microbe.db

CREATE TABLE Microbe (

microbe\_id INTEGER PRIMARY KEY AUTOINCREMENT,

kingdom TEXT NOT NULL,

phylum TEXT NOT NULL,

class TEXT NOT NULL,

order TEXT NOT NULL,

family TEXT NOT NULL,

genus TEXT NOT NULL,

species TEXT NOT NULL

optimal\_pH TEXT,

optimal\_temperature TEXT,

pathogenicity INTEGER,

antimicrobial\_susceptibility INTEGER,

spore\_forming INTEGER,

biofilm\_forming INTEGER,

extreme\_environment INTEGER,

plant\_pathogen INTEGER,

animal\_pathogen INTEGER

);

CREATE TABLE Antimicrobial (

antimicrobial\_id INTEGER PRIMARY KEY AUTOINCREMENT,

name TEXT NOT NULL

);

CREATE TABLE MicrobiomeLocation (

microbiome\_location\_id INTEGER PRIMARY KEY AUTOINCREMENT,

name TEXT NOT NULL

);

CREATE TABLE ExtremeEnvironment (

sample\_id INTEGER PRIMARY KEY,

name TEXT NOT NULL

);

CREATE TABLE Citation (

citation\_id INTEGER PRIMARY KEY,

microbe\_id INTEGER NOT NULL,

microbe\_key TEXT NOT NULL,

key\_indices TEXT NOT NULL DEFAULT '0',

citation TEXT NOT NULL,

access\_date\_timestamp INTEGER NOT NULL,

FOREIGN KEY(microbe\_id) REFERENCES Microbe(microbe\_id)

);

Snippet used to clear and reset added samples.

DELETE FROM Microbe; DELETE FROM Antimicrobial; DELETE FROM MicrobiomeLocation; DELETE FROM ExtremeEnvironment; DELETE FROM Citations; DELETE FROM sqlite\_sequence WHERE name='Microbe' OR name='Antimicrobial' OR name='MicrobiomeLocation' OR name='ExtremeEnvironment' OR name='Citations';