Analysis	Script (in ASD_PPI/scripts)	Input (in ASD_PPI/data, unless indicated otherwise)	Output (in ASD_PPI/output, unless indicated otherwise)	Paper figures/tables
RNA-seq data analysis	RNA/ASD RNA 1 TrimGalore.sh	ASD_PPI/scripts/RNA/ASD_RNA_1_TrimGalore.param	(reformatted: ASD_PPI/data/ASD_RNAseq_geneCounts_noTail.tsv)	
Generating scRNA-seq t-SNE plots Generating IP-MS volcano and scatter plots Comparison of IP-MS data across sites Co-expression analysis	RNA/ASD_RNA_2_Hisat2.sh	ASD_PPI/scripts/RNA/ASD_RNA_2_Hisat2.param	(
	RNA/ASD_RNA_3_Htseq-count.sh	(raw FASTQ files deposited to GEO [GSE178896])		
	RNA/ASD_RNA_3_Htseq-count.sn			
		(HISAT2 index files [GRCh38 genome with transcripts])		
		(Homo_sapiens.GRCh38.84.gtf.gz from Ensembl)		
	ASD_plotRnaHeatMap.r	ASD_RNAseq_geneCounts_noTail.tsv	ASD_RNA_geneAvgLcpm.txt	
		Homo_sapiens.GRCh38.84.GeneAnnotations.txt	ASD RNA SatterstromHeatMap.pdf	Fig 1C
		Nehme2018_MarkerGenes.txt	ASD_RNA_MarkerGenesHeatMap.pdf	Fig S1A
	ASD_seuratPlots_Velmeshev2019.r	(exprMatrix.tsv.gz from UCSC Cell Browser)	ASD_Velmeshev2019_DimPlot.png	Fig S1B
	ASD_SediatFlots_VeilileSileV2019.1			
		(meta.tsv from UCSC Cell Browser)	ASD_Velmeshev2019_BaitFeaturePlots.png	Fig S1C
		(tSNE.coords.tsv.gz from UCSC Cell Browser)		
	ASD_plotVolcanoAndScatter.r	ASD_GenoppiResults.xlsx	ASD_Scatter_InWebVolcanos_13IPs.pdf	Fig 2A,B, S2
			ASD_ANK2_PTEN_DYRK1A_Volcanos.pdf	Fig 4B, 5A, 6D
	ASD_plotSiteSummaryStats.r	ASD_lpSummaryStats.txt	ASD_SiteSummaryStats_BoxPlots.pdf	Fig S3A
	ASD_DiotoiteSurimaryStats.i			
		ASD_IpComparisonStats.txt	ASD_lpPairsBySite_BoxPlots.pdf	Fig S3B
	ASD_calcCoExp_Sitckels2021.py	Homo_sapiens.GRCh38.84.GeneAnnotations.txt	(filtered: ASD_PPI/data/CoExp/Stickels2021_ASD-Baits_CoExpFisherNegLogP.txt.gz)	
		HOM_MouseHumanSequence.rpt.txt		
		(Puck 190921 19.digital expression.txt.gz from Single Cell Portal)		
	ASD_calcCoExp_Maynard2021.py	(counts matrix and metadata from spatialLIBD R package)	(filtered: ASD_PPI/data/CoExp/Maynard2021_ASD-Baits_CoExpFisherNegLogP.txt.gz)	
	ASD_calcCoExp_Velmeshev2019.r	Homo_sapiens.GRCh38.84.GeneAnnotations.txt	(filtered: ASD_PPI/data/CoExp/Velmeshev2019_ASD-Baits_CoExpPropRho.txt.gz)	
			(
		(rawMatrix.zip from UCSC Cell Browser)		
	ASD_calcCoExp_BrainSpan.r	Homo_sapiens.GRCh38.84.GeneAnnotations.txt	(filtered: ASD_PPI/data/CoExp/BrainSpan_ASD-Baits_CoExpPropRho.txt.gz)	
		("RNA-Seq Gencode v10 summarized to genes" data from BrainSpan)		
	ASD_plotCoExp_IntSubsets.r	ASD_IntSubsetTable.txt	ASD_CoExp_IntSubsets_ViolinPlots.pdf	Fig S3D,E
		CoExp/Stickels2021_ASD-Baits_CoExpFisherNegLogP.txt.gz	ASD_CoExp_IntSubsets-Sites_ViolinPlots.pdf	Fig S3C
	1	CoExp/Maynard2021_ASD-Baits_CoExpFisherNegLogP.txt.gz		J
	1			
		CoExp/Velmeshev2019_ASD-Baits_CoExpPropRho.txt.gz		
		CoExp/BrainSpan_ASD-Baits_CoExpPropRho.txt.gz		
	ASD_plotCoExp_IntsVsOthers.r	ASD_MasterInteractorTable.txt	ASD_CoExp_ViolinPlots.pdf	Fig S8C
		CoExp/Stickels2021_ASD-Baits_CoExpFisherNegLogP.txt.gz	ASD_CoExp-Maynard2021_ViolinPlot.pdf	Fig 2H
		CoExp/Maynard2021_ASD-Baits_CoExpFisherNegLogP.txt.gz		
	1			
		CoExp/Velmeshev2019_ASD-Baits_CoExpPropRho.txt.gz		
 	 	CoExp/BrainSpan_ASD-Baits_CoExpPropRho.txt.gz		
Generating network plot and pie charts	ASD_plotNetwork.r	ASD_MasterInteractorTable.txt	ASD_NetworkPlot.pdf	Fig 2C
			ASD NetowrkPieCharts.pdf	Fig 2D,E
Comparison of iN vs. brain IP-MS data	ASD_iNvsBrainComparison.r	ASD_MasterInteractorTable.txt	ASD_BrainVolcanos_iNoverlay.pdf	Fig S7B
		ASD_IntSubsetTable.txt	ASD iNvsBrain OverlapEnrichment.txt	Fig 2G, S7C, Data S2
BrainSpan analysis			ASD_INVSBrain_OverlapErincriment.txt	rig 20, 370, Data 32
		ASD_GenoppiResults.xlsx		
		BrainIPs_Filtered/SCN2A.pep1.bait2.FilteredNonInts.txt		
		BrainIPs_Filtered/SHANK3.pep1.bait2.FilteredNonInts.txt		
		BrainIPs_Filtered/SYNGAP1.pep1.bait2.FilteredNonInts.txt		
	ASD_BrainSpanAnalysis.r	BrainSpan/array_expression_matrix.processed.csv	ASD_SatterstromOverlap_BrainSpanPlot.pdf	Fig S11D
	AOD_DialiopaliAlialysis.i			
		BrainSpan/rows_metadata.filtered.csv	ASD_BrainSpanPlots.pdf	Fig S8A,B
		BrainSpan/columns_metadata.csv		
		BrainSpan/age.mapping.csv		
		Satterstrom2020_TableS2_Autosomal.txt		
	+	ASD MasterInteractorTable.txt		
		BrainSpan/ASD_iN_brain_BrainSpanValues.tsv		
Tissue enrichment analysis	ASD_GtexEnrichmentAnalysis.r	ASD_MasterInteractorTable_withInWeb.txt	ASD_GtexEnrichment.txt	Table S6
	,	Homo_sapiens.GRCh38.84.GeneAnnotations.txt	ASD_GtexEnrichment_BarPlots.pdf	Fig 3A,B, S8D
		GTEX/GTEx.tstat.tsv	700_0toxelinomicit_buil toto.pui	1 ig 011,0,000
		GTEx/GTEx.tissue.names.tsv		
