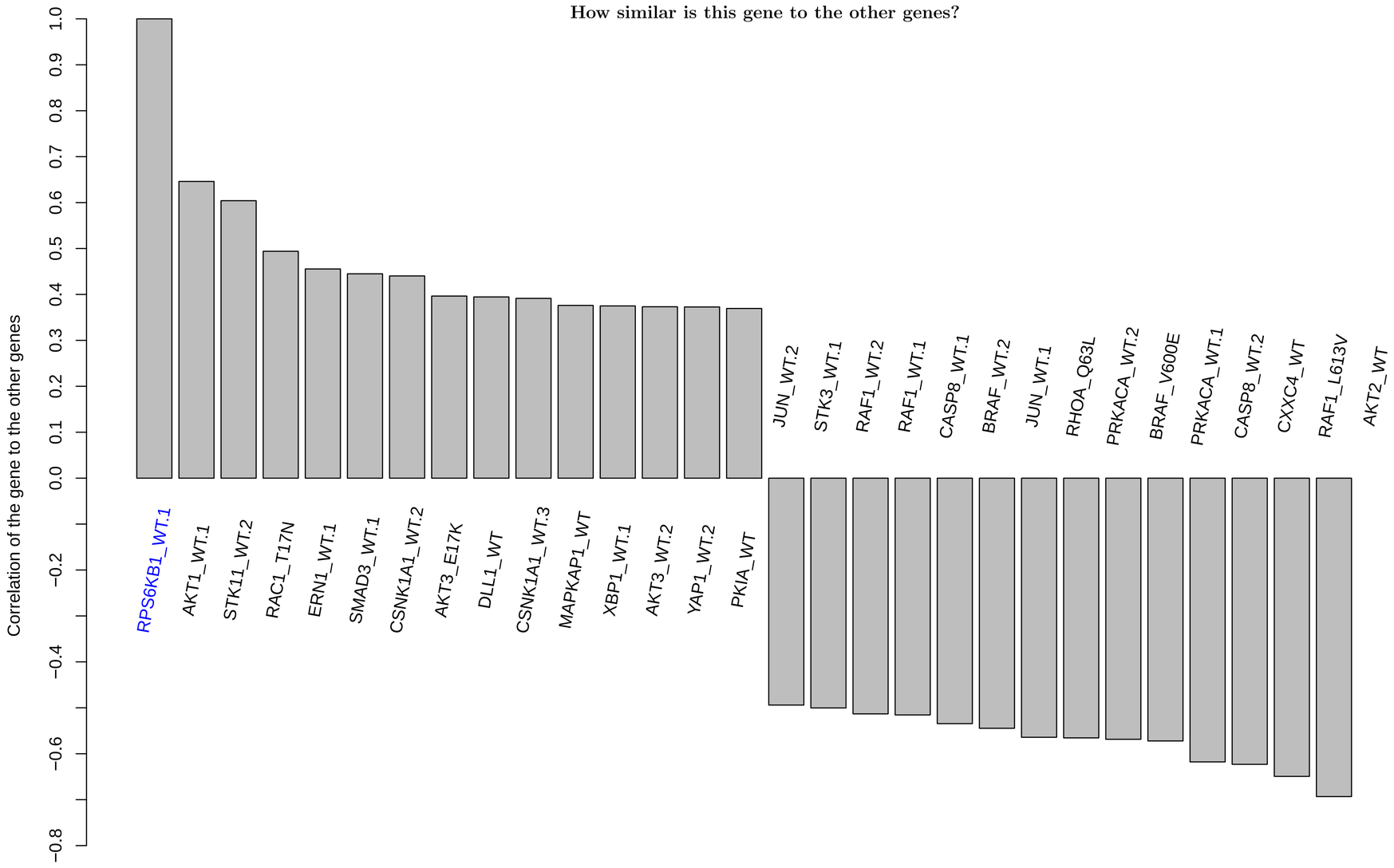
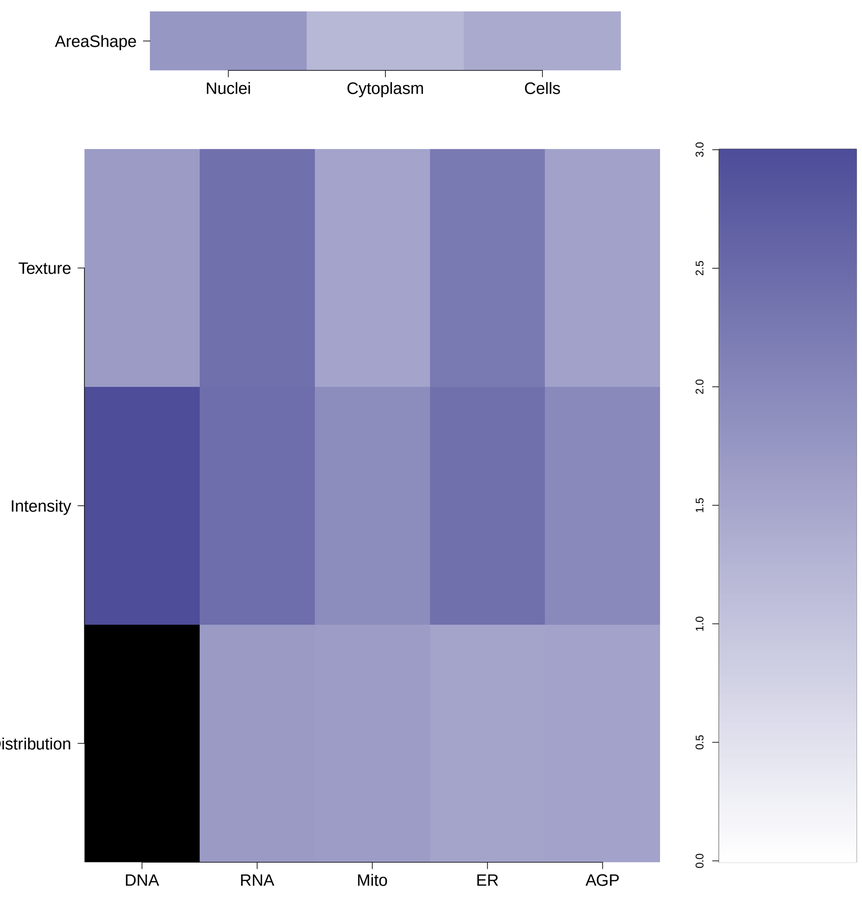
RPS6KB1_WT.1 - in Canonical TOR

