# sky [table]

| column | type |
|---|---|
| **sky_id** | bigserial not null auto-incremented |
| obj_id | int8 not null |
| obj_id_orig | varchar |
| ra | float8(17, 17) not null |
| "dec" | float8(17, 17) not null |
| epoch | varchar |
| tract | int4 |
| patch | int4 |
| target_type_id | int4 |
| input_catalog_id | int4 not null |
| mag_thresh | float8(17, 17) |
| version | varchar not null |
| created_at | timestamp |
| updated_at | timestamp |

# proposal [table]

| column | type |
|---|---|
| **proposal_id** | varchar not null |
| group_id | varchar |
| pi_first_name | varchar |
| pi_last_name | varchar |
| pi_middle_name | varchar |
| rank | float8(17, 17) |
| grade | varchar |
| allocated_time_total | float8(17, 17) |
| proposal_category_id | int4 |
| created_at | timestamp |
| updated_at | timestamp |
| allocated_time_lr | float8(17, 17) |
| allocated_time_mr | float8(17, 17) |

# proposal_category [table]

| column | type |
|---|---|
| **proposal_category_id** | int4 not null |
| proposal_category_name | varchar |
| proposal_category_description | varchar |
| created_at | timestamp |
| updated_at | timestamp |

# target_type [table]

| column | type |
|---|---|
| **target_type_id** | int4 not null |
| target_type_name | varchar not null |
| target_type_description | varchar |
| created_at | timestamp |
| updated_at | timestamp |

# input_catalog [table]

| column | type |
|---|---|
| **input_catalog_id** | int4 not null |
| input_catalog_name | varchar |
| input_catalog_description | varchar |
| created_at | timestamp |
| updated_at | timestamp |
| upload_id | varchar(16) |

# cluster [table]

| column | type |
|---|---|
| **cluster_id** | int8 not null |
| **target_id** | int8 not null |
| n_targets | int4 |
| ra_cluster | float8(17, 17) |
| dec_cluster | float8(17, 17) |
| d_ra | float8(17, 17) |
| d_dec | float8(17, 17) |
| input_catalog_id | int4 |
| created_at | timestamp |
| updated_at | timestamp |

# alembic_version [table]

| column | type |
|---|---|
| **version_num** | varchar(32) not null |

# target [table]

| column | type |
|---|---|
| **target_id** | bigserial not null auto-incremented |
| proposal_id | varchar |
| obj_id | int8 not null |
| ra | float8(17, 17) not null |
| "dec" | float8(17, 17) not null |
| epoch | varchar |
| parallax | float8(17, 17) |
| pmra | float8(17, 17) |
| pmdec | float8(17, 17) |
| tract | int4 |
| patch | int4 |
| target_type_id | int4 |
| input_catalog_id | int4 not null |
| fiber_mag_g | float8(17, 17) |
| fiber_mag_r | float8(17, 17) |
| fiber_mag_i | float8(17, 17) |
| fiber_mag_z | float8(17, 17) |
| fiber_mag_y | float8(17, 17) |
| fiber_mag_j | float8(17, 17) |
| psf_mag_g | float8(17, 17) |
| psf_mag_r | float8(17, 17) |
| psf_mag_i | float8(17, 17) |
| psf_mag_z | float8(17, 17) |
| psf_mag_y | float8(17, 17) |
| psf_mag_j | float8(17, 17) |
| psf_flux_g | float8(17, 17) |
| psf_flux_r | float8(17, 17) |
| psf_flux_i | float8(17, 17) |
| psf_flux_z | float8(17, 17) |
| psf_flux_y | float8(17, 17) |
| psf_flux_j | float8(17, 17) |
| priority | float8(17, 17) |
| effective_exptime | float8(17, 17) |
| is_medium_resolution | bool |
| qa_relative_throughput | float8(17, 17) |
| qa_relative_noise | float8(17, 17) |
| qa_reference_lambda | float8(17, 17) |
| is_cluster | bool |
| created_at | timestamp |
| updated_at | timestamp |
| filter_g | varchar |
| filter_r | varchar |
| filter_i | varchar |
| filter_z | varchar |
| filter_y | varchar |
| filter_j | varchar |
| psf_mag_error_g | float8(17, 17) |
| psf_mag_error_r | float8(17, 17) |
| psf_mag_error_i | float8(17, 17) |
| psf_mag_error_z | float8(17, 17) |
| psf_mag_error_y | float8(17, 17) |
| psf_mag_error_j | float8(17, 17) |
| psf_flux_error_g | float8(17, 17) |
| psf_flux_error_r | float8(17, 17) |
| psf_flux_error_i | float8(17, 17) |
| psf_flux_error_z | float8(17, 17) |
| psf_flux_error_y | float8(17, 17) |
| psf_flux_error_j | float8(17, 17) |
| ob_code | varchar not null |

# filter_name [table]

| column | type |
|---|---|
| **filter_name** | varchar not null |
| filter_name_description | varchar |
| created_at | timestamp |
| updated_at | timestamp |

# fluxstd [table]

| column | type |
|---|---|
| **fluxstd_id** | bigserial not null auto-incremented |
| obj_id | int8 not null |
| ra | float8(17, 17) not null |
| "dec" | float8(17, 17) not null |
| epoch | varchar |
| parallax | float8(17, 17) |
| parallax_error | float8(17, 17) |
| pmra | float8(17, 17) |
| pmra_error | float8(17, 17) |
| pmdec | float8(17, 17) |
| pmdec_error | float8(17, 17) |
| tract | int4 |
| patch | int4 |
| target_type_id | int4 |
| input_catalog_id | int4 not null |
| psf_mag_g | float8(17, 17) |
| psf_mag_r | float8(17, 17) |
| psf_mag_i | float8(17, 17) |
| psf_mag_z | float8(17, 17) |
| psf_mag_y | float8(17, 17) |
| psf_mag_j | float8(17, 17) |
| psf_flux_g | float8(17, 17) |
| psf_flux_r | float8(17, 17) |
| psf_flux_i | float8(17, 17) |
| psf_flux_z | float8(17, 17) |
| psf_flux_y | float8(17, 17) |
| psf_flux_j | float8(17, 17) |
| prob_f_star | float8(17, 17) |
| flags_dist | bool |
| flags_ebv | bool |
| version | varchar not null |
| created_at | timestamp |
| updated_at | timestamp |
| filter_g | varchar |
| filter_r | varchar |
| filter_i | varchar |
| filter_z | varchar |
| filter_y | varchar |
| filter_j | varchar |
| psf_mag_error_g | float8(17, 17) |
| psf_mag_error_r | float8(17, 17) |
| psf_mag_error_i | float8(17, 17) |
| psf_mag_error_z | float8(17, 17) |
| psf_mag_error_y | float8(17, 17) |
| psf_mag_error_j | float8(17, 17) |
| psf_flux_error_g | float8(17, 17) |
| psf_flux_error_r | float8(17, 17) |
| psf_flux_error_i | float8(17, 17) |
| psf_flux_error_z | float8(17, 17) |
| psf_flux_error_y | float8(17, 17) |
| psf_flux_error_j | float8(17, 17) |
| teff_brutus | float8(17, 17) |
| teff_brutus_low | float8(17, 17) |
| teff_brutus_high | float8(17, 17) |
| logg_brutus | float8(17, 17) |
| logg_brutus_low | float8(17, 17) |
| logg_brutus_high | float8(17, 17) |
| teff_gspphot | float8(17, 17) |
| teff_gspphot_lower | float8(17, 17) |
| teff_gspphot_upper | float8(17, 17) |
| is_fstar_gaia | bool |