		GTEx/GTEx_brain.tstat.tsv		
		GTEx/GTEx_brain.tissue.names.tsv		
Cell type enrichment analysis	ASD_calcPercExp_Velmeshev2019.py	(exprMatrix.tsv.gz from UCSC Cell Browser)	ASD_PPI/data/Velmeshev2019_PercExpMatrix.txt.gz	
	AOD_calci elcexp_velillesilevz018.py	(meta.tsv from UCSC Cell Browser)	AOD_11 IIdata veiillesilevz015_1 elcExpiliatiix.txt.gz	
		Velmeshev2019_genes.tsv	ASD_scExpEnrichment.txt	Table S6
	ASD_CellTypeEnrichmentAnalysis.py		ASD_scDegEnrichment.txt	
	ASD_CellTypeEnrichmentAnalysis.py	ASD_MasterInteractorTable.txt		Table S6
	ASD_CellTypeEnrichmentAnalysis.py			Table S6
	ASD_CellTypeEnrichmentAnalysis.py	Velmeshev2019_PercExpMatrix.txt.gz		Table S6
		Velmeshev2019_PercExpMatrix.txt.gz Velmeshev2019_DataS4.xls	ASD California salabana Facel Paul Raba a "	
	ASD_CellTypeEnrichmentAnalysis.py ASD_plotCellTypeEnrichment.r	Velmeshev2019_PercExpMatrix.bxt.gz Velmeshev2019_DataS4.xls ASD_PPl/output/ASD_scExpEnrichment.bxt	ASD_CellTypeEnrichment_FacetBarPlots.pdf	Fig S9
	ASD_plotCellTypeEnrichment.r	Velmeshev2019_PercExpMatrix.txt.gz Velmeshev2019_Data54.xts ASD_PPloutputASD_scExpEnrichment.txt ASD_PPloutputASD_scDegEnrichment.txt	ASD_CellTypeEnrichment_SingleBarPlots.pdf	Fig S9 Fig 3C,D
Comparison of ANK2 WT vs. KO IP-MS data		Velmeshev2019_PercExpMatrix.bxt.gz Velmeshev2019_DataS4.xls ASD_PPl/output/ASD_scExpEnrichment.bxt		Fig S9
Comparison of ANK2 WT vs. KO IP-MS data	ASD_plotCellTypeEnrichment.r	Velmeshev2019_PercExpMatrix.txt.gz Velmeshev2019_Data54.xts ASD_PPloutputASD_scExpEnrichment.txt ASD_PPloutputASD_scDegEnrichment.txt	ASD_CellTypeEnrichment_SingleBarPlots.pdf	Fig S9 Fig 3C,D
Comparison of ANK2 WT vs. KO IP-MS data	ASD_plotCellTypeEnrichment.r	Velmeshev.2019_DataSr.2019. Velmeshev.2019_DataSr.2019. ASD_PPloutput/ASD_scExpEnrichment.txt ASD_PPloutput/ASD_scDegEnrichment.txt ASD_PPloutput/ASD_scDegEnrichment.txt ANC_WTvsMUTiANK2-WT.pep1.bat/2.Minimp.GenoppiStats.txt ANK2_WTvsMUTiANK2-WT.pep1.bat/2.Minimp.GenoppiStats.txt	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf	Fig S9 Fig 3C,D Fig S10B
•	ASD_pixtCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r	Velmeshev2019_PercExpMatrix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutputASD_escepEnrichment.bt ASD_PPloutputASD_escepEnrichment.bt ASD_PUTABLED_ENRICHMENT.bt. ANKZ_WTVSMUTANKZ-WTypep1.baliz.Minimp.GenoppiStats.bt ANKZ_WTVSMUTANKZ-WTysMUT.pep1 baliz.Minimp.GenoppiStats.bt ANKZ_WTVSMUTANKZ-WTysMUT.pep1 baliz.Minimp.GenoppiStats.bt	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
Comparison of ANK2 WT vs. KO IP-MS data Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev2019_PereExplidatrix.bt.gz Velmeshev2019_DataS4.xls ASD_PPloutput/ASD_scExpEnrichment.txt ASD_PPloutput/ASD_scExpEnrichment.txt ASD_PPloutput/ASD_scExpEnrichment.txt ANC_WTN-MUTANK2-WT-pep 1 bailz Minimp, GenoppiStats.bt ANC_WTN-SMUTANK2-MUT_pep1 bailz Minimp, GenoppiStats.bt ANC_WTN-SMUTANK2-MUT_pep1 bailz Minimp, GenoppiStats.txt ANC_WTN-MUTANK2-WT-pep1 bailz Minimp, GenoppiStats.txt scriptsMAGMA/ASD_IGF28P_MAGMA_1_GenePanrich_param	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf	Fig S9 Fig 3C,D Fig S10B
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev2019_Debt45: Velmeshev2019_Debt45: SSD_PPloutpul/ASD_seExpEnrichment.txt ASD_PPloutpul/ASD_seExpEnrichment.txt ASD_PPloutpul/ASD_seExpEnrichment.txt ANC_WTvsMUTIANK2-WTpep1.bailZ.Minlmp.GenopplStats.txt ANK2_WTvsMUTIANK2-WTvspt1 bailZ.Minlmp.GenopplStats.txt ANK2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt ANK2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt aNK2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt ank2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt scripts/MAGMAASD_IGF2BP_MAGMA_1_GeneAnnot.param scripts/MAGMAASD_IGF2BP_MAGMA_2_GeneAnnot.param	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev2019_PereExplidatrix.bt.gz Velmeshev2019_DataS4.xls ASD_PPloutput/ASD_scExpEnrichment.txt ASD_PPloutput/ASD_scExpEnrichment.txt ASD_PPloutput/ASD_scExpEnrichment.txt ANC_WTN-MUTANK2-WT-pep 1 bailz Minimp, GenoppiStats.bt ANC_WTN-SMUTANK2-MUT_pep1 bailz Minimp, GenoppiStats.bt ANC_WTN-SMUTANK2-MUT_pep1 bailz Minimp, GenoppiStats.txt ANC_WTN-MUTANK2-WT-pep1 bailz Minimp, GenoppiStats.txt scriptsMAGMA/ASD_IGF28P_MAGMA_1_GenePanrich_param	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev2019_Debt45: Velmeshev2019_Debt45: SSD_PPloutpul/ASD_seExpEnrichment.txt ASD_PPloutpul/ASD_seExpEnrichment.txt ASD_PPloutpul/ASD_seExpEnrichment.txt ANC_WTvsMUTIANK2-WTpep1.bailZ.Minlmp.GenopplStats.txt ANK2_WTvsMUTIANK2-WTvspt1 bailZ.Minlmp.GenopplStats.txt