

Analysis	Script (SCZ_PPI/scripts)	Input (in SCZ_PPI/data, unless indicated otherwise)	Output (in SCZ_PPI/output, unless indicated otherwise)	Paper figures/tables
pLI score enrichment analysis	SCZ_pLIAnalysis.r	SCHEMA2020_TableS5.csv	SCZ_pLIEEnrichment.txt	Table S2
		SCZ_BaitSelectionGeneList.txt	SCZ_Sets1-3_pLIPlot.pdf	Fig 1B
		PGC3-SCZ_287loci_GenePosPvalue.txt	SCZ_PGC3_pLIPlot.pdf	Fig 4B
		Trubetskoy2022_PGC3-SCZ_SuppTable12.txt		
		SCZ_MasterInteractorTable_full.txt		
BrainSpan expression profiles	SCZ_BrainSpanAnalysis.r	BrainSpan/array_expression_matrix.processed.csv	SCZ_BrainSpanStats.txt	Table S3
		BrainSpan/rows_metadata.filtered.csv	SCZ_Sets1-3_BrainSpanPlot.pdf	Fig 1C
		BrainSpan/columns_metadata.csv	SCZ_Network_BrainSpanPlot.pdf	Fig S7A
		BrainSpan/age_mapping.csv	SCZ_PGC3_BrainSpanPlot.pdf	Fig 4C
		SCHEMA2020_TableS5.csv	SCZ_IndividualGenes_BrainSpanPlots.pdf	Fig S7A
		SCZ_BaitSelectionGeneList.txt		
		SCZ_MasterInteractorTable_full.txt		
		PGC3_SCZ_combined_270loci_GenePosPvalue.txt		
Generating IP-MS volcano and scatter plots	SCZ_plotVolcanoAndScatter.r	PGC3_SCZ_PrioritizedGenes.txt		
		SCZ_GenoppiResults.xlsx	SCZ_CACNA1C_ScatterVolcano.pdf SCZ_InWebVolcanos_6IPs.pdf	Fig 2A,B Fig S2B
Co-expression analysis	SCZ_calcCoExp_Stickels2021.py	Homo_sapiens.GRCh38.84.GeneAnnotations.txt	(filtered: data/CoExp/Stickels2021_SCZ-Baits_CoExpFisherNegLogP.txt.gz)	
		HOM_MouseHumanSequence.rpt.txt		
		(Puck_190921_19_digital_expression.txt.gz from Single Cell Portal)		
	SCZ_calcCoExp_Maynard2021.py	(counts matrix and metadata from spatialLIBD R package)	(filtered: data/CoExp/Maynard2021_SCZ-Baits_CoExpFisherNegLogP.txt.gz)	
	SCZ_calcCoExp_Velmeshev2019.r	Homo_sapiens.GRCh38.84.GeneAnnotations.txt	(filtered: data/CoExp/Velmeshev2019_SCZ-Baits_CoExpPropRho.txt.gz)	
		(rawMatrix.zip from UCSC Cell Browser)		
	SCZ_calcCoExp_BrainSpan.r	Homo_sapiens.GRCh38.84.GeneAnnotations.txt	(filtered: data/CoExp/BrainSpan_SCZ-Baits_CoExpPropRho.txt.gz)	
		(“RNA-Seq Gencode v10 summarized to genes” data from BrainSpan)		
	SCZ_plotCoExp_IntsVsOthers.r	SCZ_MasterInteractorTable_full.txt	SCZ_CoExp_ViolinPlots.pdf	Fig S2C
		CoExp/Stickels2021_SCZ-Baits_CoExpFisherNegLogP.txt.gz	SCZ_CoExp-Maynard2021_ViolinPlot.pdf	Fig 2D
		CoExp/Maynard2021_SCZ-Baits_CoExpFisherNegLogP.txt.gz		
		CoExp/Velmeshev2019_SCZ-Baits_CoExpPropRho.txt.gz		
	SCZ_plotCoExp_IntSubsets.r	CoExp/BrainSpan_SCZ-Baits_CoExpPropRho.txt.gz		
		SCZ_IntSubsetTable.txt	SCZ_CoExp_IntSubsets_ViolinPlots.pdf	Fig S2D
		CoExp/Stickels2021_SCZ-Baits_CoExpFisherNegLogP.txt.gz		
		CoExp/Maynard2021_SCZ-Baits_CoExpFisherNegLogP.txt.gz		
Comparison of IP-MS data of same index proteins	SCZ_plotLogFC_GGPairs.R	SCZ_GenoppiResults.xlsx	SCZ_LogFC_GGPairs.pdf	Fig S6A,C,E
	SCZ_plotOverlapEnrichmentHeatmap.R	SCZ_GenoppiResults.xlsx	SCZ_InteractorsOverlap_Heatmap.pdf	Fig S6B,D,F
Generating network plot and pie charts	SCZ_plotNetwork.r	SCZ_MasterInteractorTable_full.txt	SCZ_NetworkPlot.pdf	Fig 2E
			SCZ_NetworkPieCharts.pdf	Fig 2E
Common variant enrichment analysis	SCZ_GRS_score.py	(individual-level genotype data of GWAS cohorts)	(merged/reformatted: SCZ_PPI/data/SCZ_GrsResults.txt and SCZ_GrsResults_meta.txt)	Table S11
	SCZ_GRS_interaction_test_eur.r			
	SCZ_GRS_interaction_test_eas.r			
	SCZ_GRS_meta_analysis.r			
	SCZ_plotMagmaAndGrsResults.r	SCZ_MasterInteractorTable_stringent.txt	SCZ_MAGMA_ScHeight_ForestPlot.pdf	Fig 3A
		SCZ_MagmaResults.txt	SCZ_MAGMA_ForestPlot.pdf	Fig S8A
Rare variant enrichment analysis	SCZ_RareVariantAnalysis.r	SCZ_MagmaResults_meta.txt	SCZ_MAGMA_HeatMap.pdf	Fig 3B
		SCZ_GrsResults.txt	SCZ_GRS_ForestPlot.pdf	Fig S8B
		SCZ_GrsResults_meta.txt		
		SCHEMA2020_TableS5.csv	SCZ_RareVariantEnrichment.txt	Table S11
		Kaplanis2019_TableS2.txt	SCZ_RareVariantEnrichment_HeatMap.pdf	Fig S8C
		Satterstrom2020_TableS2_Autosomal.txt		
Transcriptional perturbation enrichment analysis	SCZ_scDegAnalysis.r	SCZ_MasterInteractorTable_stringent.txt	SCZ_scDegEnrichment.txt	Table S12
		Ruzicka2020_media-5.xlsx	SCZ_scDegEnrichment_HeatMaps.pdf	Fig 3C, S9
		Ruzicka2020_media-6.xlsx		
Generating social Manhattan plot	SCZ_plotSocialManhattan.r	Trubetskoy2022_PGC3-SCZ_SuppTable12.txt	SCZ_PGC3_PrioritizationTable.txt	Table S13
		PGC3-SCZ_287loci_GenePosPvalue.txt	SCZ_SocialManhattanPlot.pdf	Fig 4A
		SCZ_MasterInteractorTable_full.txt		
		SCZ_ValidationSummary.txt		