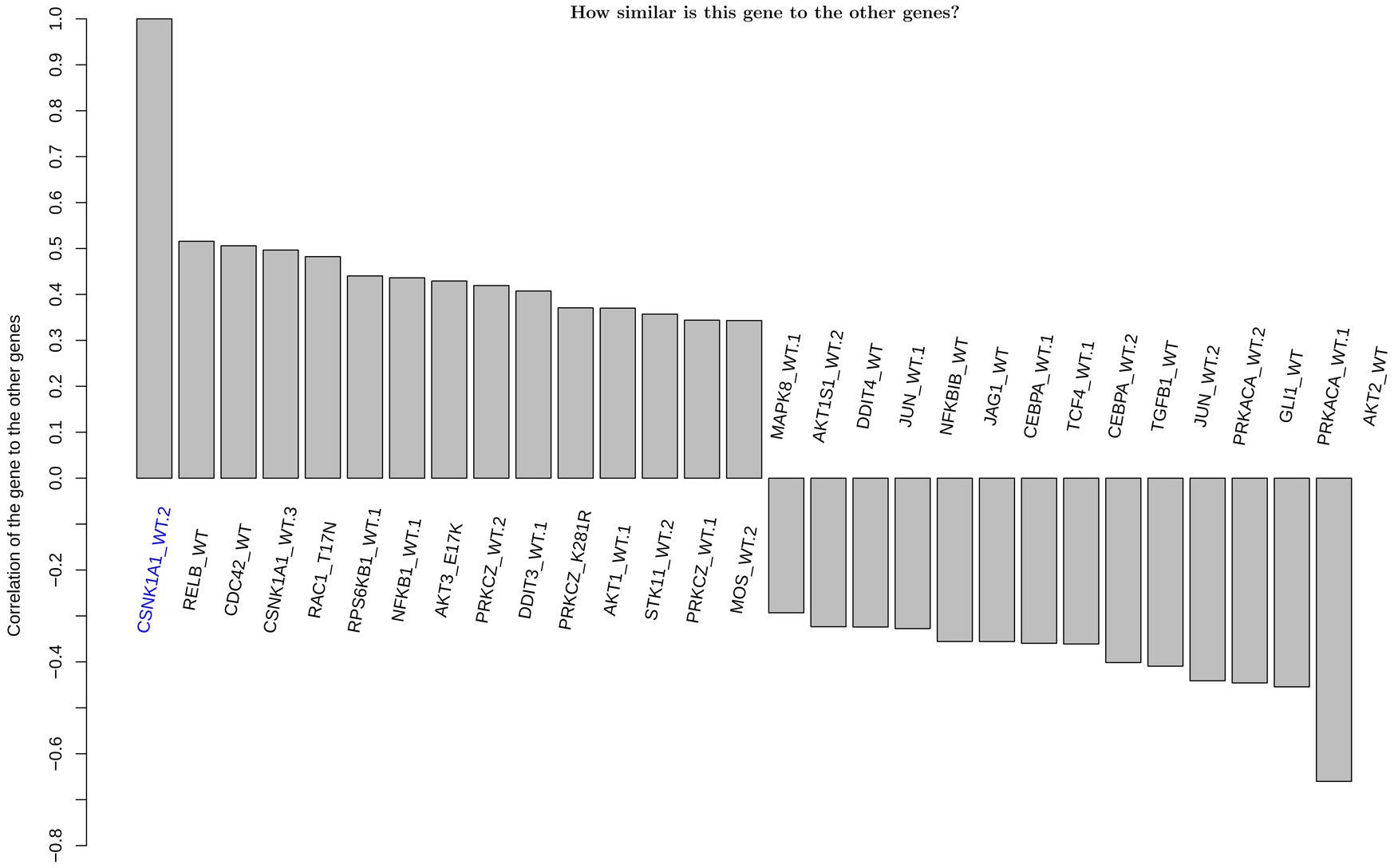
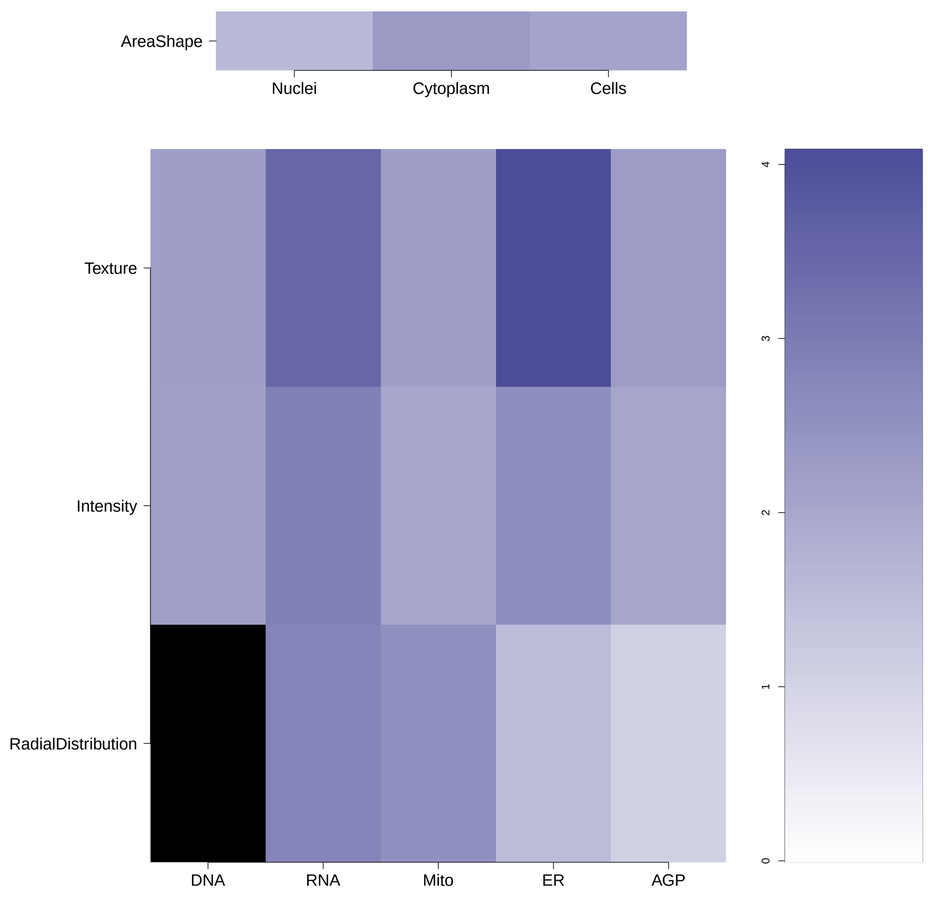
CSNK1A1_WT.2 - in Canonical WNT

