

Common information

protocol_types
id TINYINT(3)
pid TINYINT(3)
alias CHAR(5)
name CHAR(50)
description CHAR(200)
Indexes

param_types
id TINYINT(3)
param CHAR(10)
param_desc CHAR(25)
category CHAR(10)
Indexes

Electrophysiology Database

experiments
id SMALLINT(5)
name VARCHAR(25)
subject_id SMALLINT(5)
start_date DATE
end_date DATE
researcher VARCHAR(25)
in_use TINYINT(1)
Indexes

tanks
id SMALLINT(5)
exp_id SMALLINT(5)
tank_condition VARCHAR(30)
name VARCHAR(50)
in_use TINYINT(1)
tank_date DATE
tank_time TIME
spike_fs FLOAT(12,6)
wave_fs FLOAT(12,6)
tank_notes MEDIUMTEXT
Indexes

blocks
id SMALLINT(5)
tank_id SMALLINT(5)
block TINYINT(3)
protocol TINYINT(3)
in_use TINYINT(1)
block_date DATE
2 more...
Indexes

protocols
id BIGINT(20)
block_id SMALLINT(5)
param_id MEDIUMINT(8)
param_type TINYINT(3)
param_value FLOAT
Indexes

subjects
id TINYINT(3)
name CHAR(25)
species CHAR(15)
strain CHAR(25)
dob DATE
weight FLOAT
sex CHAR(1)
subject_notes MEDIUMTEXT
Indexes

electrodes
id SMALLINT(5)
tank_id SMALLINT(5)
type SMALLINT(5)
depth FLOAT
target VARCHAR(10)
Indexes

channels
id INT(10)
block_id SMALLINT(5)
channel INT(3)
in_use TINYINT(1)
target CHAR(4)
Indexes

wave_data
param_id MEDIUMINT(8)
waveform BLOB
channels_id INT(10)
Indexes

pool_class
id TINYINT(3)
class CHAR(3)
Indexes

units
id INT(10)
channel_id INT(10)
pool TINYINT(3)
note CHAR(150)
unit_count INT(10)
pool_waveform TEXT
pool_stddev TEXT
in_use TINYINT(1)
isbad TINYINT(1)
Indexes

spike_data
id INT(10)
unit_id INT(10)
spike_time FLOAT(11,6)
Indexes