ANK2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt ANK2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt aNK2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt ank2_WTvsMUTIANK2-WTvsMUT.pep1.bailZ.Minlmp.GenopplStats.txt scripts/MAGMAASD_IGF2BP_MAGMA_1_GeneAnnot.param scripts/MAGMAASD_IGF2BP_MAGMA_2_GeneAnnot.param	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev.2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.td ASD_PPloutput/ASD_scExpEnrichment.td ASD_PPloutput/ASD_scExpEnrichment.td ASD_PPloutput/ASD_scExpEnrichment.td ANC_WTMSMUTANK2-WTperp1 bailz Minimp_GenoppiStats.td ANC_WTMSMUTANK2-WTperp1 bailz Minimp_GenoppiStats.td ANC_WTMSMUTANK2-WTMSP_perp1 bailz Minimp_GenoppiStats.td ANC_WTMSMUTANK2-WTMSP_perp1 bailz Minimp_GenoppiStats.td ANC_WTMSMUTANK2-WTMSMUT.pep1 bailz Minimp_GenoppiStats.td ANC_WTMSMUTANK2-WTMSMUT.pep1 bailz Minimp_GenoppiStats.td ANC_WTMSMUTANK2-WTMSMUTAN	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev2019_PercExpMatrix.bt.gz Velmeshev2019_DatAs_S.geExpEnrichment.bt ASD_PPloutpul/ASD_seExpEnrichment.bt ASD_PPloutpul/ASD_seExpEnrichment.bt ASD_PPloutpul/ASD_seExpEnrichment.bt ANC2_WTvsMUTIANK2-WTpep1.bail2_Minimp_GenoppiStats.bt ANK2_WTvsMUTIANK2-WTvspUTpep1.bail2_Minimp_GenoppiStats.bt ANK2_WTvsMUTIANK2-WTvsMUTpep1.bail2_Minimp_GenoppiStats.bt scripts/MAGMAASD_IGF28P_MAGMA_1_GeneAnnot.param Huang2018_IGF28P_MAGMA_2_GeneAnnot.param Huang2018_IGF28PH3_RNAIarqes.bt Ensembl_BioMart_GRCh37_gene.loc IMAGMA_EUR_reference.datal	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev2019_PercExpMatrix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.txl ASD_PPloutput/ASD_scExpEnrichment.txl ASD_PPloutput/ASD_scExpEnrichment.txl ANC_WTYMBUT/ANK2-WTrept bailz Minimp, GenoppiStats.txl ANK2_WTYMBUT/ANK2-WTYMBUT_pert bailz Minimp, GenoppiStats.txl ank2_WTYMBUT/ANK2-WTYMBUT/Pert bailz Minimp, GenoppiStats.txl ank2_WTYMBUT/Pert bailz Minimp, GenoppiStats.txl ank2_WTYMBUT/Per	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Anallysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnallysis.sh	Velmeshev2019_PareExphilarix.kt.gz Velmeshev2019_DataS4.xbs SSD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ANC_WTVsMUTANK2-WT pep1 bait2.Minimp_GenoppiStats.bt ANC_WTVsMUTANK2-WT-pep1 bait2.Minimp_GenoppiStats.bt ANC_WTVsMUTANK2-WT-yep1 bait2.Minimp_GenoppiStats.bt ANC_WTVsMUTANK2-WT-yep1 bait2.Minimp_GenoppiStats.bt SortpishAMCAMASD_IGF2BP_MAGMA_1_GeneAnoppisAsts.bt ExpishMAGMAASD_IGF2BP_MAGMA_1_GeneAnoppisAsts.bt SortpishMAGMAGN_GENGES_Pane_Boole_ (MAGMA_EUR_reference_data) PCCC_GWAS_summary_statistics) (GAMAT_height_GWAS_summary_statistics)	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd)	Fig S9 Fig 3C,D Fig 3C,D Fig S10B Table S7 Table S8
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh	Velmeshev2019_PercExpMatrix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.txl ASD_PPloutput/ASD_scExpEnrichment.txl ASD_PPloutput/ASD_scExpEnrichment.txl ANC_WTYMBUT/ANK2-WTrept bailz Minimp, GenoppiStats.txl ANK2_WTYMBUT/ANK2-WTYMBUT_pert bailz Minimp, GenoppiStats.txl ank2_WTYMBUT/ANK2-WTYMBUT/Pert bailz Minimp, GenoppiStats.txl ank2_WTYMBUT/Pert bailz Minimp, GenoppiStats.txl ank2_WTYMBUT/Per	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.txt	Fig S9 Fig 3C,D Fig S10B Table S7
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Anallysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnallysis.sh	Veimeshev2019_Deabs4.xls ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ANC_WTVSMUTANC-WT-pept bailz Minimp_GenoppiStats.xt ANC_WTVSMUTANC-WT-pept bailz Minimp_GenoppiStats.xt ANC_WTVSMUTANC-WT-pept bailz Minimp_GenoppiStats.xt scriptsMAGMAASD_IGF2EP_MAGNA_1_GeneAnnot param scriptsMAGMAASD_IGF2EP_MAGNA_2_GeneAndotAnalysis.param Huang2018_IGF2EP1-3_RNAtargets.xt Ensembl_BioMart_GRCh37_gene.to (IGAMAT_Lineptit GMAS_summary_statistics) (IGAMAT_Lineptit GMAS_summary_statistics) (IGAMAT_Lineptit GMAS_summary_statistics)	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvskO_Plots.pdf ASD_ANK2_WTvskO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd	Fig S9 Fig SC.D Fig ST0B Table S7 Table S8
