BIGSdb Isolate Database (version 1.27)

Loci

pcr

PK	id
	description
	primer1
	primer2
	min_length
	max_length
	max_primer_mismatch
FK1	curator
	datestamp

pcr_locus

PK,FK1	pcr_id
PK,FK2	locus
FK3	curator
	datestamp

loci

PK	id
	data_type
	locus_type
	allele_id_format
	allele_id_regex
	formatted_name
	common_name
	formatted_common_name
	description_url
	length
	length_varies
	coding_sequence
	genome_position
	orf
	reference_sequence
	pcr_filter
	probe_filter
	match_longest
	dbase_name
	dbase_host
	dbase_port
	dbase_user
	dbase_password
	dbase_id
	url
	main_display
	isolate_display
	query_field
	analysis
	view
	submission_template
FK1	curator
	date_entered
	datestamp

probes

PK	id
	description
	sequence
FK1	curator
	datestamp

probe_locus

PK,FK1	probe_id
PK,FK2	locus
	max_distance
	min_alignment
	max_mismatch
	max_gaps
FK3	curator
	datestamp

locus_aliases

PK,FK1	locus
PK	alias
	use_alias
FK2	curator
	datestamp

Isolates

eav_int

PK,FK1	isolate_id
PK,FK2	field
	value

eav_float

PK,FK1	isolate_id
PK,FK2	field
	value

composite_field_values

PK	composite_field_id
PK	field_order
	field
	empty_value
	regex
FK1	curator
	datestamp

composite_fields

PK	id
	position_after
	main_display
FK1	curator
	datestamp

eav_fields

PK	field
	value_format
	category
	description
	length
	option_list
	value_regex
	conditional_formatting
	html_link_text
	html_message
	min_value
	max_value
	field_order
	no_curate
	no_submissions
	datestamp
	curator

isolate_value_extended_attributes

PK,FK1	attribute
PK	field_value
	isolate_field
	value
	datestamp
FK2	curator

isolate_field_extended_attributes

PK	attribute
	isolate_field
	value_format
	value_regex
	description
	url
	length
	field_order
FK1	curator
	datestamp

private_isolates

PK,FK1	isolate_id
FK2	user_id
	request_publish
	datestamp

project_user_groups

PK,FK1	project_id
PK,FK2	user_group
	modify
	curator
	datestamp

eav_text

PK,FK1	isolate_id
PK,FK2	field
	value

eav_boolean

PK,FK2	isolate_id
PK,FK1	field
	value

eav_date

PK,FK1	isolate_id
PK,FK2	field
	value

isolates

PK	id
	isolate
	country
	year
	age
	sex
	disease
	source
	species
	serogroup
	comments
	new_version
FK1	sender
FK2	curator
	date_entered
	datestamp

retired_isolates

PK	isolate_id
FK1	curator
	datestamp

isolate_aliases

PK,FK1	isolate_id
PK	alias
FK2	curator
	datestamp

refs

PK,FK1	isolate_id
PK	pubmed_id
FK2	curator
	datestamp

history

PK,FK1	isolate_id
PK	timestamp
FK2	action
	curator

validation_conditions

PK	id
	field
	operator
	value
	datestamp
FK1	curator

validation_rule_conditions

PK,FK1	rule_id
PK,FK2	condition_id
FK3	datestamp
	curator

validation_rules

PK	id
	message
	datestamp
FK1	curator

bookmarks

PK	id
	name
	dbase_config
	set_id
	page
	params
	user_id
	date_entered
	last_accessed
	public

Sequences and designations

remote_contigs

PK,FK1	seqbin_id
	uri
	length
	checksum

oauth_credentials

PK	base_uri
	consumer_key
	consumer_secret
	access_token
	access_secret
	session_token
	session_secret
FK1	curator
	date_entered
	datestamp

experiments

PK	id
FK1	description
	curator
	datestamp

sequence_bin

PK	id
FK1	isolate_id
	remote_contig
	sequence
	method
	run_id
	assembly_id
	original_designation
	comments
FK2	sender
FK3	curator
	date_entered
	datestamp

experiment_sequences

PK,FK1	experiment_id
PK,FK2	seqbin_id
FK3	curator
	datestamp

accession

PK,FK1	seqbin_id
PK	databank
PK	databank_id
FK2	curator
	datestamp

sequence_attribute_values

PK,FK1	seqbin_id
PK,FK2	key
	value
	curator
	datestamp

sequence_flags

PK,FK2	id
PK,FK1	flag
	datestamp
	curator

sequence_attributes

PK	key
	type
	description
FK1	curator
	datestamp

allele_sequences

PK	id
FK5	isolate_id
FK1	seqbin_id
FK2	locus
	start_pos
	end_pos
FK4	isolate_id
	reverse
	complete
	curator
	datestamp

seqbin_stats

PK,FK1	isolate_id
	contigs
	total_length

allele_designations

PK	id
FK4	isolate_id
FK1	locus
	allele_id
FK2	sender
	status
	method
FK3	curator
	date_entered
	datestamp
	comments

