Supplementary Information
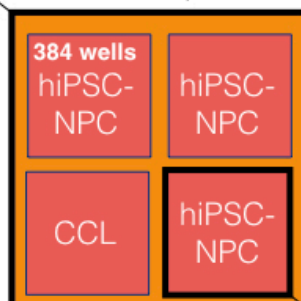
Expression-based drug screening of neural progenitor cells from individuals with schizophrenia

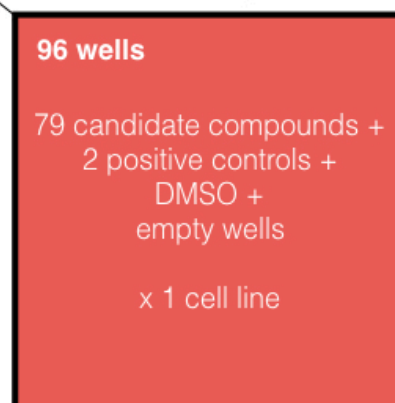Readhead et al

Supplementary Figure 1. Schematic of tissue culture and L1000 plate design for two phases of drug screening experiments.
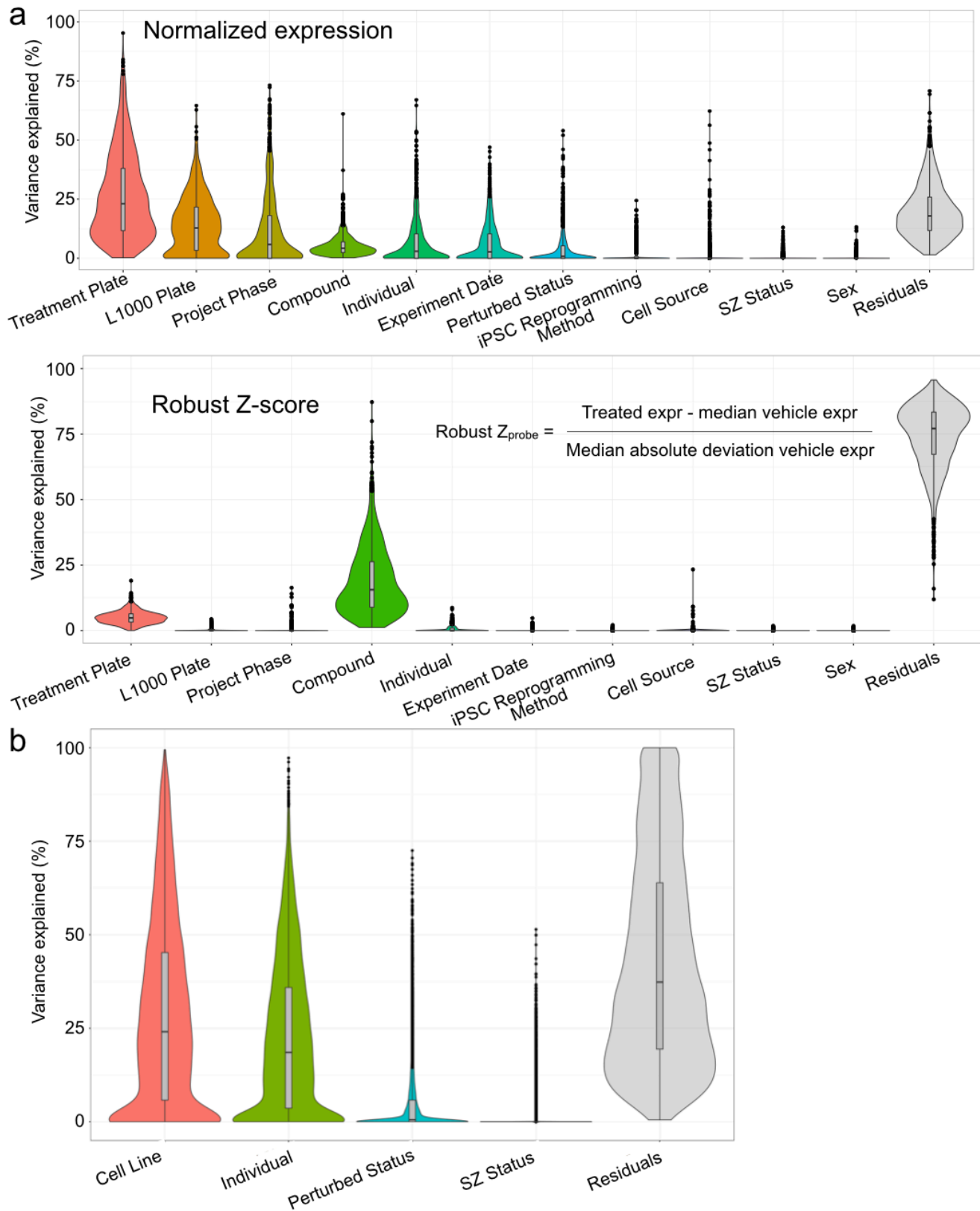
Supplementary Figure 2. Variance partition of L1000 and RNA-seq transcriptomic data. (a) Variance partition of L1000 transcriptomic data before (top, normalized gene expression) and after

(bottom, robust Z-score) normalization by comparison with isogenic within-plate DMSO experiments. (b) Variance partition RNA-seq transcriptomic data before conversion to isogenic comparisons.
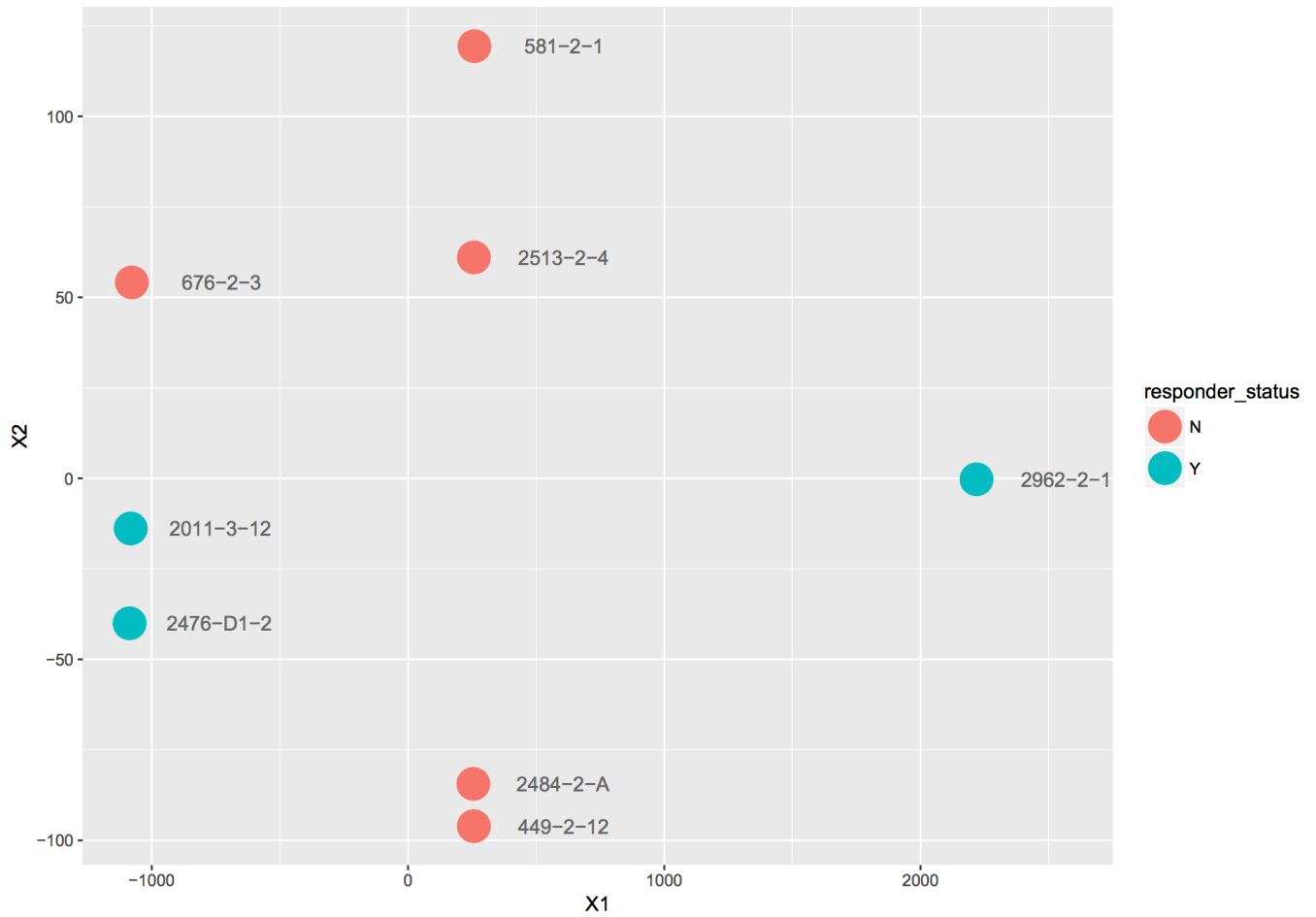
Supplementary Figure 3. Clozapine induced gene expression among hiPSC NPCs derived from individuals with childhood onset schizophrenia.

Multidimensional scaling plot of clozapine induced gene expression changes, stratified according to known clozapine response.

a Frequently perturbed CCL genes

	Probe	Type	Symbol	Name	# Drugs
Up	207546_at	INF	ATP4B	ATPase, H+/K+ exchanging, beta polypeptide	15
	37028_at	INF	PPP1R15	protein phosphatase 1, regulatory subunit 15A	12
	202679_at	LM	NPC1	Niemann-Pick disease, type C1	12
	204420_at	LM	FOSL1	FOS-like antigen 1	12
	213112_s_at	INF	SQSTM1	sequestosome 1	12
	206513_at	INF	AIM2	absent in melanoma 2	12
	205991_s_at	INF	PRRX1	paired related homeobox 1	11
	201466_s_at	LM	JUN	jun proto-oncogene	11
	206461_x_at	INF	MT1H	metallothionein 1H	11
	202672_s_at	INF	ATF3	activating transcription factor 3	11
	205281_s_at	INF	PIGA	phosphatidylinositol glycan anchor biosynthesis, class A	11
	203455_s_at	INF	SAT1	spermidine/spermine N1-acetyltransferase 1	11
	205791_x_at	INF	ZNF230	zinc finger protein 230	11
	209383_at	INF	DDIT3	DNA-damage-inducible transcript 3	11
	201693_s_at	LM	EGR1	early growth response 1	10
Down	218755_at	LM	KIF20A	kinesin family member 20A	11
	213599_at	INF	OIP5	Opa interacting protein 5	11
	201555_at	LM	MCM3	minichromosome maintenance complex component 3	11
	201051_at	INF	ANP32A	acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	11
	203188_at	LM	B3GNT1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	9
	202534_x_at	INF	DHFR	dihydrofolate reductase	9
	212320_at	INF	TUBB	tubulin, beta class I	9
	201609_x_at	INF	ICMT	isoprenylcysteine carboxyl methyltransferase	9
	203871_at	INF	SENP3	SUMO1/sentrin/SMT3 specific peptidase 3	9
	200768_s_at	LM	MAT2A	methionine adenosyltransferase II, alpha	9
	201890_at	INF	RRM2	ribonucleotide reductase M2	9
	211784_s_at	INF	SRSF1	serine/arginine-rich splicing factor 1	9
	202330_s_at	INF	UNG	uracil-DNA glycosylase	9
	202705_at	LM	CCNB2	cyclin B2	9
	201774_s_at	LM	NCAPD2	non-SMC condensin I complex, subunit D2	9

D Frequently perturbed hiPSC NPC genes

	Probe	Type	Symbol	Name	# Drugs
Up	202431_s_at	LM	MYC	v-myc avian myelocytomatosis viral oncogene homolog	12
	201693_s_at	LM	EGR1	early growth response 1	11
	37028_at	INF	PPP1R1	protein phosphatase 1, regulatory subunit 15A	11
	201466_s_at	LM	JUN	jun proto-oncogene	11
	202672_s_at	INF	ATF3	activating transcription factor 3	11
	202130_at	INF	RIOK3	RIO kinase 3	11
	202081_at	INF	IER2	immediate early response 2	11
	201536_at	LM	DUSP3	dual specificity phosphatase 3	10
	205249_at	INF	EGR2	early growth response 2	10
	202768_at	INF	FOSB	FBJ murine osteosarcoma viral oncogene homolog B	10
	202340_x_at	INF	NR4A1	nuclear receptor subfamily 4, group A, member 1	10
	202627_s_at	LM	SERPIN	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor	10
	201531_at	LM	ZFP36	ZFP36 ring finger protein	10
	204420_at	LM	FOSL1	FOS-like antigen 1	10
	212614_at	LM	ARID5B	AT rich interactive domain 5B (MRF1-like)	10
Down	202954_at	LM	UBE2C	ubiquitin-conjugating enzyme E2C	12
	203276_at	INF	LMNB1	lamin B1	11
	201051_at	INF	ANP32A	acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	11
	202743_at	LM	PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	11
	206102_at	INF	GINS1	GINS complex subunit 1 (Psf1 homolog)	11
	209172_s_at	INF	CENPF	centromere protein F, 350/400kDa	11
	210950_s_at	INF	FDFT1	farnesyl-diphosphate farnesyltransferase 1	10
	202580_x_at	INF	FOXM1	forkhead box M1	10
	212126_at	INF	CBX5	chromobox homolog 5	10
	202540_s_at	LM	HMGCR	3-hydroxy-3-methylglutaryl-CoA reductase	10
	201555_at	LM	MCM3	minichromosome maintenance complex component 3	10
	209218_at	INF	SQLE	squalene epoxidase	10
	213599_at	INF	OIP5	Opa interacting protein 5	9
	201791_s_at	INF	DHCR7	7-dehydrocholesterol reductase	9
	202534_x_at	INF	DHFR	dihydrofolate reductase	9

c Frequently perturbed CCL gene sets
Hallmark gene set enrichments

	Gene Set	FDR	Fold Change
Up	TNFA SIGNALING VIA NFKB	1.01E-48	7.81
	HYPOXIA	1.33E-08	3.39
	P53 PATHWAY	1.42E-07	3.24
	APOPTOSIS	1.54E-05	3.09
	CHOLESTEROL HOMEOSTASIS	8.95E-04	3.46
	MTORC1 SIGNALING	3.96E-03	2.05
	UV RESPONSE DN	7.24E-03	2.55
	INFLAMMATORY RESPONSE	1.42E-02	2.25
	UV RESPONSE UP	2.73E-02	2.07
	TGF BETA SIGNALING	3.69E-02	3.27
Down	E2F TARGETS	7.28E-34	9.33
	G2M CHECKPOINT	5.54E-21	6.87
	MTORC1 SIGNALING	1.35E-09	4.54
	MYC TARGETS V1	1.08E-08	4.54
	MITOTIC SPINDLE	3.11E-06	3.83
	CHOLESTEROL HOMEOSTASIS	8.95E-04	4.68
	UNFOLDED PROTEIN RESPONSE	2.77E-03	3.52
	ESTROGEN RESPONSE LATE	4.24E-03	2.84
	GLYCOLYSIS	1.27E-02	2.84
	PEROXISOME	1.28E-02	3.83

d Frequently perturbed hiPSC NPC gene sets
Hallmark gene set enrichments

	Gene Set	FDR	Fold Change
Up	TNFA SIGNALING VIA NFKB	1.4E-23	4.86
	HYPOXIA	2.8E-07	2.88
	APOPTOSIS	7.4E-05	2.63
	UNFOLDED PROTEIN RESPONSE	1.7E-03	2.63
	MTORC1 SIGNALING	3.2E-03	1.99
	UV RESPONSE UP	5.6E-03	2.28
	P53 PATHWAY	8.8E-03	1.98
	UV RESPONSE DN	5.1E-02	1.94
	ANDROGEN RESPONSE	5.3E-02	2.09
	TGF BETA SIGNALING	8.5E-02	2.47
Down	E2F TARGETS	1.6E-49	9.69
	G2M CHECKPOINT	7.6E-34	7.58
	MTORC1 SIGNALING	1.7E-13	4.72
	CHOLESTEROL HOMEOSTASIS	1.9E-11	8.25
	MITOTIC SPINDLE	7.0E-09	3.98
	MYC TARGETS V1	8.6E-08	3.64
	MYC TARGETS V2	3.2E-06	6.05
	ESTROGEN RESPONSE LATE	2.2E-03	2.67
	FATTY ACID METABOLISM	4.5E-03	2.97
	ANDROGEN RESPONSE	3.3E-02	2.61

Supplementary Figure 4. Drug-induced probes and genes in CCLs and hiPSC NPCs.
(a-b) Table of top 15 most frequently up- and down-regulated genes (absolute difference in robust Z-score ≥ 2) in CCLs (a) and hiPSC NPCs (b) across all drug-treatment conditions. (c-d) Biological pathways associated with gene sets that are frequently perturbed (>= 5 drugs) in CCLs (c) and hiPSC NPCs (d). Highlighted in bold are those pathways frequently perturbed in hiPSC NPCs but not CCLs.