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Anallysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnallysis.sh	Velmeshev2019_PercExpMatrix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scDegEnrichment.bt ANC_WTNSHUTANKC-WTup-1 bailz Minimp. GenoppiStats.bt ANC_WTNSHUTANKC-WTV-pat bailz Minimp. GenoppiStats.bt ANC_WTV-sMUTANKC-WTV-pat bailz Minimp. GenoppiStats.bt ANC_SWTV-sMUTANKC-WTV-swMUT-peg1 bailz Minimp. GenoppiStats.bt SortipsIMACMANASD_IGF2RP_MAGMA_1_GeneAnctoparam scripsIMACMANASD_IGF2RP_MAGMA_1_GeneAndSetAnalysis.param Huang2018_IGF2RP1-3_RNAlargets.bt Ensemb_BioMart_GRCh3T_gene.bc (MACMA_EUR_reference_data_) IGGG_GWAS_summary_statistics) Satterstrom202_TableS2_Autosomat.bt ASD_MasterinetactorTable.bt	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets_ASD_genes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASD_genes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASD_genes_OverlapEnrichmentPlot.pdf	Fig S9 Fig SCD Fig SCD Tig SCD Table S7 Table S8 Table S8 Fig 6A.B
•	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Anallysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnallysis.sh	Velmeshev2019_PencExpMarix.kt.gz Velmeshev2019_DataS4.xis ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ANC_WTVSMUTANC-WT-pert bate? Minimp. GenopplStats.txt ANC_WTVSMUTANC-WT-pert bate? Minimp. GenopplStats.txt ANC_WTVSMUTANC-WT-wSMUT-pert bate? Minimp. GenopplStats.txt scripts/MAGMAASD_IGF2BP_MAGMA_1_GeneAnnot.param scripts/MAGMAASD_IGF2BP_MAGMA_2_GeneAnnot.param lang2018_IGF2BP1-3_RNAlargets.txt Ensembl_BioMart_GRCin37_gene.to MAGAGMA_EXT_Reference_datal (PGC_GWAS_summary_statistics) GIGNAT_helpht_GWAS_summary_statistics) Satterstrom2507_TableS2_Autosomat.txt ASD_MasterinteractorTable.txt	ASD_CelTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTVsKO_Plots.pdf ASD_ANK2_WTVsKO_DeltularComponentEnrichment.bd ASD_ANK2_WTVsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF28Ptargets_MagmaResults.bd) ASD_IGF28Ptargets_ASDgenes_OverlapEnrichment.bd ASD_IGF28Ptargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF28Ptargets_ASDgenes_OverlapEnrichment.bd	Fig S9 Fig S1C.D Fig S10B Table S7 Table S8 Table S8 Fig 6A.B Table S8
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r	Velmeshev2019_PercExpMatrix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ANC_WTYMBUT/ANK2-WTrep to bailz Minimp, GenoppiStats.bt ANK2_WTYMBUT/ANK2-WTWANUT_pept_bailz Minimp, GenoppiStats.bt ANK2_WTYMBUT/ANK2-WTWANUT_pept_bailz Minimp, GenoppiStats.bt Company Co	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASD_genes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASD_genes_OverlapEnrichment.pdf ASD_IGF2BPtargets-ASD_genes_OverlapEnrichment.bd ASD_IGF2BPtargets-Nebvorks_OverlapEnrichment.bd ASD_IGF2BPtargets-Nebvorks_OverlapEnrichment.bd	Fig S8 Fig 93.CD Fig 910B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r	Velmeshev2019_PencExpMarix.kt.gz Velmeshev2019_DataS4.xis ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ANC_WTVSMUTANC-WT-pert bate? Minimp. GenopplStats.txt ANC_WTVSMUTANC-WT-pert bate? Minimp. GenopplStats.txt ANC_WTVSMUTANC-WT-wSMUT-pert bate? Minimp. GenopplStats.txt scripts/MAGMAASD_IGF2BP_MAGMA_1_GeneAnnot.param scripts/MAGMAASD_IGF2BP_MAGMA_2_GeneAnnot.param lang2018_IGF2BP1-3_RNAlargets.txt Ensembl_BioMart_GRCin37_gene.to MAGAGMA_EXT_Reference_datal (PGC_GWAS_summary_statistics) GIGNAT_helpht_GWAS_summary_statistics) Satterstrom2507_TableS2_Autosomat.txt ASD_MasterinteractorTable.txt	ASD_CelTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTVsKO_Plots.pdf ASD_ANK2_WTVsKO_DeltularComponentEnrichment.bd ASD_ANK2_WTVsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF28Ptargets_MagmaResults.bd) ASD_IGF28Ptargets_ASDgenes_OverlapEnrichment.bd ASD_IGF28Ptargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF28Ptargets_ASDgenes_OverlapEnrichment.bd	Fig S9 Fig S1C.D Fig S10B Table S7 Table S8 Table S8 Fig 6A.B Table S8
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r	Velmeshev2019_PareExplidatix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ANC_WTNSMUTANK2-WTperp1.bait2.Minimp.GenoppiStats.bt ANC_WTNSMUTANK2-WTperp1.bait2.Minimp.GenoppiStats.bt ANC_WTNSMUTANK2-WTperp1.bait2.Minimp.GenoppiStats.bt ANC_WTNSMUTANK2-WTperp1.bait2.Minimp.GenoppiStats.bt ANC_WTNSMUTANK2-WTperp1.bait2.Minimp.GenoppiStats.bt ANC_WTNSMUTANK2-WTperp1.bait2.Minimp.GenoppiStats.bt ExcipisMAGMAASD_IGF2BP_MAGMA_1_GeneAnotparam scripisMAGMAASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.param Huang2018_IGF2BP1-3_RNAtargets.bt Ensembl_BioMac_UR_reference_datala IPCG_GWAS_summany_statistics) (GIANT_height_GWAS_summany_statistics) GIANT_height_GWAS_summany_statistics) GIANT_height_GWAS_summany_statistics ASD_MasterintencolorTable.bt Huang2018_IGF2BP1-3_RNAtargets.bt ASD_IGF2BP1-12_RNAtargets.bt ASD_IGF2BP1-12_RNAtargets.bt	ASD_GC2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt	Fig S9 Fig 3C,D Fig 3C,D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A,B Table S8 Fig 6C Table S9
