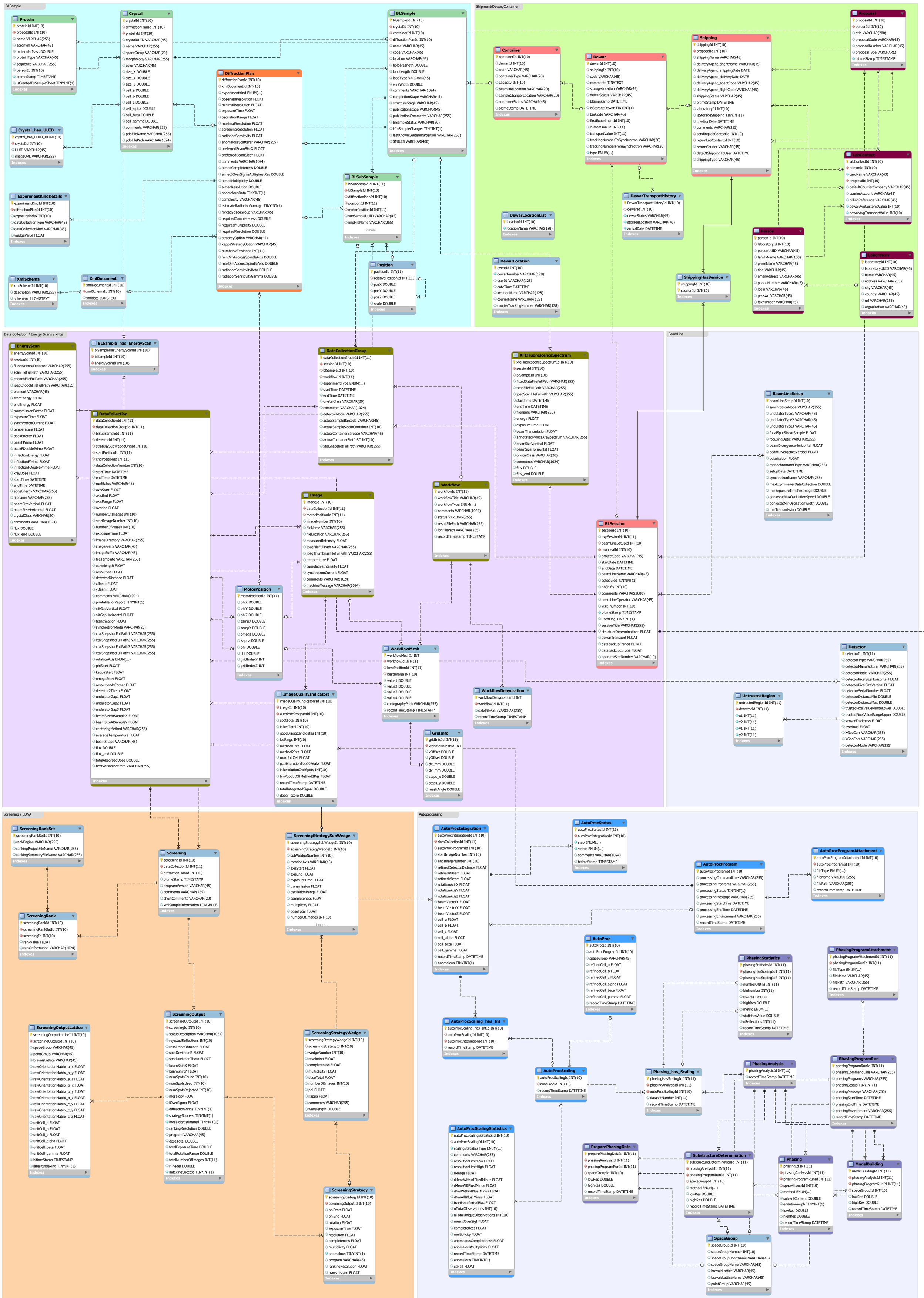
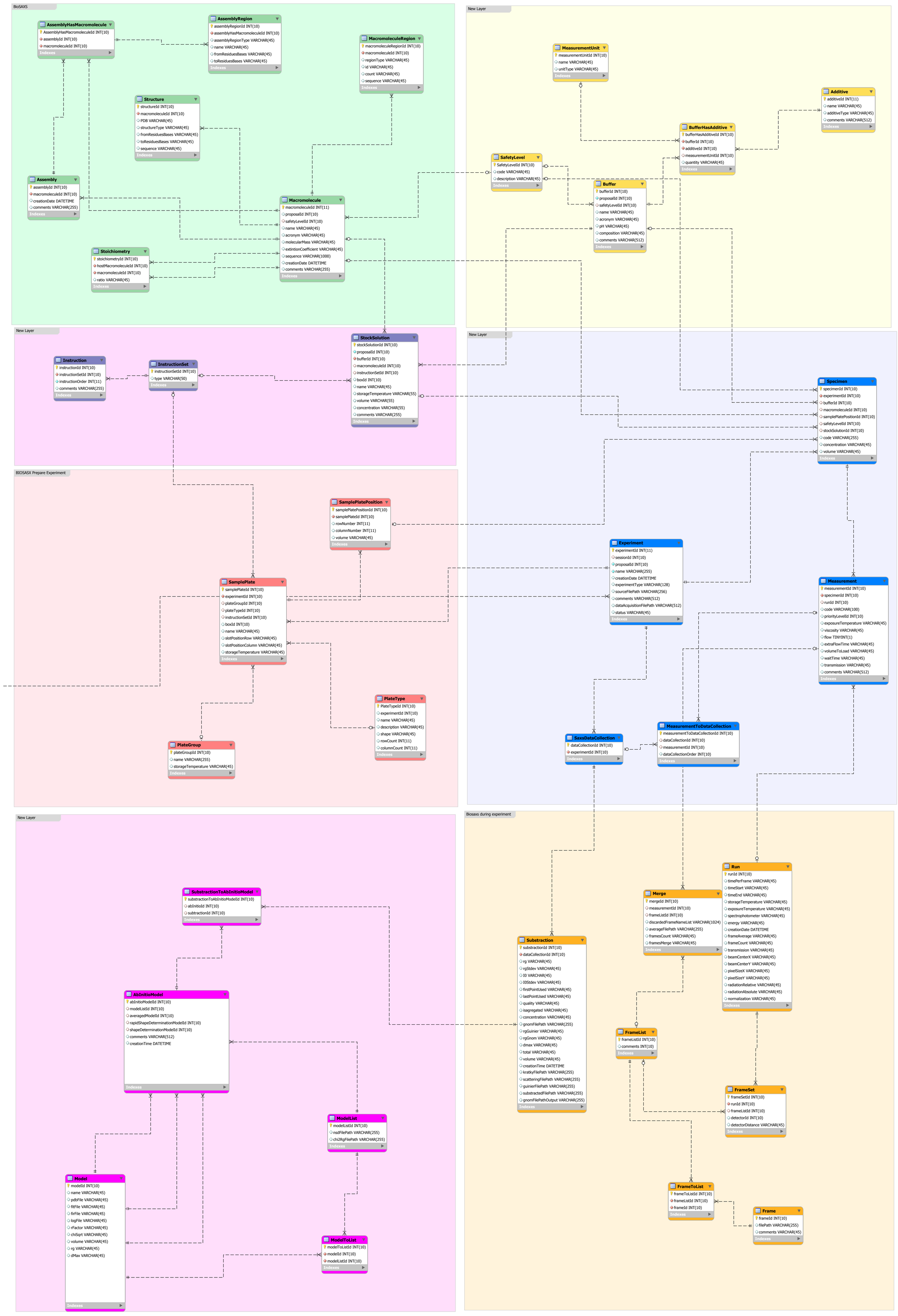

BLSample
Protein
proteinId INT(10)
proposalId INT(10)
name VARCHAR(255)
acronym VARCHAR(45)
molecularMass DOUBLE
proteinType VARCHAR(45)
sequence VARCHAR(255)
personId INT(10)
bltimeStamp TIMESTAMP
isCreatedBySampleSheet TINYINT(1)
Indexes
Crystal
crystalId INT(10)
diffractionPlanId INT(10)
proteinId INT(10)
crystalUUID VARCHAR(45)
name VARCHAR(255)
spaceGroup VARCHAR(20)
morphology VARCHAR(255)
color VARCHAR(45)
size_X DOUBLE
size_Y DOUBLE
size_Z DOUBLE
cell_a DOUBLE
cell_b DOUBLE
cell_c DOUBLE
cell_alpha DOUBLE
cell_beta DOUBLE
cell_gamma DOUBLE
comments VARCHAR(255)
pdbFileName VARCHAR(255)
pdbFilePath VARCHAR(1024)
Indexes
BLSample
blSampleId INT(10)
crystalId INT(10)
containerId INT(10)
diffractionPlanId INT(10)
name VARCHAR(45)
code VARCHAR(45)
location VARCHAR(45)
holderLength DOUBLE
loopLength DOUBLE
loopType VARCHAR(45)
wireWidth DOUBLE
comments VARCHAR(1024)
completionStage VARCHAR(45)
