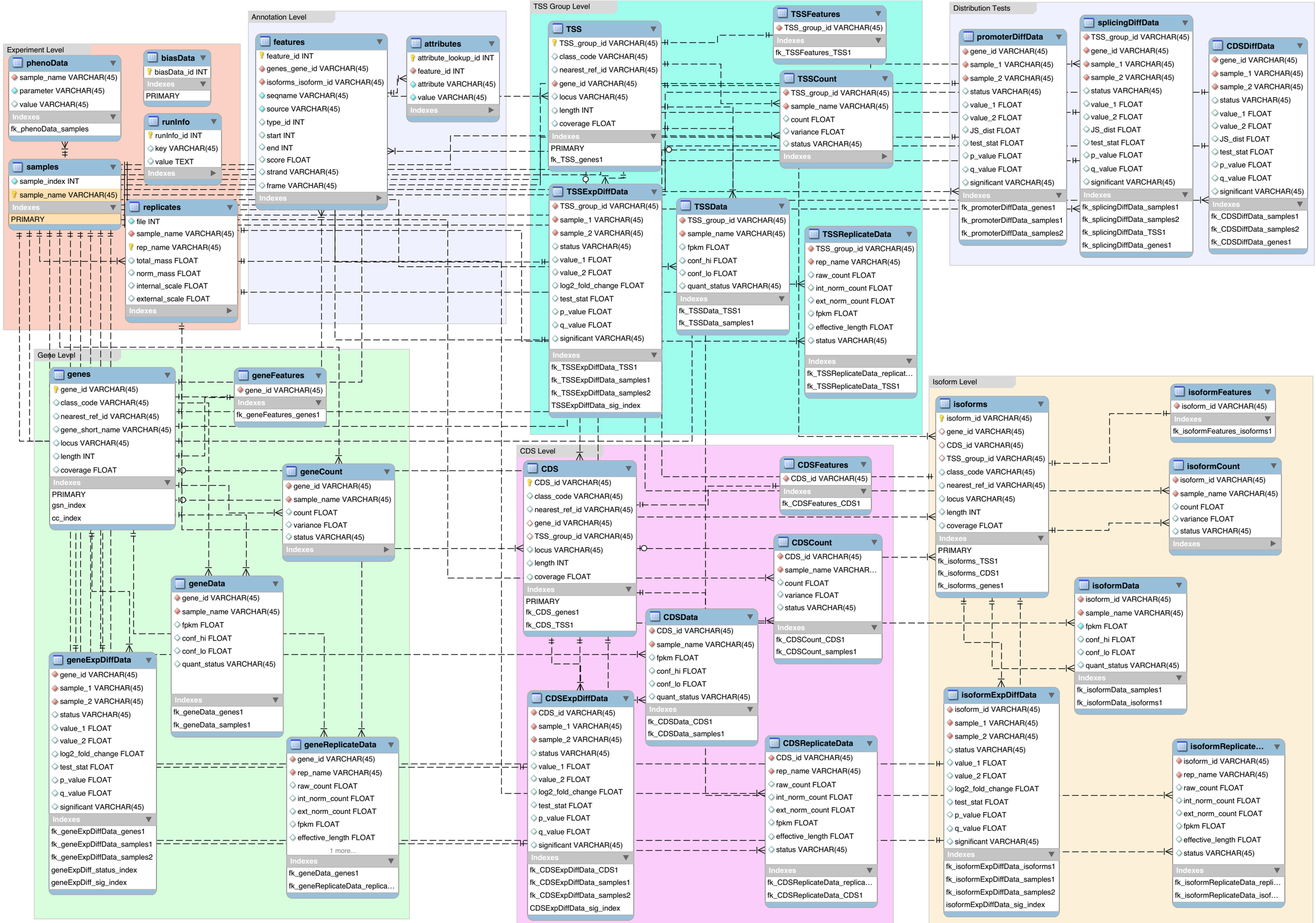
Experiment Level
phenoData
sample_name VARCHAR(45)
parameter VARCHAR(45)
value VARCHAR(45)
Indexes
fk_phenoData_samples
biasData
biasData_id INT
Indexes
PRIMARY
runInfo
runInfo_id INT
key VARCHAR(45)
value TEXT
Indexes
samples
sample_index INT
sample_name VARCHAR(45)
Indexes
PRIMARY
replicates
file INT
sample_name VARCHAR(45)
rep_name VARCHAR(45)
total_mass FLOAT
norm_mass FLOAT
internal_scale FLOAT
external_scale FLOAT
Indexes
Annotation Level
features
feature_id INT
genes_gene_id VARCHAR(45)
isoforms_isoform_id VARCHAR(45)
seqname VARCHAR(45)
source VARCHAR(45)
type_id INT
start INT
end INT
score FLOAT
strand VARCHAR(45)
frame VARCHAR(45)
Indexes
attributes
attribute_lookup_id INT
feature_id INT
attribute VARCHAR(45)
value VARCHAR(45)
Indexes
TSS Group Level
TSS
TSS_group_id VARCHAR(45)
class_code VARCHAR(45)
nearest_ref_id VARCHAR(45)
gene_id VARCHAR(45)
locus VARCHAR(45)
length INT
coverage FLOAT
Indexes
PRIMARY
fk_TSS_genes1
TSSFeatures
TSS_group_id VARCHAR(45)
Indexes
fk_TSSFeatures_TSS1
TSSCount
TSS_group_id VARCHAR(45)
sample_name VARCHAR(45)
count FLOAT
variance FLOAT
status VARCHAR(45)
Indexes
TSSExpDiffData
TSS_group_id VARCHAR(45)
sample_1 VARCHAR(45)
sample_2 VARCHAR(45)
status VARCHAR(45)
value_1 FLOAT
value_2 FLOAT
log2_fold_change FLOAT
test_stat FLOAT
p_value FLOAT
q_value FLOAT
significant VARCHAR(45)
Indexes
fk_TSSExpDiffData_TSS1
fk_TSSExpDiffData_samples1
fk_TSSExpDiffData_samples2
TSSExpDiffData_sig_index
TSSData
TSS_group_id VARCHAR(45)
sample_name VARCHAR(45)
fpkm FLOAT
conf_hi FLOAT
conf_lo FLOAT
quant_status VARCHAR(45)
Indexes
fk_TSSData_TSS1
fk_TSSData_samples1
TSSReplicateData
TSS_group_id VARCHAR(45)
rep_name VARCHAR(45)
raw_count FLOAT
int_norm_count FLOAT
ext_norm_count FLOAT
fpkm FLOAT
effective_length FLOAT
status VARCHAR(45)
Indexes
fk_TSSReplicateData_replicat…
fk_TSSReplicateData_TSS1
Distribution Tests
promoterDiffData
gene_id VARCHAR(45)
