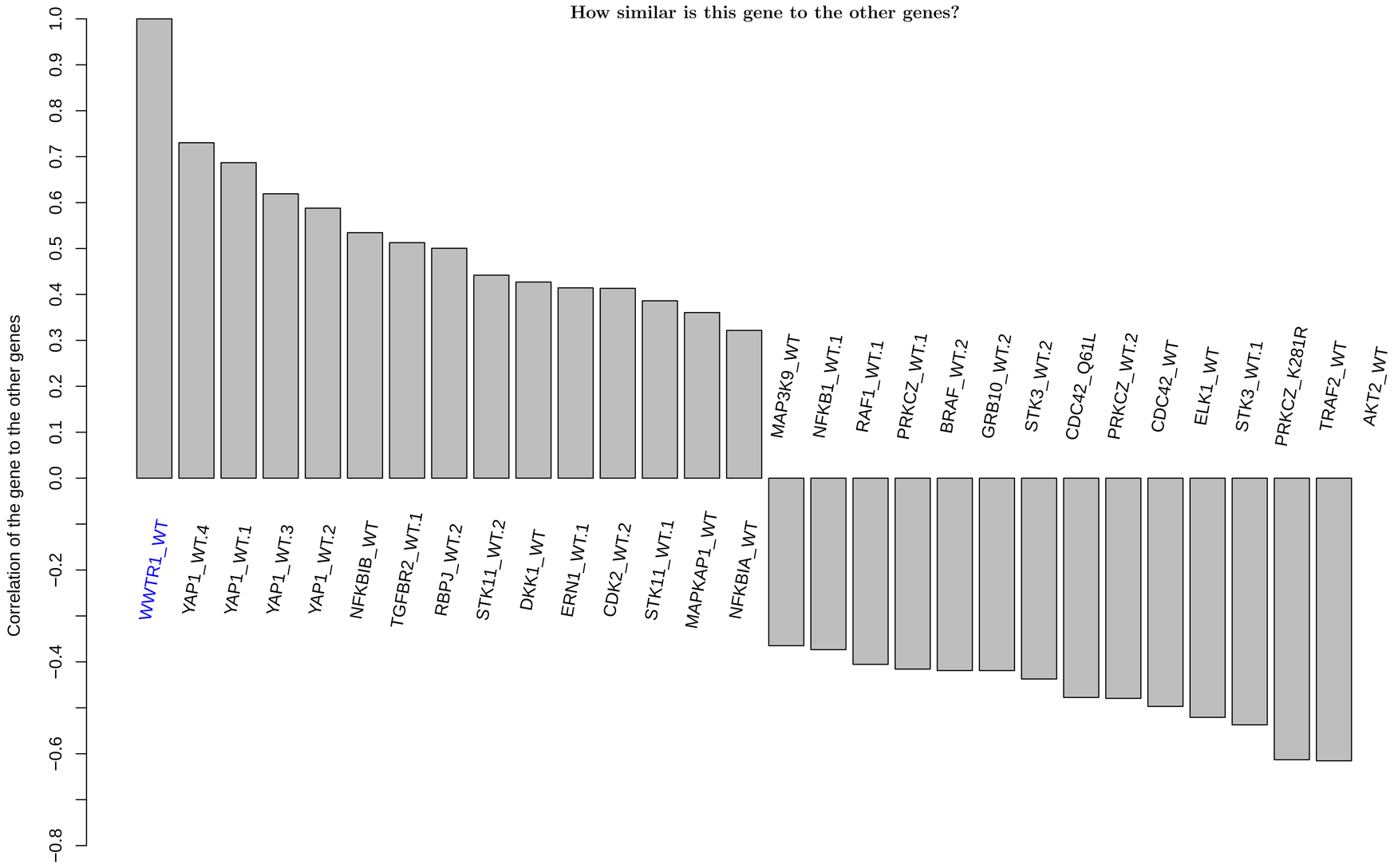
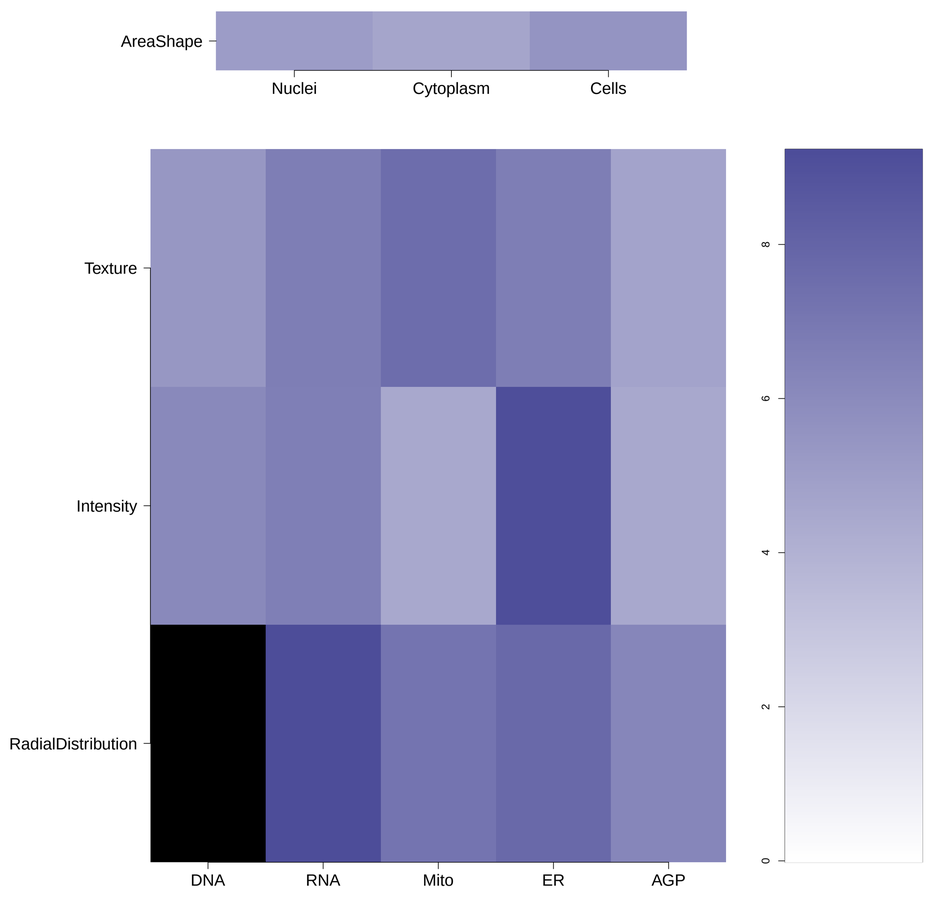
WWTR1_WT - in Canonical Hippo