structureStage VARCHAR(45)
publicationStage VARCHAR(45)
publicationComments VARCHAR(255)
blSampleStatus VARCHAR(20)
isInSampleChanger TINYINT(1)
lastKnownCenteringPosition VARCHAR(255)
SMILES VARCHAR(400)
Indexes
Shipment/Dewar/Container
Proposal
proposalId INT(10)
personId INT(10)
title VARCHAR(200)
proposalCode VARCHAR(45)
proposalNumber VARCHAR(45)
proposalType VARCHAR(2)
bltimeStamp TIMESTAMP
Indexes
Container
containerId INT(10)
dewarId INT(10)
code VARCHAR(45)
containerType VARCHAR(20)
capacity INT(10)
beamlineLocation VARCHAR(20)
sampleChangerLocation VARCHAR(20)
containerStatus VARCHAR(45)
bltimeStamp DATETIME
Indexes
Dewar
dewarId INT(10)
shippingId INT(10)
code VARCHAR(45)
comments TINYTEXT
storageLocation VARCHAR(45)
dewarStatus VARCHAR(45)
bltimeStamp DATETIME
isStorageDewar TINYINT(1)
barCode VARCHAR(45)
firstExperimentId INT(10)
customsValue INT(11)
transportValue INT(11)
trackingNumberToSynchrotron VARCHAR(30)
trackingNumberFromSynchrotron VARCHAR(30)
type ENUM(...)
