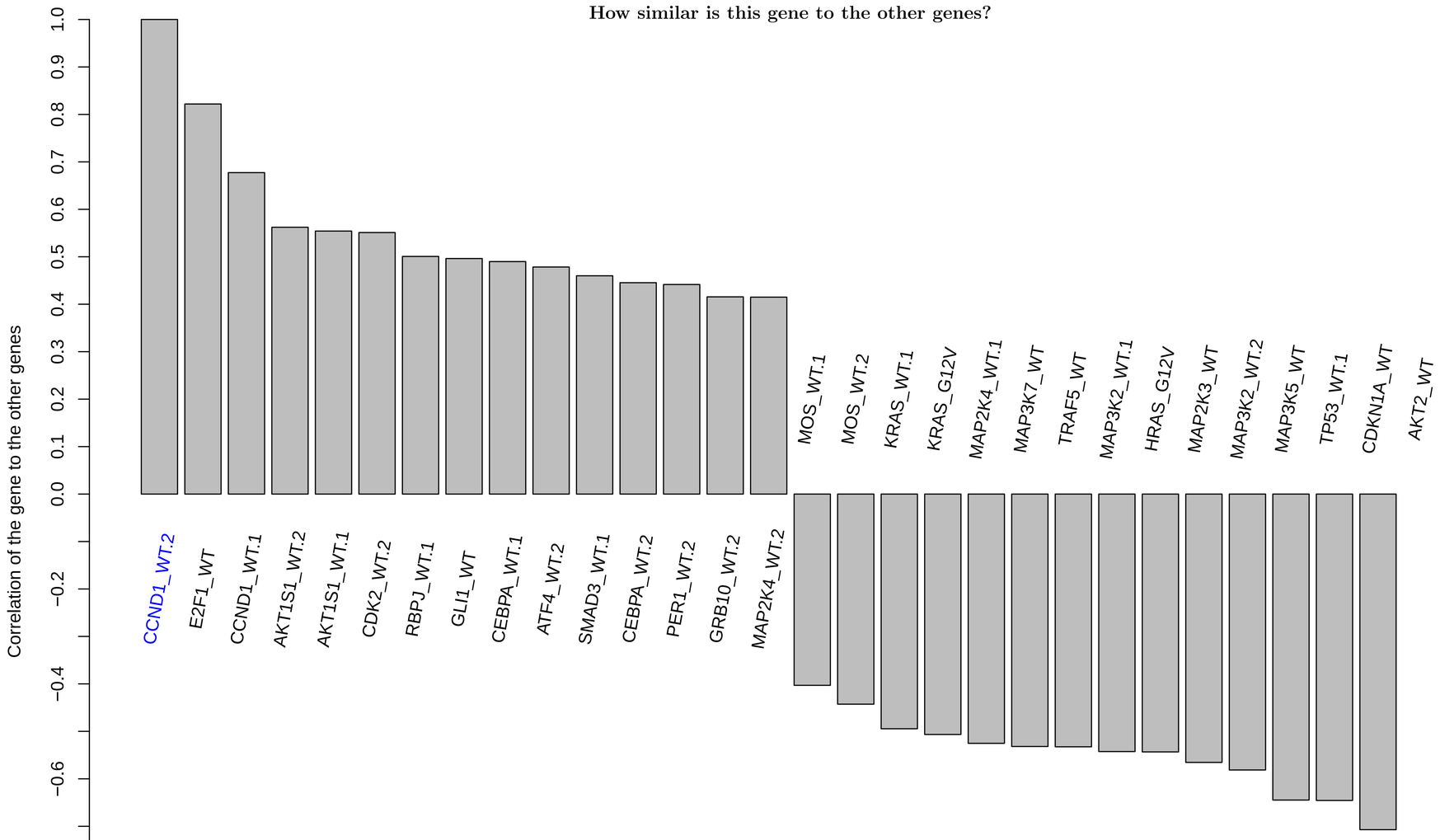
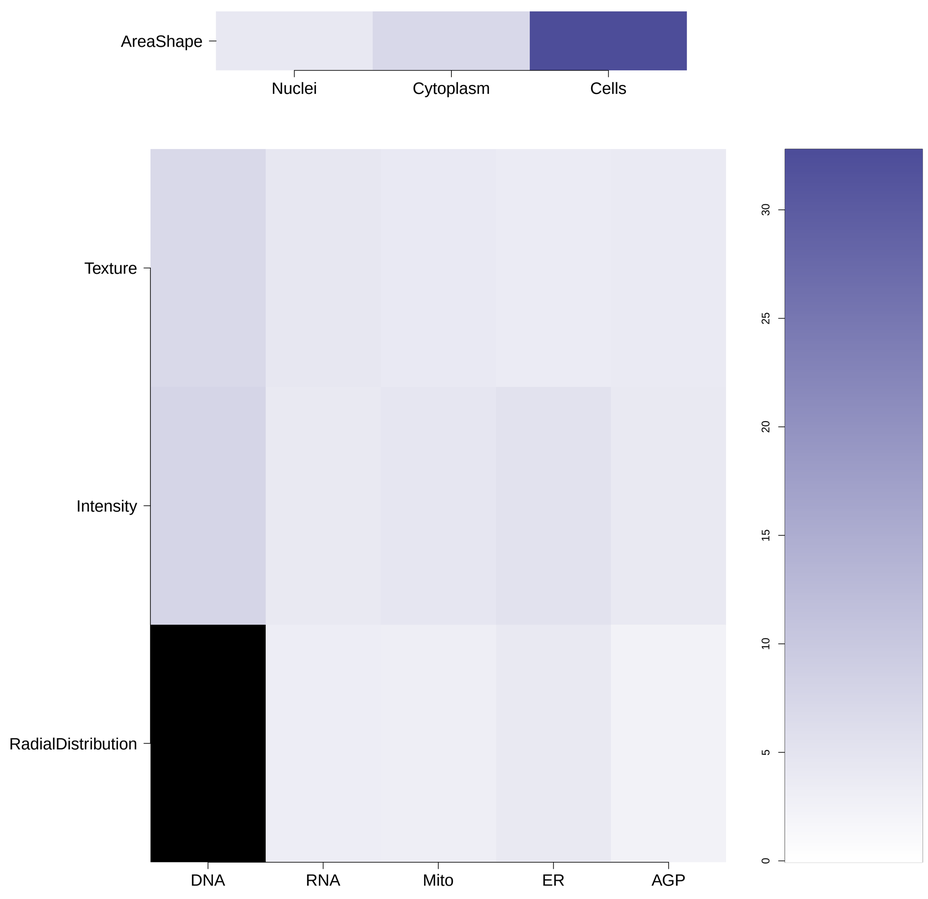
CCND1_WT.2 - in Canonical Cell Cycle

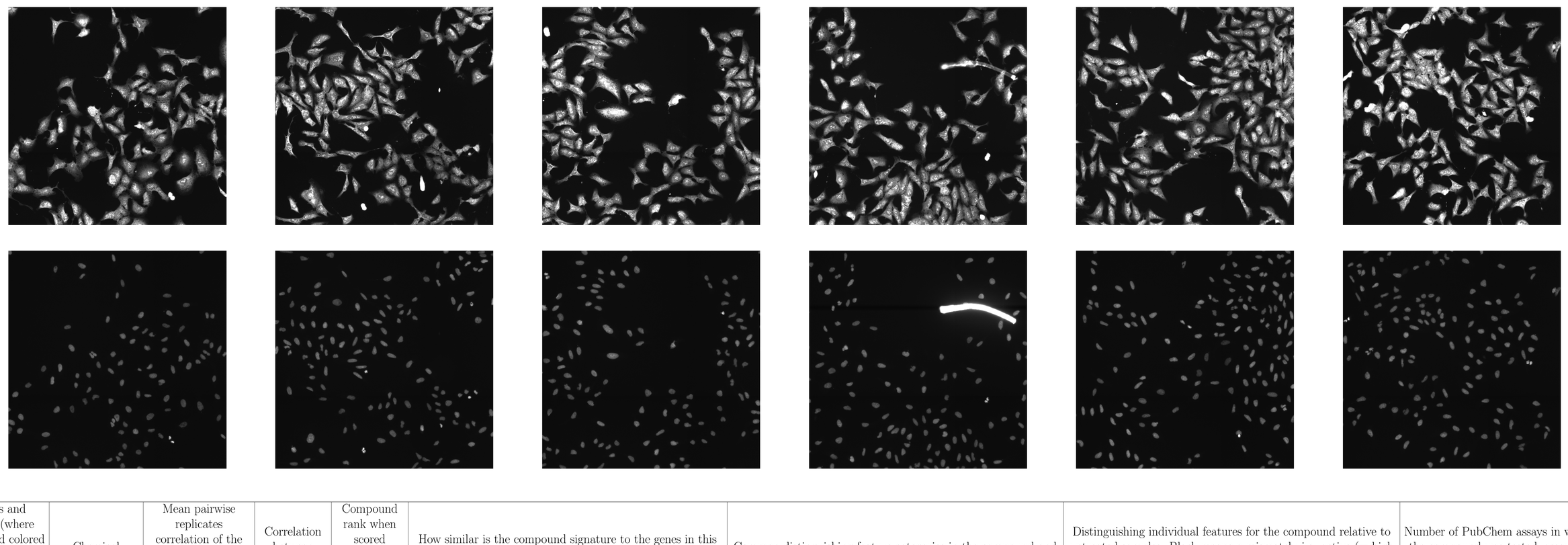
How similar is this gene to the other genes?



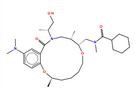
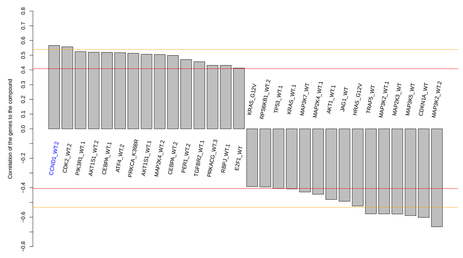
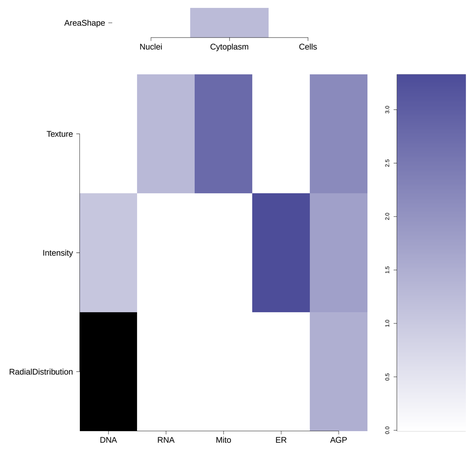
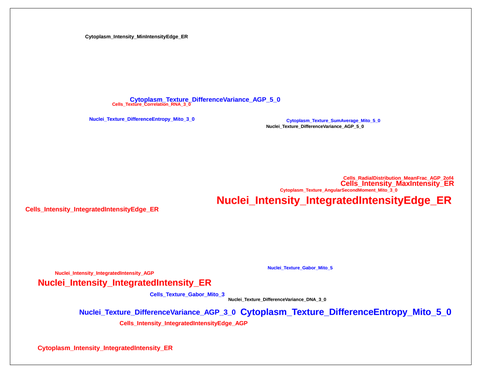
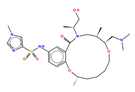
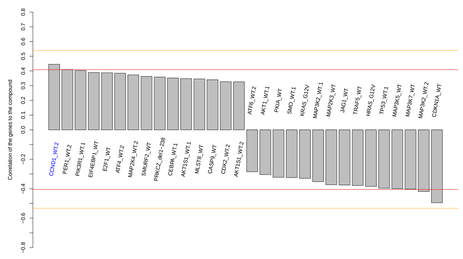
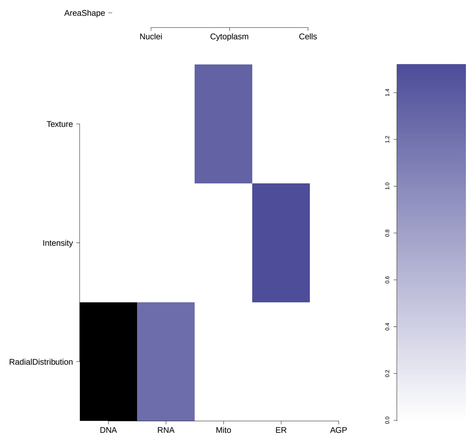
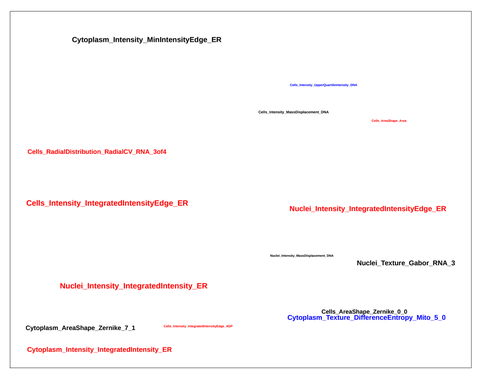
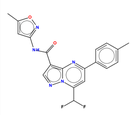