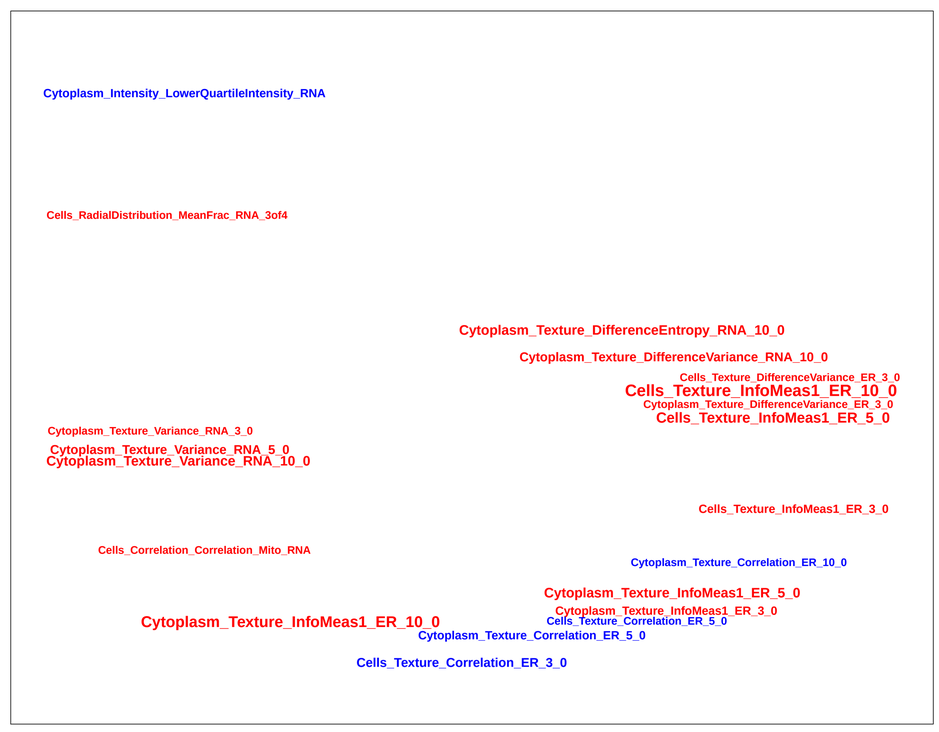
How similar is this gene to the other genes?



