

			Nulls Count	Rows Count	Non-null Count	Ratio Nulls
Screening	Screening.screeningId	NOT NULL	0	554075	554075	0.00%
	Screening.diffractionPlanId	NOT NULL	80752	554075	473323	14.57%
	Screening.dataCollectionGroupId	NOT NULL	560	554075	553515	0.10%
	Screening.dataCollectionId	NOT NULL	165647	554075	388428	29.90%
	Screening.bltimeStamp	NOT NULL	0	554075	554075	0.00%
	Screening.programVersion	NOT NULL	0	554075	554075	0.00%
	Screening.comments	NOT NULL	543016	554075	11059	98.00%
	Screening.shortComments	NOT NULL	554002	554075	73	99.99%
	Screening.xmlSampleInformation	NOT NULL	554048	554075	27	100.00%
ScreeningOutput	ScreeningOutput.screeningOutputId	NOT NULL	0	554017	554017	0.00%
	ScreeningOutput.screeningId	NOT NULL	0	554017	554017	0.00%
	ScreeningOutput.statusDescription	NOT NULL	0	554017	554017	0.00%
	ScreeningOutput.rejectedReflections	NOT NULL	530245	554017	23772	95.71%
	ScreeningOutput.resolutionObtained	NOT NULL	506079	554017	47938	91.35%
	ScreeningOutput.spotDeviationR	NOT NULL	182754	554017	371263	32.99%
	ScreeningOutput.spotDeviationTheta	NOT NULL	363901	554017	190116	65.68%
	ScreeningOutput.beamShiftX	NOT NULL	182754	554017	371263	32.99%
	ScreeningOutput.beamShiftY	NOT NULL	182754	554017	371263	32.99%
	ScreeningOutput.numSpotsFound	NOT NULL	182754	554017	371263	32.99%
	ScreeningOutput.numSpotsUsed	NOT NULL	182754	554017	371263	32.99%
	ScreeningOutput.numSpotsRejected	NOT NULL	182754	554017	371263	32.99%
	ScreeningOutput.mosaicity	NOT NULL	182754	554017	371263	32.99%
	ScreeningOutput.iOverSigma	NOT NULL	535801	554017	18216	96.71%
	ScreeningOutput.diffractionRings	NOT NULL	32834	554017	521183	5.93%
	ScreeningOutput.strategySuccess	NOT NULL	0	554017	554017	0.00%
	ScreeningOutput.mosaicityEstimated	NOT NULL	0	554017	554017	0.00%
	ScreeningOutput.rankingResolution	NOT NULL	303379	554017	250638	54.76%
	ScreeningOutput.program	NOT NULL	105062	554017	448955	18.96%
	ScreeningOutput.doseTotal	NOT NULL	553990	554017	27	100.00%
	ScreeningOutput.totalExposureTime	NOT NULL	353578	554017	200439	63.82%
ScreeningOutput.totalRotationRange	NOT NULL	353578	554017	200439	63.82%	
ScreeningOutput.totalNumberOfImages	NOT NULL	353578	554017	200439	63.82%	
ScreeningOutput.rFriedel	NOT NULL	553990	554017	27	100.00%	
ScreeningOutput.indexingSuccess	NOT NULL	0	554017	554017	0.00%	
ScreeningOutput.screeningSuccess	NOT NULL	0	554017	554017	0.00%	
ScreeningRank	ScreeningRank.screeningRankId	NOT NULL	0	375389	375389	0.00%
	ScreeningRank.screeningRankSetId	NOT NULL	0	375389	375389	0.00%
	ScreeningRank.screeningId	NOT NULL	4129	375389	371260	1.10%
	ScreeningRank.rankValue	NOT NULL	327452	375389	47937	87.23%
	ScreeningRank.rankInformation	NOT NULL	327452	375389	47937	87.23%