a

Chemogenomic Type	Feature	SZ-set drugs	FDR	Drugs in overlap	Fold Change
Drug Targets	ADRA2A	SZ DE genes (UP)	7.8E-02	Amoxapine, clozapine, risperidone, trazodone, Ziprasidone	4.44
	HTR2C		7.8E-02		4.44
	ADRA1A		7.8E-02		4.00
	HTR1A		7.8E-02		4.00
	HRH1		8.8E-02		3.64
	HTR2A		8.8E-02		3.64
Drug Class ATC	Other antipsychotics	Red SZ Network	7.2E-02	aripiprazole, iloperidone, risperidone	4.94
Drug Targets	ADRA2A	Targets of miR-137 (UP)	1.9E-02	Amoxapine, clozapine, risperidone, trazodone	7.90
	HTR2C		1.9E-02		7.90
	ADRA1A		1.9E-02		7.11
	HTR1A		1.9E-02		7.11
	HRH1		1.9E-02		6.46
	HTR2A		1.9E-02		6.46
	ADRA1B		6.7E-02	Amoxapine, clozapine, risperidone	6.67
	ADRA2B		6.7E-02		6.67
	ADRA2C		7.4E-02		5.93
	DRD4		7.4E-02		5.93
	DRD1		8.8E-02		5.33
	DRD3		8.8E-02		5.33
	SLC6A4		7.4E-02	Amoxapine, trazodone	11.85
	HTR1D		8.3E-02	Estriol, Naloxone HCl, Nogestrel	8.89

b

Chemogenomic Type	Feature	SZ-set drugs	FDR	Drugs in overlap	Fold Change
Drug Targets	DRD1	Syn-509 (UP)	1.7E-02	Aripiprazole, haloperidol, iloperidone, risperidone	7.11
	DRD3		1.7E-02		7.11
	DRD2		1.9E-02		6.46
	HTR2A		6.2E-03	Aripiprazole, haloperidol, iloperidone, risperidone, trazodone	8.08
ATC (4)	Other antipsychotics		1.5E-02	Aripiprazole, iloperidone, risperidone	8.09
	ADRA2C		8.0E-02		5.93
	DRD4		8.0E-02		5.93
Drug Targets	ADRA1A	Syn-187 (UP)	1.7E-02	Aripiprazole, iloperidone, risperidone, trazodone	7.11
	HTR1A		1.7E-02		7.11
	HRH1		1.9E-02		6.46
	ADRA2A		8.0E-02	Aripiprazole, risperidone, trazodone	5.93
	HTR2C		8.0E-02		5.93
	DRD1		2.8E-02	Aripiprazole, haloperidol, iloperidone, risperidone	6.40
	DRD3		2.8E-02		6.40
	DRD2		3.0E-02		5.82
	HTR2A		1.2E-02	Aripiprazole, haloperidol, iloperidone, risperidone, trazodone	7.27
ATC (4)	Other antipsychotics		7.4E-03	Aripiprazole, iloperidone, risperidone	9.89
Drug Targets	ADRA1A		2.8E-02	Aripiprazole, iloperidone, risperidone, trazodone	6.40
	HTR1A		2.8E-02		6.40
	HRH1		3.0E-02		5.82
Side-effect	Mental disorder	Syn-39 (UP)	9.0E-02	Aripiprazole, haloperidol, iloperidone, naltrexone HCl, potassium estrone sulfate, risperidone, sorafenib, vigabatrin	2.65
ATC (4)	Other antipsychotics		1.9E-02	Aripiprazole, iloperidone, risperidone	7.42

Supplementary Figure 5. Drug-induced chemogenic analysis in CCLs and hiPSC NPCs.
(a-b) Chemogenic features that differ by cell type (a) or diagnosis (b), expanded from **Figure 4e and 5e**.
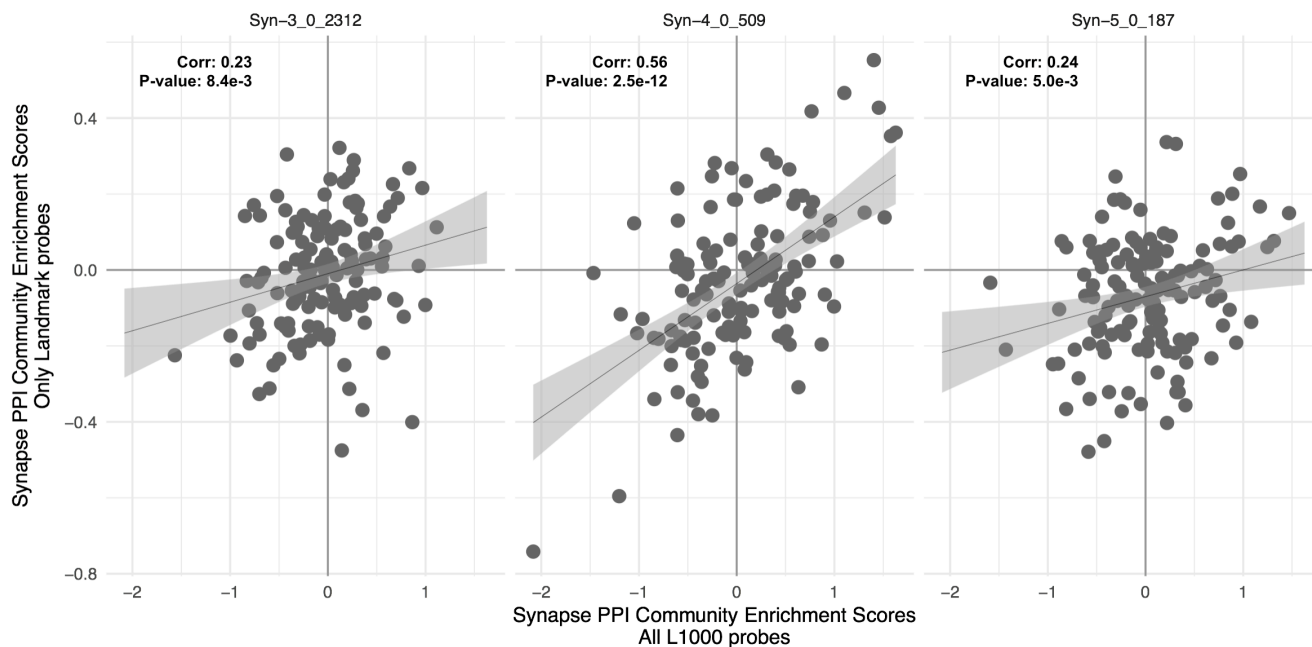
Supplementary Figure 6. Concordance of Synapse PPI Enrichment Scores between all L1000 probes and landmark probes only.

Summary of Synapse PPI Community enrichments for all drugs, calculated using all L1000 probes, compared with enrichment scores generated using only 978 landmark probes. Pearson correlation of enrichment t-statistics for all drugs assayed within the study, are shown.
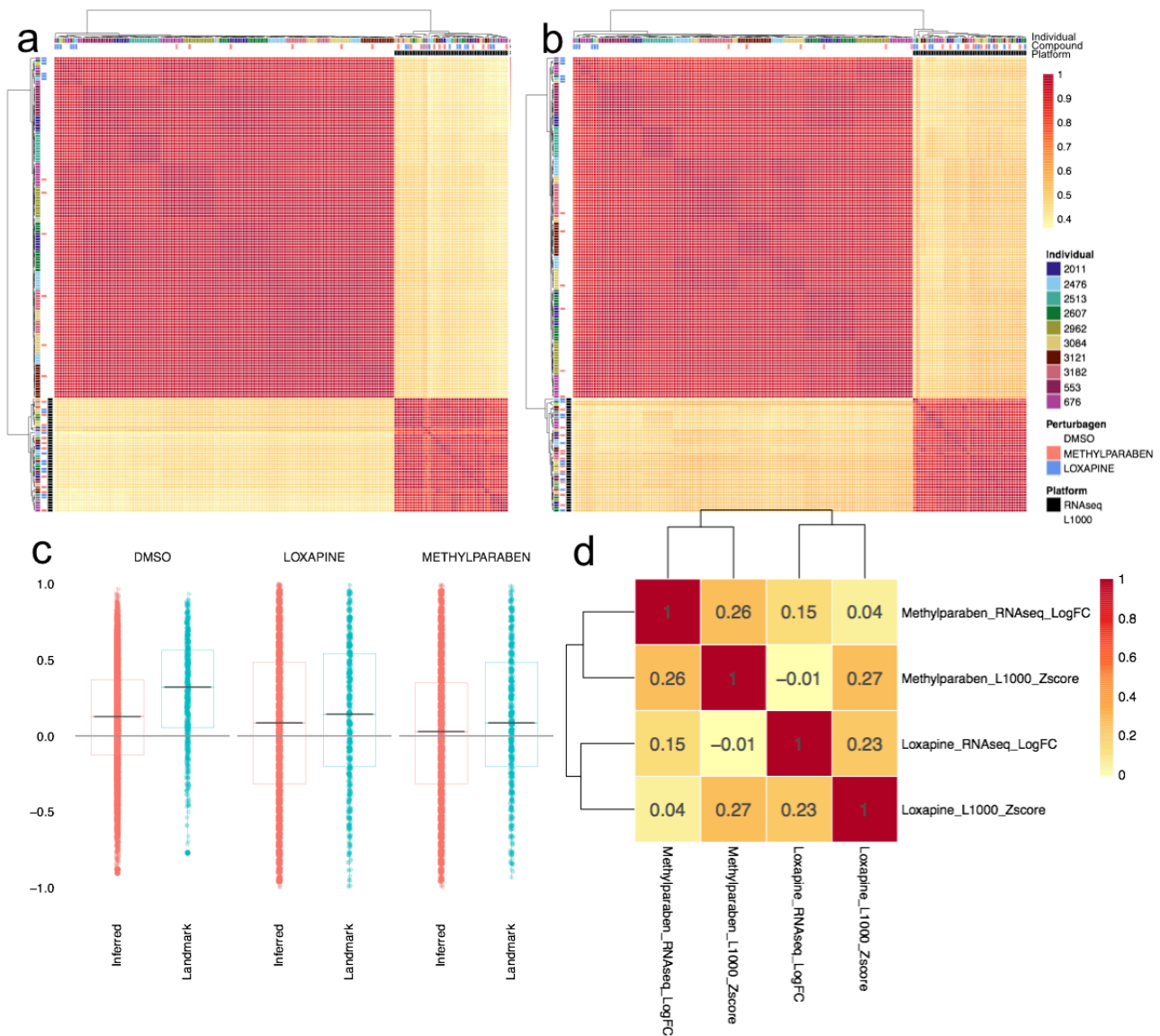
Supplementary Figure 7. Mean pairwise Spearman's correlation across L1000 and RNA-seq platforms from hiPSC NPCs treated with loxapine or methylparaben.

(a) Pearson correlation of normalized expression data from L1000 and RNA-seq for loxapine, methylparaben and DMSO (all probes). (b) Pearson correlation of normalized expression data from L1000 and RNA-seq for loxapine, methylparaben and DMSO (landmark probes only). (c) Gene-level Spearman correlation of normalized expression data from L1000 and RNA-seq for DMSO, loxapine, methylparaben and DMSO, stratified by L1000 probe-type. (d) Pairwise comparison (correlation) of loxapine and methylparaben signatures from L1000 and RNA-sequencing experiments.
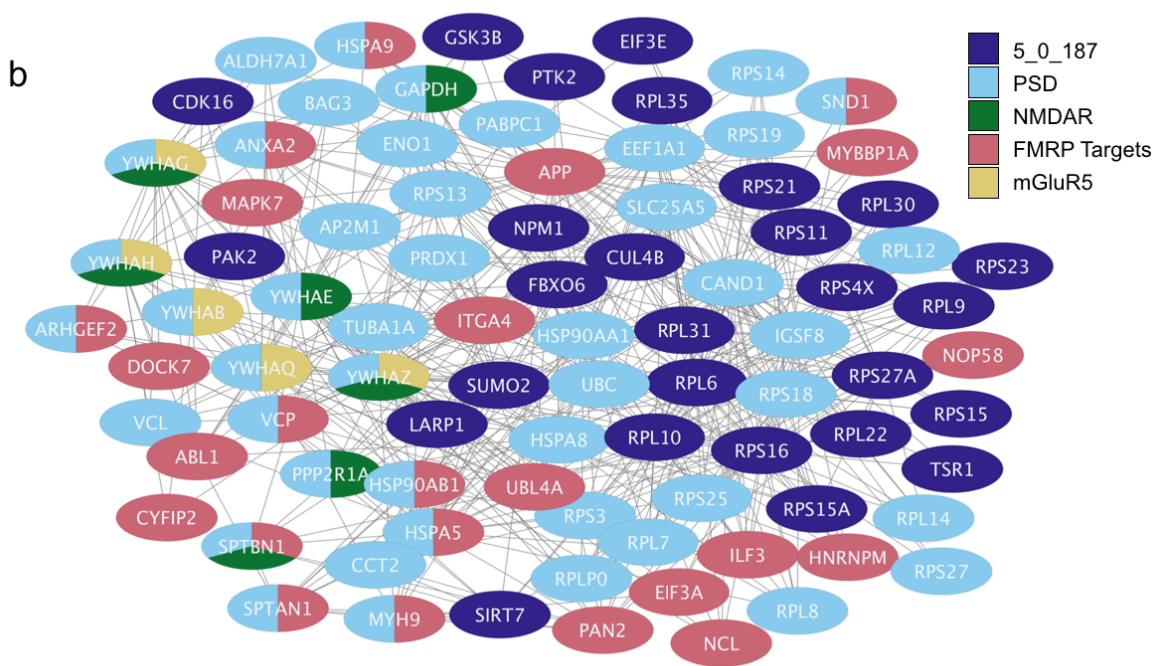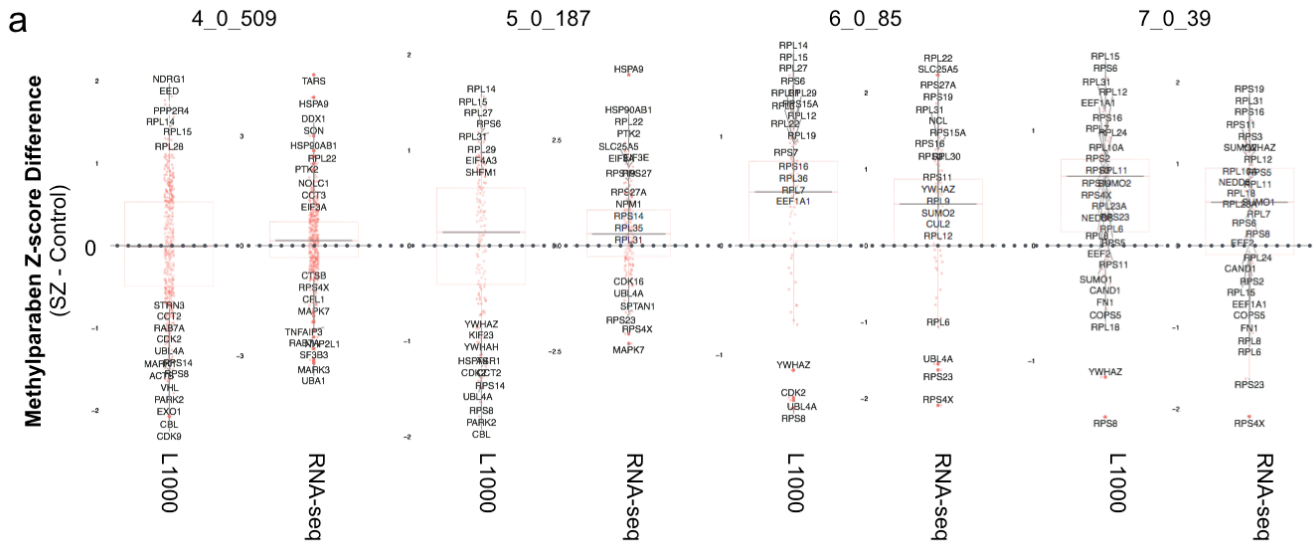
Supplementary Figure 8. Methylparaben-induced regulation of SZ-sets, particularly synapse PPI communities.