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

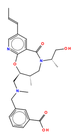
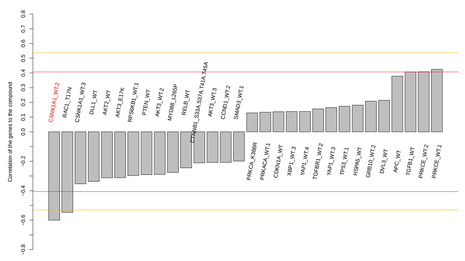
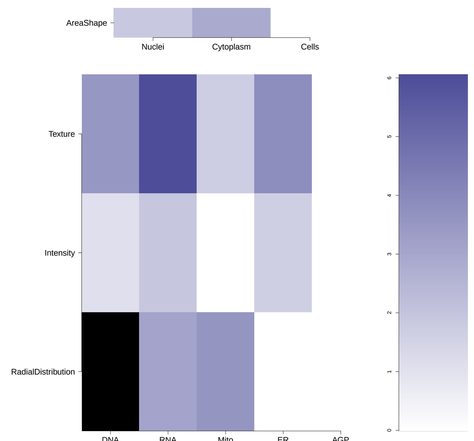
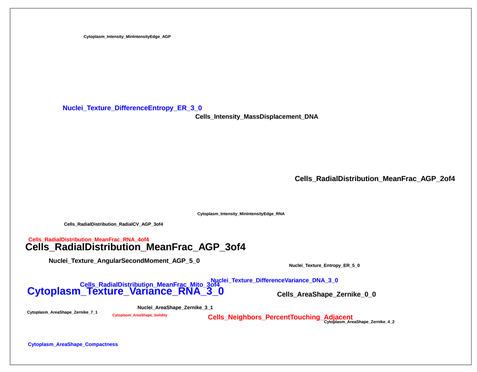
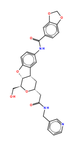
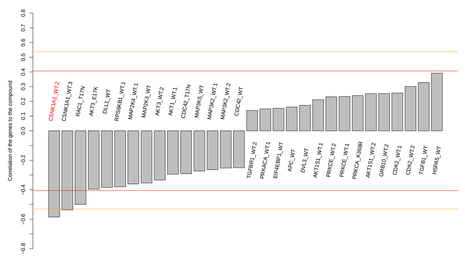
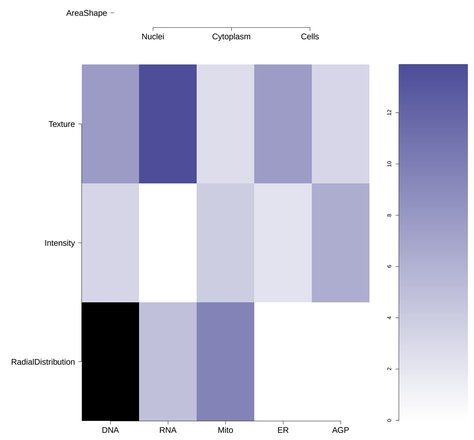
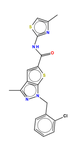
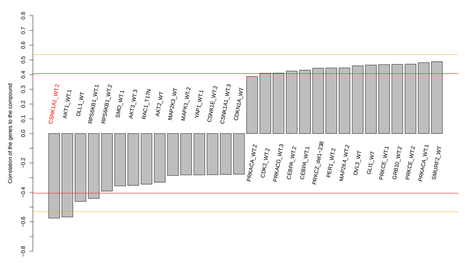
