markers

- id: int
- markertype_id: int
- marker_name: varchar(45)
- created_on: datetime
- updated_on: timestamp

germinatebase

- id: int
- general_identifier: int
- number: varchar(255)
- name: varchar(255)
- bank_number: varchar(255)
- breeders_code: char(50)
- subtaxa_id: int
- taxonomy_id: int
- institution_id: int
- breeder_id: int
- plant_passport: varchar(255)
- donor_code: int
- donor_number: varchar(255)
- acqdate: varchar(255)
- collnumb: varchar(255)
- colldate: date
- collcode: int
- duplsite: varchar(255)
- biologicalstatus_id: int
- collsrc_id: int
- location_id: int
- created_on: datetime
- updated_on: timestamp

genotypes

- id: int
- marker_id: int
- dataset_id: int
- germinatebase_id: int
- sample_name: varchar(45)
- allele1: varchar(3)
- allele2: varchar(3)
- y: double
- x: double

datasets

- id: int
- experiment_id: int
- location_id: int
- description: text
- date: date
- source_file: varchar(255)
- contact: varchar(255)
- version: char(10)
- created_by: int
- dataset_state_id: int
- is_external: tinyint
- hyperlink: varchar(255)
- created_on: datetime
- updated_on: timestamp

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