CREATE TABLE public."Kinase\_table"

(

"KINASE\_NAME" character varying(255) COLLATE pg\_catalog."default" NOT NULL,

"ACCESSION\_ID" character varying(255) COLLATE pg\_catalog."default" NOT NULL,

"CAP\_KINASE\_NAME" character varying(255) COLLATE pg\_catalog."default",

"UNIPROT\_ID" character varying(255) COLLATE pg\_catalog."default",

"GROUP" character varying(255) COLLATE pg\_catalog."default",

"FAMILY" character varying(225) COLLATE pg\_catalog."default",

"SUBFAMILY" character varying(255) COLLATE pg\_catalog."default",

"PROTEIN\_SEQUENCE" character varying(100000) COLLATE pg\_catalog."default",

"KINASE\_DOMAIN" character varying(100000) COLLATE pg\_catalog."default",

"ENTREZ\_ID" character varying(255) COLLATE pg\_catalog."default",

"CHROMOSOME" character varying(255) COLLATE pg\_catalog."default",

"CHROMOSOME\_LOC" character varying(1000) COLLATE pg\_catalog."default",

"SUBCELLULAR\_LOC" character varying(10000) COLLATE pg\_catalog."default",

"SYNONYMS" character varying(10000) COLLATE pg\_catalog."default",

CONSTRAINT "AccessionID" PRIMARY KEY ("ACCESSION\_ID")

)

CREATE TABLE public."Inhibitor\_table"

(

"INHIBITOR\_NAME" character varying(255) COLLATE pg\_catalog."default" NOT NULL,

"CHEMICAL\_STRUCTURE" character varying(255) COLLATE pg\_catalog."default",

"MOLECULAR\_WEIGHT" character varying(255) COLLATE pg\_catalog."default",

"CNUMBER" character varying(255) COLLATE pg\_catalog."default" NOT NULL,

"ACTION" character varying(255) COLLATE pg\_catalog."default",

"INCHL\_KEY" character varying(255) COLLATE pg\_catalog."default",

"PUBCHEM\_CID" character varying(20) COLLATE pg\_catalog."default",

"SMILES" character varying(255) COLLATE pg\_catalog."default",

inh\_lower character varying(255) COLLATE pg\_catalog."default",

CONSTRAINT "CNumber" PRIMARY KEY ("CNUMBER")

)

CREATE TABLE public."KiInh\_relation\_table"

(

"KINASE\_NAME" character varying(255) COLLATE pg\_catalog."default",

kin\_lower character varying(255) COLLATE pg\_catalog."default",

"ACCESSION\_ID" character varying(255) COLLATE pg\_catalog."default",

"INHIBITOR\_NAME" character varying(255) COLLATE pg\_catalog."default",

"CNUMBER" character(255) COLLATE pg\_catalog."default" NOT NULL,

"SERIES\_NUM" character(255) COLLATE pg\_catalog."default" NOT NULL,

"SYNONYMS" character varying(10000) COLLATE pg\_catalog."default",

CONSTRAINT "KiInh\_relation\_table\_pkey" PRIMARY KEY ("SERIES\_NUM"),

CONSTRAINT "ACCESSION\_ID" FOREIGN KEY ("ACCESSION\_ID")

REFERENCES public."Kinase\_table" ("ACCESSION\_ID") MATCH SIMPLE

ON UPDATE NO ACTION

ON DELETE NO ACTION,

CONSTRAINT "CNUMBER" FOREIGN KEY ("CNUMBER")

REFERENCES public."Inhibitor\_table" ("CNUMBER") MATCH SIMPLE

ON UPDATE NO ACTION

ON DELETE NO ACTION

)

CREATE TABLE public."Phosphosite\_table"

(

"SERIES\_NUM" character varying(255) COLLATE pg\_catalog."default" NOT NULL,

"ENSEMBL\_ID" character varying(255) COLLATE pg\_catalog."default",

"GENE\_NAME" character varying(255) COLLATE pg\_catalog."default",

"GENE\_START(BP)" character varying(255) COLLATE pg\_catalog."default",

"GENE\_END(BP)" character varying(255) COLLATE pg\_catalog."default",

"CHROMOSOMAL\_LOC" character varying(255) COLLATE pg\_catalog."default",

"PHOSPHORYLATION\_LOC" character varying(255) COLLATE pg\_catalog."default",

"KINASE\_NAME" character varying(255) COLLATE pg\_catalog."default",

kin\_lower character varying(255) COLLATE pg\_catalog."default",

"SYNONYMS" character varying(10000) COLLATE pg\_catalog."default",

CONSTRAINT "SERIES\_NUM" PRIMARY KEY ("SERIES\_NUM")

)