Indexes
Shipping
shippingId INT(10)
proposalId INT(10)
shippingName VARCHAR(45)
deliveryAgent_agentName VARCHAR(45)
deliveryAgent_shippingDate DATE
deliveryAgent_deliveryDate DATE
deliveryAgent_agentCode VARCHAR(45)
deliveryAgent_flightCode VARCHAR(45)
shippingStatus VARCHAR(45)
bltimeStamp DATETIME
laboratoryId INT(10)
isStorageShipping TINYINT(1)
creationDate DATETIME
comments VARCHAR(255)
sendingLabContactId INT(10)
returnLabContactId INT(10)
returnCourier VARCHAR(45)
dateOfShippingToUser DATETIME
shippingType VARCHAR(45)
Indexes
LabContact
labContactId INT(10)
personId INT(10)
cardName VARCHAR(40)
proposalId INT(10)
defaultCourrierCompany VARCHAR(45)
courierAccount VARCHAR(45)
billingReference VARCHAR(45)
dewarAvgCustomsValue INT(10)
dewarAvgTransportValue INT(10)
Indexes
Crystal_has_UUID
crystal_has_UUID_Id INT(10)
crystalId INT(10)
UUID VARCHAR(45)
imageURL VARCHAR(255)
Indexes
DiffractionPlan
diffractionPlanId INT(10)
xmlDocumentId INT(10)
experimentKind ENUM(...)
observedResolution FLOAT
minimalResolution FLOAT
exposureTime FLOAT
oscillationRange FLOAT
maximalResolution FLOAT
screeningResolution FLOAT
radiationSensitivity FLOAT
anomalousScatterer VARCHAR(255)
preferredBeamSizeX FLOAT
preferredBeamSizeY FLOAT
comments VARCHAR(1024)
aimedCompleteness DOUBLE
aimedIOverSigmaAtHighestRes DOUBLE
aimedMultiplicity DOUBLE
aimedResolution DOUBLE
anomalousData TINYINT(1)
complexity VARCHAR(45)
estimateRadiationDamage TINYINT(1)
forcedSpaceGroup VARCHAR(45)
requiredCompleteness DOUBLE
requiredMultiplicity DOUBLE
requiredResolution DOUBLE
strategyOption VARCHAR(45)
kappaStrategyOption VARCHAR(45)
numberOfPositions INT(11)
minDimAccrossSpindleAxis DOUBLE
maxDimAccrossSpindleAxis DOUBLE
radiationSensitivityBeta DOUBLE
radiationSensitivityGamma DOUBLE
Indexes
BLSubSample
blSubSampleId INT(11)
blSampleId INT(10)
diffractionPlanId INT(10)
positionId INT(11)
motorPositionId INT(11)
subSampleUUID VARCHAR(45)
imgFileName VARCHAR(255)
2 more...
Indexes
ExperimentKindDetails
experimentKindId INT(10)
diffractionPlanId INT(10)
exposureIndex INT(10)
dataCollectionType VARCHAR(45)
dataCollectionKind VARCHAR(45)
wedgeValue FLOAT
Indexes
DewarTransportHistory
DewarTransportHistoryId INT(10)
dewarId INT(10)
dewarStatus VARCHAR(45)
storageLocation VARCHAR(45)
arrivalDate DATETIME
Indexes
DewarLocationList
locationId INT(10)
locationName VARCHAR(128)
Indexes
Person
personId INT(10)
laboratoryId INT(10)
personUUID VARCHAR(45)
familyName VARCHAR(100)
givenName VARCHAR(45)
title VARCHAR(45)
emailAddress VARCHAR(45)
phoneNumber VARCHAR(45)
login VARCHAR(45)
passwd VARCHAR(45)
faxNumber VARCHAR(45)
Indexes
Laboratory
laboratoryId INT(10)
laboratoryUUID VARCHAR(45)
name VARCHAR(45)
address VARCHAR(255)
city VARCHAR(45)
country VARCHAR(45)
url VARCHAR(255)
organization VARCHAR(45)
Indexes
XmlSchema
xmlSchemaId INT(10)
description VARCHAR(255)
schemaxml LONGTEXT
Indexes
XmlDocument
xmlDocumentId INT(10)
xmlSchemaId INT(10)
xmlData LONGTEXT
Indexes
Position
positionId INT(11)
relativePositionId INT(11)
posX DOUBLE
posY DOUBLE
posZ DOUBLE
scale DOUBLE
Indexes
DewarLocation
eventId INT(10)
dewarNumber VARCHAR(128)
userId VARCHAR(128)
dateTime DATETIME
locationName VARCHAR(128)
courierName VARCHAR(128)
courierTrackingNumber VARCHAR(128)
Indexes
ShippingHasSession
shippingId INT(10)
sessionId INT(10)
Indexes
Data Collection / Energy Scans / XFEs
EnergyScan
energyScanId INT(10)
sessionId INT(10)
fluorescenceDetector VARCHAR(255)
scanFileFullPath VARCHAR(255)
choochFileFullPath VARCHAR(255)
jpegChoochFileFullPath VARCHAR(255)
element VARCHAR(45)
startEnergy FLOAT
endEnergy FLOAT
transmissionFactor FLOAT
exposureTime FLOAT
synchrotronCurrent FLOAT
temperature FLOAT
peakEnergy FLOAT
peakFPrime FLOAT
peakFDoublePrime FLOAT
inflectionEnergy FLOAT
inflectionFPrime FLOAT
inflectionFDoublePrime FLOAT
xrayDose FLOAT
startTime DATETIME
endTime DATETIME
edgeEnergy VARCHAR(255)
filename VARCHAR(255)
beamSizeVertical FLOAT
beamSizeHorizontal FLOAT
crystalClass VARCHAR(20)
comments VARCHAR(1024)
flux DOUBLE
flux_end DOUBLE
Indexes
BLSample_has_EnergyScan
blSampleHasEnergyScanId INT(10)
blSampleId INT(10)
energyScanId INT(10)
Indexes
DataCollectionGroup
dataCollectionGroupId INT(11)
sessionId INT(10)
blSampleId INT(10)
workflowId INT(11)
experimentType ENUM(...)