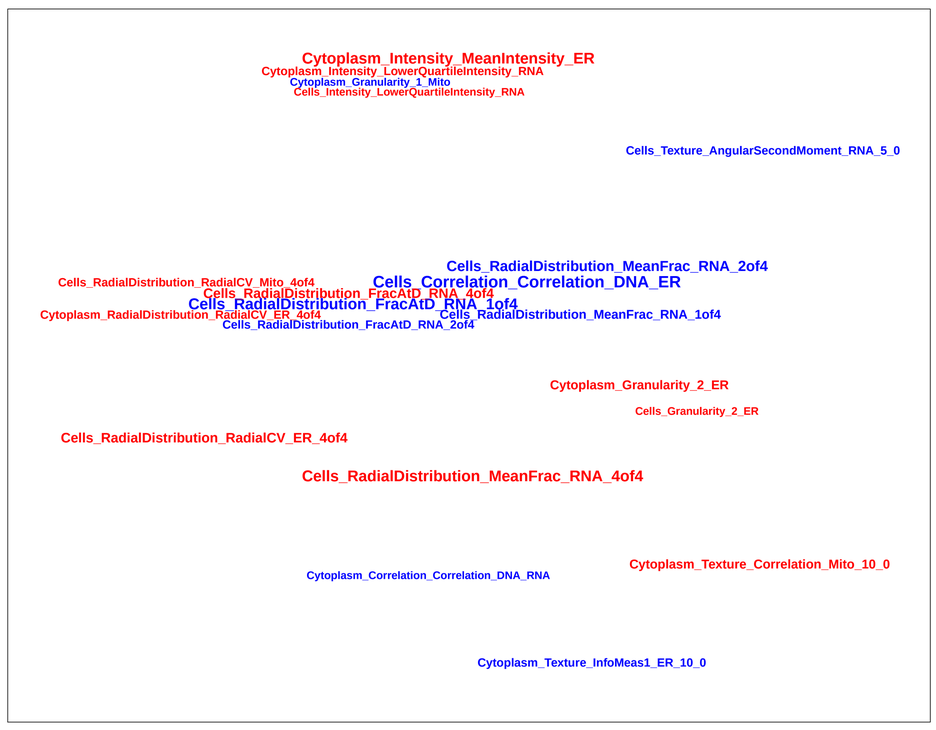
How similar is this gene to the other genes?

