Kinase Information ER Diagram

Team Zoonii | January 22, 2020

Kinase_General_Information

Uniprot_ACCID	Varchar(10), PK, NonNull
Kinase Name	VARCHAR(150), NonNull
Kinase Symbol	VARCHAR(50), NonNull
Group	VARCHAR(50)
Family	VARCHAR(50)
Sub_Family	VARCHAR(50)
Synonym	VARCHAR(100)
Function	VARCHAR(1000)
Genomic Location	VARCHAR(250), NonNull
Subcellular location	VARCHAR(150)
PDB Image link	VARCHAR(250)

InhibtorsREF_information

Chembl _ID	Varchar(50), PK, NonNull
Kinase Name	Varchar(150), NonNull

Phosphosite_Information

Uniprot_ACCID	Varchar(50), PK, FK, NonNull
Gene	Varchar(250), NonNull
Protein	Varchar(250), NonNull
HU_CHR_LOC	Varchar(50), NonNull
MOD_RSD	Varchar(20), NonNull
MW_kD	Varchar(50)
Domain	Varchar(50)
AA_Seq_+-7	Varchar(7)

Inhibtors_information

Chembl_ID	Varchar(50), PK, NonNull
Inhibitor	Varchar(50), NonNull
Smiles	Varchar(300)
InChi_Key	Varchar(50)
RoF	Varchar(50)
MW	Varchar(50)
LogP	Varchar(50)
TPSA	Varchar(50)
HBA	Varchar(50)
HBD	Varchar(50)
NRB	Varchar(50)
Kinase families	Varchar(50)
Image_Link	Varchar(50)

Substrate_information

KIN_ACC_ID	Varchar(50), NonNull, PK
Kin_Gene	VARCHAR(150), NonNull
Kinase	VARCHAR(150), NonNull
Substrate	VARCHAR(150), NonNull
Sub_ACC_ID	VARCHAR(150), NonNull
Sub_Gene	VARCHAR(150),
Sub_ModResidue	VARCHAR(150),
Site +- 7_AA	VARCHAR(7)
Domain	VARCHAR(150)