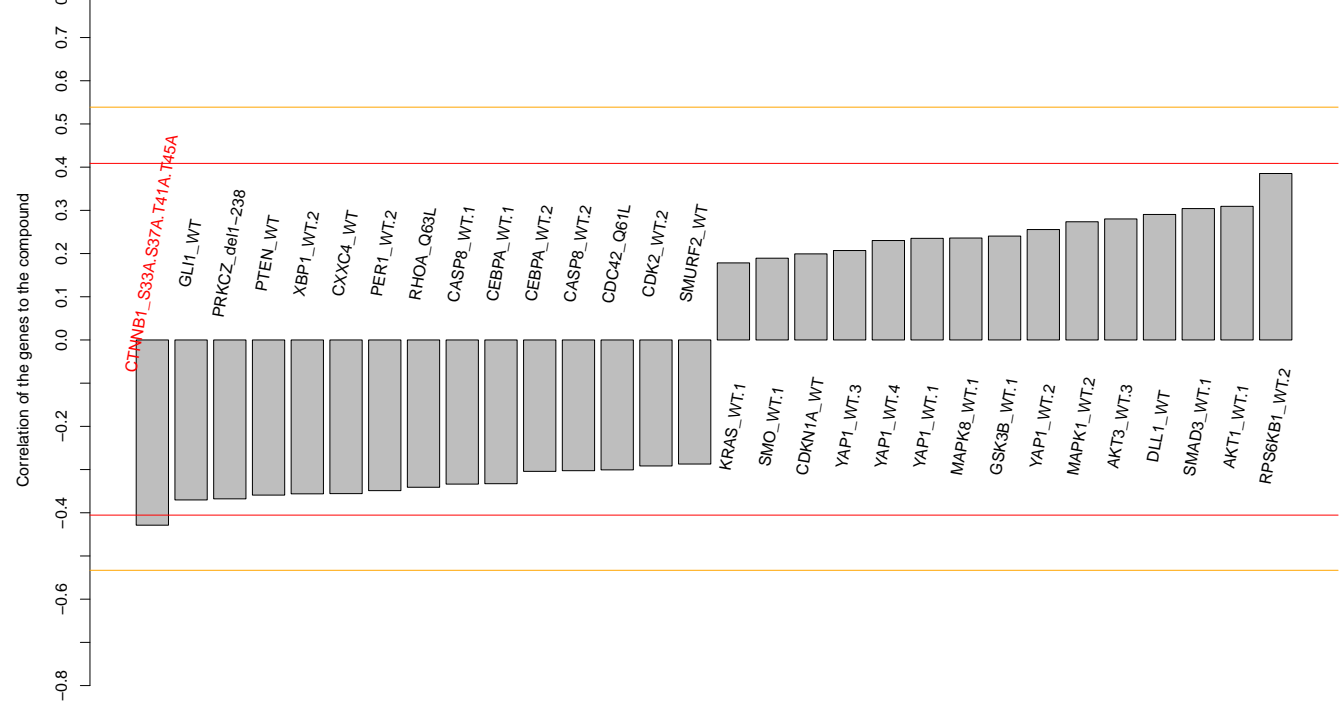
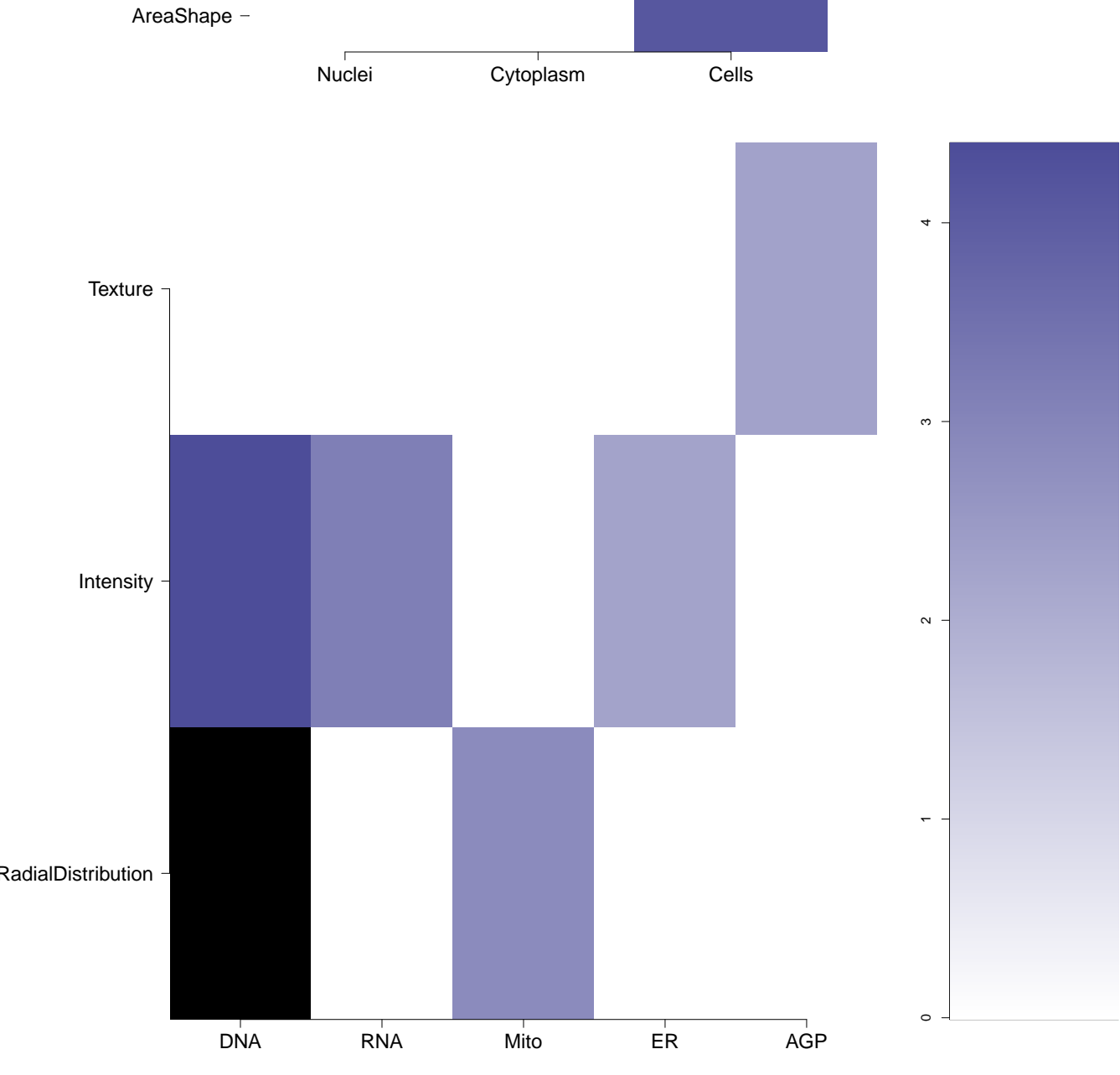

RNA



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 0.52)	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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<p>BRD-K43145155-001-05-9</p> <p>SMR000063978</p> <p>MLS000097792</p> <p>AC1M0KV1</p> <p>MLS002633552</p> <p>HMS2360B04</p> <p>ZINC2616846</p> <p>ZINC02616846</p> <p>T5256417</p> <p>PubChem CID : 2078656</p>		<p>0.78 (in 4 replicates)</p>	<p>0.53</p>	<p>NA</p>				<p>Total number of assays tested in: 765. Active in the following assays:</p> <ul style="list-style-type: none"> HTS of Estrogen Receptor- alpha Coactivator Binding Potentiators (AID 639) qHTS Assay for Agonists of the Thyroid Stimulating Hormone Receptor: Activators of Intracellular cAMP Concentrations in Parental HEK 293 (AID 938) In vivo-based yeast HTS to detect compounds rescuing yeast growth/survival of Plasmodium Falciparum HSP40-mediated toxicity Measured in Whole Organism System Using Plate Reader - 2120-01 Inhibitor Single-Point HTS Activity (AID 504582) qHTS for Inhibitors of binding or entry into cells for Lassa Virus (AID 540256) Whole cell Yeast HTS to identify compounds modulating the fidelity of the start codon recognition in eukaryotes. Measured in Whole Organism System Using Plate Reader - 2155-01 Other SinglePoint HTS Activity (AID 602363) HTS to identify compounds that promote myeloid differentiation with MLPCN compound set (AID 624256)