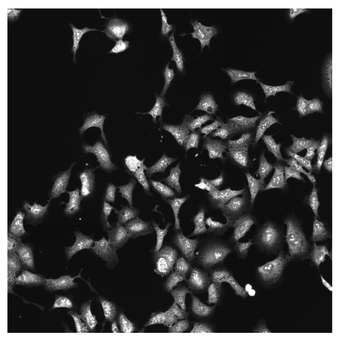
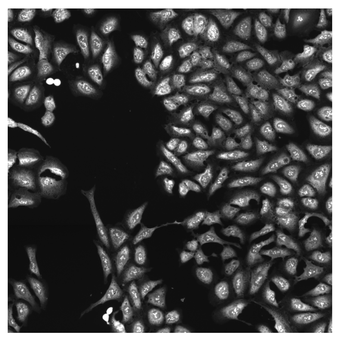
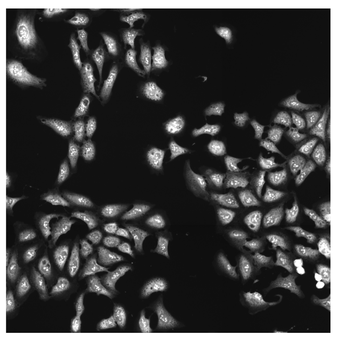
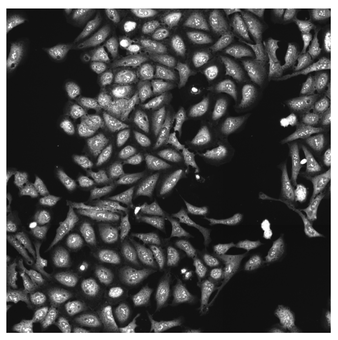
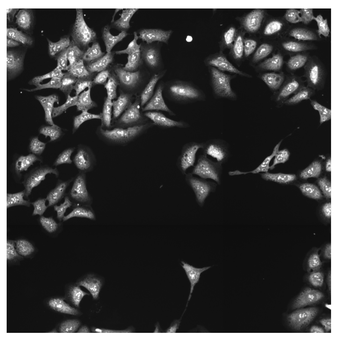
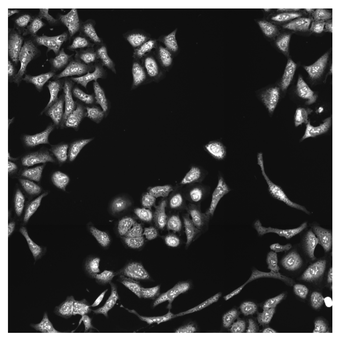
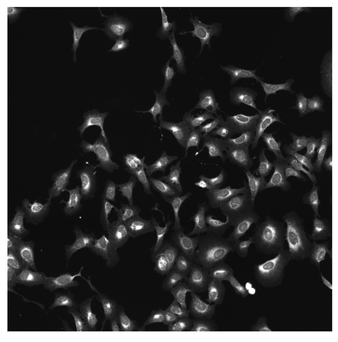
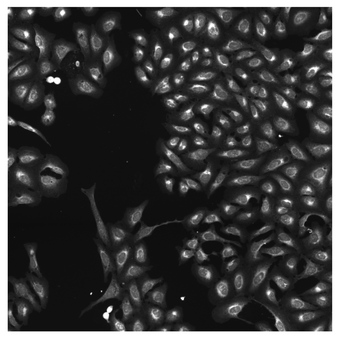
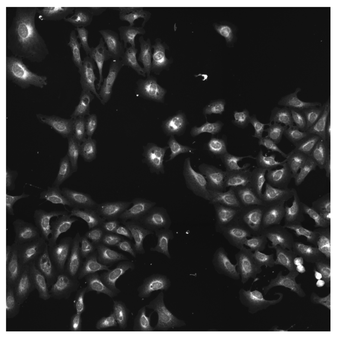
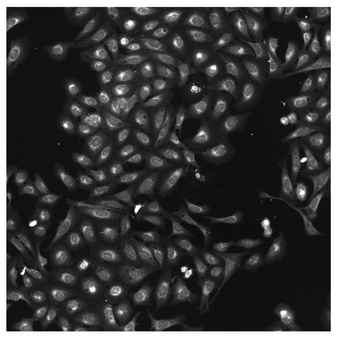
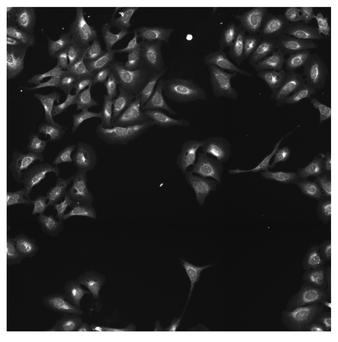
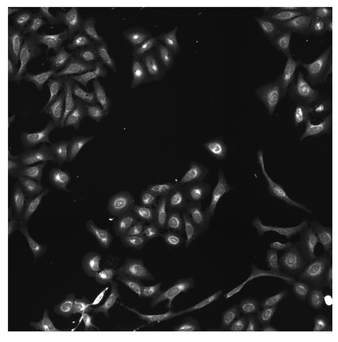