(a) Example synapse PPI communities (4_0_509, 5_0_187, 6_0_85, 7_0_39) that are most differentially regulated by methylparaben that are conserved between L1000 and RNA-seq. (Top 20 most differentially expressed genes are labelled) (b) Protein interaction network of synaptic genes perturbed by methylparaben treatment.
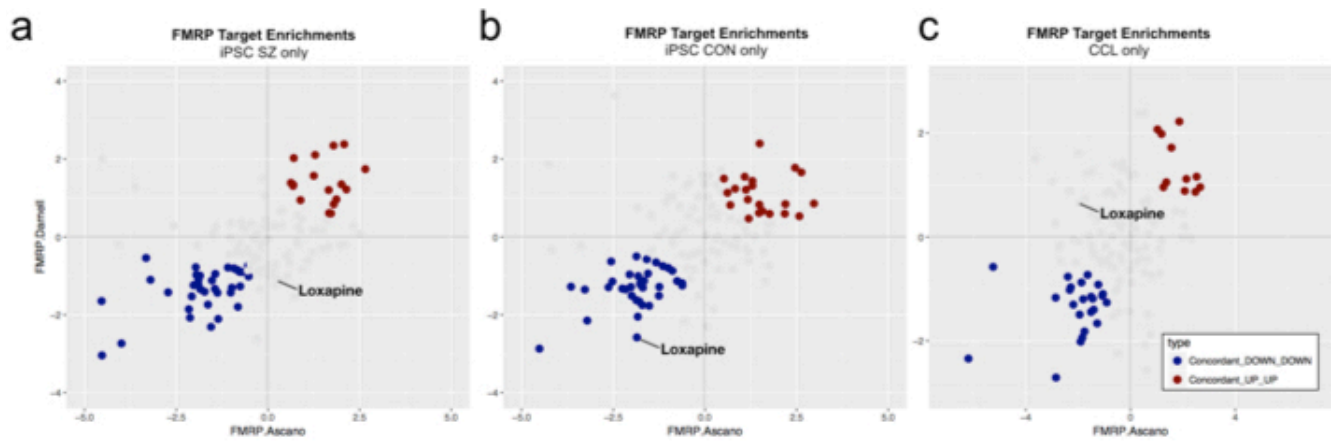
d

ACUK motifs in *de novo* NPD variants

Dx	Study	Locus	Annotation	Ref	Alt	Symbol	Strand	Forward DNA sequence
SZ	Fromer	chr11:83194295	esplice	C	T	DLG2	-	ACTTACTCAGA
ID	Rauch	chr9:130422307-130422308	esplice	AG	N	STXBP1	+	TCCACAGTCCGT
SZ	Xu	chr12:120306864	missense	A	G	CIT	-	CTTACACTTCC
ASD	Iossifov	chr12:120172026	missense	T	C	CIT	-	CAAACTGGGAT
ASD	ORoak	chr2:149225965-149225967	frameshift	GTC	N	MBD5	+	AATAAGTCTCATG
ID	Rauch	chr22:42273402-42273403	missense	GC	TT	SREBF2	+	TGGCCGCAGTGT
SZ	Xu	chr15:54586124	missense	G	T	UNC13C	+	TCAAAGTCAGA
SZ	Fromer	chr19:2117265	missense	G	C	AP3D1	-	ACTGGGTTCAG
ASD	Iossifov	chr19:2121195	missense	T	C	AP3D1	-	TGGACTGGCTG
ASD	ORoak	chr20:49510027-49510029	frameshift	CTT	N	ADNP	-	GGAGACTTTAACT

Supplementary Figure 9. Drug-induced regulation of FMRP targets.

(a-c) FMRP target enrichments in SZ hiPSC NPCs (a), control hiPSC NPCs (b) and CCLs (c). (d) ACUK FMRP binding motif variants identified in neuropsychiatric disease (NPD) mutations.

Supplementary Table 1. Final prioritization of candidate drugs. README

Column	Explanation
DRUG	Drug name
LSN	Drug identifier
nPhase	Number of phases in which drug was profiled (max 2)
Phases	Which phases a drug was profiled in
Method_of_selection	Broad approach by which drug was prioritized for profiling
Target_of_interest_profile	If drug was selected due to target profile, whether drug was associated with selective, or promiscuous target profile
SZ_Sets	If drug was selected due to association with SZ-sets, which SZ-set was implicated
Method_of_Connections_with_SZ_Sets	If drug was selected due to association with SZ-sets, the sort of connection upon which association was based
ATC_level_1	Drug class according to Anatomical and Therapeutic Chemical Classification System, Level 1
ATC_level_2	Drug class according to Anatomical and Therapeutic Chemical Classification System, Level 2
ATC_level_3	Drug class according to Anatomical and Therapeutic Chemical Classification System, Level 3
ATC_level_4	Drug class according to Anatomical and Therapeutic Chemical Classification System, Level 4
ATC_level_5	Drug class according to Anatomical and Therapeutic Chemical Classification System, Level 5
selective	
promiscuous	
1P1	
LSN	
ATC	
SZ-set	
SZ-set libraries	
SCZ-denovo	
PGC2	

Supplementary Table 1. Final prioritization of candidate drugs.

DRUG	LSN	nPhase	Phases	Method_of_selection	Target_of_interest_profile	SZ_Sets	Method_of_Connections_with_SZ_Sets	ATC_level_1	ATC_level_2	ATC_level_3	ATC_level_4	ATC_level_5
DIPHEMANIL.METILSULFATE	26209	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	A_ALIMENTARY_TRAC	A03_DRUGS_FOR_FUN	A03A_DRUGS_FOR_FU	A03AB_Synthetic_antic	A03AB15_
LANSOPRAZOLE	520544	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	A_ALIMENTARY_TRAC	A02_DRUGS_FOR_ACII	A02B_DRUGS_FOR_PE	A02BC_Proton_pump_	A02BC03_
GLIPIZIDE	351297	1	P2	Targets_of_interest	Selective			A_ALIMENTARY_TRAC	A10_DRUGS_USED_IN	A10B_BLOOD_GLUCOS	A10BB_Sulfonamides,_	A10BB07_
REPAGLINIDE	2115645	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	TopConnectivityScores	A_ALIMENTARY_TRAC	A10_DRUGS_USED_IN	A10B_BLOOD_GLUCOS	A10BX_Other_blood_g	A10BX02_
CHENODEOXYCHOLIC.ACID	28374	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	A_ALIMENTARY_TRAC	A05_BILE_AND_LIVER_	A05A_BILE_THERAPY|/	A05AA_Bile_acid_prep	A05AA02_
BUDESONIDE	686163	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	topKnown+PredictedTargetEnrichments	A_ALIMENTARY_TRAC	A07_ANTIDIARRHEALS	A07E_INTESTINAL_AN1	A07EA_Corticosteroids	A07AC06_|D07AC09_|R01AD05_|R03BA02_
BAY.K8644	Pilot1.5|BAY K8644	2	P1|P2	Tool_compound				C_CARDIOVASCULAR_	C08_CALCIUM_CHANN	C08C_SELECTIVE_CALC	C08CA_Dihydropyridin	C08CA06_
BUMETANIDE	55431	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	C_CARDIOVASCULAR_	C03_DIURETICS	C03C_HIGH-CEILING_D	C03CA_Sulfonamides,_	C03CA02_
DIHYDROERGOCRISTINE	486439	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	C_CARDIOVASCULAR_	C04_PERIPHERAL_VAS	C04A_PERIPHERAL_VA	C04AE_Ergot_alkaloids	C04AE04_
DILTIAZEM	486402	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	TopConnectivityScores	C_CARDIOVASCULAR_	C08_CALCIUM_CHANN	C08D_SELECTIVE_CALC	C08DB_Benzothiazepir	C08DB01_
FENDILINE	686097	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	C_CARDIOVASCULAR_	C08_CALCIUM_CHANN	C08E_NON-SELECTIVE_	C08EA_Phenylalkylami	C08EA01_
FLECAINIDE	2351817	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	C_CARDIOVASCULAR_	C01_CARDIAC_THERAF	C01B_ANTIARRHYTHM	C01BC_Antiarrhythmic	C01BC04_
FUROSEMIDE	58858	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	C_CARDIOVASCULAR_	C03_DIURETICS	C03C_HIGH-CEILING_D	C03CA_Sulfonamides,_	C03CA01_
BUFLOMEDIL.HYDROCHLORIDE	686142	1	P2	Targets_of_interest	Selective			C_CARDIOVASCULAR_	C04_PERIPHERAL_VAS	C04A_PERIPHERAL_VA	C04AX_Other_periphe	C04AX20_
EPLERENONE	508928	1	P2	Targets_of_interest	Selective			C_CARDIOVASCULAR_	C03_DIURETICS	C03D_POTASSIUM-SPA	C03DA_Aldosterone_a	C03DA04_
MOXONIDINE	433923	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topKnown+PredictedTargetEnrichments (NISCH)	C_CARDIOVASCULAR_	C02_ANTIHYPERTENSI	C02A_ANTIADRENERGI	C02AC_Imidazoline_re	C02AC05_
NADOLOL	467746	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black|Coexp_Module_brown	topConnectivityScores	C_CARDIOVASCULAR_	C07_BETA_BLOCKING_	C07A_BETA_BLOCKING	C07AA_Beta_blocking_	C07AA12_
NIMODIPINE	Pilot1.6|Nimodipine	2	P1|P2	Tool_compound				C_CARDIOVASCULAR_	C08_CALCIUM_CHANN	C08C_SELECTIVE_CALC	C08CA_Dihydropyridin	C08CA06_
PRENYLAMINE	686173	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	C_CARDIOVASCULAR_	C01_CARDIAC_THERAF	C01D_VASODILATORS_	C01DX_Other_vasodila	C01DX02_
SOTALOL	2330927	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	C_CARDIOVASCULAR_	C07_BETA_BLOCKING_	C07A_BETA_BLOCKING	C07AA_Beta_blocking_	C07AA07_
SULOCTIDIL	255305	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	C_CARDIOVASCULAR_	C04_PERIPHERAL_VAS	C04A_PERIPHERAL_VA	C04AX_Other_periphe	C04AX19_
SPIRONOLACTONE	604169	1	P2	Targets_of_interest	Selective			C_CARDIOVASCULAR_	C03_DIURETICS	C03D_POTASSIUM-SPA	C03DA_Aldosterone_a	C03DA01_
DIFLORASONE	57136	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan|Coexp_Module_black	topConnectivityScores	D_DERMATOLOGICALS	D07_CORTICOSTEROID	D07A_CORTICOSTEROI	D07AC_Corticosteroids	D07AC10_
MAFENIDE.HYDROCHLORIDE	81700	1	P2	Targets_of_interest	Selective			D_DERMATOLOGICALS	D06_ANTIBIOTICS_AN	D06B_CHEMOTHERAPI	D06BA_Sulfonamides	D06BA03_
PODOPHYLLOTOXIN	4038	1	P1	Connectivity_with_SZ_sets|Targets_of_interest	Promiscuous	Coexp_Module_brown	topConnectivityScores	D_DERMATOLOGICALS	D06_ANTIBIOTICS_AN	D06B_CHEMOTHERAPI	D06BB_Antivirals	D06BB04_
SULCONAZOLE	2402722	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	TopConnectivityScores	D_DERMATOLOGICALS	D01_ANTIFUNGALS_F(	D01AC_Imidazole_and	D01AC09_	
NOGESTREL	526576	1	P2	Targets_of_interest	Selective			G_GENITO_URINARY_S	G03_SEX_HORMONES	G03A_HORMONAL_CC	G03AC_Progestogens	G03AC08_
ESTRONE	13550	1	P2	Targets_of_interest	Promiscuous			G_GENITO_URINARY_S	G03_SEX_HORMONES	G03C_ESTROGENS|G0	G03CA_Natural_and_s	G03CA07_|G03CC04_
ESTRIOL	71211	1	P2	Targets_of_interest	Selective			G_GENITO_URINARY_S	G03_SEX_HORMONES	G03C_ESTROGENS|G0	G03CA_Natural_and_s	G03CA04_|G03CC06_
CARBIMAZOLE	61961	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	H_SYSTEMIC_HORMO1	H03_THYROID_THERA!	H03B_ANTITHYROID_P	H03BB_Sulfur-containi	H03BB01_
LEVOTHYROXINE.SODIUM	2937597	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	H_SYSTEMIC_HORMO1	H03_THYROID_THERA!	H03A_THYROID_PREP/	H03AA_Thyroid_hormi	H03AA01_
ETHIONAMIDE	438600	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	J_ANTIINFECTIVES_FOI	J04_ANTIMYCOBACTEF	J04A_DRUGS_FOR_TRI	J04AD_Thiocarbamide	J04AD03_
ISONIAZID	16660	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	J_ANTIINFECTIVES_FOI	J04_ANTIMYCOBACTEF	J04A_DRUGS_FOR_TRI	J04AC_Hydrazides	J04AC01_
LAMIVUDINE	543742	1	P2	Targets_of_interest	Selective			J_ANTIINFECTIVES_FOI	J05_ANTIVIRALS_FOR_	J05A_DIRECT_ACTING_	J05AF_Nucleoside_an(	J05AF05_
NORFLOXACIN	177733	1	P1	Targets_of_interest	Promiscuous			J_ANTIINFECTIVES_FOI	J01_ANTIBACTERIALS_	J01M_QUINOLONE_Ab	J01MA_Fluoroquinolor	J01MA06_|S01AX12_
BOSUTINIB	3149766	1	P1	Targets_of_interest	Promiscuous			L_ANTINEOPLASTIC_Al	L01_ANTINEOPLASTIC_	L01X_OTHER_ANTINE(	L01XE_Protein_kinase_	L01XE14_
SORAFENIB	2133026	1	P1	Targets_of_interest	Promiscuous			L_ANTINEOPLASTIC_Al	L01_ANTINEOPLASTIC_	L01X_OTHER_ANTINE(	L01XE_Protein_kinase_	L01XE05_
VANDETANIB	2442691	1	P1	Targets_of_interest	Promiscuous			L_ANTINEOPLASTIC_Al	L01_ANTINEOPLASTIC_	L01X_OTHER_ANTINE(	L01XE_Protein_kinase_	L01XE12_
NORDIHYDROGUAIARETIC.ACID	2409	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	L_ANTINEOPLASTIC_Al	L01_ANTINEOPLASTIC_	L01X_OTHER_ANTINE(	L01XX_Other_antineo	L01XX10_
VORINOSTAT	2325578	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	topKnownTargetEnrichments	L_ANTINEOPLASTIC_Al	L01_ANTINEOPLASTIC_	L01X_OTHER_ANTINE(	L01XX_Other_antineo	L01XX38_
HYDROQUININE	686160	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	M_MUSCULO-SKELETA	M09_OTHER_DRUGS_I	M09A_OTHER_DRUGS	M09AA_Quinine_and_	M09AA01_
NIFLUMIC.ACID	62444	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	topKnown+PredictedTargetEnrichments	M_MUSCULO-SKELETA	M01_ANTIINFLAMMA1	M01A_ANTIINFLAMM/	M01AX_Other_antiinfl	M01AX02_|M02AA17_
AMOXAPINE	409924	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topKnownTargetEnrichments	N_NERVOUS_SYSTEM	N06_PSYCHOANALEP1	N06A_ANTIDEPRESSAN	N06AA_Non-selective_	N06AA17_
ARIPIPRAZOLE	2073076	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_brown	topKnownTargetEnrichments	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AX_Other_antipsy	N05AX12_
CHLORPROMAZINE	431837	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topKnownTargetEnrichments	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AA_Phenothiazine_	N05AA01_
CLOZAPINE	100326	1	P2	Connectivity_with_SZ_sets|Targets_of_interest	Promiscuous	Coexp_Module_lightcyan|Coexp_Module_brown	topKnownTargetEnrichments (HRH4)|topKnownTargetEnrichments	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AH_Diazepines,_o>	N05AH02_
MEMANTINE.HYDROCHLORIDE	50438	1	P2	Targets_of_interest	Promiscuous			N_NERVOUS_SYSTEM	N06_PSYCHOANALEP1	N06D_ANTI-DEMENTI/	N06DX_Other_anti-den	N06DX01_
RISPERIDONE	202549	1	P2	Targets_of_interest	Promiscuous			N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AX_Other_antipsy	N05AX08_
HALOPERIDOL	56047	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AD_Butyrophenon	N05AD01_
BUPROPION.HYDROCHLORIDE	486429	1	P2	Targets_of_interest	Selective			N_NERVOUS_SYSTEM	N06_PSYCHOANALEP1	N06A_ANTIDEPRESSAN	N06AX_Other_antidep	N06AX12_
LOXAPINE	2797238	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AH_Diazepines,_o>	N05AH01_
MELATONIN	45235	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_lightcyan|Coexp_Module_black	topConnectivityScores|topKnown+PredictedTargetEnrichments (MPO)	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05C_HYPNOTICS_ANI	N05CH_Melatonin_rec	N05CH01_
NEFOPAM	81742	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	N_NERVOUS_SYSTEM	N02_ANALGESICS	N02B_OTHER_ANALGE	N02BG_Other_analges	N02BG06_
ILOPERIDONE	629423	1	P2	Targets_of_interest	Selective			N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AX_Other_antipsy	N05AX14_
PHENELZINE	113719	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan|Coexp_Module_black	topConnectivityScores	N_NERVOUS_SYSTEM	N06_PSYCHOANALEP1	N06A_ANTIDEPRESSAN	N06AF_Monoamine_o	N06AF03_
PIZOTIFEN	2136329	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	N_NERVOUS_SYSTEM	N02_ANALGESICS	N02C_ANTIMIGRAINE_	N02CX_Other_antimig	N02CX01_
PRIMIDONE	18046	1	P1	Connectivity_with_SZ_sets		Syn-3_5_12	topKnownTargetEnrichments	N_NERVOUS_SYSTEM	N03_ANTIEPILEPTICS	N03A_ANTIEPILEPTICS	N03AA_Barbiturates_a	N03AA03
QUETIAPINE	2397678	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_brown	topKnownTargetEnrichments	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AH_Diazepines,_o>	N05AH04_
MOCLOBEMIDE	603362	1	P2	Targets_of_interest	Selective			N_NERVOUS_SYSTEM	N06_PSYCHOANALEP1	N06A_ANTIDEPRESSAN	N06AG_Monoamine_o	N06AG02_
NALTREXONE.HYDROCHLORIDE	486497	1	P2	Targets_of_interest	Selective			N_NERVOUS_SYSTEM	N07_OTHER_NERVOU!	N07B_DRUGS_USED_II	N07BB_Drugs_used_in	N07BB04_
TRAZODONE	81737	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	TopConnectivityScores	N_NERVOUS_SYSTEM	N06_PSYCHOANALEP1	N06A_ANTIDEPRESSAN	N06AX_Other_antidep	N06AX05_
TRIMETHADIONE	92223	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores	N_NERVOUS_SYSTEM	N03_ANTIEPILEPTICS	N03A_ANTIEPILEPTICS	N03AC_Oxazolidine_de	N03AC02_
TIAGABINE	279847	1	P2	Targets_of_interest	Selective			N_NERVOUS_SYSTEM	N03_ANTIEPILEPTICS	N03A_ANTIEPILEPTICS	N03AG_Fatty_acid_der	N03AG06_
TRANYLCYPROMINE.HYDROCHLORIDE	486541	1	P2	Targets_of_interest	Selective			N_NERVOUS_SYSTEM	N06_PSYCHOANALEP1	N06A_ANTIDEPRESSAN	N06AF_Monoamine_o	N06AF04_
VIGABATRIN	486547	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	N_NERVOUS_SYSTEM	N03_ANTIEPILEPTICS	N03A_ANTIEPILEPTICS	N03AG_Fatty_acid_der	N03AG04_
ZIPRASIDONE	426345	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_brown	topKnownTargetEnrichments	N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AE_Indole_derivat	N05AE04_
CHLORPROMAZINE.HYDROCHLORIDE	22389	1	P2	Targets_of_interest	Promiscuous			N_NERVOUS_SYSTEM	N05_PSYCHOLEPTICS	N05A_ANTIPSYCHOTIC	N05AA_Phenothiazine_	N05AA01_
PHENAZONE	39902	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores	N_NERVOUS_SYSTEM|N02_ANALGESICS|S02	N02B_OTHER_ANALGE	N02BB_Pyrazolones|S|	N02BB01_|S02DA03_	
EMETINE	281962	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	P_ANTIPARASITIC_PRC	P01_ANTIPROTOZOALS	P01A_AGENTS_AGAIN!	P01AX_Other_agents_	P01AX02_
MEBENDAZOLE	122285	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	P_ANTIPARASITIC_PRC	P02_ANTHELMINTICS	P02C_ANTINEMATODA	P02CA_Benzimidazole	P02CA01_
NICLOSAMIDE	40016	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_lightcyan|Coexp_Module_black	topConnectivityScores	P_ANTIPARASITIC_PRC	P02_ANTHELMINTICS	P02D_ANTICESTODALS	P02DA_Salicylic_acid_c	P02DA01_
PRESTWICK.675	126740	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan|Coexp_Module_black	topConnectivityScores	P_ANTIPARASITIC_PRC	P02_ANTHELMINTICS	P02C_ANTINEMATODA	P02CA_Benzimidazole	P02CA03_
CHLORCYCLIZINE	50383	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores	R_RESPIRATORY_SYSTI	R06_ANTIHISTAMINES	R06A_ANTIHISTAMINE	R06AE_Piperazine_der	R06AE04_
TYLOXAPOL	2879388	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	TopConnectivityScores	R_RESPIRATORY_SYSTI	R05_COUGH_AND_CO	R05C_EXPECTORANTS,	R05CA_Expectorants	R05CA01_
DORZOLAMIDE.HYDROCHLORIDE	2887174	1	P2	Targets_of_interest	Promiscuous			S_SENSORY_ORGANS	S01_OPHTHALMOLOG!	S01E_ANTIGLAUCOMA	S01EC_Carbonic_anhy	S01EC03_
DICLOFENAMIDE	2402773	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan|Coexp_Module_black	topConnectivityScores	S_SENSORY_ORGANS	S01_OPHTHALMOLOG!	S01E_ANTIGLAUCOMA	S01EC_Carbonic_anhy	S01EC02_
NALOXONE.HYDROCHLORIDE	486496	1	P2	Targets_of_interest	Selective			V_VARIOUS	V03_ALL_OTHER_THEF	V03A_ALL_OTHER_THI	V03AB_Antidotes	V03AB15_
ALPHA.ERGOCRYPTINE	277784	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores					
ANDROSTERONE	20265	1	P2	Targets_of_interest	Promiscuous							
ANISOMYCIN	22948	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black|Coexp_Module_brown|Syn-4_0_509|Syn-3_0_2312	topConnectivityScores|topKnownTargetEnrichments					
ARACHIDONYLTRIFLUOROMETHANE	315756	1	P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores					
ARCAINE	310490	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores					
BAS.012416453	2234529	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores					
BMS.250904	2191400	1	P2	Targets_of_interest	Promiscuous							
BERGENIN	2402706	1	P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores					
BUCLADESINE	99845	1	P1	Connectivity_with_SZ_sets		Syn-3_0_2312	topKnown+PredictedTargetEnrichments					
CORTICOSTERONE	30209	1	P2	Targets_of_interest	Promiscuous							
CELASTROL	2631718	2	P1|P2	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores					
CEPHAELINE	11796	1	P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores					
ETHOXZOLAMIDE	509181	1	P2	Targets_of_interest	Promiscuous							
GABAZINE	331565	1	P2	Targets_of_interest	Promiscuous							
HARMINE.HYDROCHLORIDE	11821	1	P2	Targets_of_interest	Promiscuous							
KANPAULLONE	593047	1	P2	Targets_of_interest	Promiscuous							
MDL.29951	577014	1	P2	Targets_of_interest	Promiscuous							