startTime DATETIME
endTime DATETIME
crystalClass VARCHAR(20)
comments VARCHAR(1024)
detectorMode VARCHAR(255)
actualSampleBarcode VARCHAR(45)
actualSampleSlotInContainer INT(10)
actualContainerBarcode VARCHAR(45)
actualContainerSlotInSC INT(10)
xtalSnapshotFullPath VARCHAR(255)
Indexes
XFEFluorescenceSpectrum
xfeFluorescenceSpectrumId INT(10)
sessionId INT(10)
blSampleId INT(10)
fittedDataFileFullPath VARCHAR(255)
scanFileFullPath VARCHAR(255)
jpegScanFileFullPath VARCHAR(255)
startTime DATETIME
endTime DATETIME
filename VARCHAR(255)
energy FLOAT
exposureTime FLOAT
beamTransmission FLOAT
annotatedPymcaXfeSpectrum VARCHAR(255)
beamSizeVertical FLOAT
beamSizeHorizontal FLOAT
crystalClass VARCHAR(20)
comments VARCHAR(1024)
flux DOUBLE
flux_end DOUBLE
Indexes
BeamLine
BeamLineSetup
beamLineSetupId INT(10)
synchrotronMode VARCHAR(255)
undulatorType1 VARCHAR(45)
undulatorType2 VARCHAR(45)
undulatorType3 VARCHAR(45)
focalSpotSizeAtSample FLOAT
focusingOptic VARCHAR(255)
beamDivergenceHorizontal FLOAT
beamDivergenceVertical FLOAT
polarisation FLOAT
monochromatorType VARCHAR(255)
setupDate DATETIME
synchrotronName VARCHAR(255)
maxExpTimePerDataCollection DOUBLE
minExposureTimePerImage DOUBLE
goniostatMaxOscillationSpeed DOUBLE
goniostatMinOscillationWidth DOUBLE
minTransmission DOUBLE
Indexes
DataCollection
dataCollectionId INT(11)
dataCollectionGroupId INT(11)
blSubSampleId INT(11)
detectorId INT(11)
strategySubWedgeOrigId INT(10)
startPositionId INT(11)
endPositionId INT(11)
dataCollectionNumber INT(10)
startTime DATETIME
endTime DATETIME
runStatus VARCHAR(45)
axisStart FLOAT
axisEnd FLOAT
axisRange FLOAT
overlap FLOAT
numberOfImages INT(10)
startImageNumber INT(10)
numberOfPasses INT(10)
exposureTime FLOAT
imageDirectory VARCHAR(255)
imagePrefix VARCHAR(45)
imageSuffix VARCHAR(45)
fileTemplate VARCHAR(255)
wavelength FLOAT
resolution FLOAT
detectorDistance FLOAT
xBeam FLOAT
yBeam FLOAT
comments VARCHAR(1024)
printableForReport TINYINT(1)
slitGapVertical FLOAT
slitGapHorizontal FLOAT
transmission FLOAT
synchrotronMode VARCHAR(20)
xtalSnapshotFullPath1 VARCHAR(255)
xtalSnapshotFullPath2 VARCHAR(255)
xtalSnapshotFullPath3 VARCHAR(255)
xtalSnapshotFullPath4 VARCHAR(255)
rotationAxis ENUM(...)
phiStart FLOAT
kappaStart FLOAT
omegaStart FLOAT
resolutionAtCorner FLOAT
detector2Theta FLOAT
undulatorGap1 FLOAT
undulatorGap2 FLOAT
undulatorGap3 FLOAT
beamSizeAtSampleX FLOAT
beamSizeAtSampleY FLOAT
centeringMethod VARCHAR(255)
averageTemperature FLOAT
beamShape VARCHAR(45)
flux DOUBLE
flux_end DOUBLE
totalAbsorbedDose DOUBLE
bestWilsonPlotPath VARCHAR(255)
Indexes
Image
imageId INT(10)
dataCollectionId INT(11)
motorPositionId INT(11)
imageNumber INT(10)
fileName VARCHAR(255)
fileLocation VARCHAR(255)
measuredIntensity FLOAT
jpegFileFullPath VARCHAR(255)
jpegThumbnailFileFullPath VARCHAR(255)
temperature FLOAT
cumulativeIntensity FLOAT
synchrotronCurrent FLOAT
comments VARCHAR(1024)
machineMessage VARCHAR(1024)
Indexes
Workflow
workflowId INT(11)
workflowTitle VARCHAR(45)
workflowType ENUM(...)