What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the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

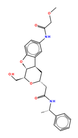
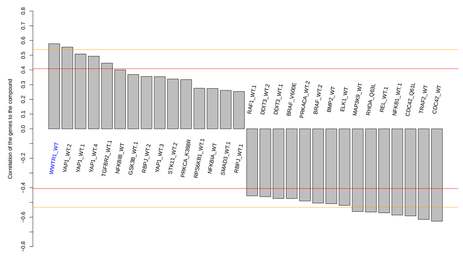
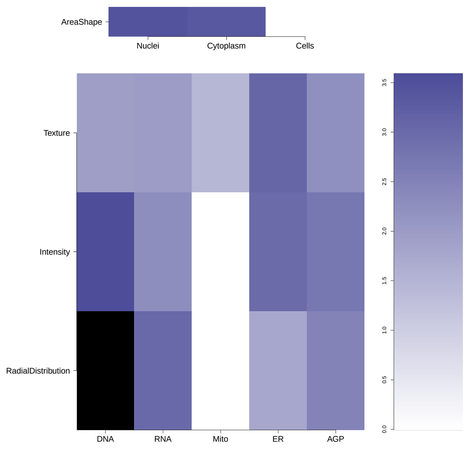
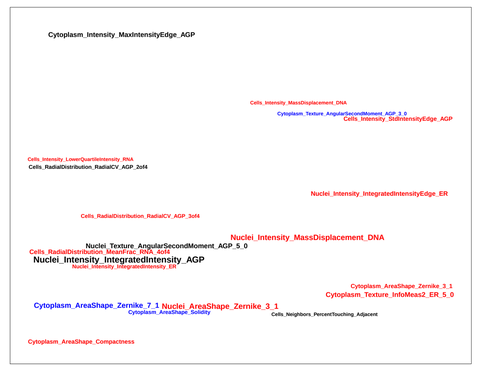
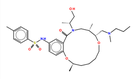
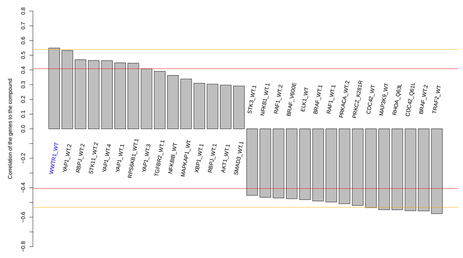
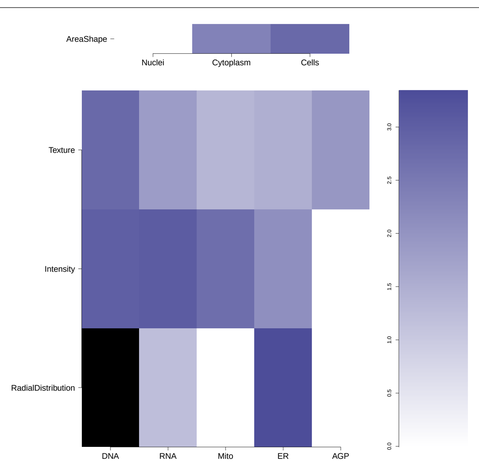
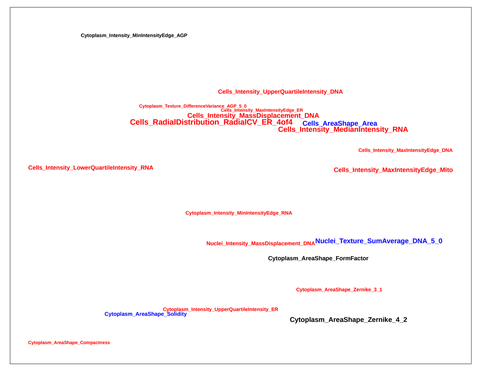
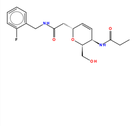
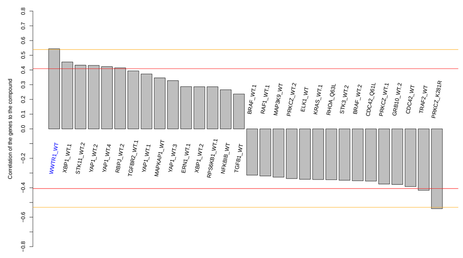
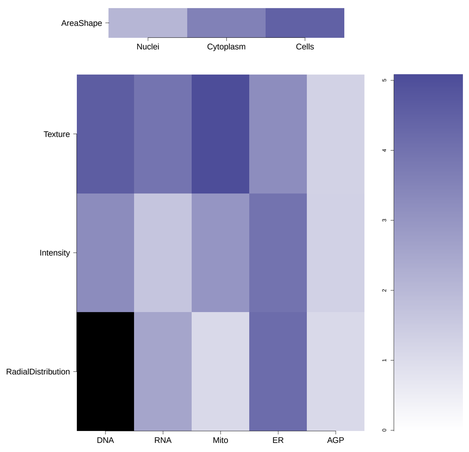