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r	Velmeshev2019_PencExplidarix.bt.gz Velmeshev2019_DataS4.xls ASD_PPloutput/ASD_scExpEndchment.txl ASD_PPloutput/ASD_scExpEndchment.txl ASD_PPloutput/ASD_scExpEndchment.txl ASD_PPloutput/ASD_scExpEndchment.txl ANC_WTVSMUTANKC-WTVpept bailz Minimp.GenoppiStats.txl ANCZ_WTVSMUTANKC-WTVpept bailz Minimp.GenoppiStats.txl ANCZ_WTVSMUTANKC-WTVPMUTpept bailz Minimp.GenoppiStats.txl scriptsMAGMAASD_IGF2BP_MAGMA_1_GeneAmnot param scriptsMAGMAASD_IGF2BP_MAGMA_2_GeneAndcetAnalysis.param Huang2018_IGF2BP-13_RNAtargets_txl Huang2018_IGF2BP-13_RNAtargets_txl Ensembl_BioMart_GRCh37_gene.toc (IGAMT_Height_GWAS_summary_statistics) (IGAMT_Height_GWAS_summary_statistics) (IGAMT_Height_GWAS_summary_statistics) ASD_MasternitenactorTable_txl Huang2018_IGF2BP-13_RNAtargets_txl ASD_JGF2BPlargets_MagmaResults_txl Sutterstorm2020_TableS2_Autosomat.txl ASD_MasternitenactorTable_txl ASD_IGF2BPlargets_MagmaResults_txl Sutterstorm2020_TableS2_Autosomat.txl	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Elots.pdf ASD_ANK2_WTvsKO_Elots.pdf ASD_Elots.pdf ASD_Elots.pdf ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 510B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6C. Table S9 Fig 511A.B
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r	Veimeshev2019_PercExpMatrix.bt.gz Veimeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ANC_WTN-MUTANK2-WT-per 1 bait2 Minimp. GenoppiStats.bt ANC_WTN-MUTANK2-MUT_per 1 bait2 Minimp. GenoppiStats.bt ANC_WTN-MUTANK2-	ASD_GC2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-ASDgenes_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt ASD_IGF2BPlargets-Networks_OverlapEnrichment.bt	Fig S9 Fig 3C,D Fig 3C,D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A,B Table S8 Fig 6C Table S9
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r	Veimeshev2019_PeneExpilatrix.kt.gz Veimeshev2019_DataS4.xts ASD_PPiloupuiASD_scExpEnrichment.xt ASD_PPiloupuiASD_scExpEnrichment.xt ASD_PPiloupuiASD_scExpEnrichment.xt ASD_PPiloupuiASD_scExpEnrichment.xt ANC_WTVMUTANCX-WTV perp 1 bailz Minimp. GenoppiStats.txt ANC_WTVMUTANCX-WTV perp 1 bailz Minimp. GenoppiStats.txt ANC_WTVMUTANCX-WTVMUT-perp 1 bailz Minimp. GenoppiStats.txt scripts/MAGMAASD_IGF2BP_MAGMA_1_GeneAnnot.param scripts/MAGMAASD_IGF2BP_MAGMA_2_GeneAnnot.param scripts/MAGMAASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.param Huang2018_IGF2BP1-3_RNAlargets.txt Ensembl_BioMart_GRCin37_gene.to (MAGMAE_RIC Reference datia) IPGC_GWAS_summary_statistics) Satterstrom2020_TableS2_Autosomat.txt ASD_MasterinteractorTable_xt ASD_MasterinteractorTable_vt ASD_IGF2BParges_Magmarkseutls.txt Satterstrom2022_TableS2_Autosomat.txt Kaplanis2020_TableS2_txt	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Elots.pdf ASD_ANK2_WTvsKO_Elots.pdf ASD_Elots.pdf ASD_Elots.pdf ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 510B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6C. Table S9 Fig 511A.B
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r	Veimeshev2019_PercExpMatrix.bt.gz Veimeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ASD_PPloutput/ASD_scExpEnrichment.bt ANC_WTN-MUTANK2-WT-per 1 bait2 Minimp. GenoppiStats.bt ANC_WTN-MUTANK2-MUT_per 1 bait2 Minimp. GenoppiStats.bt ANC_WTN-MUTANK2-	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Elots.pdf ASD_ANK2_WTvsKO_Elots.pdf ASD_Elots.pdf ASD_Elots.pdf ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 510B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6C. Table S9 Fig 511A.B
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsiKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r	Velmeshev2019_PercExpMatrix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutput/ASD_scExpEnrichment.txl ASD_PPloutput/ASD_scExpEnrichment.txl ASD_PPloutput/ASD_scExpEnrichment.txl ASD_PPloutput/ASD_scExpEnrichment.txl ANC_WTYMBUTANK2-WTrept bailz Minimp, GenoppiStats.txl ANC_WTYMBUTANK2-WTrept bailz Minimp, GenoppiStats.txl ANC2_WTVMBUTANK2-WTWMUT.pept bailz Minimp, GenoppiStats.txl arxic_wTVMBUTANK2-WTWMUT.pept bailz Minimp, GenoppiStats.txl arxic_wTWMBUTANK2-WTWMUT.pept bailz Minimp, GenoppiStats.txl arxicptsMAGMAASD_IGF2BP_MAGNA_1_GeneAnnot param scriptsMAGMAASD_IGF2BP_AMGNA_2_GeneAndSetAnalysis.param Huang2018_IGF2BP1-3.RNAlargest.txl Ensembl_BioMart_GRCh37_gene.loc IMAGMA_EUR_reference datas (GIAMT_height_GWAS_summany_statistics) Satterstrom0202_TableS2_Autosomal.txl ASD_IGF2BP1-3.RNAlargest.txl Satterstrom0202_TableS2_Autosomal.txl Satterstrom0202_TableS2_Autosomal.txl Satterstrom0202_TableS2_Autosomal.txl Satterstrom0202_TableS2_Autosomal.txl