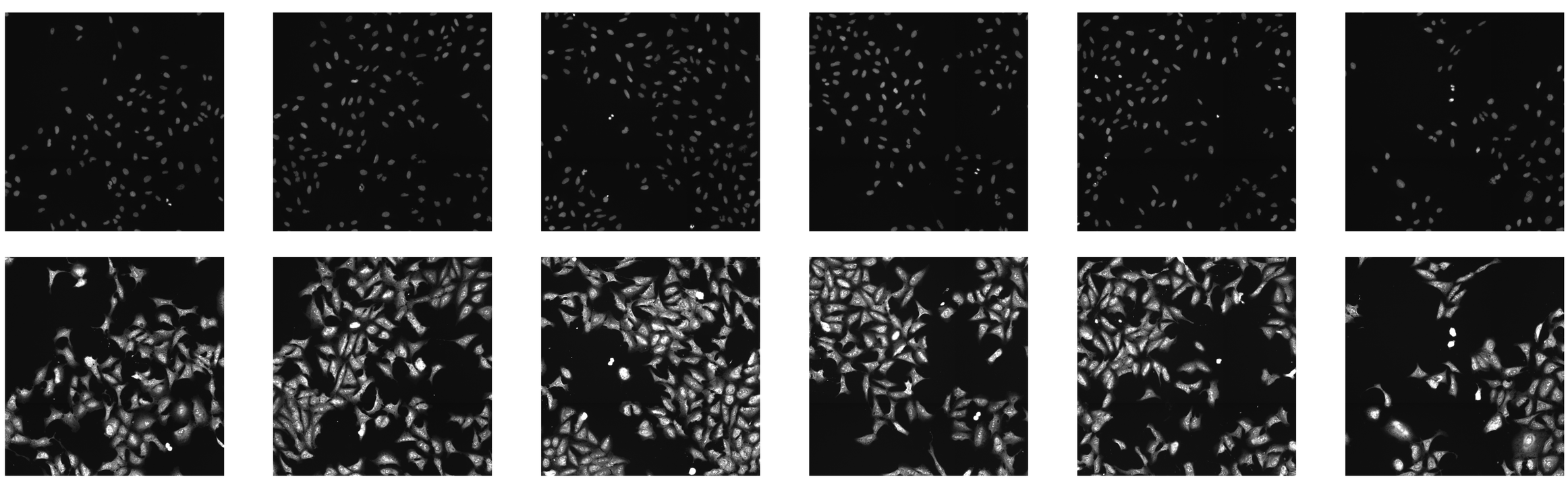
How similar is this gene to the other genes?