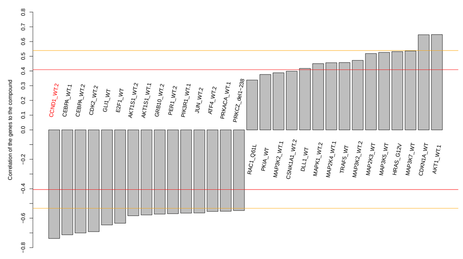
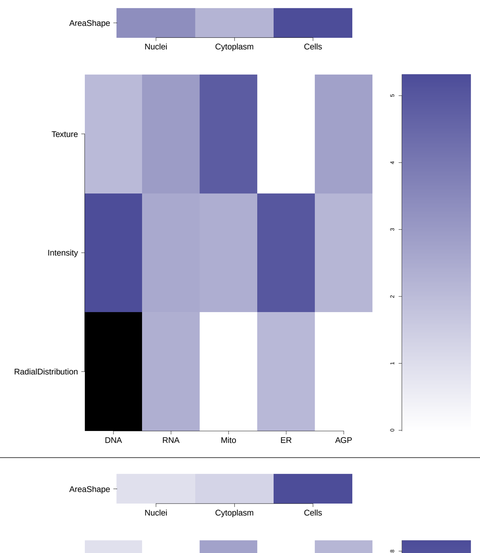
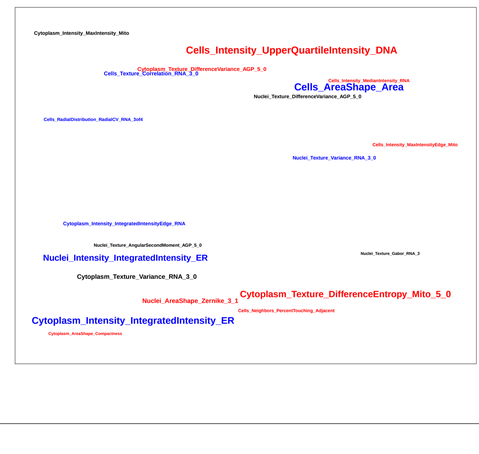
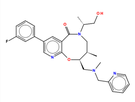
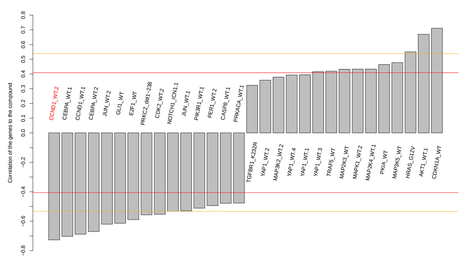
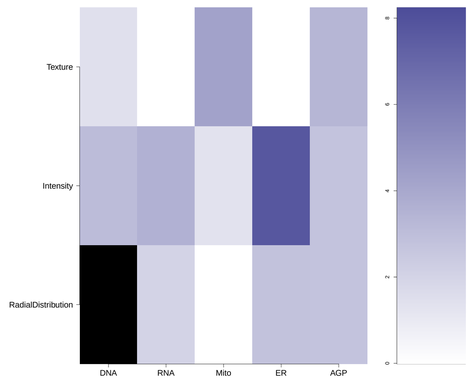
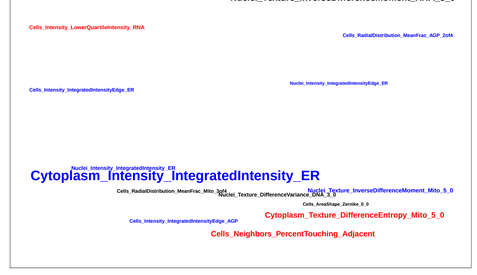
What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the category

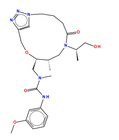
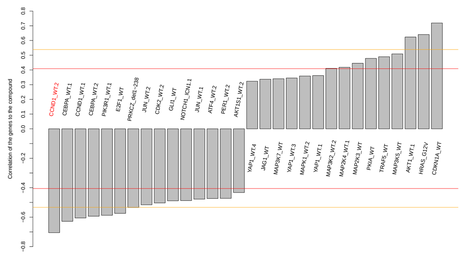
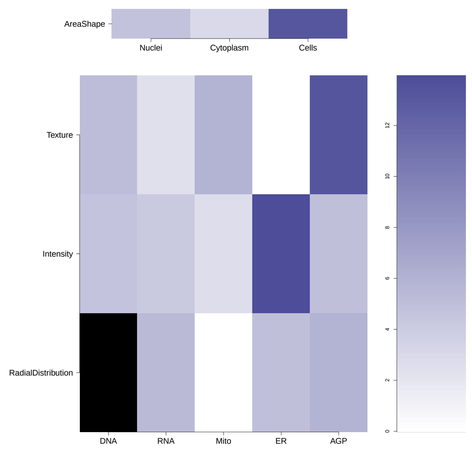
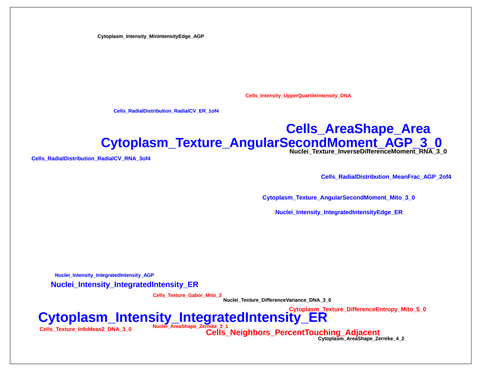
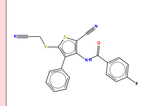