Satterstrom0202_TableS2_Autosomal.txl Satterstrom0202_TableS2_Datosomal.txl	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_IGF2BPtargets_MagmaResults.txt) ASD_IGF2BPtargets_ASD_genes_OverlapEnrichment.txt ASD_IGF2BPtargets_ASD_genes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_ASD_genes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_NewTooks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_NewTooks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment_txt ASD_IGF2BPtargets_NewTooks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment_txt ASD_RareVariantEnrichment_txt_NewTooks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment_txt_NewTooks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment_txt_NewTooks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment_BarPlots.pdf	Fig S9 Fig 3C.D Fig 510B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6C. Table S9 Fig 511A.B
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh	Veimeshev2019_PereExpilatrix.kt.gz Veimeshev2019_DatsS4.xis ASD_PPloupul/ASD_scExpEnrichment.xt ASD_PPloupul/ASD_scExpEnrichment.xt ASD_PPloupul/ASD_scExpEnrichment.xt ASD_PPloupul/ASD_scExpEnrichment.xt ANC_WTVMUTANCAWTyper1 bailz Minimp. GenoppiStats.txt ANC_WTVMUTANCAWTyper1 bailz Minimp. GenoppiStats.txt ANC_WTVMUTANCAWTymUTAPCE_bailz Minimp. GenoppiStats.txt scripsInAGCMAASD_IGF2BP_MAGMA_1_GeneAnnot.param scriptsInAGCMAASD_IGF2BP_MAGMA_2_CeneAnnot.param scriptsInAGCMAASD_IGF2BP_MAGMA_2_CeneAndSetAnalysis.param Huang2018_IGF2BP1-3_RNAlargets.txt Ensembl_BioMart_GRCin37_gene.to MAGAGMA_EXPERIENCE_SCENTIMENT_SET_SET_SET_SET_SET_SET_SET_SET_SET_SE	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S8 Fig 93.CD Fig 510B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig 15 AB Table S8 Fig 15 AB Table S8 Fig 15 AB Table S9 Fig 17 AB Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Veimenbev2019_Deab64.xis ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_ARC_WTVSMUTANK2-WTpep1 bailz Minimp_GenoppiStats.xt ANK2_WTVSMUTANK2-WTVSMUT.pep1 bailz Minimp_GenoppiStats.xt ANK2_WTVSMUTANK2-WTVSMUT.pep1 bailz Minimp_GenoppiStats.xt scriptsMAGMAASD_IGF2BP_MAGMA_1_GeneAnnot param scriptsMAGMAASD_IGF2BP_MAGMA_2_GeneAndotAvalysis.param Hanag0218_IGF2BP_ASPARIAraptes.xd Ensembl_BioMart_GRCh37_gene.loc (IdAAMS_EURFENSEMS_ASSMUTANT) IGACMAG_EURFENSEMS_ASSMUTANT ASD_MASSMUTANT ASD_COMMAND A	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig Fig 5TAB Fig 57A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Velmeshev2019_PareExplidatrix.bt.gz Velmeshev2019_DataS4.xis ASD_PPloutpul/ASD_scExpEnrichment.bt ASD_PPloutpul/ASD_scExpEnrichment.bt ASD_PPloutpul/ASD_scExpEnrichment.bt ASD_ASD_ASD_ASD_ScExpEnrichment.bt ANC_WTMSHUTANKC-WTM_PareJ bailz Minimp. GenoppiStats.bt ANC_WTMSHUTANKC-WTM_PareJ bailz Minimp. GenoppiStats.bt ANC_WTMSHUTANKC-WTM_PareJ bailz Minimp. GenoppiStats.bt ANC_WTMSHUTANKC-WTMSHUT_perJ bailz Minimp. GenoppiStats.bt ANC_WTMSHUTANKC-WTMSHUTMSHUTMSHUTMSHUTMSHUTMSHUTMSHUTMSHU	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig Fig 5TABL Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pU score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Veimenbev2019_Deab64.xis ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_PPFloutput/ASD_scDegEnrichment.xt ASD_ARC_WTVSMUTANK2-WTpep1 bailz Minimp_GenoppiStats.xt ANK2_WTVSMUTANK2-WTVSMUT.pep1 bailz Minimp_GenoppiStats.xt ANK2_WTVSMUTANK2-WTVSMUT.pep1 bailz Minimp_GenoppiStats.xt scriptsMAGMAASD_IGF2BP_MAGMA_1_GeneAnnot param scriptsMAGMAASD_IGF2BP_MAGMA_2_GeneAndotAvalysis.param Hanag0218_IGF2BP_ASPARIAraptes.xd Ensembl_BioMart_GRCh37_gene.loc (IdAAMS_EURFENSEMS_ASSMUTANT) IGACMAG_EURFENSEMS_ASSMUTANT ASD_MASSMUTANT ASD_COMMAND A	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig Fig 5TABL Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pU score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Veimeshev2019_DebS4 xis ASD_PPloutpulASD_scExpEnrichment.xt ASD_PPloutpulASD_scExpEnrichment.xt ASD_PPloutpulASD_scExpEnrichment.xt ASD_PPloutpulASD_scExpEnrichment.xt ASD_PPloutpulASD_scExpEnrichment.xt ANC_WTVMUTANC-WTwep1 bailz Minimp. GenopplStats.txt ANC_WTVMUTANC-WTwep1 bailz Minimp. GenopplStats.txt ANC_WTVMUTANC-WTwep1 bailz Minimp. GenopplStats.txt scripts/MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnotparam scripts/MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnotparam scripts/MAGMA/ASD_IGF2BP_MAGMA_2_GeneAnnotparam langa01s_IGF2BP-3_RANatapsts.txt Ensemb_BioMart_GRCh37_gene.to (MAGMAGMA_EX_REFERROR_dBIA)_GENEARS_GEN	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig