BIGSdb Sequence/profile definitions database (version 1.13)

Client databases

client_dbase_loci_fields
- PK,FK1 / PK / PK,FK3: client_dbase_id, isolate_field, locus
- FK2: allele_query, curator, datestamp

client_dbase_loci
- PK,FK1 / PK,FK2: client_dbase_id, locus
- FK3: locus_alias, curator, datestamp

client_dbase_schemes
- PK,FK1 / PK,FK2: client_dbase_id, scheme_id
- FK3: client_scheme_id, curator, datestamp

client_dbases
- PK: id
- name, description, dbase_name, dbase_config_name, dbase_view, dbase_host, dbase_port, dbase_user, dbase_password, url, curator, datestamp
- FK1

Loci

locus_aliases
- PK,FK1 / PK: locus, alias
- FK2: curator, datestamp

locus_links
- PK,FK1 / PK: locus, url
- FK2: description, link_order, curator, datestamp

locus_descriptions
- PK,FK1: locus
- full_name, product, description, curator, datestamp
- FK2

locus_refs
- PK,FK1 / PK: locus, pubmed_id
- FK2: curator, datestamp

loci
- PK: id
- data_type, allele_id_format, allele_id_regex, formatted_name, common_name, formatted_common_name, length, length_varies, min_length, max_length, coding_sequence, orf, match_longest, complete_cds, curator, date_entered, datestamp
- FK1

locus_curators
- PK,FK1 / PK,FK2: locus, curator_id
- hide_public

locus_stats
- PK,FK2: locus
- allele_count, min_length, max_length, datestamp

locus_extended_attributes
- PK,FK1 / PK: locus, field
- value_format, value_regex, description, length, option_list, required, main_display, field_order, datestamp, curator
- FK2

Allele sequences

sequences
- PK,FK1 / PK: locus, allele_id
- sequence, status, comments, validated, exemplar, lock_exemplar, type_allele, lock_type, inferred_allele_id, date_entered, datestamp, sender, curator
- FK4, FK2, FK3

accession
- PK,FK1 / PK,FK1 / PK / PK: locus, allele_id, databank, databank_id
- FK2: curator, datestamp

allele_flags
- PK,FK1 / PK,FK1 / PK: locus, allele_id, flag
- FK2: curator, datestamp

retired_allele_ids
- PK,FK1 / PK: locus, allele_id
- FK2: curator, datestamp

sequence_extended_attributes
- PK,FK1,FK2 / PK,FK1 / PK,FK2: locus, field, allele_id
- value, datestamp, curator

sequence_references
- PK,FK1 / PK,FK1 / PK: locus, allele_id, pubmed_id
- FK2: curator, datestamp

Users

user_groups
- PK: id
- FK1: description, datestamp, curator

users
- PK: id
- user_name, surname, first_name, email, affiliation, status, submission_emails, curator, date_entered, datestamp

user_group_members
- PK,FK1 / PK,FK2: user_id, user_group
- FK3: curator, datestamp

curator_permission
- PK,FK1 / PK: user_id, permission
- curator, datestamp

Submissions

submissions
- PK: id
- FK1: type, submitter, date_submitted, datestamp, status, curator, outcome, email
- FK2

allele_submissions
- PK,FK1: submission_id
- FK2: locus, technology, read_length, coverage, assembly, software

allele_submission_sequences
- PK,FK1 / PK: submission_id, seq_id
- index, sequence, status, assigned_id, databank, databank_id, pubmed_id

messages
- PK,FK1 / PK: submission_id, timestamp
- FK2: user_id, message

profile_submissions
- PK,FK1: submission_id
- FK2: scheme_id

profile_submission_profiles
- PK,FK1 / PK: submission_id, profile_id
- index, status, assigned_id

profile_submission_designations
- PK,FK1 / PK,FK1 / PK,FK2: submission_id, profile_id, locus
- allele_id

Schemes

scheme_members
- PK,FK1 / PK,FK2: scheme_id, locus
- FK3: field_order, curator, datestamp

scheme_curators
- PK,FK1 / PK,FK2: scheme_id, curator_id

schemes
- PK: id
- description, display_order, allow_missing_loci, curator, date_entered, datestamp
- FK1

scheme_groups
- PK: id
- name, description, display_order, seq_query, curator, datestamp
- FK1

scheme_group_scheme_members
- PK,FK1 / PK,FK2: group_id, scheme_id
- FK3: curator, datestamp

scheme_fields
- PK,FK1 / PK: scheme_id, field
- type, primary_key, value_regex, description, field_order, dropdown, curator, datestamp
- FK2

scheme_group_group_members
- PK,FK1 / PK,FK2: parent_group_id, group_id
- FK3: curator, datestamp

Sets

set_loci
- PK,FK2 / PK,FK1: set_id, locus
- set_name, formatted_set_name, set_common_name, formatted_set_common_name, curator, datestamp
- FK3

sets
- PK: id
- description, long_description, display_order, hidden, curator, datestamp
- FK1

set_schemes
- PK,FK1 / PK,FK2: set_id, scheme_id
- set_name, curator, datestamp
- FK3

Profiles

profile_fields
- PK,FK1,FK2 / PK,FK1 / PK,FK2: scheme_id, scheme_field, profile_id
- value, curator, datestamp
- FK3

retired_profiles
- PK,FK1 / PK: scheme_id, profile_id
- FK2: curator, datestamp

profiles
- PK / PK: scheme_id, profile_id
- FK1 / FK2: sender, curator, date_entered, datestamp

profile_references
- PK,FK1 / PK,FK1 / PK: scheme_id, profile_id, pubmed_id
- FK2: curator, datestamp

profile_members
- PK,FK1,FK4 / PK,FK2 / PK,FK2: locus, scheme_id, profile_id
- FK4 / FK3: allele_id, curator, datestamp

profile_history
- PK / PK,FK1 / PK,FK1: timestamp, scheme_id, profile_id
- FK2: action, curator