Name	ID	Phase	Category	Selectivity	Module	Score
DL.THIORPHAN	136738	2 P1|P2	Connectivity_with_SZ_sets		Syn-3_0_2312	TopConnectivityScores
PHENELZINE.SULFATE	31562	1 P2	Targets_of_interest	Promiscuous		
POTASSIUM.ESTRONE.SULFATE	23912	1 P2	Targets_of_interest	Promiscuous		
SB.242235	2105401	1 P2	Targets_of_interest	Promiscuous		
URAPIDIL..5.METHYL	300731	1 P2	Targets_of_interest	Promiscuous		
VATALANIB	580308	1 P2	Targets_of_interest	Promiscuous		
WB.4101.HYDROCHLORIDE	300505	1 P2	Targets_of_interest	Promiscuous		
BENZYLOXYCARBONYL.L.GLYCYL.L.PHEN	56009	1 P2	Targets_of_interest	Selective		
CETOCYCLINE...A.13428.	54929	1 P2	Targets_of_interest	Selective		
CM.ZA.0576	534501	1 P2	Targets_of_interest	Selective		
LIOTHYRONINE	36019	1 P1	Connectivity_with_SZ_sets		Syn-3_5_12	topKnown+PredictedTargetEnrichments
LY379268	Pilot1.2|LY379268	2 P1|P2	Tool_compound			
LYCORINE	589074	2 P1|P2	Connectivity_with_SZ_sets		Coexp_Module_black|Coexp_Module_brown	topConnectivityScores
CONESSINE	17759	1 P2	Targets_of_interest	Selective		
DIHYDROSTILBESTROL	5805	1 P2	Targets_of_interest	Selective		
MDL100907	Pilot1.4|MDL100907	2 P1|P2	Tool_compound			
DIPHENYLAMINOTRIAZINE	3240	1 P2	Targets_of_interest	Selective		
METHYLBENZETHONIUM.CHLORIDE	2402701	1 P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores
EQUILENIN	5272	1 P2	Targets_of_interest	Selective		
MYELOPEROXIDASE.INHIBITOR.I	16850	1 P2	Connectivity_with_SZ_sets		Coexp_Module_black	topKnown+PredictedTargetEnrichments (MPO)
ETIFENIN	686164	1 P2	Targets_of_interest	Selective		
GLAXO.GR247538	2814631	1 P2	Targets_of_interest			
NARINGENIN	22473	1 P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores
GT.2394.RAC	2014221	1 P2	Targets_of_interest	Selective		
IOFETAMINE.HYDROCHLORIDE	486362	1 P2	Targets_of_interest	Selective		
PHENYL.BIGUANIDE	155313	1 P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores
PK11195	351291	1 P1	Connectivity_with_SZ_sets		Coexp_Module_black	topKnown+PredictedTargetEnrichments (TSPO)
METHYLPARABEN	13258	1 P2	Targets_of_interest	Selective		
QUINPIROLE	Pilot1.1|quinpirole	2 P1|P2	Tool_compound			
N6.CYCLOPENTYLADENOSINE	486347	1 P2	Targets_of_interest	Selective		
RONIDAZOLE	2778926	1 P1	Connectivity_with_SZ_sets		Syn-3_0_2312	TopConnectivityScores
SALSOLIDIN	15701	2 P1|P2	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores
SPIRADOLINE	2430361	1 P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores
NORETHINDRONE	526577	1 P2	Targets_of_interest	Selective		
TANESPIMYCIN..	Positive Control|PosCon	2 P1|P2	Positive_control			
TCB.2	Pilot1.3|TCB-2	2 P1|P2	Tool_compound			
PERCEPTIN	2021964	1 P2	Targets_of_interest	Selective		
QUIPAZINE..N.METHYL...DIMALEATE	486514	1 P2	Targets_of_interest	Selective		
TRICHOSTATIN.A..	Positive Control|PosCon	2 P1|P2	Positive_control			
TRIMETHOBENZAMIDE	686087	1 P1	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores
SB.43152	2070306	1 P2	Targets_of_interest	Selective		
UNC0638	3043333	1 P2	Targets_of_interest	Selective		
X3.ACETAMIDOCOUMARIN	276862	2 P1|P2	Connectivity_with_SZ_sets		Coexp_Module_black	topConnectivityScores
X4.HYDROXYPHENAZONE	8571	1 P1	Connectivity_with_SZ_sets		Coexp_Module_lightcyan	topConnectivityScores
ZARDAVERINE	2459550	1 P1	Connectivity_with_SZ_sets		Coexp_Module_brown	topConnectivityScores

Supplementary Table 2. SZ-sets collated across transcriptomic, genetic and protein-centric perspectives.

SZ_Set_Library	SZ_Set	Entrez	Symbol
SZ_Networks	Coexp_Module_black	57786	RBAK
SZ_Networks	Coexp_Module_black	147949	ZNF583
SZ_Networks	Coexp_Module_black	7559	ZNF12
SZ_Networks	Coexp_Module_black	55180	LINS
SZ_Networks	Coexp_Module_black	80321	CEP70
SZ_Networks	Coexp_Module_black	10945	KDELR1
SZ_Networks	Coexp_Module_black	91283	MSANTD3
SZ_Networks	Coexp_Module_black	4760	NEUROD1
SZ_Networks	Coexp_Module_black	4008	LMO7
SZ_Networks	Coexp_Module_black	114783	LMTK3
SZ_Networks	Coexp_Module_black	55275	VPS53
SZ_Networks	Coexp_Module_black	162655	ZNF519
SZ_Networks	Coexp_Module_black	647979	LINC00657
SZ_Networks	Coexp_Module_black	7798	LUZP1
SZ_Networks	Coexp_Module_black	10198	MPHOSPH9
SZ_Networks	Coexp_Module_black	389072	PLEKHM3
SZ_Networks	Coexp_Module_black	6546	SLC8A1
SZ_Networks	Coexp_Module_black	57719	ANO8
SZ_Networks	Coexp_Module_black	401106	LINC00884
SZ_Networks	Coexp_Module_black	2589	GALNT1
SZ_Networks	Coexp_Module_black	642987	TMEM232
SZ_Networks	Coexp_Module_black	256369	LINC00521
SZ_Networks	Coexp_Module_black	57062	DDX24
SZ_Networks	Coexp_Module_black	10956	OS9
SZ_Networks	Coexp_Module_black	10097	ACTR2
SZ_Networks	Coexp_Module_black	3190	HNRNPK
SZ_Networks	Coexp_Module_black	23019	CNOT1
SZ_Networks	Coexp_Module_black	22872	SEC31A
SZ_Networks	Coexp_Module_black	6749	SSRP1
SZ_Networks	Coexp_Module_black	10970	CKAP4
SZ_Networks	Coexp_Module_black	5886	RAD23A
SZ_Networks	Coexp_Module_black	8239	USP9X
SZ_Networks	Coexp_Module_black	10425	ARIH2
SZ_Networks	Coexp_Module_black	6601	SMARCC2
SZ_Networks	Coexp_Module_black	9520	NPEPPS
SZ_Networks	Coexp_Module_black	6240	RRM1
SZ_Networks	Coexp_Module_black	6829	SUPT5H
SZ_Networks	Coexp_Module_black	22985	ACIN1
SZ_Networks	Coexp_Module_black	9685	CLINT1
SZ_Networks	Coexp_Module_black	9049	AIP
SZ_Networks	Coexp_Module_black	8615	USO1
SZ_Networks	Coexp_Module_black	11231	SEC63
SZ_Networks	Coexp_Module_black	55186	SLC25A36
SZ_Networks	Coexp_Module_black	23064	SETX
SZ_Networks	Coexp_Module_black	9897	KIAA0196
SZ_Networks	Coexp_Module_black	224	ALDH3A2
SZ_Networks	Coexp_Module_black	25800	SLC39A6
SZ_Networks	Coexp_Module_black	10659	CELF2
SZ_Networks	Coexp_Module_black	5692	PSMB4
SZ_Networks	Coexp_Module_black	64746	ACBD3
SZ_Networks	Coexp_Module_black	5635	PRPSAP1
SZ_Networks	Coexp_Module_black	9217	VAPB
SZ_Networks	Coexp_Module_black	2776	GNAQ
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SZ_Networks	Coexp_Module_lightcyan	5799	PTPRN2
SZ_Networks	Coexp_Module_lightcyan	23229	ARHGEF9
SZ_Networks	Coexp_Module_lightcyan	8514	KCNAB2
SZ_Networks	Coexp_Module_lightcyan	9797	TATDN2
SZ_Networks	Coexp_Module_lightcyan	4900	NRGN
SZ_Networks	Coexp_Module_lightcyan	1020	CDK5
SZ_Networks	Coexp_Module_lightcyan	23641	LDOC1
SZ_Networks	Coexp_Module_lightcyan	2039	DMTN
SZ_Networks	Coexp_Module_lightcyan	9764	KIAA0513
SZ_Networks	Coexp_Module_lightcyan	8927	BSN
SZ_Networks	Coexp_Module_lightcyan	5218	CDK14
SZ_Networks	Coexp_Module_lightcyan	9796	PHYHIP
SZ_Networks	Coexp_Module_lightcyan	3785	KCNQ2
SZ_Networks	Coexp_Module_lightcyan	8941	CDK5R2
SZ_Networks	Coexp_Module_lightcyan	3706	ITPKA
SZ_Networks	Coexp_Module_lightcyan	10900	RUNDC3A
SZ_Networks	Coexp_Module_lightcyan	23221	RHOBTB2
SZ_Networks	Coexp_Module_lightcyan	25864	ABHD14A
SZ_Networks	Coexp_Module_lightcyan	53335	BCL11A
SZ_Networks	Coexp_Module_lightcyan	84726	PRRC2B
SZ_Networks	Coexp_Module_lightcyan	2036	EPB41L1
SZ_Networks	Coexp_Module_lightcyan	25999	CLIP3
SZ_Networks	Coexp_Module_lightcyan	4628	MYH10
SZ_Networks	Coexp_Module_lightcyan	9807	IP6K1
SZ_Networks	Coexp_Module_lightcyan	57476	GRAMD1B
SZ_Networks	Coexp_Module_lightcyan	5965	RECQL
SZ_Networks	Coexp_Module_lightcyan	23031	MAST3
SZ_Networks	Coexp_Module_lightcyan	460	ASTN1
SZ_Networks	Coexp_Module_lightcyan	155066	ATP6V0E2
SZ_Networks	Coexp_Module_lightcyan	441151	TMEM151B
SZ_Networks	Coexp_Module_lightcyan	23316	CUX2
SZ_Networks	Coexp_Module_lightcyan	8497	PPFIA4
SZ_Networks	Coexp_Module_lightcyan	1759	DNM1
SZ_Networks	Coexp_Module_lightcyan	64771	C6orf106
SZ_Networks	Coexp_Module_lightcyan	79762	C1orf115
SZ_Networks	Coexp_Module_lightcyan	27344	PCSK1N
SZ_Networks	Coexp_Module_lightcyan	25789	TMEM59L
SZ_Networks	Coexp_Module_lightcyan	79187	FSD1
SZ_Networks	Coexp_Module_lightcyan	8506	CNTNAP1
SZ_Networks	Coexp_Module_lightcyan	1008	CDH10
SZ_Networks	Coexp_Module_lightcyan	5361	PLXNA1
SZ_Networks	Coexp_Module_lightcyan	6853	SYN1
SZ_Networks	Coexp_Module_lightcyan	54472	TOLLIP
SZ_Networks	Coexp_Module_lightcyan	80700	UBXN6
SZ_Networks	Coexp_Module_lightcyan	10815	CPLX1
SZ_Networks	Coexp_Module_lightcyan	64101	LRRC4
SZ_Networks	Coexp_Module_lightcyan	84258	SYT3
SZ_Networks	Coexp_Module_lightcyan	400916	CHCHD10
SZ_Networks	Coexp_Module_lightcyan	115024	NT5C3B
SZ_Networks	Coexp_Module_lightcyan	55844	PPP2R2D
SZ_Networks	Coexp_Module_lightcyan	100287932	TIMM23
SZ_Networks	Coexp_Module_lightcyan	4254	KITLG
SZ_Networks	Coexp_Module_lightcyan	57463	AMIGO1