Fig 5TABL Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pU score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Velmeshev2019_DataS4.xls ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ANC_WTYMSUTANC-WTymp1 bailz Minimp, GenoppiStats.txl ANC_WTYMSUTANC-WTymp1 bailz Minimp, GenoppiStats.txl ANC_WTYMSUTANC-WTymSUT_perp1 bailz Minimp, GenoppiStats.txl ANC_WTYMSUTANC-WTYMSUTA	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig Fig 5TABL Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pU score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Veimeshev2019_Dea54 xis ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ANC_WTYMMUTANK2-WTymep1 bailz Minimp_GenoppiStats.txl ANK2_WTYMMUTANK2-WTymep1 bailz Minimp_GenoppiStats.txl ANK2_WTYMMUTANK2-WTymW1D_pep1 bailz Minimp_GenoppiStats.txl scriptsMAGMAASD_IGF28P_MAGMA_1_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAGMASD_IGF28P_MAGMA_2_GeneAnnot.param IGRAGMAE_REFREENERS_GENOPPLANTON_SCRIPTSMAGMAGMAE_REFREENERS_GENOPPLANTON_SCRIPTSMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGM	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S9 Fig 3C.D Fig 5TOB Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig Fig 5TABL Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Velmeshev2019_DataS4.xls ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ASD_PPloutpulASD_scExpEnrichment.txl ANC_WTYMSUTANC-WTymp1 bailz Minimp, GenoppiStats.txl ANC_WTYMSUTANC-WTymp1 bailz Minimp, GenoppiStats.txl ANC_WTYMSUTANC-WTymSUT_perp1 bailz Minimp, GenoppiStats.txl ANC_WTYMSUTANC-WTYMSUTA	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S8 Fig 93.CD Fig 510B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig 15 AB Table S8 Fig 15 AB Table S8 Fig 15 AB Table S9 Fig 17 AB Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Conditional.sh	Veimeshev2019_Dea54 xis ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ASD_PPloupuWASD_scExpEnrichment.txl ANC_WTYMMUTANK2-WTymep1 bailz Minimp_GenoppiStats.txl ANK2_WTYMMUTANK2-WTymep1 bailz Minimp_GenoppiStats.txl ANK2_WTYMMUTANK2-WTymW1D_pep1 bailz Minimp_GenoppiStats.txl scriptsMAGMAASD_IGF28P_MAGMA_1_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAASD_IGF28P_MAGMA_2_GeneAnnot.param scriptsMAGMAGMASD_IGF28P_MAGMA_2_GeneAnnot.param IGRAGMAE_REFREENERS_GENOPPLANTON_SCRIPTSMAGMAGMAE_REFREENERS_GENOPPLANTON_SCRIPTSMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGMAGM	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (merged/reformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_IGF2BPtargets-Networks_OverlapEnrichment.bd ASD_RareVariantEnrichment.bd ASD_RareVariantEnrichment.bd	Fig S8 Fig 93.CD Fig 510B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6A.B Table S8 Fig 15 AB Table S8 Fig 15 AB Table S8 Fig 15 AB Table S9 Fig 17 AB Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_2_GeneAndSetAnalysis.sh	Velmeshev2019_PerGExpRidrix.kt.gz Velmeshev2019_DasSa.kts ASD_PPVoutpul/ASD_scExpEnrichment.kt ASD_PPVoutpul/ASD_scExpEnrichment.kt ASD_PPVoutpul/ASD_scExpEnrichment.kt ASD_PPVoutpul/ASD_scDepEnrichment.kt ANC_WTVMUTANC-AUTPULPED_IzeIX_Mininp_GenoppiStats.kt ANC_WTVMUTANC-AUTPULPED_IzeIX_Mininp_GenoppiStats.kt ANC_WTVMUTANC-AUTPULPED_IzeIX_Mininp_GenoppiStats.kt ScripsIMAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot param scriptsIMAGMA/ASD_IGF2BP_MAGMA_2_CeneAndSetAnalysis.param Huang2018_IGF2BP1-3_RNAtangsts.kt Ensembl_BioMart_GRCin37_gene.loc MAGAMA_EXT_REFERENCE_AUTPULPED_IZEIX_MININP_ENT_AUTPULP_ENT_AUTPULP_ENT_AUTPU	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (mergedireformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bt ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_Networks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_Networks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_Networks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment.bt ASD_RareVariantEnrichment.bt ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf (merged/reformatted: ASD_PPI/data/ASD_MagmaResults.bd)	Fig S9 Fig S0.D Fig S10B Table S7 Table S8 Table S8 Fig 6AB Table S8 Fig 6C Table S8 Fig 17A Table S8 Fig 17A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis Common variant enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_2_GeneAndSetAnalysis.sh ASD_plotMagmaResults.r	Veimeshev2019_DebS4 xis ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ASD_PPloutputASD_scExpEnrichment.xt ANC_WTVSMUTANCE-WTVSPQT bailz Minimp. GenoppiStats.xt ANC_WTVSMUTANCE-WTVSQT perb bailz Minimp. GenoppiStats.xt ANC_WTVSMUTANCE-WTVSQT