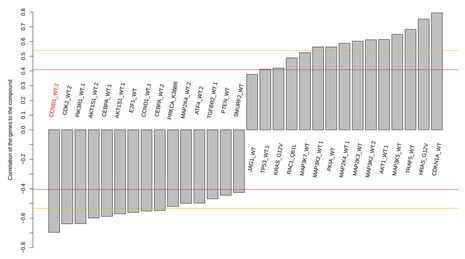
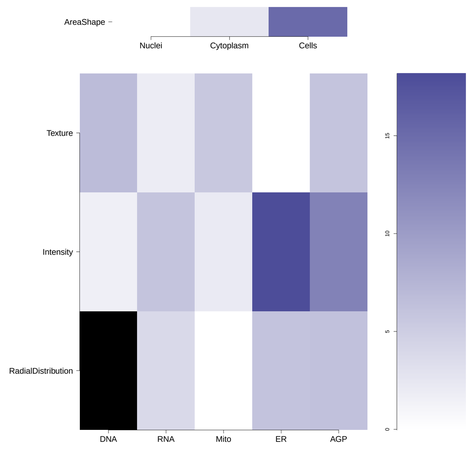
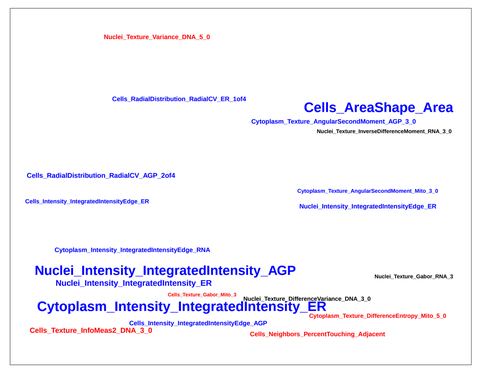
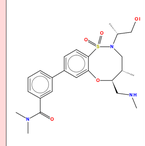
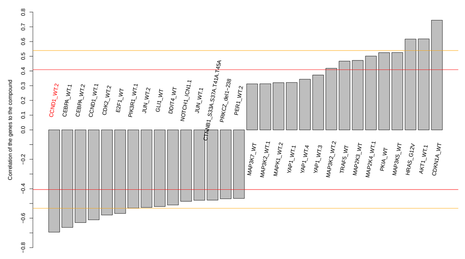
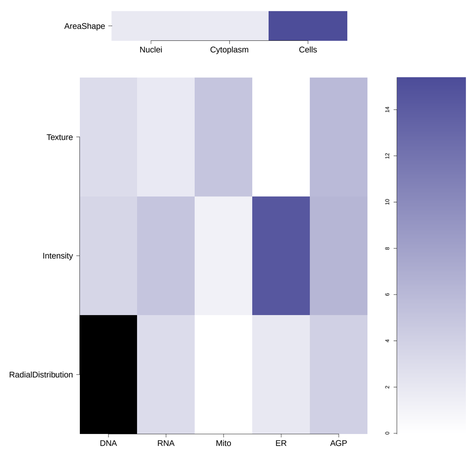
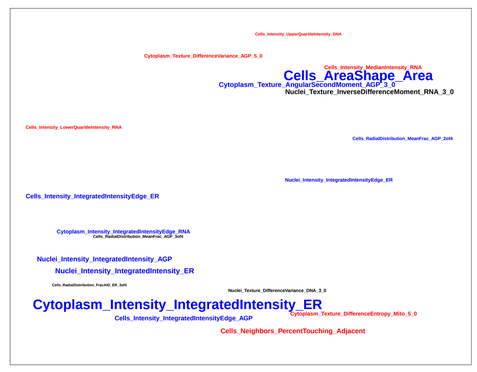
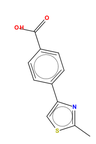
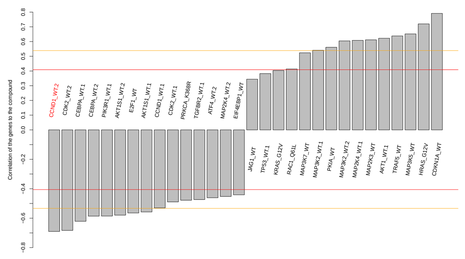
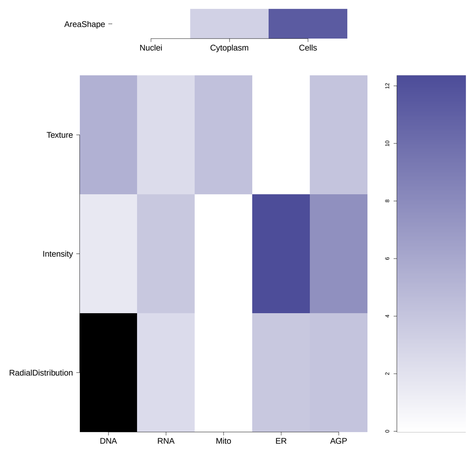
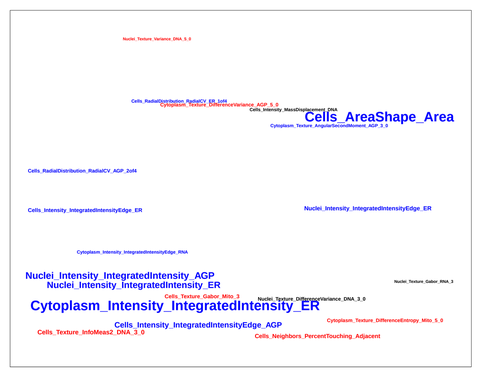
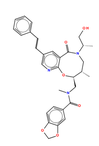
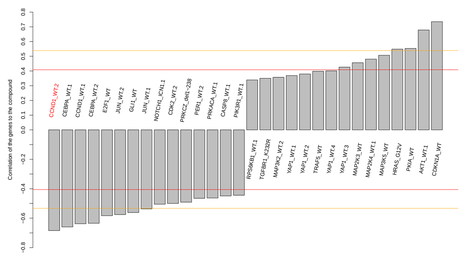