SZ_Networks	Coexp_Module_lightcyan	285362	SUMF1
SZ_Networks	Coexp_Module_lightcyan	57504	MTA3
SZ_Networks	Coexp_Module_lightcyan	387921	NHLRC3
SZ_Networks	Coexp_Module_lightcyan	85300	ATCAY
SZ_Networks	Coexp_Module_lightcyan	126282	TNFAIP8L1
SZ_Networks	Coexp_Module_lightcyan	23025	UNC13A
SZ_Networks	Coexp_Module_lightcyan	387923	SERP2
SZ_Networks	Coexp_Module_lightcyan	3778	KCNMA1
SZ_Networks	Coexp_Module_lightcyan	1804	DPP6
SZ_Networks	Coexp_Module_lightcyan	7275	TUB
SZ_Networks	Coexp_Module_lightcyan	1740	DLG2
SZ_Networks	Coexp_Module_lightcyan	146713	RBFOX3
SZ_Networks	Coexp_Module_lightcyan	60680	CELF5
SZ_Networks	Coexp_Module_lightcyan	112755	STX1B
SZ_Networks	Coexp_Module_lightcyan	57689	LRRC4C
SZ_Networks	Coexp_Module_lightcyan	11346	SYNPO
SZ_Networks	Coexp_Module_lightcyan	784	CACNB3
SZ_Networks	Coexp_Module_lightcyan	55611	OTUB1
SZ_Networks	Coexp_Module_lightcyan	376267	RAB15
SZ_Networks	Coexp_Module_midnightblue	6547	SLC8A3
SZ_Networks	Coexp_Module_midnightblue	4478	MSN
SZ_Networks	Coexp_Module_midnightblue	8407	TAGLN2
SZ_Networks	Coexp_Module_midnightblue	79073	TMEM109
SZ_Networks	Coexp_Module_midnightblue	678	ZFP36L2
SZ_Networks	Coexp_Module_midnightblue	3487	IGFBP4
SZ_Networks	Coexp_Module_midnightblue	26509	MYOF
SZ_Networks	Coexp_Module_midnightblue	3597	IL13RA1
SZ_Networks	Coexp_Module_midnightblue	25937	WWTR1
SZ_Networks	Coexp_Module_midnightblue	3985	LIMK2
SZ_Networks	Coexp_Module_midnightblue	3554	IL1R1
SZ_Networks	Coexp_Module_midnightblue	22856	CHSY1
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SZ_Networks	Coexp_Module_midnightblue	9411	ARHGAP29
SZ_Networks	Coexp_Module_midnightblue	1052	CEBPD
SZ_Networks	Coexp_Module_midnightblue	571	BACH1
SZ_Networks	Coexp_Module_midnightblue	4005	LMO2
SZ_Networks	Coexp_Module_midnightblue	3087	HHEX
SZ_Networks	Coexp_Module_midnightblue	1439	CSF2RB
SZ_Networks	Coexp_Module_midnightblue	3570	IL6R
SZ_Networks	Coexp_Module_midnightblue	5627	PROS1
SZ_Networks	Coexp_Module_midnightblue	4904	YBX1
SZ_Networks	Coexp_Module_midnightblue	9124	PDLIM1
SZ_Networks	Coexp_Module_midnightblue	7037	TFRC
SZ_Networks	Coexp_Module_midnightblue	7048	TGFBR2
SZ_Networks	Coexp_Module_midnightblue	5175	PECAM1
SZ_Networks	Coexp_Module_midnightblue	6774	STAT3
SZ_Networks	Coexp_Module_midnightblue	182	JAG1
SZ_Networks	Coexp_Module_midnightblue	11067	C10orf10
SZ_Networks	Coexp_Module_midnightblue	84617	TUBB6
SZ_Networks	Coexp_Module_midnightblue	8795	TNFRSF10B
SZ_Networks	Coexp_Module_midnightblue	4071	TM4SF1
SZ_Networks	Coexp_Module_midnightblue	5873	RAB27A
SZ_Networks	Coexp_Module_midnightblue	30844	EHD4
SZ_Networks	Coexp_Module_midnightblue	3588	IL10RB
SZ_Networks	Coexp_Module_midnightblue	302	ANXA2
SZ_Networks	Coexp_Module_midnightblue	3119	HLA-DQB1
SZ_Networks	Coexp_Module_midnightblue	4627	MYH9
SZ_Networks	Coexp_Module_midnightblue	1284	COL4A2

SZ_Networks	Coexp_Module_midnightblue	1282	COL4A1
SZ_Networks	Coexp_Module_midnightblue	115207	KCTD12
SZ_Networks	Coexp_Module_midnightblue	8829	NRP1
SZ_Networks	Coexp_Module_midnightblue	23034	SAMD4A
SZ_Networks	Coexp_Module_midnightblue	221749	PXDC1
SZ_Networks	Coexp_Module_midnightblue	22898	DENND3
SZ_Networks	Coexp_Module_midnightblue	5771	PTPN2
SZ_Networks	Coexp_Module_midnightblue	7035	TFPI
SZ_Networks	Coexp_Module_midnightblue	9413	FAM189A2
SZ_Networks	Coexp_Module_midnightblue	2335	FN1
SZ_Networks	Coexp_Module_midnightblue	54918	CMTM6
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SZ_Networks	Coexp_Module_midnightblue	55332	DRAM1
SZ_Networks	Coexp_Module_midnightblue	51279	C1RL
SZ_Networks	Coexp_Module_midnightblue	79651	RHBDF2
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SZ_Networks	Coexp_Module_midnightblue	9630	GNA14
SZ_Networks	Coexp_Module_midnightblue	83716	CRISPLD2
SZ_Networks	Coexp_Module_midnightblue	2004	ELK3
SZ_Networks	Coexp_Module_midnightblue	55616	ASAP3
SZ_Networks	Coexp_Module_midnightblue	58191	CXCL16
SZ_Networks	Coexp_Module_midnightblue	51435	SCARA3
SZ_Networks	Coexp_Module_midnightblue	23406	COTL1
SZ_Networks	Coexp_Module_midnightblue	7046	TGFBR1
SZ_Networks	Coexp_Module_midnightblue	196527	ANO6
SZ_Networks	Coexp_Module_midnightblue	152137	CCDC50
SZ_Networks	Coexp_Module_midnightblue	2120	ETV6
SZ_Networks	Coexp_Module_midnightblue	91107	TRIM47
SZ_Networks	Coexp_Module_midnightblue	768211	RELL1
SZ_Networks	Coexp_Module_midnightblue	83937	RASSF4
SZ_Networks	Coexp_Module_midnightblue	79993	ELOVL7
SZ_Networks	Coexp_Module_midnightblue	121457	IKBIP
SZ_Networks	Coexp_Module_midnightblue	3718	JAK3
SZ_Networks	Coexp_Module_midnightblue	54947	LPCAT2
SZ_Networks	Coexp_Module_midnightblue	140576	S100A16
SZ_Networks	Coexp_Module_midnightblue	155038	GIMAP8
Synapse_PPI_Communities	Syn-7_0_39	1915	EEF1A1
Synapse_PPI_Communities	Syn-7_0_39	6128	RPL6
Synapse_PPI_Communities	Syn-7_0_39	6124	RPL4
Synapse_PPI_Communities	Syn-7_0_39	1938	EEF2
Synapse_PPI_Communities	Syn-7_0_39	6217	RPS16
Synapse_PPI_Communities	Syn-7_0_39	55832	CAND1
Synapse_PPI_Communities	Syn-7_0_39	140801	RPL10L
Synapse_PPI_Communities	Syn-7_0_39	6189	RPS3A
Synapse_PPI_Communities	Syn-7_0_39	7534	YWHAZ
Synapse_PPI_Communities	Syn-7_0_39	4738	NEDD8
Synapse_PPI_Communities	Syn-7_0_39	6152	RPL24
Synapse_PPI_Communities	Syn-7_0_39	6137	RPL13
Synapse_PPI_Communities	Syn-7_0_39	6205	RPS11
Synapse_PPI_Communities	Syn-7_0_39	6138	RPL15
Synapse_PPI_Communities	Syn-7_0_39	6193	RPS5
Synapse_PPI_Communities	Syn-7_0_39	6134	RPL10
Synapse_PPI_Communities	Syn-7_0_39	6132	RPL8
Synapse_PPI_Communities	Syn-7_0_39	6223	RPS19
Synapse_PPI_Communities	Syn-7_0_39	6130	RPL7A
Synapse_PPI_Communities	Syn-7_0_39	6135	RPL11
Synapse_PPI_Communities	Syn-7_0_39	6129	RPL7

Synapse_PPI_Communities	Syn-7_0_39	6224	RPS20
Synapse_PPI_Communities	Syn-7_0_39	6136	RPL12
Synapse_PPI_Communities	Syn-7_0_39	6141	RPL18
Synapse_PPI_Communities	Syn-7_0_39	6160	RPL31
Synapse_PPI_Communities	Syn-7_0_39	6144	RPL21
Synapse_PPI_Communities	Syn-7_0_39	6187	RPS2
Synapse_PPI_Communities	Syn-7_0_39	6228	RPS23
Synapse_PPI_Communities	Syn-7_0_39	4736	RPL10A
Synapse_PPI_Communities	Syn-7_0_39	6191	RPS4X
Synapse_PPI_Communities	Syn-7_0_39	6202	RPS8
Synapse_PPI_Communities	Syn-7_0_39	6194	RPS6
Synapse_PPI_Communities	Syn-7_0_39	6147	RPL23A
Synapse_PPI_Communities	Syn-7_0_39	6125	RPL5
Synapse_PPI_Communities	Syn-7_0_39	6188	RPS3
Synapse_PPI_Communities	Syn-7_0_39	6613	SUMO2
Synapse_PPI_Communities	Syn-7_0_39	7341	SUMO1
Synapse_PPI_Communities	Syn-7_0_39	10987	COPS5
Synapse_PPI_Communities	Syn-7_0_39	2335	FN1
Synapse_PPI_Communities	Syn-6_1_9	7534	YWHAZ
Synapse_PPI_Communities	Syn-6_1_9	7532	YWHAG
Synapse_PPI_Communities	Syn-6_1_9	7529	YWHAB
Synapse_PPI_Communities	Syn-6_1_9	7533	YWHAH
Synapse_PPI_Communities	Syn-6_1_9	9181	ARHGEF2
Synapse_PPI_Communities	Syn-6_1_9	7415	VCP
Synapse_PPI_Communities	Syn-6_1_9	2885	GRB2
Synapse_PPI_Communities	Syn-6_1_9	8452	CUL3
Synapse_PPI_Communities	Syn-6_1_9	2335	FN1
Synapse_PPI_Communities	Syn-6_0_85	1915	EEF1A1
Synapse_PPI_Communities	Syn-6_0_85	6128	RPL6
Synapse_PPI_Communities	Syn-6_0_85	6124	RPL4
Synapse_PPI_Communities	Syn-6_0_85	1938	EEF2
Synapse_PPI_Communities	Syn-6_0_85	6217	RPS16
Synapse_PPI_Communities	Syn-6_0_85	55832	CAND1
Synapse_PPI_Communities	Syn-6_0_85	140801	RPL10L
Synapse_PPI_Communities	Syn-6_0_85	6189	RPS3A
Synapse_PPI_Communities	Syn-6_0_85	7534	YWHAZ
Synapse_PPI_Communities	Syn-6_0_85	4738	NEDD8
Synapse_PPI_Communities	Syn-6_0_85	6152	RPL24
Synapse_PPI_Communities	Syn-6_0_85	6137	RPL13
Synapse_PPI_Communities	Syn-6_0_85	6205	RPS11
Synapse_PPI_Communities	Syn-6_0_85	6138	RPL15
Synapse_PPI_Communities	Syn-6_0_85	6193	RPS5
Synapse_PPI_Communities	Syn-6_0_85	6134	RPL10
Synapse_PPI_Communities	Syn-6_0_85	6132	RPL8
Synapse_PPI_Communities	Syn-6_0_85	6223	RPS19
Synapse_PPI_Communities	Syn-6_0_85	6130	RPL7A
Synapse_PPI_Communities	Syn-6_0_85	6135	RPL11
Synapse_PPI_Communities	Syn-6_0_85	6129	RPL7
Synapse_PPI_Communities	Syn-6_0_85	6224	RPS20
Synapse_PPI_Communities	Syn-6_0_85	6136	RPL12
Synapse_PPI_Communities	Syn-6_0_85	6141	RPL18
Synapse_PPI_Communities	Syn-6_0_85	6160	RPL31
Synapse_PPI_Communities	Syn-6_0_85	6144	RPL21
Synapse_PPI_Communities	Syn-6_0_85	6187	RPS2
Synapse_PPI_Communities	Syn-6_0_85	6228	RPS23
Synapse_PPI_Communities	Syn-6_0_85	4736	RPL10A
Synapse_PPI_Communities	Syn-6_0_85	6191	RPS4X
Synapse_PPI_Communities	Syn-6_0_85	6202	RPS8

Synapse_PPI_Communities	Syn-6_0_85	6194	RPS6
Synapse_PPI_Communities	Syn-6_0_85	6147	RPL23A
Synapse_PPI_Communities	Syn-6_0_85	6125	RPL5
Synapse_PPI_Communities	Syn-6_0_85	6188	RPS3
Synapse_PPI_Communities	Syn-6_0_85	6613	SUMO2
Synapse_PPI_Communities	Syn-6_0_85	7341	SUMO1
Synapse_PPI_Communities	Syn-6_0_85	10987	COPS5
Synapse_PPI_Communities	Syn-6_0_85	2335	FN1
Synapse_PPI_Communities	Syn-6_0_85	6218	RPS17
Synapse_PPI_Communities	Syn-6_0_85	6203	RPS9
Synapse_PPI_Communities	Syn-6_0_85	93185	IGSF8
Synapse_PPI_Communities	Syn-6_0_85	6155	RPL27
Synapse_PPI_Communities	Syn-6_0_85	6122	RPL3
Synapse_PPI_Communities	Syn-6_0_85	25873	RPL36
Synapse_PPI_Communities	Syn-6_0_85	6233	RPS27A
Synapse_PPI_Communities	Syn-6_0_85	6168	RPL37A
Synapse_PPI_Communities	Syn-6_0_85	292	SLC25A5
Synapse_PPI_Communities	Syn-6_0_85	6142	RPL18A
Synapse_PPI_Communities	Syn-6_0_85	6234	RPS28
Synapse_PPI_Communities	Syn-6_0_85	9045	RPL14
Synapse_PPI_Communities	Syn-6_0_85	3608	ILF2
Synapse_PPI_Communities	Syn-6_0_85	10528	NOP56
Synapse_PPI_Communities	Syn-6_0_85	6201	RPS7
Synapse_PPI_Communities	Syn-6_0_85	6230	RPS25
Synapse_PPI_Communities	Syn-6_0_85	6146	RPL22
Synapse_PPI_Communities	Syn-6_0_85	4691	NCL
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Synapse_PPI_Communities	Syn-6_0_85	6133	RPL9
Synapse_PPI_Communities	Syn-6_0_85	6159	RPL29
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Synapse_PPI_Communities	Syn-6_0_85	6229	RPS24
Synapse_PPI_Communities	Syn-6_0_85	6207	RPS13
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Synapse_PPI_Communities	Syn-6_0_85	220717	RPLP0P6
Synapse_PPI_Communities	Syn-6_0_85	6143	RPL19
Synapse_PPI_Communities	Syn-6_0_85	6176	RPLP1
Synapse_PPI_Communities	Syn-6_0_85	6175	RPLP0
Synapse_PPI_Communities	Syn-6_0_85	3609	ILF3
Synapse_PPI_Communities	Syn-6_0_85	3320	HSP90AA1
Synapse_PPI_Communities	Syn-6_0_85	6210	RPS15A
Synapse_PPI_Communities	Syn-6_0_85	6045	RNF2
Synapse_PPI_Communities	Syn-6_0_85	26270	FBXO6
Synapse_PPI_Communities	Syn-6_0_85	1017	CDK2
Synapse_PPI_Communities	Syn-6_0_85	8266	UBL4A
Synapse_PPI_Communities	Syn-6_0_85	8452	CUL3
Synapse_PPI_Communities	Syn-6_0_85	8454	CUL1
Synapse_PPI_Communities	Syn-6_0_85	8065	CUL5
Synapse_PPI_Communities	Syn-6_0_85	409	ARRB2
Synapse_PPI_Communities	Syn-6_0_85	23435	TARDBP
Synapse_PPI_Communities	Syn-6_0_85	3921	RPSA
Synapse_PPI_Communities	Syn-6_0_85	6780	STAU1
Synapse_PPI_Communities	Syn-6_0_85	8453	CUL2
Synapse_PPI_Communities	Syn-6_0_85	7316	UBC
Synapse_PPI_Communities	Syn-6_0_85	975	CD81
Synapse_PPI_Communities	Syn-5_9_5	7534	YWHAZ
Synapse_PPI_Communities	Syn-5_9_5	7532	YWHAG
Synapse_PPI_Communities	Syn-5_9_5	3799	KIF5B
Synapse_PPI_Communities	Syn-5_9_5	7529	YWHAB