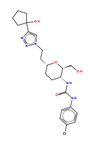
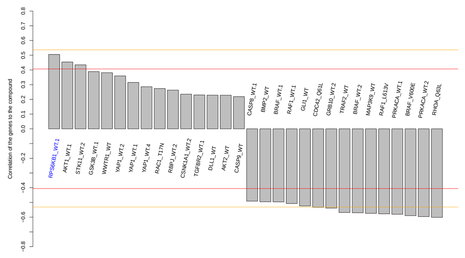
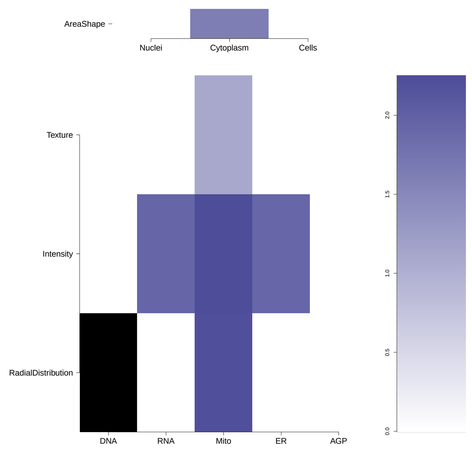
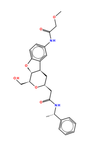
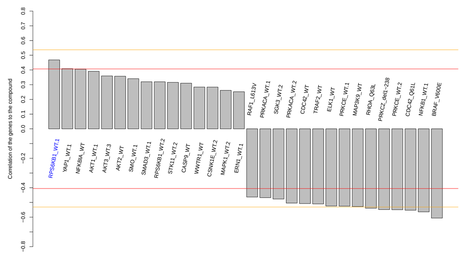
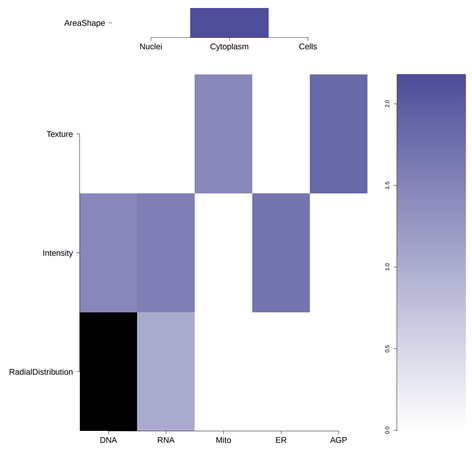
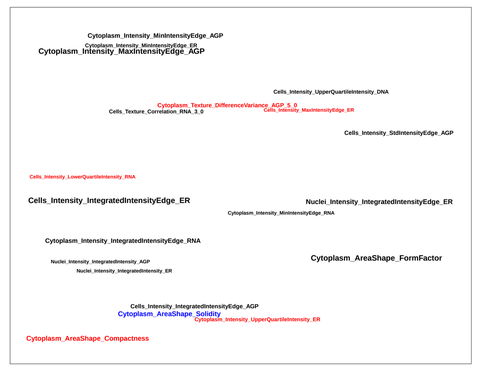
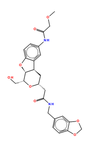
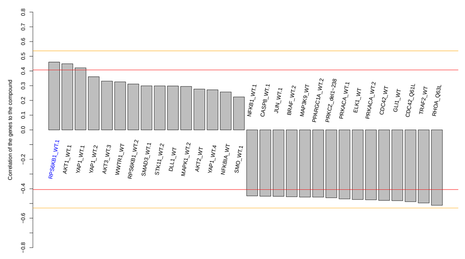
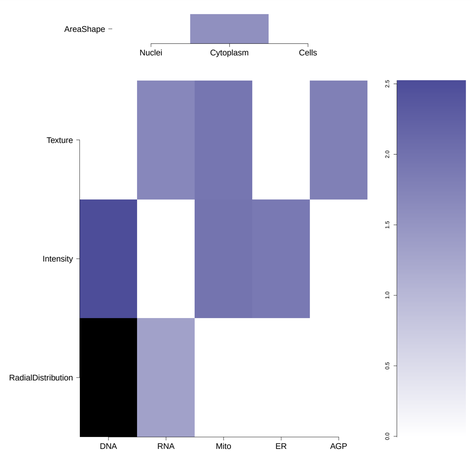
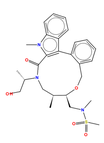
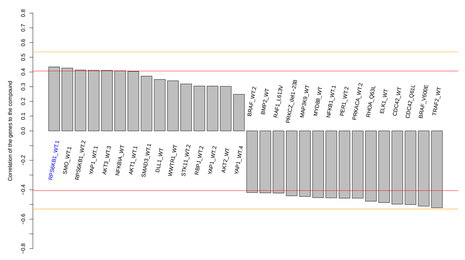