comments VARCHAR(1024)
status VARCHAR(255)
resultFilePath VARCHAR(255)
logFilePath VARCHAR(255)
recordTimeStamp TIMESTAMP
Indexes
BLSession
sessionId INT(10)
expSessionPk INT(11)
beamLineSetupId INT(10)
proposalId INT(10)
projectCode VARCHAR(45)
startDate DATETIME
endDate DATETIME
beamLineName VARCHAR(45)
scheduled TINYINT(1)
nbShifts INT(10)
comments VARCHAR(2000)
beamLineOperator VARCHAR(45)
visit_number INT(10)
bltimeStamp TIMESTAMP
usedFlag TINYINT(1)
sessionTitle VARCHAR(255)
structureDeterminations FLOAT
dewarTransport FLOAT
databackupFrance FLOAT
databackupEurope FLOAT
operatorSiteNumber VARCHAR(10)
Indexes
MotorPosition
motorPositionId INT(11)
phiX DOUBLE
phiY DOUBLE
phiZ DOUBLE
sampX DOUBLE
sampY DOUBLE
omega DOUBLE
kappa DOUBLE
phi DOUBLE
chi DOUBLE
gridIndexY INT
gridIndexZ INT
Indexes
WorkflowMesh
workflowMeshId INT
workflowId INT(11)
bestPositionId INT(11)
bestImage INT(10)
value1 DOUBLE
value2 DOUBLE
value3 DOUBLE
value4 DOUBLE
cartographyPath VARCHAR(255)
recordTimeStamp TIMESTAMP
Indexes
Detector
detectorId INT(11)
detectorType VARCHAR(255)
detectorManufacturer VARCHAR(255)
detectorModel VARCHAR(255)
detectorPixelSizeHorizontal FLOAT
detectorPixelSizeVertical FLOAT
detectorSerialNumber FLOAT
detectorDistanceMin DOUBLE
detectorDistanceMax DOUBLE
trustedPixelValueRangeLower DOUBLE
trustedPixelValueRangeUpper DOUBLE
sensorThickness FLOAT
overload FLOAT
XGeoCorr VARCHAR(255)
YGeoCorr VARCHAR(255)
detectorMode VARCHAR(255)
Indexes
ImageQualityIndicators
imageQualityIndicatorsId INT(10)
imageId INT(10)
autoProcProgramId INT(10)
spotTotal INT(10)
inResTotal INT(10)
goodBraggCandidates INT(10)
iceRings INT(10)
method1Res FLOAT
method2Res FLOAT
maxUnitCell FLOAT
pctSaturationTop50Peaks FLOAT
inResolutionOvrlSpots INT(10)
binPopCutOffMethod2Res FLOAT
recordTimeStamp DATETIME
totalIntegratedSignal DOUBLE
dozor_score DOUBLE
Indexes
WorkflowDehydration
workflowDehydrationId INT
workflowId INT(11)
dataFilePath VARCHAR(255)
recordTimeStamp TIMESTAMP
Indexes
UntrustedRegion
untrustedRegionId INT(11)
detectorId INT(11)
x1 INT(11)
x2 INT(11)
y1 INT(11)
y2 INT(11)
Indexes
GridInfo
gridInfoId INT(11)
workflowMeshId INT
xOffset DOUBLE
yOffset DOUBLE
dx_mm DOUBLE
dy_mm DOUBLE
steps_x DOUBLE
steps_y DOUBLE
meshAngle DOUBLE
Indexes
Screening / EDNA
ScreeningRankSet
screeningRankSetId INT(10)
rankEngine VARCHAR(255)
rankingProjectFileName VARCHAR(255)
rankingSummaryFileName VARCHAR(255)
Indexes
Screening
screeningId INT(10)
dataCollectionId INT(11)
diffractionPlanId INT(10)
bltimeStamp TIMESTAMP
programVersion VARCHAR(45)
comments VARCHAR(255)
shortComments VARCHAR(20)
xmlSampleInformation LONGBLOB
Indexes
ScreeningStrategySubWedge
screeningStrategySubWedgeId INT(10)
screeningStrategyWedgeId INT(10)
subWedgeNumber INT(10)
rotationAxis VARCHAR(45)
axisStart FLOAT
axisEnd FLOAT
exposureTime FLOAT
transmission FLOAT
oscillationRange FLOAT
completeness FLOAT
multiplicity FLOAT
doseTotal FLOAT
numberOfImages INT(10)
1 more...