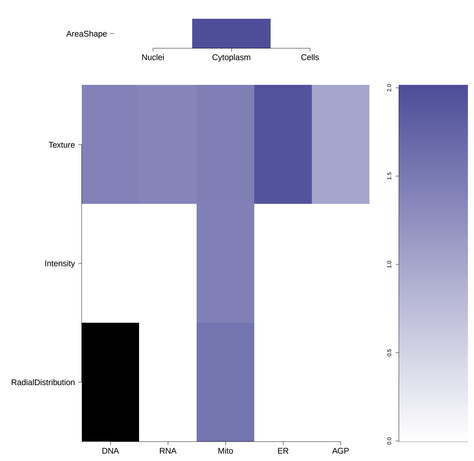
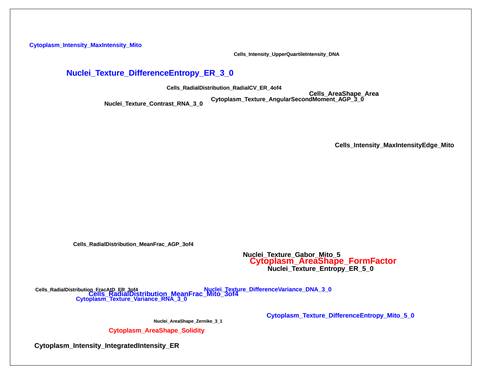
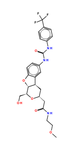
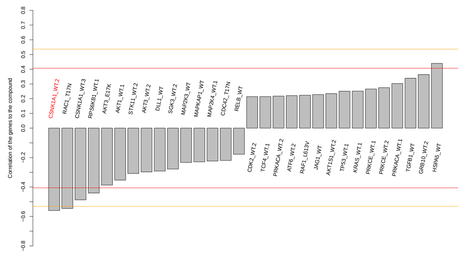
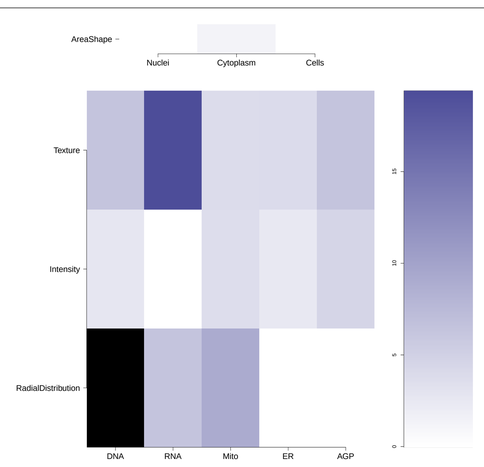
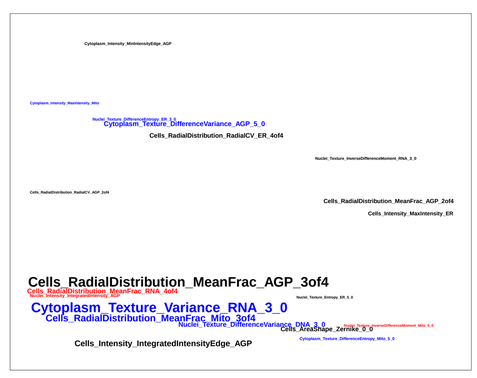
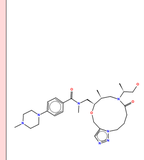
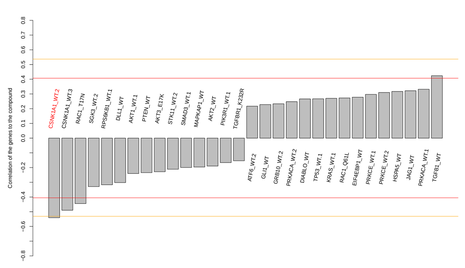
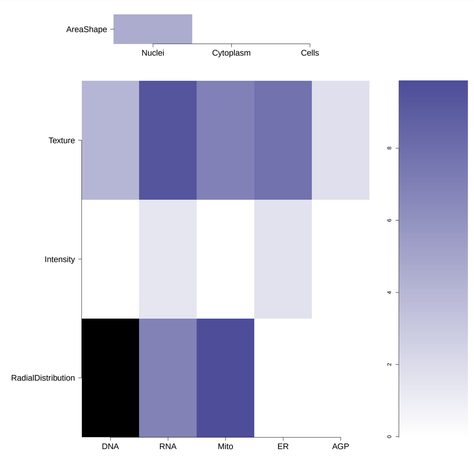
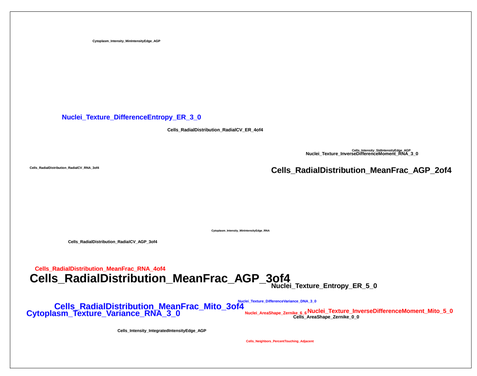