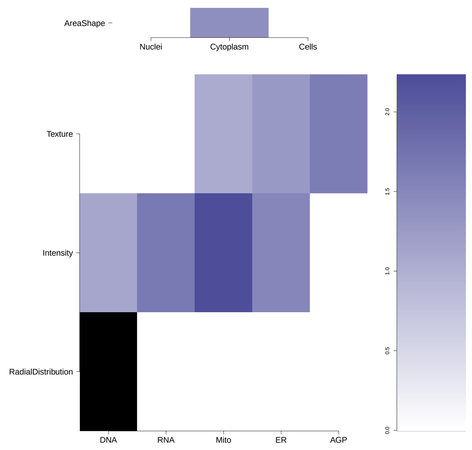
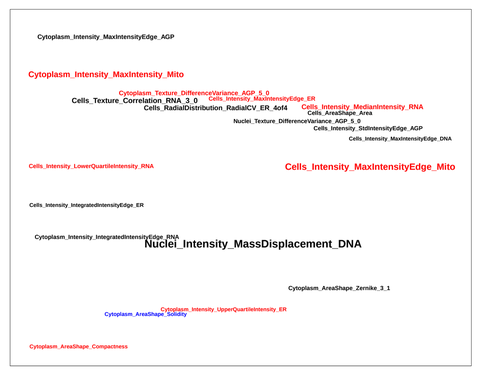
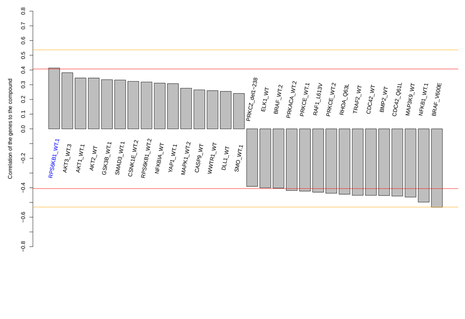
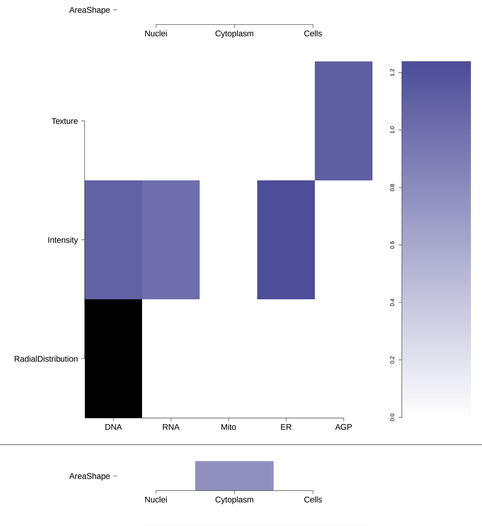
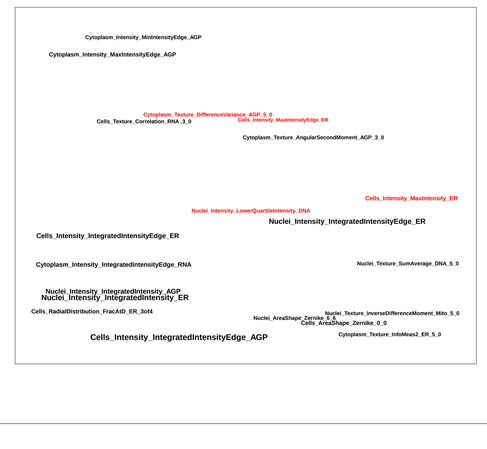
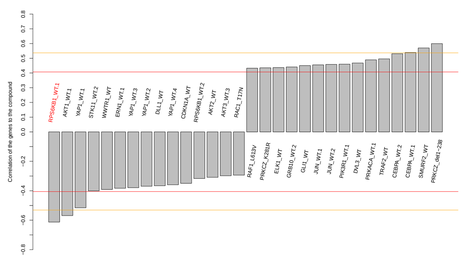
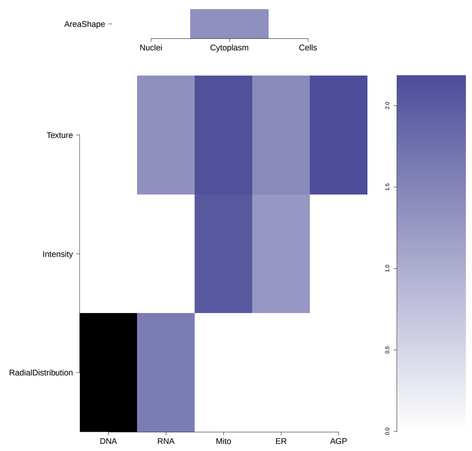
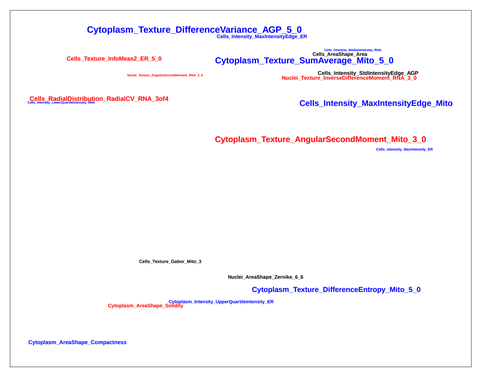
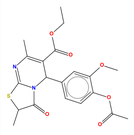
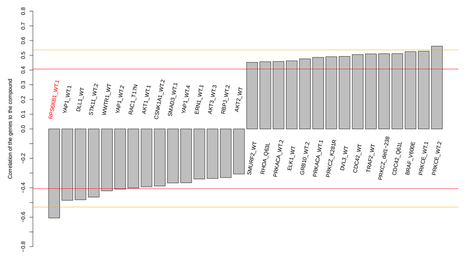
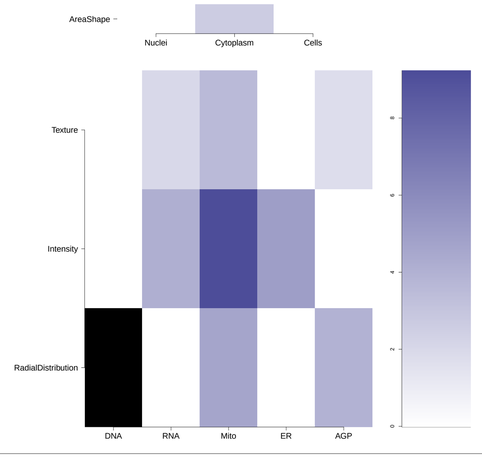
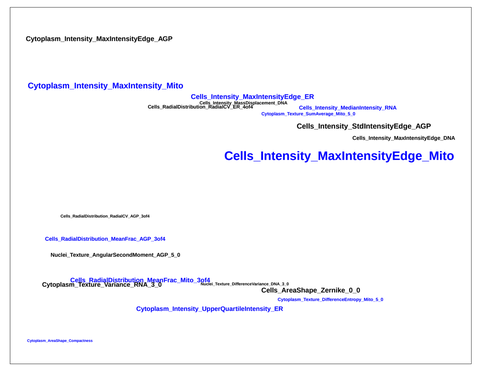