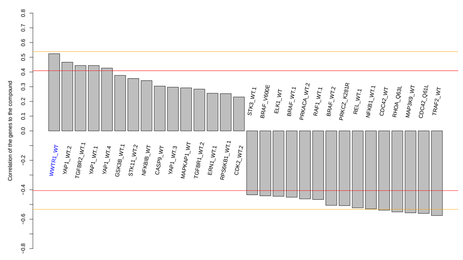
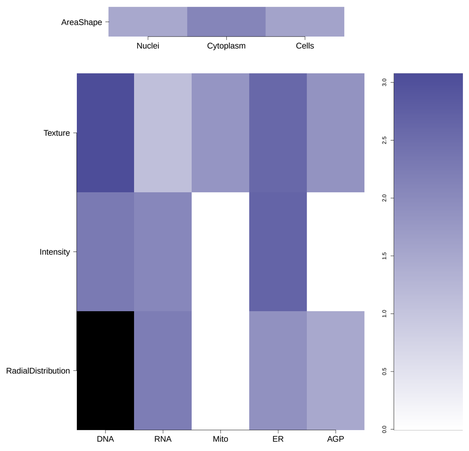
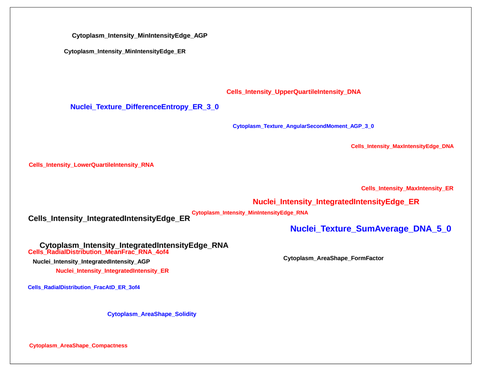
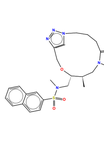
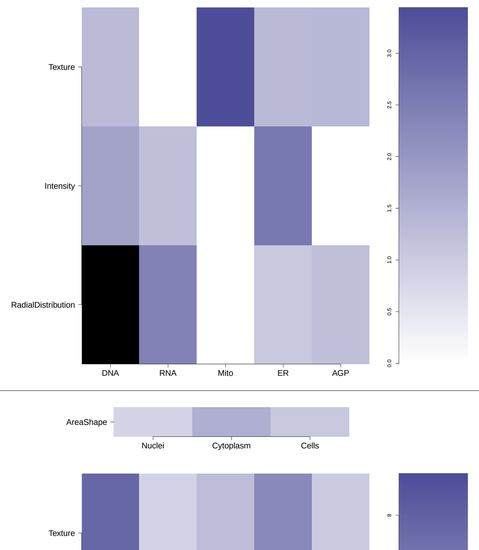


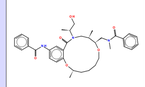
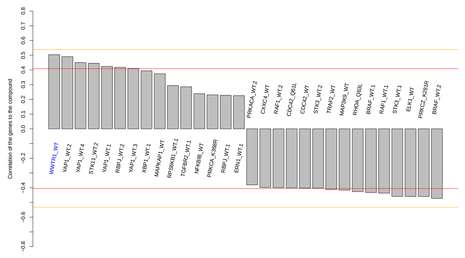
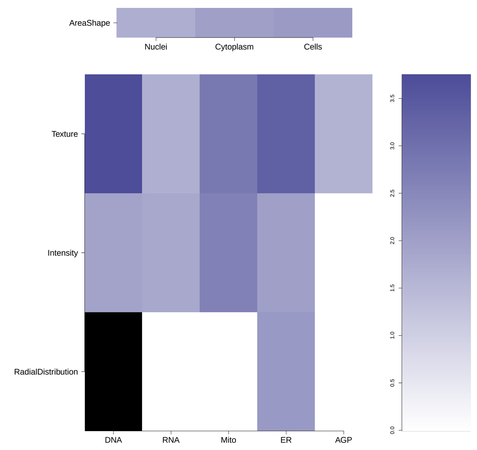
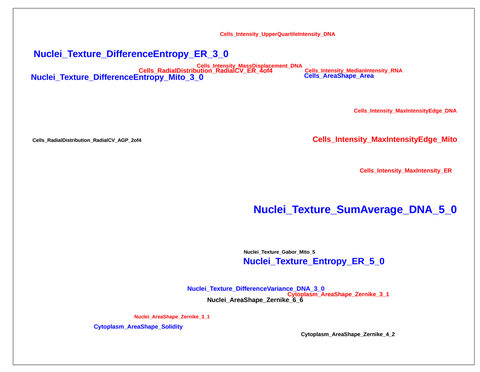
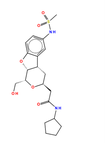
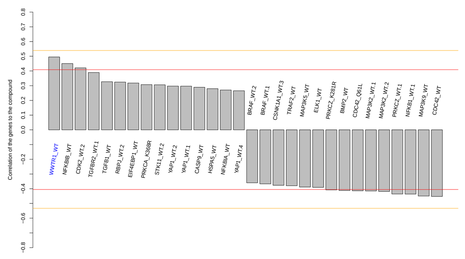
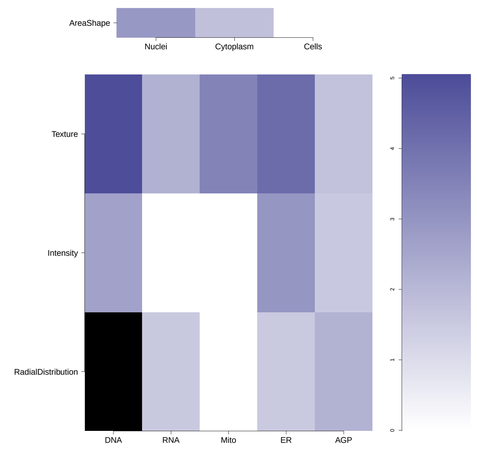
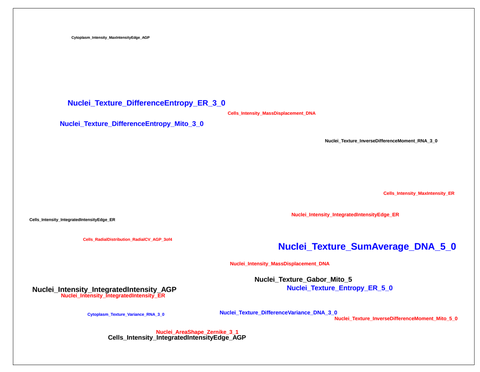