<p>BRD-K70054078-001-02-0</p> <p>MLS003130191</p> <p>SMR001834637</p> <p>PubChem CID : 46903589</p>		<p>0.69 (in 3 replicates)</p>	<p>-0.52</p>	<p>0.296</p>				<p>Total number of assays tested in: 213. Active in the following assays:</p> <ul style="list-style-type: none"> qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)
<p>BRD-K37226353-001-02-2</p> <p>SMR001834574</p> <p>PubChem CID : 46903528</p>		<p>0.88 (in 4 replicates)</p>	<p>-0.47</p>	<p>0.825</p>				<p>Total number of assays tested in: 215. Active in the following assays:</p> <ul style="list-style-type: none"> Counterscreen for inhibitors of 5-mCpG-binding domain protein 2 (MBD2): TRFRET-based biochemical primary high throughput screening assay to identify inhibitors of binding of ubiquitin-like with PHD and ring finger domains 1 (UHRF1) to methylated oligonucleotide (AID 687016)
<p>BRD-K10899866-001-05-0</p> <p>SMR000174427</p> <p>MLS000559786</p> <p>ST047900</p> <p>AC1MJX6J</p> <p>BDBM90126</p> <p>HMS2537E04</p> <p>ZINC8690240</p> <p>STK762750</p> <p>ZINC08690240</p> <p>BAS 00320722</p> <p>EU-0052513</p> <p>PubChem CID : 3099735</p>		<p>NA (in 1 replicates)</p>	<p>-0.43</p>	<p>NA</p>				<p>Total number of assays tested in: 647. Active in the following assays:</p> <ul style="list-style-type: none"> qHTS of McI-1/Bid interaction inhibitors (AID 1021) Primary HTS assay for chemical