perb bailz Minimp. GenoppiStats.xt scriptsMAGMAASD_IGF2BP_MAGMA_1_GeneAnrot param scriptsMAGMAASD_IGF2BP_MAGMA_1_GeneAnrot param lang2018_IGF2BP1-3_RNAISPEST_XT Ensembl_BioMart_GRCh37_gene.to (IGMAT_Height GWAS_summany statistics) GIGANT_Height GWAS_summany statistics) Satterstrom2020_TableS2_Autocomat.tx ASD_MasterintenactorTable.xt ASD_MasterintenactorTable_values.xt ASD_MasterintenactorTable_wthinWeb.xt ASD_MasterintenactorTable_wthinWeb.xt ASD_MasterintenactorTable_wthinWeb.xt ASD_MasterintenactorTable_wthinWeb.xt ASD_MasterintenactorTable_wthinWeb.xt ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_PPlorepriptMAGMAASD_MAGMA_Conditional_param ASD_MasterintenactorTable_wthinWeb.xt Ensembl_BioMart_GRCh37_gene_loc (IMACMA_EUR reference_data) (IGMAT_Height_GWAS_summany_statistics)	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf (mergedireformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-Networks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-Networks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment.bdf ASD_RareVariantEnrichment.bdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_MagmaResults_FacetHeatMap.pdf	Fig S9 Fig S0.D Fig S10B Table S7 Table S8 Table S8 Fig AB Table S8 Fig GAB Table S9 Fig S11AB Fig 7A Table S9
Analysis of IGF2BP1-3 targets	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF28P_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF28P_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF28P1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_2_GeneAndSetAnalysis.sh	Velmeshev2019_Drat54 xis ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_CellularComponentEnrichment.bd (mergedireformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets_ASDgenes_OverlapEnrichment.bt ASD_IGF2BPtargets_ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_Networks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_Networks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets_Networks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment.bt ASD_RareVariantEnrichment.bt ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf (merged/reformatted: ASD_PPI/data/ASD_MagmaResults.bd)	Fig S9 Fig SC,D Fig S10B Table S7 Table S8 Table S8 Fig 6AB Table S8 Fig 6AB Table S8 Fig 6C Table S9 Fig 51AB Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis Common variant enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_2_GeneAndSetAnalysis.sh ASD_plotMagmaResults.r	Velmeshev2019_DebS4 xis ASD_PPloupulASD_scExpEnrichment.xt ASD_PPloupulASD_scExpEnrichment.xt ASD_PPloupulASD_scExpEnrichment.xt ASD_PPloupulASD_scExpEnrichment.xt ASD_PPloupulASD_scExpEnrichment.xt ASD_PPloupulASD_scExpEnrichment.xt ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf (mergedireformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-Networks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-Networks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment.bdf ASD_RareVariantEnrichment.bdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_MagmaResults_FacetHeatMap.pdf	Fig S9 Fig S0.D Fig S10.D Fig S10B Table S7 Table S8 Table S8 Fig 6A.B Table S8 Fig 6C. Table S8 Fig 9TA.B Table S9 Fig 511A.B Fig 7A
Analysis of IGF2BP1-3 targets Rare variant and pLI score enrichment analysis Common variant enrichment analysis	ASD_plotCellTypeEnrichment.r ASD_ANK2_WTvsKO_Analysis.r MAGMA/ASD_IGF2BP_MAGMA_1_GeneAnnot.sh MAGMA/ASD_IGF2BP_MAGMA_2_GeneAndSetAnalysis.sh ASD_IGF2BP1-3_Analysis.r ASD_RareVariantAnalysis.r MAGMA/ASD_MAGMA_Conditional.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_1_GeneAnnot.sh MAGMA/ASD_MAGMA_Global_2_GeneAndSetAnalysis.sh ASD_plotMagmaResults.r	Velmeshev2019_Drat54 xis ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_PPloutpul/ASD_scExpEnrichment.txl ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_ASD_	ASD_CellTypeEnrichment_SingleBarPlots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf ASD_ANK2_WTvsKO_Plots.pdf (mergedireformatted: ASD_PPI/data/ASD_IGF2BPtargets_MagmaResults.bd) ASD_IGF2BPtargets-ASDgenes_OverlapEnrichment.bd ASD_IGF2BPtargets-ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-ASDgenes_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-Networks_OverlapEnrichmentPlot.pdf ASD_IGF2BPtargets-Networks_OverlapEnrichmentPlot.pdf ASD_RareVariantEnrichment.bdf ASD_RareVariantEnrichment.bdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_RareVariantEnrichment_BarPlots.pdf ASD_MagmaResults_FacetHeatMap.pdf	Fig S9 Fig S0.D Fig S10B Table S7 Table S8 Table S8 Fig AB Table S8 Fig GAB Table S9 Fig S11AB Fig 7A Table S9