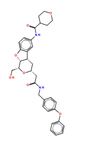
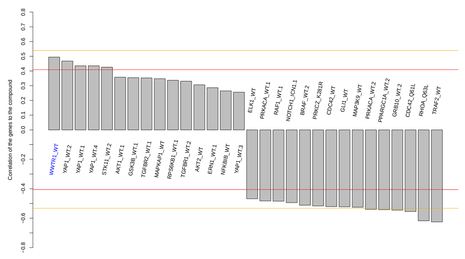
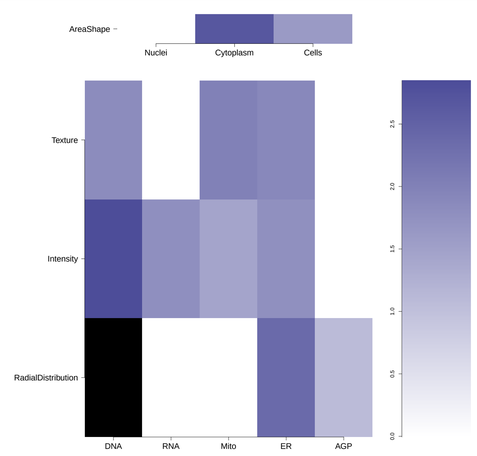
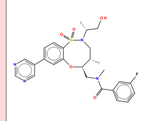
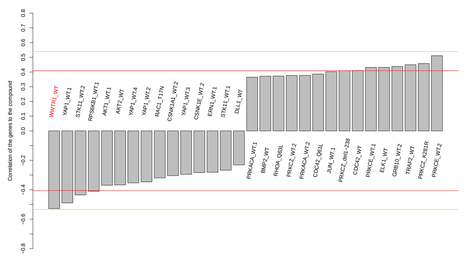
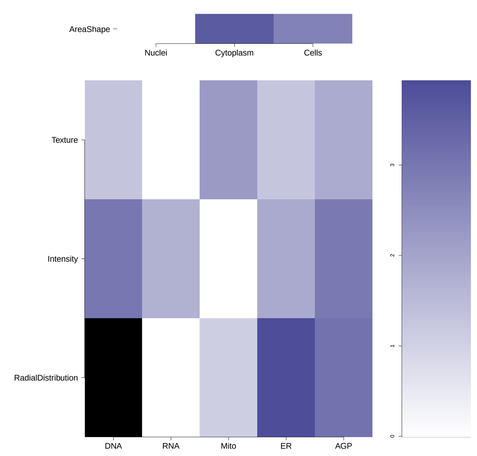
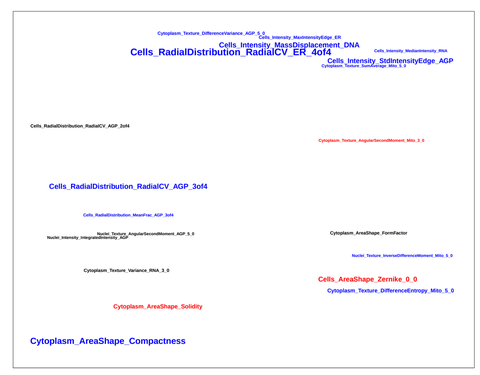
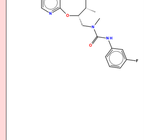
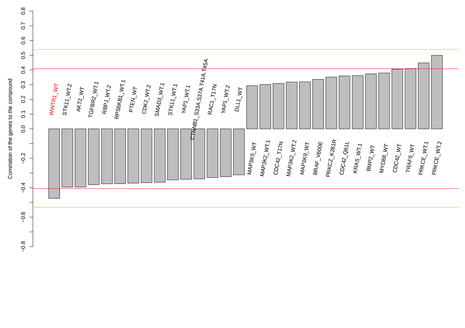
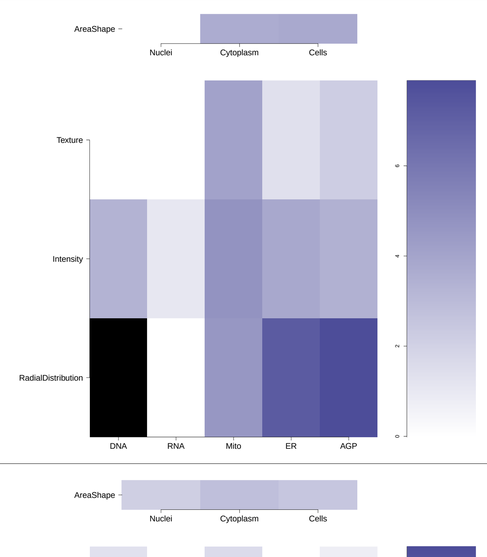
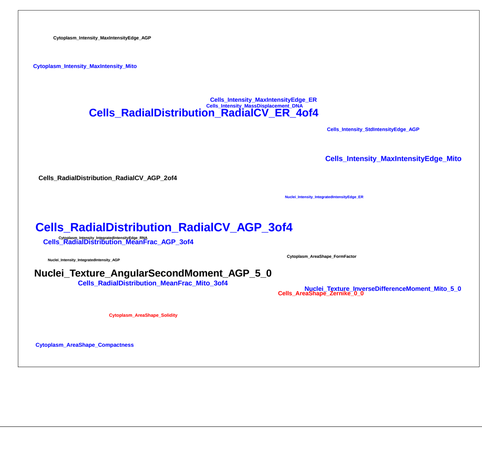
Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.