sample_1 VARCHAR(45)
sample_2 VARCHAR(45)
status VARCHAR(45)
value_1 FLOAT
value_2 FLOAT
JS_dist FLOAT
test_stat FLOAT
p_value FLOAT
q_value FLOAT
significant VARCHAR(45)
Indexes
fk_promoterDiffData_genes1
fk_promoterDiffData_samples1
fk_promoterDiffData_samples2
splicingDiffData
TSS_group_id VARCHAR(45)
gene_id VARCHAR(45)
sample_1 VARCHAR(45)
sample_2 VARCHAR(45)
status VARCHAR(45)
value_1 FLOAT
value_2 FLOAT
JS_dist FLOAT
test_stat FLOAT
p_value FLOAT
q_value FLOAT
significant VARCHAR(45)
Indexes
fk_splicingDiffData_samples1
fk_splicingDiffData_samples2
fk_splicingDiffData_TSS1
fk_splicingDiffData_genes1
CDSDiffData
gene_id VARCHAR(45)
sample_1 VARCHAR(45)
sample_2 VARCHAR(45)
status VARCHAR(45)
value_1 FLOAT
value_2 FLOAT
JS_dist FLOAT
test_stat FLOAT
p_value FLOAT
q_value FLOAT
significant VARCHAR(45)
Indexes
fk_CDSDiffData_samples1
fk_CDSDiffData_samples2
fk_CDSDiffData_genes1
Gene Level
genes
gene_id VARCHAR(45)
class_code VARCHAR(45)
nearest_ref_id VARCHAR(45)
gene_short_name VARCHAR(45)
locus VARCHAR(45)
length INT
coverage FLOAT
Indexes
PRIMARY
gsn_index
cc_index
geneFeatures
gene_id VARCHAR(45)
Indexes
fk_geneFeatures_genes1
geneCount
gene_id VARCHAR(45)
sample_name VARCHAR(45)
count FLOAT
variance FLOAT
status VARCHAR(45)
Indexes
geneData
gene_id VARCHAR(45)
sample_name VARCHAR(45)
fpkm FLOAT
conf_hi FLOAT
conf_lo FLOAT
quant_status VARCHAR(45)
Indexes
fk_geneData_genes1
fk_geneData_samples1
geneExpDiffData
gene_id VARCHAR(45)
sample_1 VARCHAR(45)
sample_2 VARCHAR(45)
status VARCHAR(45)
value_1 FLOAT
value_2 FLOAT
log2_fold_change FLOAT
test_stat FLOAT
p_value FLOAT
q_value FLOAT
significant VARCHAR(45)
Indexes
fk_geneExpDiffData_genes1
fk_geneExpDiffData_samples1
fk_geneExpDiffData_samples2
geneExpDiff_status_index
geneExpDiff_sig_index
geneReplicateData
gene_id VARCHAR(45)
rep_name VARCHAR(45)
raw_count FLOAT
int_norm_count FLOAT
ext_norm_count FLOAT
fpkm FLOAT
effective_length FLOAT
1 more...