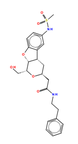
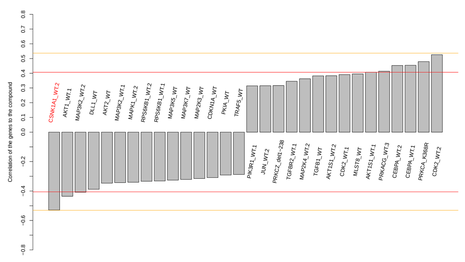
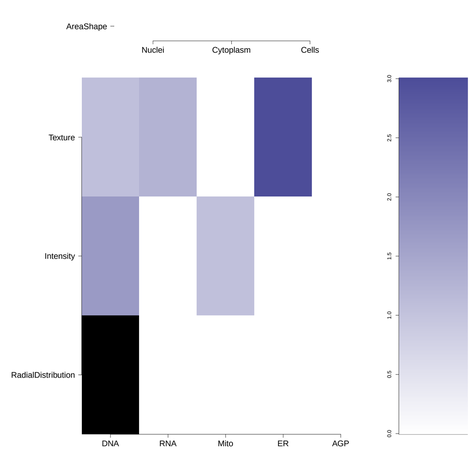
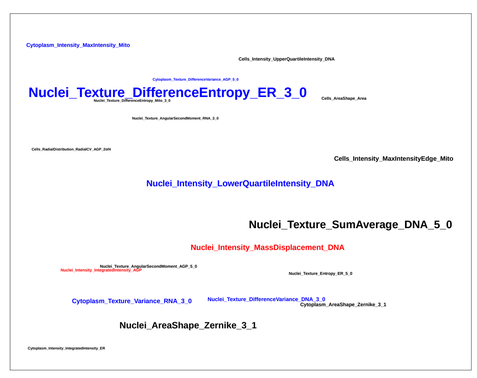


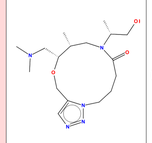
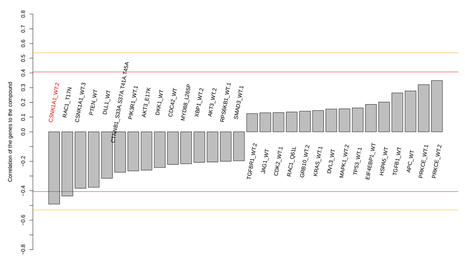
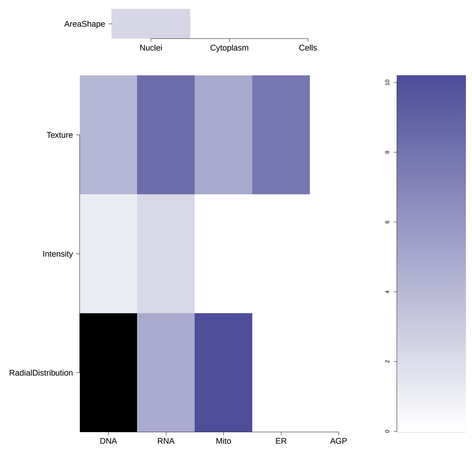
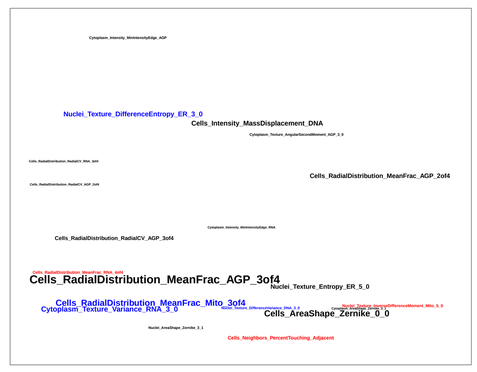
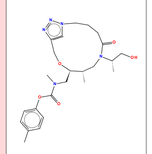
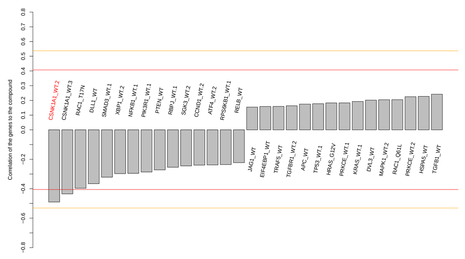