Synapse_PPI_Communities	Syn-5_9_5	89953	KLC4
Synapse_PPI_Communities	Syn-5_8_9	529	ATP6V1E1
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Synapse_PPI_Communities	Syn-5_8_9	535	ATP6V0A1
Synapse_PPI_Communities	Syn-5_8_9	51382	ATP6V1D
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Synapse_PPI_Communities	Syn-5_8_9	9296	ATP6V1F
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Synapse_PPI_Communities	Syn-5_8_9	64924	SLC30A5
Synapse_PPI_Communities	Syn-5_0_187	1915	EEF1A1
Synapse_PPI_Communities	Syn-5_0_187	6128	RPL6
Synapse_PPI_Communities	Syn-5_0_187	6124	RPL4
Synapse_PPI_Communities	Syn-5_0_187	1938	EEF2
Synapse_PPI_Communities	Syn-5_0_187	6217	RPS16
Synapse_PPI_Communities	Syn-5_0_187	55832	CAND1
Synapse_PPI_Communities	Syn-5_0_187	140801	RPL10L
Synapse_PPI_Communities	Syn-5_0_187	6189	RPS3A
Synapse_PPI_Communities	Syn-5_0_187	7534	YWHAZ
Synapse_PPI_Communities	Syn-5_0_187	4738	NEDD8
Synapse_PPI_Communities	Syn-5_0_187	6152	RPL24
Synapse_PPI_Communities	Syn-5_0_187	6137	RPL13
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Synapse_PPI_Communities	Syn-5_0_187	6134	RPL10
Synapse_PPI_Communities	Syn-5_0_187	6132	RPL8
Synapse_PPI_Communities	Syn-5_0_187	6223	RPS19
Synapse_PPI_Communities	Syn-5_0_187	6130	RPL7A
Synapse_PPI_Communities	Syn-5_0_187	6135	RPL11
Synapse_PPI_Communities	Syn-5_0_187	6129	RPL7
Synapse_PPI_Communities	Syn-5_0_187	6224	RPS20
Synapse_PPI_Communities	Syn-5_0_187	6136	RPL12
Synapse_PPI_Communities	Syn-5_0_187	6141	RPL18
Synapse_PPI_Communities	Syn-5_0_187	6160	RPL31
Synapse_PPI_Communities	Syn-5_0_187	6144	RPL21
Synapse_PPI_Communities	Syn-5_0_187	6187	RPS2
Synapse_PPI_Communities	Syn-5_0_187	6228	RPS23
Synapse_PPI_Communities	Syn-5_0_187	4736	RPL10A
Synapse_PPI_Communities	Syn-5_0_187	6191	RPS4X
Synapse_PPI_Communities	Syn-5_0_187	6202	RPS8
Synapse_PPI_Communities	Syn-5_0_187	6194	RPS6
Synapse_PPI_Communities	Syn-5_0_187	6147	RPL23A
Synapse_PPI_Communities	Syn-5_0_187	6125	RPL5
Synapse_PPI_Communities	Syn-5_0_187	6188	RPS3
Synapse_PPI_Communities	Syn-5_0_187	6613	SUMO2
Synapse_PPI_Communities	Syn-5_0_187	7341	SUMO1
Synapse_PPI_Communities	Syn-5_0_187	10987	COPS5
Synapse_PPI_Communities	Syn-5_0_187	2335	FN1
Synapse_PPI_Communities	Syn-5_0_187	6218	RPS17
Synapse_PPI_Communities	Syn-5_0_187	6203	RPS9
Synapse_PPI_Communities	Syn-5_0_187	93185	IGSF8
Synapse_PPI_Communities	Syn-5_0_187	6155	RPL27
Synapse_PPI_Communities	Syn-5_0_187	6122	RPL3
Synapse_PPI_Communities	Syn-5_0_187	25873	RPL36
Synapse_PPI_Communities	Syn-5_0_187	6233	RPS27A
Synapse_PPI_Communities	Syn-5_0_187	6168	RPL37A
Synapse_PPI_Communities	Syn-5_0_187	292	SLC25A5

Synapse_PPI_Communities	Syn-5_0_187	6142	RPL18A
Synapse_PPI_Communities	Syn-5_0_187	7532	YWHAG
Synapse_PPI_Communities	Syn-5_0_187	7529	YWHAB
Synapse_PPI_Communities	Syn-5_0_187	7533	YWHAH
Synapse_PPI_Communities	Syn-5_0_187	9181	ARHGEF2
Synapse_PPI_Communities	Syn-5_0_187	7415	VCP
Synapse_PPI_Communities	Syn-5_0_187	6234	RPS28
Synapse_PPI_Communities	Syn-5_0_187	9045	RPL14
Synapse_PPI_Communities	Syn-5_0_187	3608	ILF2
Synapse_PPI_Communities	Syn-5_0_187	10528	NOP56
Synapse_PPI_Communities	Syn-5_0_187	6201	RPS7
Synapse_PPI_Communities	Syn-5_0_187	6230	RPS25
Synapse_PPI_Communities	Syn-5_0_187	6146	RPL22
Synapse_PPI_Communities	Syn-5_0_187	4691	NCL
Synapse_PPI_Communities	Syn-5_0_187	6139	RPL17
Synapse_PPI_Communities	Syn-5_0_187	6133	RPL9
Synapse_PPI_Communities	Syn-5_0_187	6159	RPL29
Synapse_PPI_Communities	Syn-5_0_187	6156	RPL30
Synapse_PPI_Communities	Syn-5_0_187	6229	RPS24
Synapse_PPI_Communities	Syn-5_0_187	6207	RPS13
Synapse_PPI_Communities	Syn-5_0_187	9349	RPL23
Synapse_PPI_Communities	Syn-5_0_187	220717	RPLP0P6
Synapse_PPI_Communities	Syn-5_0_187	6143	RPL19
Synapse_PPI_Communities	Syn-5_0_187	6176	RPLP1
Synapse_PPI_Communities	Syn-5_0_187	6175	RPLP0
Synapse_PPI_Communities	Syn-5_0_187	3609	ILF3
Synapse_PPI_Communities	Syn-5_0_187	3320	HSP90AA1
Synapse_PPI_Communities	Syn-5_0_187	6210	RPS15A
Synapse_PPI_Communities	Syn-5_0_187	2885	GRB2
Synapse_PPI_Communities	Syn-5_0_187	8452	CUL3
Synapse_PPI_Communities	Syn-5_0_187	6045	RNF2
Synapse_PPI_Communities	Syn-5_0_187	10971	YWHAQ
Synapse_PPI_Communities	Syn-5_0_187	2597	GAPDH
Synapse_PPI_Communities	Syn-5_0_187	203068	TUBB
Synapse_PPI_Communities	Syn-5_0_187	26270	FBXO6
Synapse_PPI_Communities	Syn-5_0_187	1017	CDK2
Synapse_PPI_Communities	Syn-5_0_187	3312	HSPA8
Synapse_PPI_Communities	Syn-5_0_187	8266	UBL4A
Synapse_PPI_Communities	Syn-5_0_187	8454	CUL1
Synapse_PPI_Communities	Syn-5_0_187	8065	CUL5
Synapse_PPI_Communities	Syn-5_0_187	409	ARRB2
Synapse_PPI_Communities	Syn-5_0_187	23435	TARDBP
Synapse_PPI_Communities	Syn-5_0_187	3921	RPSA
Synapse_PPI_Communities	Syn-5_0_187	6780	STAU1
Synapse_PPI_Communities	Syn-5_0_187	8453	CUL2
Synapse_PPI_Communities	Syn-5_0_187	7316	UBC
Synapse_PPI_Communities	Syn-5_0_187	975	CD81
Synapse_PPI_Communities	Syn-5_0_187	6222	RPS18
Synapse_PPI_Communities	Syn-5_0_187	55720	TSR1
Synapse_PPI_Communities	Syn-5_0_187	51065	RPS27L
Synapse_PPI_Communities	Syn-5_0_187	65220	NADK
Synapse_PPI_Communities	Syn-5_0_187	501	ALDH7A1
Synapse_PPI_Communities	Syn-5_0_187	26999	CYFIP2
Synapse_PPI_Communities	Syn-5_0_187	9493	KIF23
Synapse_PPI_Communities	Syn-5_0_187	51602	NOP58
Synapse_PPI_Communities	Syn-5_0_187	11224	RPL35
Synapse_PPI_Communities	Syn-5_0_187	7979	SHFM1
Synapse_PPI_Communities	Syn-5_0_187	10514	MYBBP1A

Synapse_PPI_Communities	Syn-5_0_187	9770	RASSF2
Synapse_PPI_Communities	Syn-5_0_187	7846	TUBA1A
Synapse_PPI_Communities	Syn-5_0_187	27430	MAT2B
Synapse_PPI_Communities	Syn-5_0_187	3646	EIF3E
Synapse_PPI_Communities	Syn-5_0_187	85440	DOCK7
Synapse_PPI_Communities	Syn-5_0_187	27044	SND1
Synapse_PPI_Communities	Syn-5_0_187	5127	CDK16
Synapse_PPI_Communities	Syn-5_0_187	369	ARAF
Synapse_PPI_Communities	Syn-5_0_187	65125	WNK1
Synapse_PPI_Communities	Syn-5_0_187	6232	RPS27
Synapse_PPI_Communities	Syn-5_0_187	9101	USP8
Synapse_PPI_Communities	Syn-5_0_187	8661	EIF3A
Synapse_PPI_Communities	Syn-5_0_187	6208	RPS14
Synapse_PPI_Communities	Syn-5_0_187	23327	NEDD4L
Synapse_PPI_Communities	Syn-5_0_187	6209	RPS15
Synapse_PPI_Communities	Syn-5_0_187	4486	MST1R
Synapse_PPI_Communities	Syn-5_0_187	10133	OPTN
Synapse_PPI_Communities	Syn-5_0_187	10238	DCAF7
Synapse_PPI_Communities	Syn-5_0_187	6157	RPL27A
Synapse_PPI_Communities	Syn-5_0_187	2539	G6PD
Synapse_PPI_Communities	Syn-5_0_187	6927	HNF1A
Synapse_PPI_Communities	Syn-5_0_187	6231	RPS26
Synapse_PPI_Communities	Syn-5_0_187	4670	HNRNPM
Synapse_PPI_Communities	Syn-5_0_187	7531	YWHAE
Synapse_PPI_Communities	Syn-5_0_187	351	APP
Synapse_PPI_Communities	Syn-5_0_187	6227	RPS21
Synapse_PPI_Communities	Syn-5_0_187	5747	PTK2
Synapse_PPI_Communities	Syn-5_0_187	23367	LARP1
Synapse_PPI_Communities	Syn-5_0_187	1029	CDKN2A
Synapse_PPI_Communities	Syn-5_0_187	3303	HSPA1A
Synapse_PPI_Communities	Syn-5_0_187	5062	PAK2
Synapse_PPI_Communities	Syn-5_0_187	4904	YBX1
Synapse_PPI_Communities	Syn-5_0_187	3313	HSPA9
Synapse_PPI_Communities	Syn-5_0_187	5580	PRKCD
Synapse_PPI_Communities	Syn-5_0_187	10014	HDAC5
Synapse_PPI_Communities	Syn-5_0_187	10399	GNB2L1
Synapse_PPI_Communities	Syn-5_0_187	7414	VCL
Synapse_PPI_Communities	Syn-5_0_187	26986	PABPC1
Synapse_PPI_Communities	Syn-5_0_187	3309	HSPA5
Synapse_PPI_Communities	Syn-5_0_187	80086	TUBA4B
Synapse_PPI_Communities	Syn-5_0_187	1173	AP2M1
Synapse_PPI_Communities	Syn-5_0_187	84790	TUBA1C
Synapse_PPI_Communities	Syn-5_0_187	25	ABL1
Synapse_PPI_Communities	Syn-5_0_187	3383	ICAM1
Synapse_PPI_Communities	Syn-5_0_187	2932	GSK3B
Synapse_PPI_Communities	Syn-5_0_187	6622	SNCA
Synapse_PPI_Communities	Syn-5_0_187	5598	MAPK7
Synapse_PPI_Communities	Syn-5_0_187	6711	SPTBN1
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Synapse_PPI_Communities	Syn-5_0_187	9531	BAG3
Synapse_PPI_Communities	Syn-5_0_187	4627	MYH9
Synapse_PPI_Communities	Syn-5_0_187	84959	UBASH3B
Synapse_PPI_Communities	Syn-5_0_187	9657	IQCB1
Synapse_PPI_Communities	Syn-5_0_187	1994	ELAVL1
Synapse_PPI_Communities	Syn-5_0_187	408	ARRB1
Synapse_PPI_Communities	Syn-5_0_187	2099	ESR1
Synapse_PPI_Communities	Syn-5_0_187	9924	PAN2

Synapse_PPI_Communities	Syn-5_0_187	54165	DCUN1D1
Synapse_PPI_Communities	Syn-5_0_187	1457	CSNK2A1
Synapse_PPI_Communities	Syn-5_0_187	9775	EIF4A3
Synapse_PPI_Communities	Syn-5_0_187	6464	SHC1
Synapse_PPI_Communities	Syn-5_0_187	1386	ATF2
Synapse_PPI_Communities	Syn-5_0_187	10537	UBD
Synapse_PPI_Communities	Syn-5_0_187	5052	PRDX1
Synapse_PPI_Communities	Syn-5_0_187	10576	CCT2
Synapse_PPI_Communities	Syn-5_0_187	5684	PSMA3
Synapse_PPI_Communities	Syn-5_0_187	5518	PPP2R1A
Synapse_PPI_Communities	Syn-5_0_187	4193	MDM2
Synapse_PPI_Communities	Syn-5_0_187	302	ANXA2
Synapse_PPI_Communities	Syn-5_0_187	5071	PARK2
Synapse_PPI_Communities	Syn-5_0_187	7412	VCAM1
Synapse_PPI_Communities	Syn-5_0_187	3326	HSP90AB1
Synapse_PPI_Communities	Syn-5_0_187	51547	SIRT7
Synapse_PPI_Communities	Syn-5_0_187	8450	CUL4B
Synapse_PPI_Communities	Syn-5_0_187	4869	NPM1
Synapse_PPI_Communities	Syn-5_0_187	3676	ITGA4
Synapse_PPI_Communities	Syn-5_0_187	154	ADRB2
Synapse_PPI_Communities	Syn-5_0_187	57154	SMURF1
Synapse_PPI_Communities	Syn-5_0_187	2023	ENO1
Synapse_PPI_Communities	Syn-5_0_187	1956	EGFR
Synapse_PPI_Communities	Syn-4_9_13	4905	NSF
Synapse_PPI_Communities	Syn-4_9_13	8417	STX7
Synapse_PPI_Communities	Syn-4_9_13	10228	STX6
Synapse_PPI_Communities	Syn-4_9_13	7316	UBC
Synapse_PPI_Communities	Syn-4_9_13	8773	SNAP23
Synapse_PPI_Communities	Syn-4_9_13	8775	NAPA
Synapse_PPI_Communities	Syn-4_9_13	6811	STX5
Synapse_PPI_Communities	Syn-4_9_13	6616	SNAP25
Synapse_PPI_Communities	Syn-4_9_13	6810	STX4
Synapse_PPI_Communities	Syn-4_9_13	9342	SNAP29
Synapse_PPI_Communities	Syn-4_9_13	6845	VAMP7
Synapse_PPI_Communities	Syn-4_9_13	23673	STX12
Synapse_PPI_Communities	Syn-4_9_13	4899	NRF1
Synapse_PPI_Communities	Syn-4_32_5	161	AP2A2
Synapse_PPI_Communities	Syn-4_32_5	160	AP2A1
Synapse_PPI_Communities	Syn-4_32_5	273	AMPH
Synapse_PPI_Communities	Syn-4_32_5	274	BIN1
Synapse_PPI_Communities	Syn-4_32_5	7316	UBC
Synapse_PPI_Communities	Syn-4_3_16	529	ATP6V1E1
Synapse_PPI_Communities	Syn-4_3_16	525	ATP6V1B1
Synapse_PPI_Communities	Syn-4_3_16	7316	UBC
Synapse_PPI_Communities	Syn-4_3_16	535	ATP6V0A1
Synapse_PPI_Communities	Syn-4_3_16	51382	ATP6V1D
Synapse_PPI_Communities	Syn-4_3_16	526	ATP6V1B2
Synapse_PPI_Communities	Syn-4_3_16	9296	ATP6V1F
Synapse_PPI_Communities	Syn-4_3_16	51606	ATP6V1H
Synapse_PPI_Communities	Syn-4_3_16	64924	SLC30A5
Synapse_PPI_Communities	Syn-4_3_16	10312	TCIRG1
Synapse_PPI_Communities	Syn-4_3_16	528	ATP6V1C1
Synapse_PPI_Communities	Syn-4_3_16	6222	RPS18
Synapse_PPI_Communities	Syn-4_3_16	6209	RPS15
Synapse_PPI_Communities	Syn-4_3_16	6844	VAMP2
Synapse_PPI_Communities	Syn-4_3_16	1244	ABCC2
Synapse_PPI_Communities	Syn-4_3_16	8301	PICALM
Synapse_PPI_Communities	Syn-4_23_10	51678	MPP6

