Kinase Information ER Diagram

Team Zoonii | January 22, 2020

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)	

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)	

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

Inhibtors PEE information

	Substrate_information		
	KIN_ACC_ID	Varchar(50), NonNull, PK	
\leq	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)	