Indexes
ScreeningRank
screeningRankId INT(10)
screeningRankSetId INT(10)
screeningId INT(10)
rankValue FLOAT
rankInformation VARCHAR(1024)
Indexes
ScreeningOutputLattice
screeningOutputLatticeId INT(10)
screeningOutputId INT(10)
spaceGroup VARCHAR(45)
pointGroup VARCHAR(45)
bravaisLattice VARCHAR(45)
rawOrientationMatrix_a_x FLOAT
rawOrientationMatrix_a_y FLOAT
rawOrientationMatrix_a_z FLOAT
rawOrientationMatrix_b_x FLOAT
rawOrientationMatrix_b_y FLOAT
rawOrientationMatrix_b_z FLOAT
rawOrientationMatrix_c_x FLOAT
rawOrientationMatrix_c_y FLOAT
rawOrientationMatrix_c_z FLOAT
unitCell_a FLOAT
unitCell_b FLOAT
unitCell_c FLOAT
unitCell_alpha FLOAT
unitCell_beta FLOAT
unitCell_gamma FLOAT
bltimeStamp TIMESTAMP
labelitIndexing TINYINT(1)
Indexes
ScreeningOutput
screeningOutputId INT(10)
screeningId INT(10)
statusDescription VARCHAR(1024)
rejectedReflections INT(10)
resolutionObtained FLOAT
spotDeviationR FLOAT
spotDeviationTheta FLOAT
beamShiftX FLOAT
beamShiftY FLOAT
numSpotsFound INT(10)
numSpotsUsed INT(10)
numSpotsRejected INT(10)
mosaicity FLOAT
iOverSigma FLOAT
diffractionRings TINYINT(1)
strategySuccess TINYINT(1)
mosaicityEstimated TINYINT(1)
rankingResolution DOUBLE
program VARCHAR(45)
doseTotal DOUBLE
totalExposureTime DOUBLE
totalRotationRange DOUBLE
totalNumberOfImages INT(11)
rFriedel DOUBLE
indexingSuccess TINYINT(1)
Indexes
ScreeningStrategyWedge
screeningStrategyWedgeId INT(10)
screeningStrategyId INT(10)
wedgeNumber INT(10)
resolution FLOAT
completeness FLOAT
multiplicity FLOAT
doseTotal FLOAT
numberOfImages INT(10)
phi FLOAT
kappa FLOAT
comments VARCHAR(255)
wavelength DOUBLE
Indexes
ScreeningStrategy
screeningStrategyId INT(10)
screeningOutputId INT(10)
phiStart FLOAT
phiEnd FLOAT
rotation FLOAT
exposureTime FLOAT
resolution FLOAT
completeness FLOAT
multiplicity FLOAT
anomalous TINYINT(1)
program VARCHAR(45)
rankingResolution FLOAT
transmission FLOAT
Indexes
Autoprocessing
AutoProcIntegration
autoProcIntegrationId INT(10)
dataCollectionId INT(11)
autoProcProgramId INT(10)
startImageNumber INT(10)
endImageNumber INT(10)
refinedDetectorDistance FLOAT
refinedXBeam FLOAT
refinedYBeam FLOAT
rotationAxisX FLOAT
rotationAxisY FLOAT
rotationAxisZ FLOAT
beamVectorX FLOAT
beamVectorY FLOAT
beamVectorZ FLOAT
cell_a FLOAT
cell_b FLOAT
cell_c FLOAT
cell_alpha FLOAT
cell_beta FLOAT
cell_gamma FLOAT
recordTimeStamp DATETIME
anomalous TINYINT(1)
Indexes
AutoProcStatus
autoProcStatusId INT(11)
autoProcIntegrationId INT(10)
step ENUM(...)
status ENUM(...)
comments VARCHAR(1024)
bltimeStamp TIMESTAMP
Indexes
AutoProcProgram
autoProcProgramId INT(10)
processingCommandLine VARCHAR(255)
processingPrograms VARCHAR(255)
processingStatus TINYINT(1)
processingMessage VARCHAR(255)
processingStartTime DATETIME
processingEndTime DATETIME
processingEnvironment VARCHAR(255)
recordTimeStamp DATETIME
Indexes
AutoProcProgramAttachment
autoProcProgramAttachmentId INT(10)
autoProcProgramId INT(10)
fileType ENUM(...)
fileName VARCHAR(255)
filePath VARCHAR(255)
recordTimeStamp DATETIME
Indexes
AutoProc
autoProcId INT(10)
autoProcProgramId INT(10)
spaceGroup VARCHAR(45)
refinedCell_a FLOAT
refinedCell_b FLOAT
refinedCell_c FLOAT
refinedCell_alpha FLOAT
refinedCell_beta FLOAT
refinedCell_gamma FLOAT
recordTimeStamp DATETIME
Indexes
PhasingStatistics
phasingStatisticsId INT(11)
phasingHasScalingId1 INT(11)
phasingHasScalingId2 INT(11)
numberOfBins INT(11)
binNumber INT(11)
lowRes DOUBLE
highRes DOUBLE
metric ENUM(...)
statisticsValue DOUBLE
nReflections INT(11)
recordTimeStamp DATETIME
Indexes
PhasingProgramAttachment
phasingProgramAttachmentId INT(11)
phasingProgramRunId INT(11)
fileType ENUM(...)
fileName VARCHAR(45)
filePath VARCHAR(255)
recordTimeStamp DATETIME
Indexes
AutoProcScaling_has_Int
autoProcScaling_has_IntId INT(10)
autoProcScalingId INT(10)
autoProcIntegrationId INT(10)
recordTimeStamp DATETIME
Indexes
AutoProcScaling
autoProcScalingId INT(10)
autoProcId INT(10)
recordTimeStamp DATETIME
Indexes
Phasing_has_Scaling
phasingHasScalingId INT(11)
phasingAnalysisId INT(11)
autoProcScalingId INT(10)
datasetNumber INT(11)
recordTimeStamp DATETIME
Indexes
PhasingAnalysis
phasingAnalysisId INT(11)
recordTimeStamp DATETIME
Indexes
PhasingProgramRun
phasingProgramRunId INT(11)
phasingCommandLine VARCHAR(255)
phasingPrograms VARCHAR(255)
phasingStatus TINYINT(1)
phasingMessage VARCHAR(255)
phasingStartTime DATETIME
phasingEndTime DATETIME
phasingEnvironment VARCHAR(255)
recordTimeStamp DATETIME
Indexes
AutoProcScalingStatistics
autoProcScalingStatisticsId INT(10)
autoProcScalingId INT(10)
scalingStatisticsType ENUM(...)