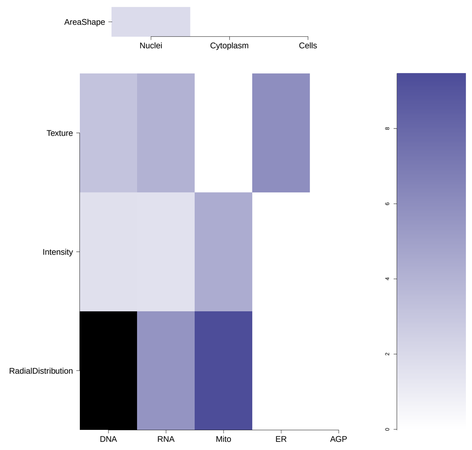
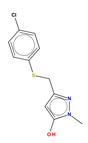
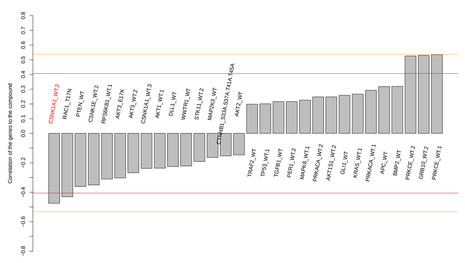
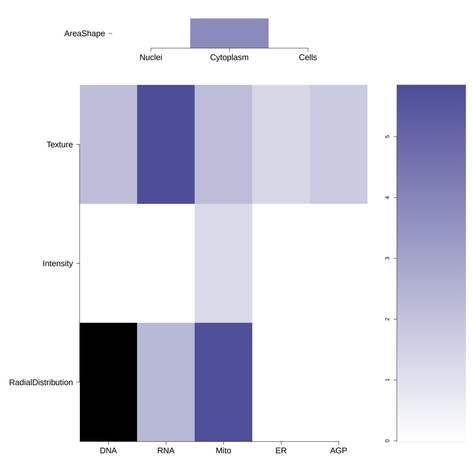
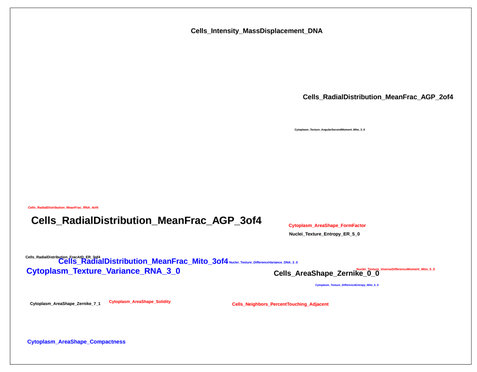
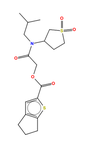
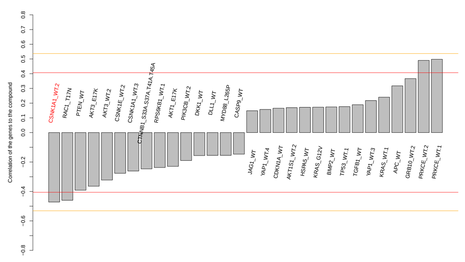
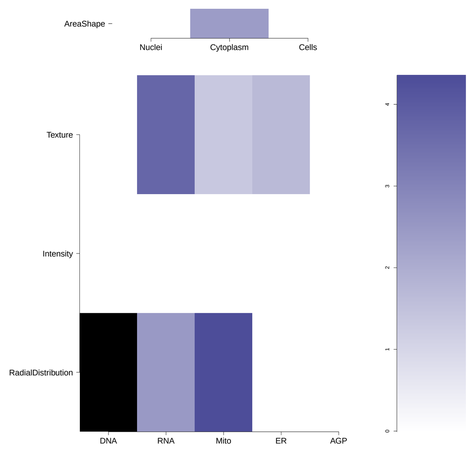
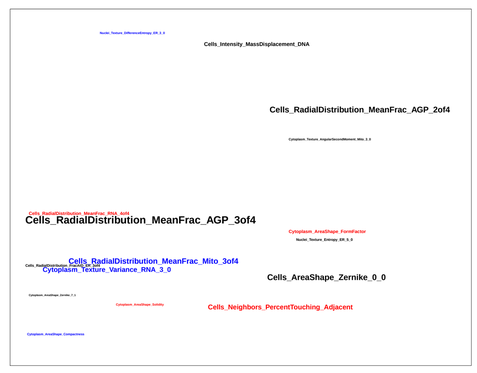
Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.