Indexes
fk_geneData_genes1
fk_geneReplicateData_replica…
CDS Level
CDS
CDS_id VARCHAR(45)
class_code VARCHAR(45)
nearest_ref_id VARCHAR(45)
gene_id VARCHAR(45)
TSS_group_id VARCHAR(45)
locus VARCHAR(45)
length INT
coverage FLOAT
Indexes
PRIMARY
fk_CDS_genes1
fk_CDS_TSS1
CDSFeatures
CDS_id VARCHAR(45)
Indexes
fk_CDSFeatures_CDS1
CDSCount
CDS_id VARCHAR(45)
sample_name VARCHAR…
count FLOAT
variance FLOAT
status VARCHAR(45)
Indexes
fk_CDSCount_CDS1
fk_CDSCount_samples1
CDSData
CDS_id VARCHAR(45)
sample_name VARCHAR(45)
fpkm FLOAT
conf_hi FLOAT
conf_lo FLOAT
quant_status VARCHAR(45)
Indexes
fk_CDSData_CDS1
fk_CDSData_samples1
CDSExpDiffData
CDS_id VARCHAR(45)
sample_1 VARCHAR(45)
sample_2 VARCHAR(45)
status VARCHAR(45)
value_1 FLOAT
value_2 FLOAT
log2_fold_change FLOAT
test_stat FLOAT
p_value FLOAT
q_value FLOAT
significant VARCHAR(45)
Indexes
fk_CDSExpDiffData_CDS1
fk_CDSExpDiffData_samples1
fk_CDSExpDiffData_samples2
CDSExpDiffData_sig_index
CDSReplicateData
CDS_id VARCHAR(45)
rep_name VARCHAR(45)
raw_count FLOAT
int_norm_count FLOAT
ext_norm_count FLOAT
fpkm FLOAT
effective_length FLOAT
status VARCHAR(45)
Indexes
fk_CDSReplicateData_replica…
fk_CDSReplicateData_CDS1
Isoform Level
isoforms
isoform_id VARCHAR(45)
gene_id VARCHAR(45)
CDS_id VARCHAR(45)
TSS_group_id VARCHAR(45)
class_code VARCHAR(45)
nearest_ref_id VARCHAR(45)
locus VARCHAR(45)
length INT
coverage FLOAT
Indexes
PRIMARY
fk_isoforms_TSS1
fk_isoforms_CDS1
fk_isoforms_genes1
isoformFeatures
isoform_id VARCHAR(45)
Indexes
fk_isoformFeatures_isoforms1
isoformCount
isoform_id VARCHAR(45)
sample_name VARCHAR(45)
count FLOAT
variance FLOAT
status VARCHAR(45)
Indexes
isoformData
isoform_id VARCHAR(45)
sample_name VARCHAR(45)
fpkm FLOAT
conf_hi FLOAT
conf_lo FLOAT
quant_status VARCHAR(45)
Indexes
fk_isoformData_samples1
fk_isoformData_isoforms1
isoformExpDiffData
isoform_id VARCHAR(45)
sample_1 VARCHAR(45)
sample_2 VARCHAR(45)
status VARCHAR(45)
value_1 FLOAT
value_2 FLOAT
log2_fold_change FLOAT
test_stat FLOAT
p_value FLOAT
q_value FLOAT
significant VARCHAR(45)
Indexes
fk_isoformExpDiffData_isoforms1
fk_isoformExpDiffData_samples1
fk_isoformExpDiffData_samples2
isoformExpDiffData_sig_index
isoformReplicate…
isoform_id VARCHAR(45)
rep_name VARCHAR(45)
raw_count FLOAT
int_norm_count FLOAT
ext_norm_count FLOAT
fpkm FLOAT
effective_length FLOAT
status VARCHAR(45)
Indexes
fk_isoformReplicateData_repli…
fk_isoformReplicateData_isof…