What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the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

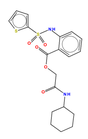
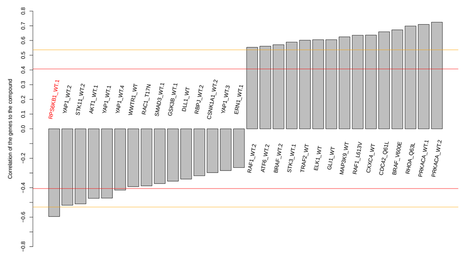
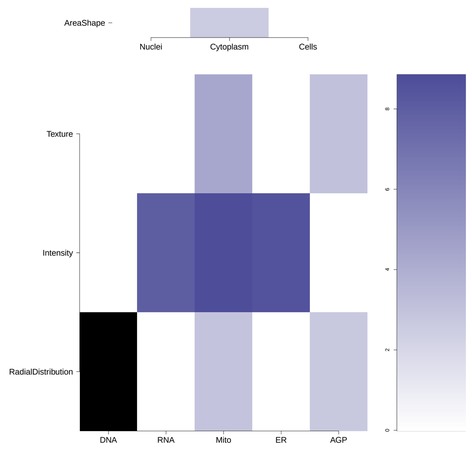
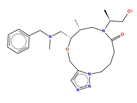
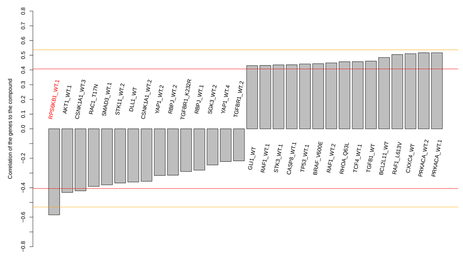
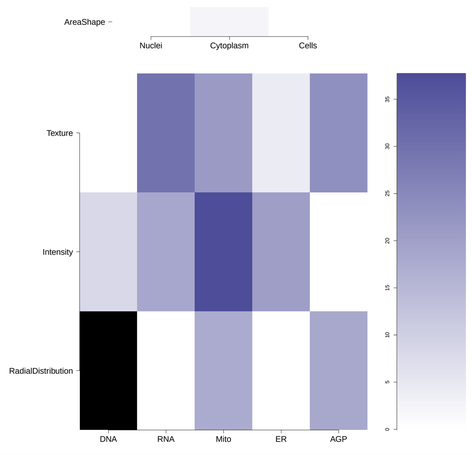
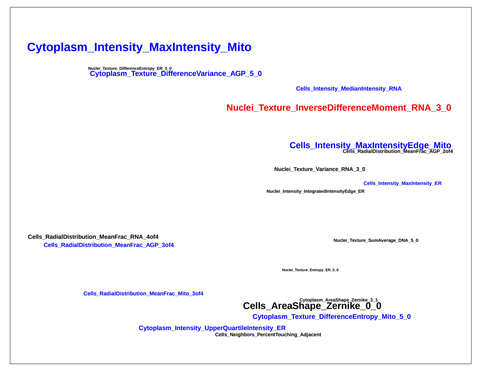
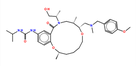
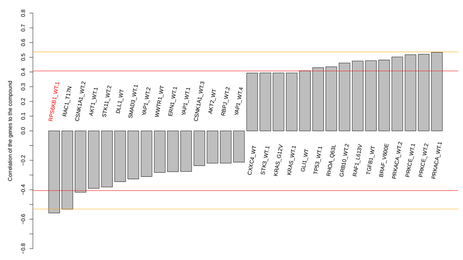
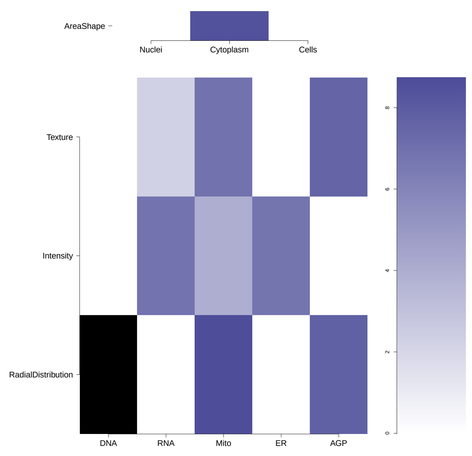