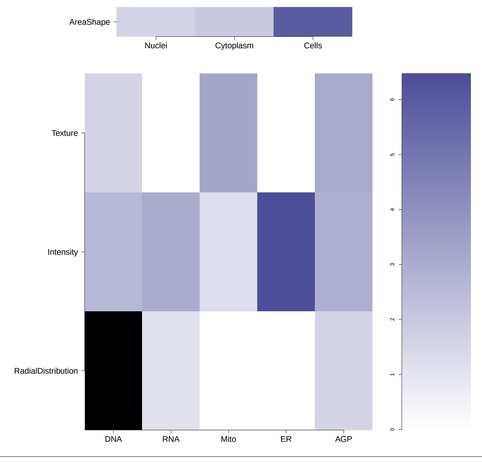


Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.



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

BRD-K60430317-001-01-7 PubChem CID : 44490267		0.67 (in 4 replicates)	0.57	0.630				Total number of assays tested in: 54.
BRD-K52827598-001-01-4 PubChem CID : 44495977		0.52 (in 4 replicates)	0.45	NA				Total number of assays tested in: 43.
BRD-K99447049-001-04-5 ZINC00815361 SMR000092393 AC1LM0O9 MLS000115228 MLS001368098 HMS2251O07 ZINC815361 STK961361 CCG-117641 BAS 09530694 ST50718758 PubChem CID : 1094029		NA (in 1 replicates)	-0.74	NA				Total number of assays tested in: 783.