comments VARCHAR(255)
resolutionLimitLow FLOAT
resolutionLimitHigh FLOAT
rMerge FLOAT
rMeasWithinIPlusIMinus FLOAT
rMeasAllIPlusIMinus FLOAT
rPimWithinIPlusIMinus FLOAT
rPimAllIPlusIMinus FLOAT
fractionalPartialBias FLOAT
nTotalObservations INT(10)
nTotalUniqueObservations INT(10)
meanIOverSigI FLOAT
completeness FLOAT
multiplicity FLOAT
anomalousCompleteness FLOAT
anomalousMultiplicity FLOAT
recordTimeStamp DATETIME
anomalous TINYINT(1)
ccHalf FLOAT
Indexes
PreparePhasingData
preparePhasingDataId INT(11)
phasingAnalysisId INT(11)
phasingProgramRunId INT(11)
spaceGroupId INT(10)
lowRes DOUBLE
highRes DOUBLE
recordTimeStamp DATETIME
Indexes
SubstructureDetermination
substructureDeterminationId INT(11)
phasingAnalysisId INT(11)
phasingProgramRunId INT(11)
spaceGroupId INT(10)
method ENUM(...)
lowRes DOUBLE
highRes DOUBLE
recordTimeStamp DATETIME
Indexes
Phasing
phasingId INT(11)
phasingAnalysisId INT(11)
phasingProgramRunId INT(11)
spaceGroupId INT(10)
method ENUM(...)
solventContent DOUBLE
enantiomorph TINYINT(1)
lowRes DOUBLE
highRes DOUBLE
recordTimeStamp DATETIME
Indexes
ModelBuilding
modelBuildingId INT(11)
phasingAnalysisId INT(11)
phasingProgramRunId INT(11)
spaceGroupId INT(10)
lowRes DOUBLE
highRes DOUBLE
recordTimeStamp DATETIME
Indexes
SpaceGroup
spaceGroupId INT(10)
spaceGroupNumber INT(10)
spaceGroupShortName VARCHAR(45)
spaceGroupName VARCHAR(45)
bravaisLattice VARCHAR(45)
bravaisLatticeName VARCHAR(45)
pointGroup VARCHAR(45)
Indexes


BioSAXS
AssemblyHasMacromolecule
AssemblyHasMacromoleculeId INT(10)
assemblyId INT(10)
macromoleculeId INT(10)
Indexes
AssemblyRegion
assemblyRegionId INT(10)
assemblyHasMacromoleculeId INT(10)
assemblyRegionType VARCHAR(45)
name VARCHAR(45)
fromResiduesBases VARCHAR(45)
toResiduesBases VARCHAR(45)
Indexes
MacromoleculeRegion
macromoleculeRegionId INT(10)
macromoleculeId INT(10)
regionType VARCHAR(45)
id VARCHAR(45)
count VARCHAR(45)
sequence VARCHAR(45)
Indexes
Structure
structureId INT(10)
macromoleculeId INT(10)
PDB VARCHAR(45)
structureType VARCHAR(45)
fromResiduesBases VARCHAR(45)
toResiduesBases VARCHAR(45)
sequence VARCHAR(45)
Indexes
Assembly
assemblyId INT(10)
macromoleculeId INT(10)
creationDate DATETIME
comments VARCHAR(255)
Indexes
Macromolecule
macromoleculeId INT(11)
proposalId INT(10)
safetyLevelId INT(10)
name VARCHAR(45)
acronym VARCHAR(45)
molecularMass VARCHAR(45)
extintionCoefficient VARCHAR(45)
sequence VARCHAR(1000)
creationDate DATETIME
comments VARCHAR(255)
Indexes
Stoichiometry
stoichiometryId INT(10)
hostMacromoleculeId INT(10)
macromoleculeId INT(10)
ratio VARCHAR(45)
Indexes
New Layer
MeasurementUnit
measurementUnitId INT(10)
name VARCHAR(45)
unitType VARCHAR(45)
Indexes
Additive
additiveId INT(11)
name VARCHAR(45)
additiveType VARCHAR(45)
comments VARCHAR(512)
Indexes
BufferHasAdditive
bufferHasAdditiveId INT(10)
bufferId INT(10)
additiveId INT(10)
measurementUnitId INT(10)
quantity VARCHAR(45)
Indexes
SafetyLevel
SafetyLevelId INT(10)
code VARCHAR(45)
description VARCHAR(45)
Indexes
Buffer
bufferId INT(10)
proposalId INT(10)
safetyLevelId INT(10)
name VARCHAR(45)
acronym VARCHAR(45)
pH VARCHAR(45)
composition VARCHAR(45)
comments VARCHAR(512)
Indexes
New Layer
StockSolution
stockSolutionId INT(10)
proposalId INT(10)
bufferId INT(10)
macromoleculeId INT(10)
instructionSetId INT(10)
boxId INT(10)
name VARCHAR(45)
storageTemperature VARCHAR(55)
volume VARCHAR(55)
concentration VARCHAR(55)
comments VARCHAR(255)
Indexes
Instruction
instructionId INT(10)
instructionSetId INT(10)
instructionOrder INT(11)
comments VARCHAR(255)
Indexes
InstructionSet
instructionSetId INT(10)
type VARCHAR(50)
Indexes
New Layer
Specimen
specimenId INT(10)
experimentId INT(10)
bufferId INT(10)
macromoleculeId INT(10)
samplePlatePositionId INT(10)
safetyLevelId INT(10)
stockSolutionId INT(10)
