

Database model documentation

Table of contents

1. Model details	3
2. Tables	4
1.1. Table FUNCTION	4
1.2. Table PROTEIN	4
1.3. Table R_PROTEIN_FUNCTION	4
1.4. Table R_PROTEIN_MODELVPF	4
1.5. Table R_PROTEIN_PROTEIN	5
1.6. Table SPECIE	5
1.7. Table VPFMODEL	5
3. References	6
2.1. Reference FK_PROTEIN_SPECIE	6
2.2. Reference FK_R_PROTEIN_FUNCTION_FUNCTION	6
2.3. Reference FK_R_PROTEIN_FUNCTION_PROTEIN	6
2.4. Reference FK_R_PROTEIN_MODELVPF_PROTEIN	6
2.5. Reference FK_R_PROTEIN_PROTEIN_PROTEINH	6
2.6. Reference FK_R_PROTEIN_PROTEIN_PROTEINV	6
2.7. Reference R_PROTEIN_MODELVPF_VPFMODEL	6

1. Model details

Model name:

bbdd

Version:

2.3

Database engine:

PostgreSQL

Description:

2. Tables

2.1. Table FUNCTION

2.1.1. Columns

Column name	Type	Properties	Description
idFunction	serial	PK	
codeG0	varchar(15)		
description	varchar(200)		
aspect	varchar(30)		

2.2. Table PROTEIN

2.2.1. Columns

Column name	Type	Properties	Description
idProtein	serial	PK	
code	varchar(15)		
name	varchar(50)		
gene	varchar(15)		
location	varchar(100)		
idSpecie	serial		

2.3. Table R_PROTEIN_FUNCTION

2.3.1. Columns

Column name	Type	Properties	Description
idProtein	integer	PK	
idFunction	integer	PK	

2.4. Table R_PROTEIN_MODELVPF

2.4.1. Columns

Column name	Type	Properties	Description
idProtein	serial	PK	
idModel	serial	PK	
score	integer		

2.5. Table R_PROTEIN_PROTEIN

2.5.1. Columns

Column name	Type	Properties	Description
idProteinV	serial	PK	
idProteinH	serial	PK	

2.6. Table SPECIE

2.6.1. Columns

Column name	Type	Properties	Description
idSpecie	serial	PK	
name	varchar(50)		
taxonomy	varchar(20)		
isVirus	varchar(3)	null	

2.7. Table VPFFMODEL

2.7.1. Columns

Column name	Type	Properties	Description
idModel	serial	PK	
codeModel	varchar(100)		

3. References

3.1. Reference FK_PROTEIN_SPECIE

SPECIE	0..*	PROTEIN
idSpecie	<->	idSpecie

3.2. Reference FK_R_PROTEIN_FUNCTION_FUNCTION

FUNCTION	0..*	R_PROTEIN_FUNCTION
idFunction	<->	idFunction

3.3. Reference FK_R_PROTEIN_FUNCTION_PROTEIN

PROTEIN	0..*	R_PROTEIN_FUNCTION
idProtein	<->	idProtein

3.4. Reference FK_R_PROTEIN_MODELVPF_PROTEIN

PROTEIN	0..*	R_PROTEIN_MODELVPF
idProtein	<->	idProtein

3.5. Reference FK_R_PROTEIN_PROTEIN_PROTEINH

PROTEIN	0..*	R_PROTEIN_PROTEIN
idProtein	<->	idProteinH

3.6. Reference FK_R_PROTEIN_PROTEIN_PROTEINV

PROTEIN	0..*	R_PROTEIN_PROTEIN
idProtein	<->	idProteinV

3.7. Reference R_PROTEIN_MODELVPF_VPFMODEL

VPFMODEL	0..*	R_PROTEIN_MODELVPF
idModel	<->	idModel