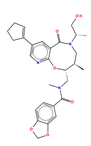
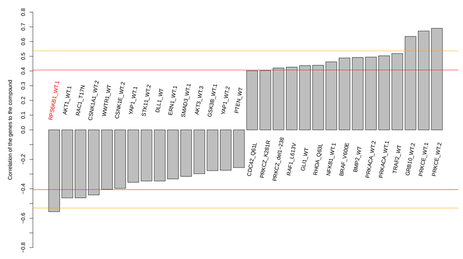
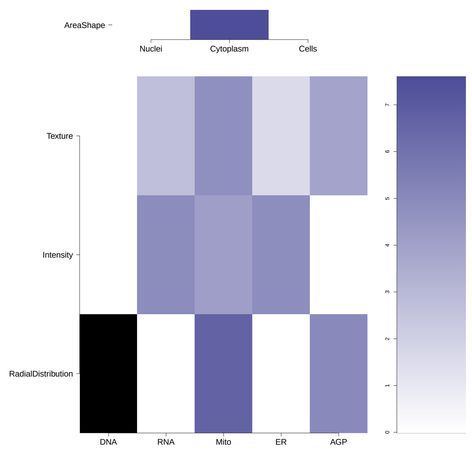
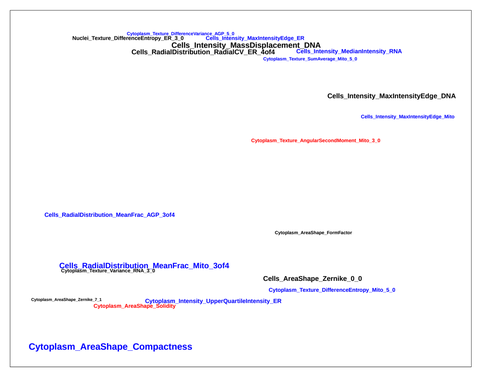
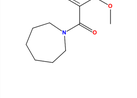
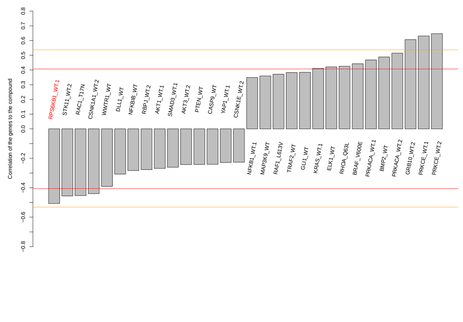
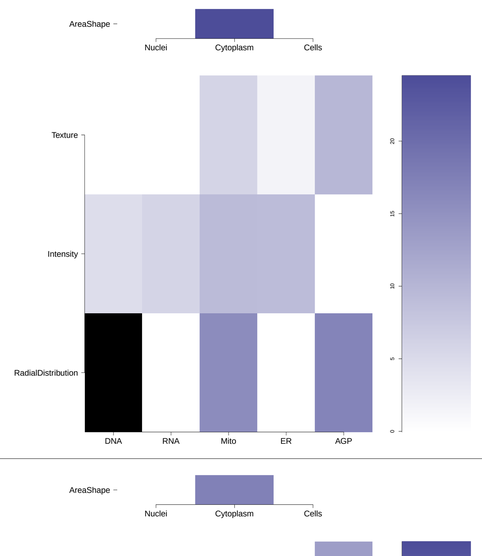


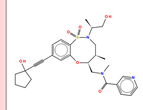
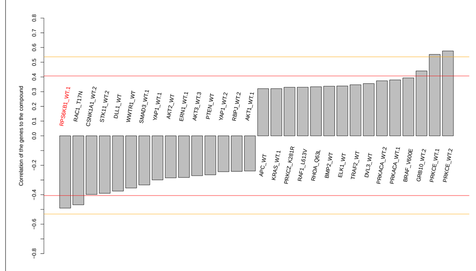
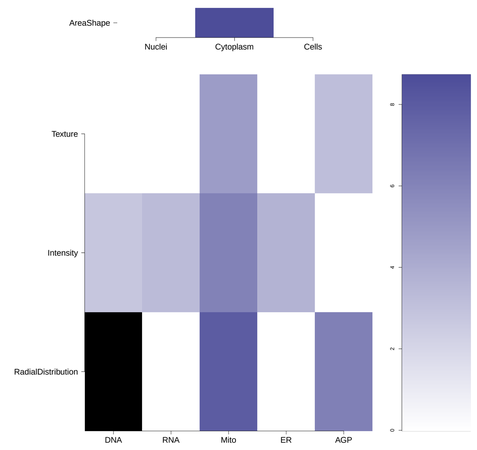
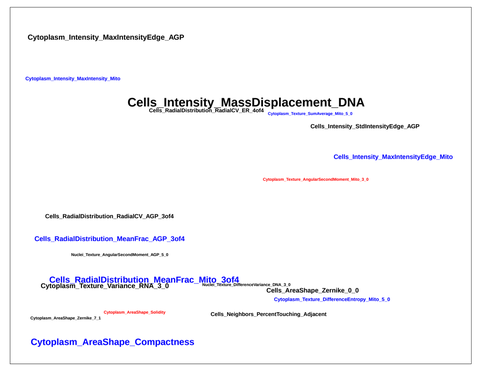
Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.



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 0.52)	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

BRD-K97780373-001-01-3 PubChem CID : 54641361		NA (in 1 replicates)	0.51	NA				Total number of assays tested in: 37.
BRD-K11468724-001-01-4 PubChem CID : 54646064		NA (in 1 replicates)	0.47	0.116				Total number of assays tested in: 38.
BRD-K75576199-001-01-3 PubChem CID : 54645862		0.56 (in 3 replicates)	0.46	0.811				Total number of assays tested in: 41.