code VARCHAR(255)
concentration VARCHAR(45)
volume VARCHAR(45)
Indexes
BIOSASX Prepare Experiment
SamplePlatePosition
samplePlatePositionId INT(10)
samplePlateId INT(10)
rowNumber INT(11)
columnNumber INT(11)
volume VARCHAR(45)
Indexes
Experiment
experimentId INT(11)
sessionId INT(10)
proposalId INT(10)
name VARCHAR(255)
creationDate DATETIME
experimentType VARCHAR(128)
sourceFilePath VARCHAR(256)
comments VARCHAR(512)
dataAcquisitionFilePath VARCHAR(512)
status VARCHAR(45)
Indexes
SamplePlate
samplePlateId INT(10)
experimentId INT(10)
plateGroupId INT(10)
plateTypeId INT(10)
instructionSetId INT(10)
boxId INT(10)
name VARCHAR(45)
slotPositionRow VARCHAR(45)
slotPositionColumn VARCHAR(45)
storageTemperature VARCHAR(45)
Indexes
Measurement
measurementId INT(10)
specimenId INT(10)
runId INT(10)
code VARCHAR(100)
priorityLevelId INT(10)
exposureTemperature VARCHAR(45)
viscosity VARCHAR(45)
flow TINYINT(1)
extraFlowTime VARCHAR(45)
volumeToLoad VARCHAR(45)
waitTime VARCHAR(45)
transmission VARCHAR(45)
comments VARCHAR(512)
Indexes
PlateType
PlateTypeId INT(10)
experimentId INT(10)
name VARCHAR(45)
description VARCHAR(45)
shape VARCHAR(45)
rowCount INT(11)
columnCount INT(11)
Indexes
PlateGroup
plateGroupId INT(10)
name VARCHAR(255)
storageTemperature VARCHAR(45)
Indexes
SaxsDataCollection
dataCollectionId INT(10)
experimentId INT(10)
Indexes
MeasurementToDataCollection
measurementToDataCollectionId INT(10)
dataCollectionId INT(10)
measurementId INT(10)
dataCollectionOrder INT(10)
Indexes
New Layer
SubstractionToAbInitioModel
substractionToAbInitioModelId INT(10)
abInitioId INT(10)
subtractionId INT(10)
Indexes
AbInitioModel
abInitioModelId INT(10)
modelListId INT(10)
averagedModelId INT(10)
rapidShapeDeterminationModelId INT(10)
shapeDeterminationModelId INT(10)
comments VARCHAR(512)
creationTime DATETIME
Indexes
ModelList
modelListId INT(10)
nsdFilePath VARCHAR(255)
chi2RgFilePath VARCHAR(255)
Indexes
Model
modelId INT(10)
name VARCHAR(45)
pdbFile VARCHAR(45)
fitFile VARCHAR(45)
firFile VARCHAR(45)
logFile VARCHAR(45)
rFactor VARCHAR(45)
chiSqrt VARCHAR(45)
volume VARCHAR(45)
rg VARCHAR(45)
dMax VARCHAR(45)
Indexes
ModelToList
modelToListId INT(10)
modelId INT(10)
modelListId INT(10)
Indexes
Biosaxs during experiment
Substraction
substractionId INT(10)
dataCollectionId INT(10)
rg VARCHAR(45)
rgStdev VARCHAR(45)
I0 VARCHAR(45)
I0Stdev VARCHAR(45)
firstPointUsed VARCHAR(45)
lastPointUsed VARCHAR(45)
quality VARCHAR(45)
isagregated VARCHAR(45)
concentration VARCHAR(45)
gnomFilePath VARCHAR(255)
rgGuinier VARCHAR(45)
rgGnom VARCHAR(45)
dmax VARCHAR(45)
total VARCHAR(45)
volume VARCHAR(45)
creationTime DATETIME
kratkyFilePath VARCHAR(255)
scatteringFilePath VARCHAR(255)
guinierFilePath VARCHAR(255)
substractedFilePath VARCHAR(255)
gnomFilePathOutput VARCHAR(255)
Indexes
Merge
mergeId INT(10)
measurementId INT(10)
frameListId INT(10)
discardedFrameNameList VARCHAR(1024)
averageFilePath VARCHAR(255)
framesCount VARCHAR(45)
framesMerge VARCHAR(45)
Indexes
Run
runId INT(10)
timePerFrame VARCHAR(45)
timeStart VARCHAR(45)
timeEnd VARCHAR(45)
storageTemperature VARCHAR(45)
exposureTemperature VARCHAR(45)
spectrophotometer VARCHAR(45)
energy VARCHAR(45)
creationDate DATETIME
frameAverage VARCHAR(45)
frameCount VARCHAR(45)
transmission VARCHAR(45)
beamCenterX VARCHAR(45)
beamCenterY VARCHAR(45)
pixelSizeX VARCHAR(45)
pixelSizeY VARCHAR(45)
radiationRelative VARCHAR(45)
radiationAbsolute VARCHAR(45)
normalization VARCHAR(45)
Indexes
FrameList
frameListId INT(10)
comments INT(10)
Indexes
FrameSet
frameSetId INT(10)
runId INT(10)
frameListId INT(10)
detectorId INT(10)
detectorDistance VARCHAR(45)
Indexes
FrameToList
frameToListId INT(10)
frameListId INT(10)
frameId INT(10)
Indexes
Frame
frameId INT(10)
filePath VARCHAR(255)
comments VARCHAR(45)
Indexes