Classification groups

classification_group_fields

PK,FK2	cg_scheme_id
PK	field
	type
	description
	field_order
FK1	curator
	datestamp

classification_schemes

PK	id
FK2	scheme_id
	name
	description
	inclusion_threshold
	use_relative_threshold
	seqdef_cscheme_id
	display_order
	status
FK1	curator
	datestamp

Schemes

scheme_groups

PK,FK2	id
	name
	description
	display_order
FK1	curator
	datestamp

scheme_warehouse_indices

PK,FK1	scheme_id
PK,FK2	locus
	profile_name
	field_order
	index

scheme_members

PK,FK1	scheme_id
PK,FK2	locus
FK3	field_order
	curator
	datestamp

scheme_flags

PK,FK1	scheme_id
PK	flag
FK2	curator
	datestamp

set_loci

PK,FK1	set_id
PK,FK2	locus
	set_name
	formatted_set_name
	set_common_name
	formatted_set_common_name
FK3	curator
	datestamp

scheme_group_group_members

PK,FK2	parent_group_id
PK,FK1	group_id
FK3	curator
	datestamp

schemes

PK	id
	name
	description
	dbase_name
	dbase_host
	dbase_port
	dbase_user
	dbase_password
	dbase_id
	main_display
	isolate_display
	query_field
	query_status
	analysis
	view
	display_order
	allow_missing_loci
FK1	curator
	date_entered
	datestamp

scheme_fields

PK,FK1	scheme_id
PK	field
	type
	primary_key
	description
	url
	field_order
	main_display
	isolate_display
	query_field
	dropdown
FK2	curator
	datestamp

scheme_links

PK,FK1	scheme_id
PK	url
	description
	link_order
FK2	curator
	datestamp

scheme_refs

PK,FK1	scheme_id
PK	pubmed_id
FK2	curator
	datestamp

scheme_group_scheme_members

PK,FK2	group_id
PK,FK1	scheme_id
FK3	curator
	datestamp

Sets

set_metadata

PK,FK1	set_id
PK	metadata_id
FK2	curator
	datestamp

sets

PK	id
	description
	long_description
	display_order
	hidden
FK1	curator
	datestamp

set_schemes

PK,FK2	set_id
PK,FK3	scheme_id
	set_name
FK1	curator
	datestamp

set_view

PK,FK1	set_id
	view
FK2	curator
	datestamp

Users

user_dbases

PK	id
	name
	dbase_name
	dbase_host
	dbase_port
	dbase_user
	dbase_password
	list_order
	auto_registration
FK1	curator
	datestamp

users

PK	id
	user_name
	surname
	first_name
	email
	affiliation
	status
	submission_emails
	account_request_emails
	user_db
	curator
	date_entered
	datestamp

user_limits

PK,FK3	user_id
PK	attribute
	value
FK2	curator
	datestamp

user_groups

PK	id
	description
	co_curate
	co_curate_private
	datestamp
	curator

user_group_members

PK,FK1	user_id
PK,FK2	user_group
FK3	curator
	datestamp

permissions

PK,FK1	user_id
PK	permission
FK2	curator
	datestamp

Submissions

projects

PK	id
	short_description
	full_description
	isolate_display
	list
	private
	no_quota
	restrict_user
	restrict_usergroup
	curate_config
FK1	curator
	datestamp

project_users

PK,FK1	project_id
PK,FK2	user_id
	admin
	modify
	curator
	datestamp

project_members

PK,FK1	project_id
PK,FK2	isolate_id
FK3	curator
	datestamp

submissions

PK	id
FK1	type
	submitter
	date_submitted
	datestamp
	status
FK2	curator
	outcome
	email

isolate_submission_field_order

PK,FK1	submission_id
PK	field
	index

messages

PK,FK1	submission_id
PK	timestamp
FK2	user_id
	message

isolate_submission_isolates

PK,FK1	submission_id
PK	index
PK	field
	value

log

PK	id
	timestamp
	user_id
	user_name
	table
	record
	action

Curator field foreign key relationships to users table are not shown to aid clarity.