Synapse_PPI_Communities	Syn-4_23_10	3768	KCNJ12
Synapse_PPI_Communities	Syn-4_23_10	8825	LIN7A
Synapse_PPI_Communities	Syn-4_23_10	7316	UBC
Synapse_PPI_Communities	Syn-4_23_10	1742	DLG4
Synapse_PPI_Communities	Syn-4_23_10	1740	DLG2
Synapse_PPI_Communities	Syn-4_23_10	2977	GUCY1A2
Synapse_PPI_Communities	Syn-4_23_10	140735	DYNLL2
Synapse_PPI_Communities	Syn-4_23_10	8655	DYNLL1
Synapse_PPI_Communities	Syn-4_23_10	4130	MAP1A
Synapse_PPI_Communities	Syn-4_0_509	1915	EEF1A1
Synapse_PPI_Communities	Syn-4_0_509	6128	RPL6
Synapse_PPI_Communities	Syn-4_0_509	6124	RPL4
Synapse_PPI_Communities	Syn-4_0_509	1938	EEF2
Synapse_PPI_Communities	Syn-4_0_509	6217	RPS16
Synapse_PPI_Communities	Syn-4_0_509	55832	CAND1
Synapse_PPI_Communities	Syn-4_0_509	140801	RPL10L
Synapse_PPI_Communities	Syn-4_0_509	6189	RPS3A
Synapse_PPI_Communities	Syn-4_0_509	7534	YWHAZ
Synapse_PPI_Communities	Syn-4_0_509	4738	NEDD8
Synapse_PPI_Communities	Syn-4_0_509	6152	RPL24
Synapse_PPI_Communities	Syn-4_0_509	6137	RPL13
Synapse_PPI_Communities	Syn-4_0_509	6205	RPS11
Synapse_PPI_Communities	Syn-4_0_509	6138	RPL15
Synapse_PPI_Communities	Syn-4_0_509	6193	RPS5
Synapse_PPI_Communities	Syn-4_0_509	6134	RPL10
Synapse_PPI_Communities	Syn-4_0_509	6132	RPL8
Synapse_PPI_Communities	Syn-4_0_509	6223	RPS19
Synapse_PPI_Communities	Syn-4_0_509	6130	RPL7A
Synapse_PPI_Communities	Syn-4_0_509	6135	RPL11
Synapse_PPI_Communities	Syn-4_0_509	6129	RPL7
Synapse_PPI_Communities	Syn-4_0_509	6224	RPS20
Synapse_PPI_Communities	Syn-4_0_509	6136	RPL12
Synapse_PPI_Communities	Syn-4_0_509	6141	RPL18
Synapse_PPI_Communities	Syn-4_0_509	6160	RPL31
Synapse_PPI_Communities	Syn-4_0_509	6144	RPL21
Synapse_PPI_Communities	Syn-4_0_509	6187	RPS2
Synapse_PPI_Communities	Syn-4_0_509	6228	RPS23
Synapse_PPI_Communities	Syn-4_0_509	4736	RPL10A
Synapse_PPI_Communities	Syn-4_0_509	6191	RPS4X
Synapse_PPI_Communities	Syn-4_0_509	6202	RPS8
Synapse_PPI_Communities	Syn-4_0_509	6194	RPS6
Synapse_PPI_Communities	Syn-4_0_509	6147	RPL23A
Synapse_PPI_Communities	Syn-4_0_509	6125	RPL5
Synapse_PPI_Communities	Syn-4_0_509	6188	RPS3
Synapse_PPI_Communities	Syn-4_0_509	6613	SUMO2
Synapse_PPI_Communities	Syn-4_0_509	7341	SUMO1
Synapse_PPI_Communities	Syn-4_0_509	10987	COPS5
Synapse_PPI_Communities	Syn-4_0_509	2335	FN1
Synapse_PPI_Communities	Syn-4_0_509	6218	RPS17
Synapse_PPI_Communities	Syn-4_0_509	6203	RPS9
Synapse_PPI_Communities	Syn-4_0_509	93185	IGSF8
Synapse_PPI_Communities	Syn-4_0_509	6155	RPL27
Synapse_PPI_Communities	Syn-4_0_509	6122	RPL3
Synapse_PPI_Communities	Syn-4_0_509	25873	RPL36
Synapse_PPI_Communities	Syn-4_0_509	6233	RPS27A
Synapse_PPI_Communities	Syn-4_0_509	6168	RPL37A
Synapse_PPI_Communities	Syn-4_0_509	292	SLC25A5
Synapse_PPI_Communities	Syn-4_0_509	6142	RPL18A

Synapse_PPI_Communities	Syn-4_0_509	7532	YWHAG
Synapse_PPI_Communities	Syn-4_0_509	7529	YWHAB
Synapse_PPI_Communities	Syn-4_0_509	7533	YWHAH
Synapse_PPI_Communities	Syn-4_0_509	9181	ARHGEF2
Synapse_PPI_Communities	Syn-4_0_509	7415	VCP
Synapse_PPI_Communities	Syn-4_0_509	6234	RPS28
Synapse_PPI_Communities	Syn-4_0_509	9045	RPL14
Synapse_PPI_Communities	Syn-4_0_509	3608	ILF2
Synapse_PPI_Communities	Syn-4_0_509	10528	NOP56
Synapse_PPI_Communities	Syn-4_0_509	6201	RPS7
Synapse_PPI_Communities	Syn-4_0_509	6230	RPS25
Synapse_PPI_Communities	Syn-4_0_509	6146	RPL22
Synapse_PPI_Communities	Syn-4_0_509	4691	NCL
Synapse_PPI_Communities	Syn-4_0_509	6139	RPL17
Synapse_PPI_Communities	Syn-4_0_509	6133	RPL9
Synapse_PPI_Communities	Syn-4_0_509	6159	RPL29
Synapse_PPI_Communities	Syn-4_0_509	6156	RPL30
Synapse_PPI_Communities	Syn-4_0_509	6229	RPS24
Synapse_PPI_Communities	Syn-4_0_509	6207	RPS13
Synapse_PPI_Communities	Syn-4_0_509	9349	RPL23
Synapse_PPI_Communities	Syn-4_0_509	220717	RPLP0P6
Synapse_PPI_Communities	Syn-4_0_509	6143	RPL19
Synapse_PPI_Communities	Syn-4_0_509	7203	CCT3
Synapse_PPI_Communities	Syn-4_0_509	10574	CCT7
Synapse_PPI_Communities	Syn-4_0_509	5516	PPP2CB
Synapse_PPI_Communities	Syn-4_0_509	10694	CCT8
Synapse_PPI_Communities	Syn-4_0_509	10014	HDAC5
Synapse_PPI_Communities	Syn-4_0_509	10575	CCT4
Synapse_PPI_Communities	Syn-4_0_509	6950	TCP1
Synapse_PPI_Communities	Syn-4_0_509	3676	ITGA4
Synapse_PPI_Communities	Syn-4_0_509	6176	RPLP1
Synapse_PPI_Communities	Syn-4_0_509	6175	RPLP0
Synapse_PPI_Communities	Syn-4_0_509	3609	ILF3
Synapse_PPI_Communities	Syn-4_0_509	3320	HSP90AA1
Synapse_PPI_Communities	Syn-4_0_509	6210	RPS15A
Synapse_PPI_Communities	Syn-4_0_509	2885	GRB2
Synapse_PPI_Communities	Syn-4_0_509	8452	CUL3
Synapse_PPI_Communities	Syn-4_0_509	6045	RNF2
Synapse_PPI_Communities	Syn-4_0_509	10971	YWHAQ
Synapse_PPI_Communities	Syn-4_0_509	2597	GAPDH
Synapse_PPI_Communities	Syn-4_0_509	203068	TUBB
Synapse_PPI_Communities	Syn-4_0_509	26270	FBXO6
Synapse_PPI_Communities	Syn-4_0_509	1017	CDK2
Synapse_PPI_Communities	Syn-4_0_509	3312	HSPA8
Synapse_PPI_Communities	Syn-4_0_509	8266	UBL4A
Synapse_PPI_Communities	Syn-4_0_509	8454	CUL1
Synapse_PPI_Communities	Syn-4_0_509	8065	CUL5
Synapse_PPI_Communities	Syn-4_0_509	409	ARRB2
Synapse_PPI_Communities	Syn-4_0_509	23435	TARDBP
Synapse_PPI_Communities	Syn-4_0_509	3921	RPSA
Synapse_PPI_Communities	Syn-4_0_509	6780	STAU1
Synapse_PPI_Communities	Syn-4_0_509	8453	CUL2
Synapse_PPI_Communities	Syn-4_0_509	7316	UBC
Synapse_PPI_Communities	Syn-4_0_509	975	CD81
Synapse_PPI_Communities	Syn-4_0_509	6222	RPS18
Synapse_PPI_Communities	Syn-4_0_509	55720	TSR1
Synapse_PPI_Communities	Syn-4_0_509	51065	RPS27L
Synapse_PPI_Communities	Syn-4_0_509	65220	NADK

Synapse_PPI_Communities	Syn-4_0_509	501	ALDH7A1
Synapse_PPI_Communities	Syn-4_0_509	26999	CYFIP2
Synapse_PPI_Communities	Syn-4_0_509	9493	KIF23
Synapse_PPI_Communities	Syn-4_0_509	811	CALR
Synapse_PPI_Communities	Syn-4_0_509	7184	HSP90B1
Synapse_PPI_Communities	Syn-4_0_509	5034	P4HB
Synapse_PPI_Communities	Syn-4_0_509	23193	GANAB
Synapse_PPI_Communities	Syn-4_0_509	5589	PRKCSH
Synapse_PPI_Communities	Syn-4_0_509	51602	NOP58
Synapse_PPI_Communities	Syn-4_0_509	11224	RPL35
Synapse_PPI_Communities	Syn-4_0_509	7979	SHFM1
Synapse_PPI_Communities	Syn-4_0_509	10514	MYBBP1A
Synapse_PPI_Communities	Syn-4_0_509	9770	RASSF2
Synapse_PPI_Communities	Syn-4_0_509	7846	TUBA1A
Synapse_PPI_Communities	Syn-4_0_509	27430	MAT2B
Synapse_PPI_Communities	Syn-4_0_509	83992	CTTNBP2
Synapse_PPI_Communities	Syn-4_0_509	3646	EIF3E
Synapse_PPI_Communities	Syn-4_0_509	85440	DOCK7
Synapse_PPI_Communities	Syn-4_0_509	27044	SND1
Synapse_PPI_Communities	Syn-4_0_509	29109	FHOD1
Synapse_PPI_Communities	Syn-4_0_509	60	ACTB
Synapse_PPI_Communities	Syn-4_0_509	71	ACTG1
Synapse_PPI_Communities	Syn-4_0_509	5127	CDK16
Synapse_PPI_Communities	Syn-4_0_509	369	ARAF
Synapse_PPI_Communities	Syn-4_0_509	65125	WNK1
Synapse_PPI_Communities	Syn-4_0_509	6232	RPS27
Synapse_PPI_Communities	Syn-4_0_509	9101	USP8
Synapse_PPI_Communities	Syn-4_0_509	5230	PGK1
Synapse_PPI_Communities	Syn-4_0_509	2023	ENO1
Synapse_PPI_Communities	Syn-4_0_509	7167	TPI1
Synapse_PPI_Communities	Syn-4_0_509	8661	EIF3A
Synapse_PPI_Communities	Syn-4_0_509	10576	CCT2
Synapse_PPI_Communities	Syn-4_0_509	5520	PPP2R2A
Synapse_PPI_Communities	Syn-4_0_509	6801	STRN
Synapse_PPI_Communities	Syn-4_0_509	908	CCT6A
Synapse_PPI_Communities	Syn-4_0_509	23450	SF3B3
Synapse_PPI_Communities	Syn-4_0_509	6208	RPS14
Synapse_PPI_Communities	Syn-4_0_509	23327	NEDD4L
Synapse_PPI_Communities	Syn-4_0_509	6209	RPS15
Synapse_PPI_Communities	Syn-4_0_509	4486	MST1R
Synapse_PPI_Communities	Syn-4_0_509	10133	OPTN
Synapse_PPI_Communities	Syn-4_0_509	10238	DCAF7
Synapse_PPI_Communities	Syn-4_0_509	6157	RPL27A
Synapse_PPI_Communities	Syn-4_0_509	2539	G6PD
Synapse_PPI_Communities	Syn-4_0_509	6927	HNF1A
Synapse_PPI_Communities	Syn-4_0_509	6231	RPS26
Synapse_PPI_Communities	Syn-4_0_509	5524	PPP2R4
Synapse_PPI_Communities	Syn-4_0_509	29966	STRN3
Synapse_PPI_Communities	Syn-4_0_509	5531	PPP4C
Synapse_PPI_Communities	Syn-4_0_509	3799	KIF5B
Synapse_PPI_Communities	Syn-4_0_509	89953	KLC4
Synapse_PPI_Communities	Syn-4_0_509	22948	CCT5
Synapse_PPI_Communities	Syn-4_0_509	4670	HNRNPM
Synapse_PPI_Communities	Syn-4_0_509	7531	YWHAE
Synapse_PPI_Communities	Syn-4_0_509	351	APP
Synapse_PPI_Communities	Syn-4_0_509	6227	RPS21
Synapse_PPI_Communities	Syn-4_0_509	5747	PTK2
Synapse_PPI_Communities	Syn-4_0_509	23367	LARP1