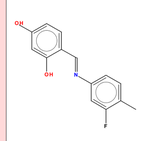
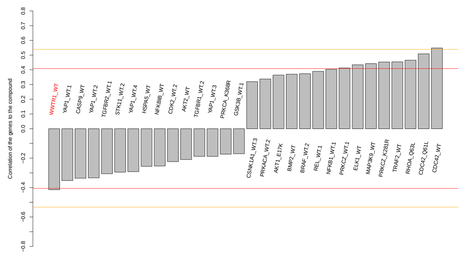
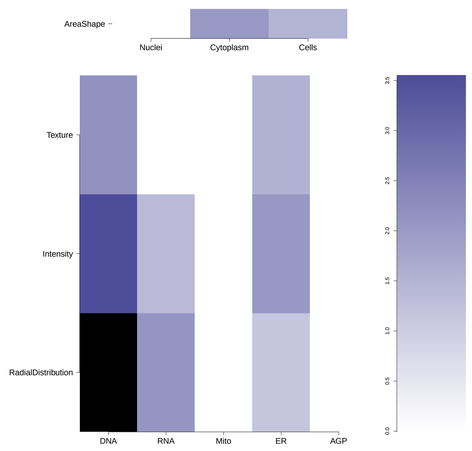
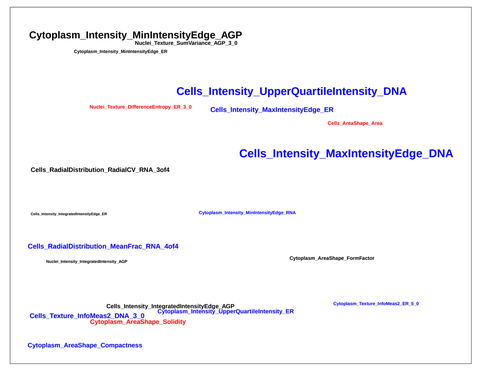
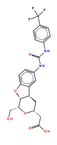
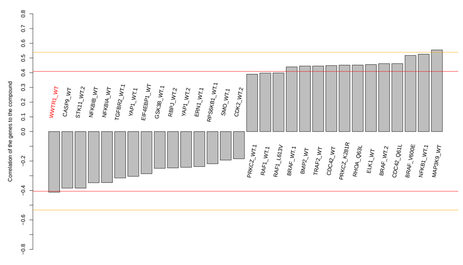
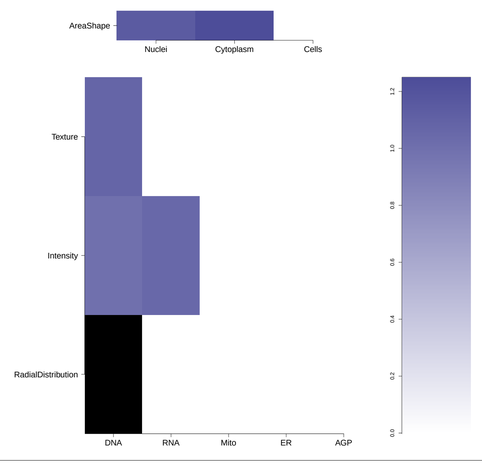
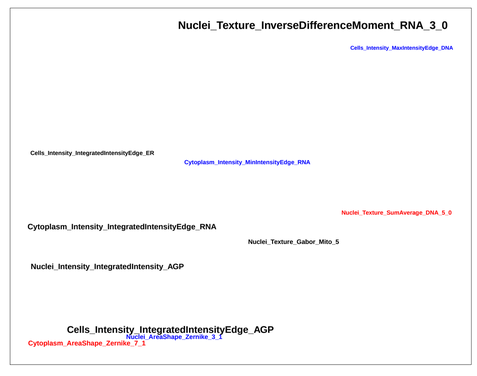


Empty	WWTR1_WT (41744)	WWTR1_WT (41755)	WWTR1_WT (41756)	WWTR1_WT (41757)	WWTR1_WT (41754)
RNA						
ER						

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-K98716460-001-01-0 PubChem CID : 54646067		NA (in 1 replicates)	0.58	0.260				Total number of assays tested in: 40.
BRD-K24991044-001-01-3 PubCh CID : 44500869		0.68 (in 4 replicates)	0.55	NA				Total number of assays tested in: 47. Active in the following assays: • MLPCN ERAP1 Measured in Biochemical System Using Plate Reader - 7016-01_Inhibitor_Dose_CherryPick_Activity (AID 743317)
BRD-K69073107-001-01-0 MLS003650002 SMR002339547 PubCh CID : 53382665		NA (in 1 replicates)	0.54	NA				Total number of assays tested in: 132.