inhibitors of TNF alpha stimulated E-Selectin expression (AID 1246) Dose Response Confirmation for McI-1/Bid Interaction Inhibitors (AID 1418) qHTS identification of small molecule activators of the adaptive arm of the Unfolded Protein response via a luminescent-based reporter assay (AID 463104) Single concentration confirmation of small molecule activators of the adaptive arm of the Unfolded Protein response via a luminescent-based reporter assay (AID 485299) MITF Measured in Cell-Based System Using Plate Reader - 2084-01 Inhibitor SinglePoint HTS Activity (AID 488899) qHTS Colorimetric assay for identification of inhibitors of Src-1 (AID 493991) qHTS identification of DNMT1 inhibitors in a Fluorescent Molecular Beacon assay (AID 588458) qHTS identification of agonists of the CRF-binding protein and CRF-R2 receptor complex (AID 588473) qHTS identification of inhibitors of Rpn11 in a Fluorescent Polarization assay (AID 588493) Fluorescence-based cell-based primary high throughput screening assay to identify agonists of the human trace amine associated receptor 1 (TAAR1) (AID 624467) 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) Counterscreen for inhibitors of 5-mCpG-binding domain protein 2 (MBD2): TRFRET-based biochemical primary high throughput screening assay to identify inhibitors of binding of ubiquitin-like with PHD and ring finger domains 1 (UHRF1) to methylated oligonucleotide (AID 687016)