BRD-K15803157-001-01-4 PubChem CID : 54638037		0.67 (in 3 replicates)	0.43	0.868				Total number of assays tested in: 36.
BRD-K36730085-001-01-1 PubChem CID : 54640639		0.68 (in 3 replicates)	0.41	0.801				Total number of assays tested in: 36.
BRD-K34055449-001-01-6 PubChem CID : 54618646		0.64 (in 4 replicates)	-0.61	0.060				Total number of assays tested in: 34.
BRD-A63863910-001-05-0 SMR000042441 AC1LD64V MLS000077829 MLS002582481 HMS2340E15 STK881235 PubChem CID : 661837		0.80 (in 4 replicates)	-0.60	NA				Total number of assays tested in: 740. Active in the following assays: • Screening for Modulators of Post-Golgi Transport, Control Strain (AID 738) • High Content Assay for Compounds that inhibit the Assembly of the Perinucleolar Compartment (AID 2417) • HTS Assay for Positive Allosteric Modulators of the Human D2 Dopamine Receptor: Primary Screen for Potentiators (AID 485347) • qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364) • Primary cell-based screen for identification of compounds that inhibit the two-pore domain potassium channel KCNK9 (AID 488922) • Confirmatory screen for identification of compounds that inhibit the two-pore domain potassium channel (KCNK9) (AID 492997) • Second counter screen for compounds that modulate the two-pore domain potassium channel (KCNK9) (AID 492992) • HTS Assay for Inhibitors of Akt Phophorylation: Primary Screen (AID 651550)

BRD-K52251545-001-05-2 AC1M5VPS MLS000418615 HMS2531C16 ZINC3270008 SMR000247565 T0510-7581 PubChem CID : 2386323		0.83 (in 4 replicates)	-0.60	NA				Total number of assays tested in: 629. Active in the following assays: • Total Fluorescence Counterscreen for Inhibitors of the Interaction of Thyroid Hormone Receptor and Steroid Receptor Coregulator 2 (AID 1479) • Antagonist of Human D 1 Dopamine Receptor: qHTS (AID 504652) • High-throughput multiplex microsphere screening for inhibitors of toxin protease, specifically Botulinum neurotoxin light chain F protease, MLPCN compound set (AID 588497)
BRD-K30937833-001-01-3 PubChem CID : 44488163		0.85 (in 2 replicates)	-0.58	0.387				Total number of assays tested in: 50.
BRD-K31897694-001-01-6 PubCID : 44497269		0.66 (in 4 replicates)	-0.56	0.027				Total number of assays tested in: 43.
BRD-K36394966-001-01-0 PubCID : 54618613		0.93 (in 4 replicates)	-0.56	0.803				Total number of assays tested in: 34.
BRD-K48966181-001-06-9 ST50591150 MLS000110969 AC1LFUD4 HMS1611M08 HMS2365A16 ZINC227696 STK019124 ZINC00227696 SMR000106898 PubCID : 760119		0.95 (in 2 replicates)	-0.51	NA				Total number of assays tested in: 755. Active in the following assays: • qHTS Assay for Inhibitors of HPGD (15-Hydroxyprostaglandin Dehydrogenase) (AID 894) • Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domains, specifically MEK5 MEK Kinase3 Wildtype (AID 1529) • Luminescence Microorganism Primary HTS to Identify Inhibitors of the SUMOylation Pathway Using a Temperature Sensitive Growth Reversal Mutant Mot1-301 (AID 2716)
BRD-K37211799-001-06-7 SMR000105318 MLS000109375 ST037344 AC1LC7O8 BDBM68651 HMS2308O10 ZINC127964 STK795094 ZINC00127964 PubCID : 549453		0.80 (in 4 replicates)	-0.50	NA				Total number of assays tested in: 763. Active in the following assays: • Fluorescence Cell-Free Homogeneous Primary HTS to Identify Inhibitors of the RanGTP-Importin-beta complex (AID 2216) • qHTS of PTHR Inhibitors: Primary Screen (AID 743266)
BRD-K30446755-001-01-9 PubCID : 54649001		0.55 (in 2 replicates)	-0.50	0.962				Total number of assays tested in: 36.

BRD-K17619044-001-01-9 PubChem CID : 54618723		0.67 (in 3 replicates)	-0.49	0.387				Total number of assays tested in: 36. Active in the following assays: • Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01_Activator_SinglePoint_HTS_Activity (AID 623901) • Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01_Activator_Dose_CherryPick_Activity (AID 651956)