BRD-K65067638-001-02-2 MLS003129556 SMR001834002 PubCh CID : 44505365		0.68 (in 3 replicates)	0.52	0.970				Total number of assays tested in: 223. Active in the following assays: • Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01_Inhibitor_SinglePoint_HTS_Activity (AID 624255)
BRD-K85612613-001-01-2 PubCh CID : 54641305		NA (in 1 replicates)	0.51	NA				Total number of assays tested in: 38.
BRD-K11833731-001-01-0 PubCh CID : 54646092		NA (in 1 replicates)	0.51	0.658				Total number of assays tested in: 43.
BRD-K23018071-001-01-2 PubCh CID : 54645831		0.65 (in 3 replicates)	0.50	0.658				Total number of assays tested in: 50. Active in the following assays: • Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01_Inhibitor_SinglePoint_HTS_Activity (AID 624255) • Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-06_Inhibitor_Dose_DryPowder_Activity_Set2 (AID 624361) • Lymphoblastoid Cells (LCL) Cytotoxicity Secondary Assay Measured in Cell-Based System Using Plate Reader - 2122-03_Inhibitor_Dose_DryPowder_Activity_Set2 (AID 624367) • Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-01_Inhibitor_Dose_DryPowder_Activity_Set2 (AID 624376) • Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01_Inhibitor_SinglePoint_CherryPick_Activity (AID 651739) • Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01_Inhibitor_SinglePoint_CherryPick_Activity_Set2 (AID 651740)

BRD-K37459628-001-01-0 PubChem CID : 44619911		0.64 (in 4 replicates)	0.50	NA				Total number of assays tested in: 34.
BRD-K04371509-001-01-0 PubCID : 54646148		0.80 (in 4 replicates)	0.49	0.857				Total number of assays tested in: 37.
BRD-K52045590-001-01-1 PubCID : 54646441		0.82 (in 4 replicates)	0.49	0.118				Total number of assays tested in: 40.
BRD-K18099024-001-02-5 MLS003130135 SMR001834581 PubCID : 46903534		0.72 (in 4 replicates)	-0.53	0.342				Total number of assays tested in: 223. Active in the following assays: • HTS for the detection of C. neoformans cell lysis via adenylate kinase (AK) release Measured in Microorganism System Using Plate Reader - 2162-01_Inhibitor_SinglePoint_HTS_Activity (AID 651654)
BRD-K05221385-001-01-5 PubCID : 54619029		0.84 (in 4 replicates)	-0.47	0.708				Total number of assays tested in: 36.
BRD-K79321447-001-01-0 PubCID : 44494089		0.79 (in 4 replicates)	-0.44	0.018				Total number of assays tested in: 29.
BRD-K17186708-001-05-7 AC1LKFPL SMR000077195 MLS000050120 HMS2436F23 ZINC679646 ZINC00679646 PubCID : 1017568		0.51 (in 4 replicates)	-0.42	NA				Total number of assays tested in: 779. Active in the following assays: • CYP2C9 Assay (AID 777)

BRD-K01457332-001-05-4 SMR000102897 AC1NSDA2 MLS000105923 ARONIS016413 HMS2412M04 STK056637 ST50517789 PubChem CID : 5332379		0.67 (in 2 replicates)	-0.41	NA				Total number of assays tested in: 791. Active in the following assays: • qHTS Multiplex Assay to Identify Dual Action Probes in a Cell Model of Huntington: Aggregate Formation (GFP) (AID 1688) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) • uHTS fluorescence polarization assay for the identification of translation initiation inhibitors (eIF4H) (AID 2012) • uHTS fluorescence polarization assay for the identification of translation initiation inhibitors (PABP) (AID 2014) • Primary cell-based high-throughput screening assay for identification of compounds that inhibit regulator of G-protein signaling 4 (RGS4) (AID 463165) • Validation assay for identification of compounds that inhibit the regulator of G-protein signaling 4 (RGS4) (AID 492999) • Second counter screen for identification of compounds that inhibit regulator of G-protein signaling 4 (RGS4): Non-induced cells with the primary screen assay without carbachol activation (AID 493001) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • uHTS identification of MazEF TA System activators via a fluorescence-based single-stranded RNase assay (AID 504720) • TRFRET-based biochemical primary high throughput screening assay to identify small molecules that bind to the HIV-1-gp120 binding antibody, PG9 (AID 624416) • Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483) • TRFRET-based biochemical high throughput confirmation assay for small molecules that bind to the HIV-1-gp120 binding antibody, PG9 (AID 651571) • Counterscreen for discovery of small molecules that bind to the HIV-1-gp120 binding antibody, PG9: TR-FRET-based biochemical high throughput assay to identify small molecules that bind to the control antibody, PGV04, which binds to a site on the HIV envelope different from the PG9 binding site (AID 651604) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978) • TRFRET-based biochemical primary high throughput screening assay to identify inhibitors of HIV-1 LEDGF/p75 DNA Integration (AID 743269)
BRD-K94843767-001-01-6 PubChem CID : 54646105		NA (in 1 replicates)	-0.41	0.319				Total number of assays tested in: 41.