	Empty	CSNK1A1_WT.2 (41744)	CSNK1A1_WT.2 (41755)	CSNK1A1_WT.2 (41756)	CSNK1A1_WT.2 (41757)	CSNK1A1_WT.2 (41754)
ER						
RNA						

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 0.53)	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-K29799191-001-01-6 PubChem CID : 54618149		0.82 (in 4 replicates)	-0.60	0.342				Total number of assays tested in: 35.
BRD-K09444102-001-01-1 PubChem CID : 54646618		0.94 (in 4 replicates)	-0.59	0.330				Total number of assays tested in: 36.
BRD-K55853808-001-06-2 ZINC02620594 AC1M0S7C MLS000389839 HMS2563B13 ZINC2620594 SMR000256113 T5260249 PubChem CID : 2082451		NA (in 1 replicates)	-0.58	NA				Total number of assays tested in: 649. Active in the following assays: • Identification of Molecular Probes that Activate MRP-1 (AID 799) • Leishmania major promastigote HTS (AID 1063) • Primary cell-based high throughput assay for inhibitors of the Janus kinase 2 mutant JAK2V617F (AID 1446) • qHTS Assay for Promiscuous and Specific Inhibitors of Cruzain (without detergent) (AID 1476) • Confirmation cell-based high throughput screening assay for inhibitors of the Janus kinase 2 mutant JAK2V617F (AID 1521) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) • Activator for delta FosB/delta FosB homodimer Measured in Biochemical System Using Plate Reader - 2072-01_Activator_SinglePoint_HTS_Activity (AID 493131) • uHTS fluorescent assay for identification of inhibitors of ATG4B (AID 504462) • qHTS profiling assay for firefly luciferase inhibitor/activator using purifed enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342) • Single concentration counterscreen of uHTS hits for ATG4B inhibitors in a Phospholipase A2 assay (AID 588402) • A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978) • TRFRET-based cell-based primary high throughput screening assay to identify inhibitors of cell surface Prion Protein (PRPC) (AID 720596)
BRD-K56916068-001-01-2 PubChem CID : 54646507		0.96 (in 3 replicates)	-0.56	0.067				Total number of assays tested in: 37.
BRD-K00977230-001-02-2 MLS003129157 SMR001833603 PubChem CID : 44504982		0.89 (in 3 replicates)	-0.54	0.033				Total number of assays tested in: 222.
BRD-K96165286-001-01-4 PubChem CID : 54645911		0.54 (in 2 replicates)	-0.53	0.275				Total number of assays tested in: 40.

BRD-K48241951-001-01-6 PubChem CID : 44491463		0.94 (in 2 replicates)	-0.49	0.342				Total number of assays tested in: 49.
BRD-K95323755-001-02-0 MLS003129717 SMR001834163 PubChem CID : 44485753		0.86 (in 3 replicates)	-0.49	NA				Total number of assays tested in: 89.