BRD-K70412800-001-01-7 PubChem CID : 54619125		0.87 (in 4 replicates)	-0.73	0.690				Total number of assays tested in: 37.
BRD-K37906141-001-01-8 PubChem CID : 44617686		0.92 (in 4 replicates)	-0.72	0.161				Total number of assays tested in: 40.
BRD-K90061492-001-01-1 PubChem CID : 44483968		0.90 (in 3 replicates)	-0.71	0.394				Total number of assays tested in: 28.
BRD-K36176998-001-01-3 PubChem CID : 44486403		0.89 (in 4 replicates)	-0.71	0.394				Total number of assays tested in: 46.

BRD-K80711156-001-02-8 MLS003129217 SMR001833663 PubChem CID : 44505852		0.93 (in 3 replicates)	-0.71	0.394				Total number of assays tested in: 77.
BRD-K46976183-001-05-0 10P-378S AC1MCBYB SMR000180621 MLS000327655 HMS2404B20 ZINC4014200 ZINC04014200 PubChem CID : 2765899		0.90 (in 3 replicates)	-0.70	NA				Total number of assays tested in: 637. Active in the following assays: • qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) • Fluorescence Cell-Free Homogeneous Primary HTS to Identify Inhibitors of the RanGTP-Importin-beta complex (AID 2216) • qHTS of D3 Dopamine Receptor Antagonist: qHTS (AID 652054)
BRD-K53978514-001-01-5 PubChem CID : 54619300		0.89 (in 4 replicates)	-0.70	0.241				Total number of assays tested in: 39.
BRD-K68607418-004-05-5 MLS000068649 AC1O7FQT CTK7I7840 SMR000010792 TR-041126 Z-2138 PubChem CID : 6603383		0.89 (in 3 replicates)	-0.69	NA				Total number of assays tested in: 766. Active in the following assays: • qHTS Assay for Inhibitors of DNA Polymerase Beta (AID 485314)
BRD-K34942615-001-01-3 PubChem CID : 54619217		0.87 (in 4 replicates)	-0.68	0.815				Total number of assays tested in: 38.