PeB Class Diagram

One Parental Relation per Child

ParentalRelationship

parentalID
parentalRelationID
parentalChild
parentalTwin

Tree

treeID
treeFamilyID
treeGeneID
treeMutationID

Entity

entityID
entityGender
entityAffected
entityLifeStatus
entityAlleles
entityInformation

One File has multiple Trees

Multiple Children per Parental Relation

File

fileID
treeIDs

PartnerRelationship

relationshipID
relationshipPartner1
relationshipPartner2
relationshipConsanguinity

Multiple Partners per Entity