ScreeningRankSet	ScreeningRankSet.screeningRankSetId	NOT NULL	327452	375389	47937	87.23%
	ScreeningRankSet.rankEngine	NOT NULL	327452	375389	47937	87.23%
	ScreeningRankSet.rankingProjectFileName	NOT NULL	327452	375389	47937	87.23%
	ScreeningRankSet.rankingSummaryFileName	NOT NULL	327452	375389	47937	87.23%
ScreeningOutputLattice	ScreeningOutputLattice.screeningOutputLatticeId	NOT NULL	327452	375389	47937	87.23%
	ScreeningOutputLattice.screeningOutputId	NOT NULL	327452	375389	47937	87.23%
	ScreeningOutputLattice.spaceGroup	NOT NULL	327452	375389	47937	87.23%
	ScreeningOutputLattice.pointGroup	NOT NULL	327452	375389	47937	87.23%
	ScreeningOutputLattice.bravaisLattice	NOT NULL	327452	375389	47937	87.23%
	ScreeningOutputLattice.rawOrientationMatrix_a_x	NOT NULL	4129	375389	371260	1.10%
	ScreeningOutputLattice.rawOrientationMatrix_a_y	NOT NULL	4129	375389	371260	1.10%
	ScreeningOutputLattice.rawOrientationMatrix_a_z	NOT NULL	4129	375389	371260	1.10%
	ScreeningOutputLattice.rawOrientationMatrix_b_x	NOT NULL	4129	375389	371260	1.10%
	ScreeningOutputLattice.rawOrientationMatrix_b_y	NOT NULL	4129	375389	371260	1.10%
	ScreeningOutputLattice.rawOrientationMatrix_b_z	NOT NULL	4129	375389	371260	1.10%
	ScreeningOutputLattice.rawOrientationMatrix_c_x	NOT NULL	80741	375389	294648	21.51%
	ScreeningOutputLattice.rawOrientationMatrix_c_y	NOT NULL	0	375389	375389	0.00%
	ScreeningOutputLattice.rawOrientationMatrix_c_z	NOT NULL	0	6238	6238	0.00%
	ScreeningOutputLattice.unitCell_a	NOT NULL	0	6238	6238	0.00%
	ScreeningOutputLattice.unitCell_b	NOT NULL	0	6238	6238	0.00%
	ScreeningOutputLattice.unitCell_c	NOT NULL	0	6238	6238	0.00%
	ScreeningOutputLattice.unitCell_alpha	NOT NULL	0	6238	6238	0.00%
	ScreeningOutputLattice.unitCell_beta	NOT NULL	0	992	992	0.00%
	ScreeningOutputLattice.unitCell_gamma	NOT NULL	0	992	992	0.00%
ScreeningOutputLattice.bltimeStamp	NOT NULL	54	992	938	5.44%	
ScreeningOutputLattice.labelItIndexing	NOT NULL	54	992	938	5.44%	
ScreeningStrategy	ScreeningStrategy.screeningStrategyId	NOT NULL	0	285881	285881	0.00%
	ScreeningStrategy.screeningOutputId	NOT NULL	0	285881	285881	0.00%
	ScreeningStrategy.phiStart	NOT NULL	204913	285881	80968	71.68%
	ScreeningStrategy.phiEnd	NOT NULL	204913	285881	80968	71.68%
	ScreeningStrategy.rotation	NOT NULL	204913	285881	80968	71.68%
	ScreeningStrategy.exposureTime	NOT NULL	204912	285881	80969	71.68%
	ScreeningStrategy.resolution	NOT NULL	204913	285881	80968	71.68%
	ScreeningStrategy.completeness	NOT NULL	248709	285881	37172	87.00%
	ScreeningStrategy.multiplicity	NOT NULL	248709	285881	37172	87.00%
	ScreeningStrategy.anomalous	NOT NULL	0	285881	285881	0.00%
	ScreeningStrategy.program	NOT NULL	204912	285881	80969	71.68%
	ScreeningStrategy.rankingResolution	NOT NULL	229095	285881	56786	80.14%
ScreeningStrategy.transmission	NOT NULL	245256	285881	40625	85.79%	
ScreeningStrategySubWedge	ScreeningStrategySubWedge.screeningStrategySubWedgeId	NOT NULL	0	289240	289240	0.00%
	ScreeningStrategySubWedge.screeningStrategyWedgeId	NOT NULL	0	289240	289240	0.00%
	ScreeningStrategySubWedge.subWedgeNumber	NOT NULL	0	289240	289240	0.00%
	ScreeningStrategySubWedge.rotationAxis	NOT NULL	217049	289240	72191	75.04%

ScreeningStrategySubWedge	ScreeningStrategySubWedge.axisStart	NOT NULL	1	289240	289239	0.00%
	ScreeningStrategySubWedge.axisEnd	NOT NULL	1	289240	289239	0.00%
	ScreeningStrategySubWedge.exposureTime	NOT NULL	0	289240	289240	0.00%
	ScreeningStrategySubWedge.transmission	NOT NULL	40351	289240	248889	13.95%
	ScreeningStrategySubWedge.oscillationRange	NOT NULL	72189	289240	217051	24.96%
	ScreeningStrategySubWedge.completeness	NOT NULL	260808	289240	28432	90.17%
	ScreeningStrategySubWedge.multiplicity	NOT NULL	260808	289240	28432	90.17%
	ScreeningStrategySubWedge.doseTotal	NOT NULL	289210	289240	30	99.99%
	ScreeningStrategySubWedge.numberOfImages	NOT NULL	72189	289240	217051	24.96%
	ScreeningStrategySubWedge.comments	NOT NULL	217024	289240	72216	75.03%
	ScreeningStrategySubWedge.resolution	NULL	289240	289240	0	100.00%
ScreeningStrategyWedge	ScreeningStrategyWedge.screeningStrategyWedgeld	NOT NULL	0	281142	281142	0.00%
	ScreeningStrategyWedge.screeningStrategyId	NOT NULL	0	281142	281142	0.00%
	ScreeningStrategyWedge.wedgeNumber	NOT NULL	0	281142	281142	0.00%
	ScreeningStrategyWedge.resolution	NOT NULL	1	281142	281141	0.00%
	ScreeningStrategyWedge.completeness	NOT NULL	44181	281142	236961	15.71%
	ScreeningStrategyWedge.multiplicity	NOT NULL	44181	281142	236961	15.71%
	ScreeningStrategyWedge.doseTotal	NOT NULL	281112	281142	30	99.99%
	ScreeningStrategyWedge.numberOfImages	NOT NULL	72189	281142	208953	25.68%
	ScreeningStrategyWedge.phi	NOT NULL	280267	281142	875	99.69%
	ScreeningStrategyWedge.kappa	NOT NULL	280267	281142	875	99.69%
	ScreeningStrategyWedge.chi	NULL	281142	281142	0	100.00%
	ScreeningStrategyWedge.comments	NOT NULL	208289	281142	72853	74.09%
	ScreeningStrategyWedge.wavelength	NOT NULL	89741	281142	191401	31.92%