

ABARoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	No			
destination	varchar(15)	No			
hash	varchar(30)	No			
PCC	double	No			

ABAShoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	Yes	NULL		
destination	varchar(15)	Yes	NULL		
hash	varchar(30)	Yes	NULL		
PCC	double	Yes	NULL		

ColdRoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	No			
destination	varchar(15)	No			
hash	varchar(30)	No			
PCC	double	No			

ColdShoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	Yes	NULL		
destination	varchar(15)	Yes	NULL		
hash	varchar(30)	Yes	NULL		
PCC	double	Yes	NULL		

DroughtRoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	No			
destination	varchar(15)	No			
hash	varchar(30)	No			
PCC	double	Yes	NULL		

DroughtRootCorEdges

Column	Type	Null	Default	Comments	MIME
edge_id	int(15)	No			

node1	varchar(20)	No			
node2	varchar(20)	No			
correlation_value	double	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	edge_id	0	A	No	

DroughtShoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	Yes	NULL		
destination	varchar(15)	Yes	NULL		
hash	varchar(30)	Yes	NULL		
PCC	double	Yes	NULL		

FloodRoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	No			
destination	varchar(15)	No			
hash	varchar(30)	No			
PCC	double	No			

FloodShoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	Yes	NULL		
destination	varchar(15)	Yes	NULL		
hash	varchar(30)	Yes	NULL		
PCC	double	Yes	NULL		

Genes

Column	Type	Null	Default	Comments	MIME
os_id	varchar(20)	No			
chromosome_no	int(10)	No	1		
strand	char(2)	No	+		
start_position	int(11)	No	0		
end_position	int(11)	No	0		
description	text	Yes	NULL		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	os_id	0	A	No	

JARoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	No			
destination	varchar(15)	No			
hash	varchar(30)	No			
PCC	double	No			

JAShoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	Yes	NULL		
destination	varchar(15)	Yes	NULL		
hash	varchar(30)	Yes	NULL		
PCC	double	Yes	NULL		

KeggPathway

Column	Type	Null	Default	Comments	MIME
os_id	varchar(20)	Yes	NULL		
kegg_pathway	text	Yes	NULL		

ModuleConnections

Column	Type	Null	Default	Comments	MIME
id	int(10)	No			
module_id	int(10)	Yes	NULL		
source	varchar(30)	No			
target	varchar(30)	No			
correlation_coefficient	double	Yes	NULL		
HRR	int(5)	Yes	NULL		
tissue_id	int(3)	Yes	NULL		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	0	A	No	

Modules

Column	Type	Null	Default	Comments	MIME
module_id	int(11)	No			

module_name	varchar(256)	No			
-------------	--------------	----	--	--	--

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	module_id	0	A	No	

OsmoticRoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	No			
destination	varchar(15)	No			
hash	varchar(30)	No			
PCC	double	No			

OsmoticShoot

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	Yes	NULL		
destination	varchar(15)	Yes	NULL		
hash	varchar(30)	Yes	NULL		
PCC	double	Yes	NULL		

Pathways

Column	Type	Null	Default	Comments	MIME
os_id	varchar(15)	Yes	NULL		
pathway	varchar(256)	Yes	NULL		

RootClusterDegree

Column	Type	Null	Default	Comments	MIME
os_id	varchar(20)	Yes	NULL		
degree	float	Yes	NULL		
tissue_id	int(2)	Yes	NULL		
module_id	int(3)	Yes	NULL		

RootGeneAnnotations

Column	Type	Null	Default	Comments	MIME
os_id	varchar(20)	Yes	NULL		
Description	text	Yes	NULL		
GO	text	Yes	NULL		
tissue_id	int(3)	Yes	NULL		

RootModuleGo

Column	Type	Null	Default	Comments	MIME
module_id	int(2)	Yes	NULL		
biological_process	text	Yes	NULL		
reflist_44321	int(8)	Yes	NULL		
input_511	int(10)	Yes	NULL		
input_expected	float	Yes	NULL		
input_over_under	char(1)	Yes	NULL		
input_fold_enrichment	float	Yes	NULL		
input_raw_p_value	float	Yes	NULL		
tissue_id	int(3)	Yes	NULL		

RootRanks

Column	Type	Null	Default	Comments	MIME
os_id	varchar(15)	Yes	NULL		
k_total	float	Yes	NULL		
rank	int(10)	Yes	NULL		

ShootRanks

Column	Type	Null	Default	Comments	MIME
os_id	varchar(15)	Yes	NULL		
k_total	float	Yes	NULL		
rank	int(10)	Yes	NULL		

Stress

Column	Type	Null	Default	Comments	MIME
stress_id	int(11)	No			
stress_name	varchar(256)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	stress_id	0	A	No	

StressAttributes

Column	Type	Null	Default	Links to	Comments	MIME
stress_attribute_id	int(11)	No				
os_id	varchar(13)	No		Genes -> os_id		
stress_id	int(11)	No		Stress -> stress_id		
fold_change	double	No				

module_id	int(11)	No	1	Modules -> module_id		
tissue_id	int(11)	No		Tissues -> tissue_id		
time_point	int(11)	No				
p_value	double	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	stress_attribute_id	0	A	No	

StressAttributesABARoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesABAShoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesColdRoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			

p_value	double	No			
---------	--------	----	--	--	--

StressAttributesColdShoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesDroughtRoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesDroughtRootFive

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesDroughtRootFour

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			

fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesDroughtRootOne

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesDroughtRootThree

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesDroughtRootTwo

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesDroughtShoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesFloodRoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesFloodShoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesJARoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			

time_point	int(11)	No			
p_value	double	No			

StressAttributesJAShoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesOsmoticRoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressAttributesOsmoticShoot

Column	Type	Null	Default	Comments	MIME
stress_attribute_id	int(11)	No	0		
os_id	varchar(13)	No			
stress_id	int(11)	No			
fold_change	double	No			
module_id	int(11)	No	1		
tissue_id	int(11)	No			
time_point	int(11)	No			
p_value	double	No			

StressSpecificPCC

Column	Type	Null	Default	Comments	MIME
source	varchar(15)	No			
destination	varchar(15)	No			

PCC	double	Yes	<i>NULL</i>		
stress_id	int(10)	Yes	<i>NULL</i>		
tissue_id	int(10)	Yes	<i>NULL</i>		

TimePoints

Column	Type	Null	Default	Comments	MIME
time_point_id	int(11)	No			
time_point	int(11)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	time_point_id	0	A	No	

Tissues

Column	Type	Null	Default	Comments	MIME
tissue_id	int(11)	No			
tissue_name	varchar(256)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	tissue_id	0	A	No	