

gene	
Entity: Gene	
id	long
display_name	string
chromosome	string
start_position	long
stop_position	long
band	string
strand	string
description	string
ensg_accession	string
dbsource_id	long
created_time	timestamp
last_updated_time	timestamp

gene_accession	
Entity:	
gene_id	long
accession_id	long

accession	
Entity: Accession	
id	long
association	string
ac_type_id	long
description	string
db_source_id	long

evidence	
Entity: Evidence	
id	long
evidence_value	string
tpb_data_type_id	long
evidence_link	string
gene_id	long
identified_ac_id	long
color_level	int
created_time	timestamp
last_updated_time	timestamp

tpb_data_type	
Entity: HPPDataType	
id	long
display_name	string
data_type	string
tl_level	int
parent_data_type_id	long

accession_type	
Entity: AccessionType	
accession_type_id	long
ac_ype	string

db_source	
Entity: DBSource	
id	long
db_name	string
database_owner	string
hyper_link	string
primary_evidence_src	boolean
description	string

pe_evidence	
Entity: PEEvidence	

tlgene_gene	
Entity:N/A	
tl_gene_id	long
gene_id	long

tl_gene	
Entity: TLGene	
id	long
display_name	string
chromosome	string
start_position	long
end_position	long
band	string
strand	string
description	string
ensg_accession	string

tpb_gene	
Entity: TPBGene	
id	long
display_name	string
chromosome	string
start_position	long
end_position	long
band	string
strand	string
description	string
ensg_accession	string

traffic_light	
Entity: TrafficLight	
id	long
tl_gene_id	long
pe_color_id	long
pe_ms_color_id	long
pe_anti_color_id	long
pe_oth_color_id	long
pe_ms_ann_color_id	long
pe_anti_ann_color_id	long
pe_oth_cur_color_id	long
seq_color_id	long
seq_iso_color_id	long
seq_snp_color_id	long
seq_var_color_id	long
seq_iso_cnt_color_id	long
seq_snp_cnt_color_id	long
seq_var_cnt_color_id	long
ptm_color_id	long
ptm_gly_color_id	long
ptm_phs_color_id	long
ptm_ace_color_id	long
ptm_lpd_color_id	long
ptm_clv_color_id	long
ptm_oth_color_id	long
ptm_gly_nlnk_color_id	long
ptm_gly_olnk_color_id	long
ptm_gly_gly_color_id	long
ptm_gly_oth_color_id	long
ptm_phs_ser_color_id	long
ptm_phs_thr_color_id	long
ptm_phs_tyr_color_id	long
ptm_phs_ser_color_id	long
ptm_ace_nta_color_id	long
ptm_ace_oac_color_id	long
ptm_ace_oth_color_id	long
ptm_lpd_prn_color_id	long
ptm_lpd_myr_color_id	long
ptm_lpd_plm_color_id	long
ptm_lpd_gpi_color_id	long
ptm_lpd_oth_color_id	long
ptm_clv_sig_color_id	long
ptm_clv_pro_color_id	long
ptm_clv_oth_color_id	long
ptm_oth_ss_color_id	long
ptm_oth_unc_color_id	long
dis_color_id	long
dis_can_color_id	long
dis_oth_color_id	long
str_color_id	long
str_3d_color_id	long
str_hom_color_id	long
str_3d_xry_color_id	long
str_3d_nmr_color_id	long
str_3d_oth_color_id	long
str_hom_mtf_color_id	long
str_hom_dom_color_id	long
str_hom_oth_color_id	long
loc_color_id	long
loc_sbc_color_id	long
loc_cit_color_id	long
loc_tis_color_id	long
version_id	long

tl_color	
Entity: TLColor	
id	long
color	string
color_level	int

tl_puts	
Entity: TLPUTs	
id	long
description	string
name	string
hpp_data_type_id	long

tl_puts_entry	
Entity: TLPUTsEntry	
id	long
puts_name	string
puts_value	string
puts_id	long

ds_version	
Entity: DSVersion	
id	long
version_no	int
created_time	timestamp
chromosome	string
created_time	timestamp

tpb_version	
Entity: TPBVersion	
id	long
version_no	int
created_time	timestamp
nx_version_id	long
gpm_version_id	long
peptide_version_id	long
hpa_version_id	long
track_token	string