BRD-K04488512-001-06-6 3L-577S AC1MZ5IC MLS000755130 HMS2596I20 HMS3380G02 ZINC13140601 SMR000337998 PubChem CID : 3842739		0.75 (in 4 replicates)	-0.47	0.342				Total number of assays tested in: 636. Active in the following assays: • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • Fluorescence polarization-based counterscreen for RBBP9 inhibitors: primary biochemical high throughput screening assay to identify inhibitors of the oxidoreductase glutathione S-transferase omega 1(GSTO1). (AID 1974) • Fluorescence Cell-Free Homogenous Primary HTS to Identify Inhibitors of RecA Intein Splicing Activity (AID 2221) • Fluorescence Cell-Free Homogeneous Counter Screen to Identify Inhibitors of GFP Chromophore Formation (AID 434968) • Fluorescence Cell-Free Homogeneous Dose Retest to Identify Inhibitors of RecA-Intein Splicing Activity (AID 435010) • Fluorescence Cell-Free Homogeneous Secondary Screen to Identify Inhibitors of DnaB-Intein Splicing Activity (AID 449749) • Fluorescence Cell-Free Homogeneous Secondary Screen to Identify Non-Covalent Inhibitors of RecA-Intein Splicing Activity (AID 449750) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of Protein Arginine Deiminase 4 (PAD4) (1536 HTS) (AID 485272) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of human platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (PAFAH1B2) (AID 492953) • Fluorescence polarization-based biochemical high throughput confirmation assay for inhibitors of human platelet-activating factor acetylhydrolase 1b, catalytic subunit 2 (PAFAH1B2) (AID 493034) • Inhibition of SOD1 G93A mutant aggregation in rat PC12 cells by cytotoxicity protection assay (AID 551238) • Epi Absorbance-based biochemical primary high throughput screening assay to identify inhibitors of human tyrosyl-DNA phosphodiesterase 2 (TDP2) (AID 720702)
BRD-A50837272-001-05-1 MLS000058569 SMR000068287 T5339763 AC1MHA7Z MLS001331552 BDBM39972 HMS2374G09 PubChem CID : 2998734		0.67 (in 4 replicates)	-0.47	0.331				Total number of assays tested in: 791. Active in the following assays: • HTS Discovery of Chemical Inhibitors of HePTP, a Leukemia Target (AID 521) • qHTS Assay for Spectroscopic Profiling in A350 Spectral Region (AID 590) • HTS of Estrogen Receptor- alpha Coactivator Binding inhibitors (AID 629) • HTS for Estrogen Receptor-beta Coactivator Binding inhibitors (AID 633) • Estrogen Receptor-alpha Coactivator Binding Inhibitors Dose Response Confirmation (AID 713) • Primary biochemical high-throughput screening assay for inhibitors of Focal Adhesion Kinase (FAK) (AID 727) • Estrogen Receptor-beta Coactivator Binding Inhibitors Dose Response Confirmation (AID 733) • High Throughput Fluorescence Polarization Screen for Bcl-B Phenotype Converters (AID 748) • uHTS of Mcl-1/Noxa interaction inhibitors (AID 1022) • TR-FRET-based primary biochemical high-throughput screening assay to identify inhibitors of Hepatitis C Virus (HCV) core protein dimerization (AID 1899) • 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) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of myeloid cell leukemia sequence 1 (MCL1) interactions with BIM-BH3 peptide. (AID 2057) • qHTS Assay for Inhibitors of the Human Apurinic/apyrimidinic Endonuclease 1 (APE1) (AID 2517) • qHTS Assay for Inhibitors of Bloom's syndrome helicase (BLM) (AID 2528) • qHTS Assay for Inhibitors of Tyrosyl-DNA Phosphodiesterase (TDP1) (AID 485290) • qHTS Assay for Inhibitors of DNA Polymerase Beta (AID 485314) • qHTS Assay for the Inhibitors of L3MBTL1 (AID 485360) • Confirmation Assay for Inhibitors of Tyrosyl-DNA Phosphodiesterase (TDP1) (AID 489007) • uHTS identification of APOBEC3A DNA Deaminase Inhibitors via a fluorescence-based single-stranded DNA deaminase assay (AID 493011) • uHTS Colorimetric assay for identification of inhibitors of Scp-1 (AID 493091) • Single concentration confirmation of uHTS for APOBEC3A DNA Deaminase Inhibitors via a fluorescence-based single-stranded DNA deaminase assay (AID 493151) • qHTS Assay for Inhibitors of BAZ2B (AID 504333) • Inhibitors of DNA Polymerase Beta: Hit validation (AID 540280) • uHTS identification of DNMT1 inhibitors in a Fluorescent Molecular Beacon assay (AID 588458) • qHTS for Inhibitors of Polymerase Kappa (AID 588579) • qHTS for Inhibitors of Polymerase Iota (AID 588590) • qHTS for Inhibitors of Polymerase Eta (AID 588591) • qHTS for Inhibitors of phosphatidylinositol 5-phosphate 4-kinase (PI5P4K) (AID 652105)