Synapse_PPI_Communities	Syn-4_0_509	1029	CDKN2A
Synapse_PPI_Communities	Syn-4_0_509	8428	STK24
Synapse_PPI_Communities	Syn-4_0_509	5521	PPP2R2B
Synapse_PPI_Communities	Syn-4_0_509	1499	CTNNB1
Synapse_PPI_Communities	Syn-4_0_509	7345	UCHL1
Synapse_PPI_Communities	Syn-4_0_509	1956	EGFR
Synapse_PPI_Communities	Syn-4_0_509	3303	HSPA1A
Synapse_PPI_Communities	Syn-4_0_509	5062	PAK2
Synapse_PPI_Communities	Syn-4_0_509	135138	PACRG
Synapse_PPI_Communities	Syn-4_0_509	4904	YBX1
Synapse_PPI_Communities	Syn-4_0_509	3313	HSPA9
Synapse_PPI_Communities	Syn-4_0_509	5580	PRKCD
Synapse_PPI_Communities	Syn-4_0_509	10399	GNB2L1
Synapse_PPI_Communities	Syn-4_0_509	7414	VCL
Synapse_PPI_Communities	Syn-4_0_509	26986	PABPC1
Synapse_PPI_Communities	Syn-4_0_509	3309	HSPA5
Synapse_PPI_Communities	Syn-4_0_509	80086	TUBA4B
Synapse_PPI_Communities	Syn-4_0_509	1173	AP2M1
Synapse_PPI_Communities	Syn-4_0_509	84790	TUBA1C
Synapse_PPI_Communities	Syn-4_0_509	5515	PPP2CA
Synapse_PPI_Communities	Syn-4_0_509	25	ABL1
Synapse_PPI_Communities	Syn-4_0_509	3383	ICAM1
Synapse_PPI_Communities	Syn-4_0_509	3476	IGBP1
Synapse_PPI_Communities	Syn-4_0_509	2932	GSK3B
Synapse_PPI_Communities	Syn-4_0_509	6622	SNCA
Synapse_PPI_Communities	Syn-4_0_509	4193	MDM2
Synapse_PPI_Communities	Syn-4_0_509	5598	MAPK7
Synapse_PPI_Communities	Syn-4_0_509	6711	SPTBN1
Synapse_PPI_Communities	Syn-4_0_509	6709	SPTAN1
Synapse_PPI_Communities	Syn-4_0_509	867	CBL
Synapse_PPI_Communities	Syn-4_0_509	9531	BAG3
Synapse_PPI_Communities	Syn-4_0_509	4627	MYH9
Synapse_PPI_Communities	Syn-4_0_509	84959	UBASH3B
Synapse_PPI_Communities	Syn-4_0_509	1386	ATF2
Synapse_PPI_Communities	Syn-4_0_509	3014	H2AFX
Synapse_PPI_Communities	Syn-4_0_509	5684	PSMA3
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Synapse_PPI_Communities	Syn-4_0_509	1994	ELAVL1
Synapse_PPI_Communities	Syn-4_0_509	408	ARRB1
Synapse_PPI_Communities	Syn-4_0_509	2099	ESR1
Synapse_PPI_Communities	Syn-4_0_509	9924	PAN2
Synapse_PPI_Communities	Syn-4_0_509	54165	DCUN1D1
Synapse_PPI_Communities	Syn-4_0_509	1457	CSNK2A1
Synapse_PPI_Communities	Syn-4_0_509	9775	EIF4A3
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Synapse_PPI_Communities	Syn-4_0_509	6464	SHC1
Synapse_PPI_Communities	Syn-4_0_509	10537	UBD
Synapse_PPI_Communities	Syn-4_0_509	708	C1QBP
Synapse_PPI_Communities	Syn-4_0_509	5052	PRDX1
Synapse_PPI_Communities	Syn-4_0_509	5518	PPP2R1A
Synapse_PPI_Communities	Syn-4_0_509	302	ANXA2
Synapse_PPI_Communities	Syn-4_0_509	5071	PARK2
Synapse_PPI_Communities	Syn-4_0_509	7412	VCAM1
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Synapse_PPI_Communities	Syn-4_0_509	51547	SIRT7
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Synapse_PPI_Communities	Syn-4_0_509	4869	NPM1
Synapse_PPI_Communities	Syn-4_0_509	154	ADRB2

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Synapse_PPI_Communities	Syn-4_0_509	57154	SMURF1
Synapse_PPI_Communities	Syn-4_0_509	59342	SCPEP1
Synapse_PPI_Communities	Syn-4_0_509	7317	UBA1
Synapse_PPI_Communities	Syn-4_0_509	16	AARS
Synapse_PPI_Communities	Syn-4_0_509	1827	RCAN1
Synapse_PPI_Communities	Syn-4_0_509	29127	RACGAP1
Synapse_PPI_Communities	Syn-4_0_509	55103	RALGPS2
Synapse_PPI_Communities	Syn-4_0_509	8729	GBF1
Synapse_PPI_Communities	Syn-4_0_509	728689	EIF3CL
Synapse_PPI_Communities	Syn-4_0_509	3308	HSPA4
Synapse_PPI_Communities	Syn-4_0_509	9555	H2AFY
Synapse_PPI_Communities	Syn-4_0_509	84365	MKI67IP
Synapse_PPI_Communities	Syn-4_0_509	6158	RPL28
Synapse_PPI_Communities	Syn-4_0_509	26354	GNL3
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Synapse_PPI_Communities	Syn-4_0_509	6500	SKP1
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Synapse_PPI_Communities	Syn-4_0_509	2194	FASN
Synapse_PPI_Communities	Syn-4_0_509	7170	TPM3
Synapse_PPI_Communities	Syn-4_0_509	6235	RPS29
Synapse_PPI_Communities	Syn-4_0_509	2091	FBL
Synapse_PPI_Communities	Syn-4_0_509	1508	CTSB
Synapse_PPI_Communities	Syn-4_0_509	4809	NHP2L1
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Synapse_PPI_Communities	Syn-4_0_509	9921	RNF10
Synapse_PPI_Communities	Syn-4_0_509	55646	LYAR
Synapse_PPI_Communities	Syn-4_0_509	4139	MARK1
Synapse_PPI_Communities	Syn-4_0_509	6737	TRIM21
Synapse_PPI_Communities	Syn-4_0_509	9156	EXO1
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Synapse_PPI_Communities	Syn-4_0_509	4839	NOP2
Synapse_PPI_Communities	Syn-4_0_509	23332	CLASP1
Synapse_PPI_Communities	Syn-4_0_509	80153	EDC3
Synapse_PPI_Communities	Syn-4_0_509	55095	SAMD4B
Synapse_PPI_Communities	Syn-4_0_509	26064	RAI14
Synapse_PPI_Communities	Syn-4_0_509	51386	EIF3L
Synapse_PPI_Communities	Syn-4_0_509	3018	HIST1H2BB
Synapse_PPI_Communities	Syn-4_0_509	29968	PSAT1
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Synapse_PPI_Communities	Syn-4_0_509	6651	SON
Synapse_PPI_Communities	Syn-4_0_509	4113	MAGEB2
Synapse_PPI_Communities	Syn-4_0_509	23020	SNRNP200
Synapse_PPI_Communities	Syn-4_0_509	3106	HLA-B
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Synapse_PPI_Communities	Syn-4_0_509	9414	TJP2
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Synapse_PPI_Communities	Syn-4_0_509	4629	MYH11
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Synapse_PPI_Communities	Syn-4_0_509	54606	DDX56
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Synapse_PPI_Communities	Syn-4_0_509	5687	PSMA6
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Synapse_PPI_Communities	Syn-4_0_509	6154	RPL26

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Synapse_PPI_Communities	Syn-4_0_509	5585	PKN1
Synapse_PPI_Communities	Syn-4_0_509	84305	WIBG
Synapse_PPI_Communities	Syn-4_0_509	23313	KIAA0930
Synapse_PPI_Communities	Syn-4_0_509	22827	PUF60
Synapse_PPI_Communities	Syn-4_0_509	9978	RBX1
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Synapse_PPI_Communities	Syn-4_0_509	5049	PAFAH1B2
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Synapse_PPI_Communities	Syn-4_0_509	7001	PRDX2
Synapse_PPI_Communities	Syn-4_0_509	261726	TIPRL
Synapse_PPI_Communities	Syn-4_0_509	3621	ING1
Synapse_PPI_Communities	Syn-4_0_509	28960	DCPS
Synapse_PPI_Communities	Syn-4_0_509	821	CANX
Synapse_PPI_Communities	Syn-4_0_509	7248	TSC1
Synapse_PPI_Communities	Syn-4_0_509	1676	DFFA
Synapse_PPI_Communities	Syn-4_0_509	5128	CDK17
Synapse_PPI_Communities	Syn-4_0_509	10979	FERMT2
Synapse_PPI_Communities	Syn-4_0_509	9967	THRAP3
Synapse_PPI_Communities	Syn-4_0_509	26227	PHGDH
Synapse_PPI_Communities	Syn-4_0_509	5686	PSMA5
Synapse_PPI_Communities	Syn-4_0_509	55054	ATG16L1
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Synapse_PPI_Communities	Syn-4_0_509	6733	SRPK2
Synapse_PPI_Communities	Syn-4_0_509	7280	TUBB2A
Synapse_PPI_Communities	Syn-4_0_509	11344	TWF2
Synapse_PPI_Communities	Syn-4_0_509	3098	HK1
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Synapse_PPI_Communities	Syn-4_0_509	7965	AIMP2
Synapse_PPI_Communities	Syn-4_0_509	6161	RPL32
Synapse_PPI_Communities	Syn-4_0_509	26259	FBXW8
Synapse_PPI_Communities	Syn-4_0_509	7128	TNFAIP3
Synapse_PPI_Communities	Syn-4_0_509	80335	WDR82
Synapse_PPI_Communities	Syn-4_0_509	10915	TCERG1
Synapse_PPI_Communities	Syn-4_0_509	56061	UBFD1
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Synapse_PPI_Communities	Syn-4_0_509	6612	SUMO3
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Synapse_PPI_Communities	Syn-4_0_509	10413	YAP1
Synapse_PPI_Communities	Syn-4_0_509	1778	DYNC1H1
Synapse_PPI_Communities	Syn-4_0_509	2316	FLNA
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Synapse_PPI_Communities	Syn-4_0_509	30011	SH3KBP1
Synapse_PPI_Communities	Syn-4_0_509	8867	SYNJ1
Synapse_PPI_Communities	Syn-4_0_509	7337	UBE3A
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Synapse_PPI_Communities	Syn-4_0_509	5058	PAK1
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Synapse_PPI_Communities	Syn-4_0_509	3191	HNRNPL

Synapse_PPI_Communities	Syn-4_0_509	8471	IRS4
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Synapse_PPI_Communities	Syn-4_0_509	2869	GRK5
Synapse_PPI_Communities	Syn-4_0_509	1175	AP2S1
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Synapse_PPI_Communities	Syn-4_0_509	6206	RPS12
Synapse_PPI_Communities	Syn-4_0_509	5289	PIK3C3
Synapse_PPI_Communities	Syn-4_0_509	1665	DHX15
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Synapse_PPI_Communities	Syn-4_0_509	8161	COIL
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Synapse_PPI_Communities	Syn-4_0_509	2197	FAU
Synapse_PPI_Communities	Syn-4_0_509	8533	COPS3
Synapse_PPI_Communities	Syn-4_0_509	6204	RPS10
Synapse_PPI_Communities	Syn-4_0_509	3875	KRT18
Synapse_PPI_Communities	Syn-4_0_509	1027	CDKN1B
Synapse_PPI_Communities	Syn-4_0_509	5621	PRNP
Synapse_PPI_Communities	Syn-4_0_509	23411	SIRT1
Synapse_PPI_Communities	Syn-4_0_509	10130	PDIA6
Synapse_PPI_Communities	Syn-4_0_509	871	SERPINH1
Synapse_PPI_Communities	Syn-4_0_509	984	CDK11B
Synapse_PPI_Communities	Syn-4_0_509	5226	PGD
Synapse_PPI_Communities	Syn-4_0_509	3939	LDHA
Synapse_PPI_Communities	Syn-4_0_509	51631	LUC7L2
Synapse_PPI_Communities	Syn-4_0_509	26135	SERBP1
Synapse_PPI_Communities	Syn-4_0_509	4214	MAP3K1
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Synapse_PPI_Communities	Syn-4_0_509	817	CAMK2D
Synapse_PPI_Communities	Syn-4_0_509	64326	RFWD2
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Synapse_PPI_Communities	Syn-4_0_509	5894	RAF1
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Synapse_PPI_Communities	Syn-4_0_509	11198	SUPT16H
Synapse_PPI_Communities	Syn-4_0_509	5886	RAD23A
Synapse_PPI_Communities	Syn-4_0_509	2010	EMD
Synapse_PPI_Communities	Syn-4_0_509	1973	EIF4A1
Synapse_PPI_Communities	Syn-4_0_509	1983	EIF5
Synapse_PPI_Communities	Syn-4_0_509	11345	GABARAPL2
Synapse_PPI_Communities	Syn-4_0_509	5584	PRKCI
Synapse_PPI_Communities	Syn-4_0_509	142	PARP1
Synapse_PPI_Communities	Syn-4_0_509	3304	HSPA1B
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Synapse_PPI_Communities	Syn-4_0_509	7334	UBE2N
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Synapse_PPI_Communities	Syn-4_0_509	25843	MOB4
Synapse_PPI_Communities	Syn-4_0_509	3800	KIF5C
Synapse_PPI_Communities	Syn-4_0_509	3692	EIF6
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Synapse_PPI_Communities	Syn-4_0_509	2923	PDIA3
Synapse_PPI_Communities	Syn-4_0_509	23095	KIF1B
Synapse_PPI_Communities	Syn-4_0_509	4628	MYH10

Synapse_PPI_Communities	Syn-4_0_509	8766	RAB11A
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Synapse_PPI_Communities	Syn-4_0_509	4088	SMAD3
Synapse_PPI_Communities	Syn-4_0_509	55611	OTUB1
Synapse_PPI_Communities	Syn-4_0_509	4851	NOTCH1
Synapse_PPI_Communities	Syn-4_0_509	3831	KLC1
Synapse_PPI_Communities	Syn-4_0_509	3945	LDHB
Synapse_PPI_Communities	Syn-4_0_509	1025	CDK9
Synapse_PPI_Communities	Syn-4_0_509	10787	NCKAP1
Synapse_PPI_Communities	Syn-4_0_509	1432	MAPK14
Synapse_PPI_Communities	Syn-4_0_509	1655	DDX5
Synapse_PPI_Communities	Syn-4_0_509	51762	RAB8B
Synapse_PPI_Communities	Syn-4_0_509	3187	HNRNPH1
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Synapse_PPI_Communities	Syn-4_0_509	3192	HNRNPU
Synapse_PPI_Communities	Syn-4_0_509	10376	TUBA1B
Synapse_PPI_Communities	Syn-4_0_509	10381	TUBB3
Synapse_PPI_Communities	Syn-4_0_509	5604	MAP2K1
Synapse_PPI_Communities	Syn-4_0_509	5591	PRKDC
Synapse_PPI_Communities	Syn-4_0_509	5111	PCNA
Synapse_PPI_Communities	Syn-4_0_509	1660	DHX9
Synapse_PPI_Communities	Syn-4_0_509	5478	PPIA
Synapse_PPI_Communities	Syn-4_0_509	3178	HNRNPA1
Synapse_PPI_Communities	Syn-4_0_509	826	CAPNS1
Synapse_PPI_Communities	Syn-4_0_509	5048	PAFAH1B1
Synapse_PPI_Communities	Syn-4_0_509	5590	PRKCZ
Synapse_PPI_Communities	Syn-4_0_509	5683	PSMA2
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Synapse_PPI_Communities	Syn-4_0_509	8826	IQGAP1
Synapse_PPI_Communities	Syn-4_0_509	1488	CTBP2
Synapse_PPI_Communities	Syn-4_0_509	1937	EEF1G
Synapse_PPI_Communities	Syn-4_0_509	2631	GBAS
Synapse_PPI_Communities	Syn-4_0_509	7431	VIM
Synapse_PPI_Communities	Syn-4_0_509	10383	TUBB4B
Synapse_PPI_Communities	Syn-4_0_509	1500	CTNND1
Synapse_PPI_Communities	Syn-4_0_509	1495	CTNNA1
Synapse_PPI_Communities	Syn-4_0_509	5663	PSEN1
Synapse_PPI_Communities	Syn-4_0_509	207	AKT1
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Synapse_PPI_Communities	Syn-4_0_509	10540	DCTN2
Synapse_PPI_Communities	Syn-4_0_509	3329	HSPD1
Synapse_PPI_Communities	Syn-4_0_509	999	CDH1
Synapse_PPI_Communities	Syn-4_0_509	6714	SRC
Synapse_PPI_Communities	Syn-4_0_509	7052	TGM2
Synapse_PPI_Communities	Syn-4_0_509	51377	UCHL5
Synapse_PPI_Communities	Syn-4_0_509	5536	PPP5C
Synapse_PPI_Communities	Syn-4_0_509	10963	STIP1
Synapse_PPI_Communities	Syn-4_0_509	9146	HGS
Synapse_PPI_Communities	Syn-4_0_509	4137	MAPT
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Synapse_PPI_Communities	Syn-4_0_509	8841	HDAC3
Synapse_PPI_Communities	Syn-4_0_509	506	ATP5B
Synapse_PPI_Communities	Syn-4_0_509	5245	PHB

Synapse_PPI_Communities	Syn-4_0_509	7157	TP53
Synapse_PPI_Communities	Syn-4_0_509	3190	HNRNPK
Synapse_PPI_Communities	Syn-4_0_509	1398	CRK
Synapse_PPI_Communities	Syn-4_0_509	51552	RAB14
Synapse_PPI_Communities	Syn-4_0_509	51741	WWOX
Synapse_PPI_Communities	Syn-4_0_509	988	CDC5L
Synapse_PPI_Communities	Syn-4_0_509	920	CD4
Synapse_PPI_Communities	Syn-4_0_509	8451	CUL4A
Synapse_PPI_Communities	Syn-4_0_509	5195	PEX14
Synapse_PPI_Communities	Syn-4_0_509	3184	HNRNPD
Synapse_PPI_Communities	Syn-4_0_509	1460	CSNK2B
Synapse_PPI_Communities	Syn-4_0_509	1026	CDKN1A
Synapse_PPI_Communities	Syn-4_0_509	26146	TRAF3IP1
Synapse_PPI_Communities	Syn-4_0_509	11034	DSTN
Synapse_PPI_Communities	Syn-4_0_509	7879	RAB7A
Synapse_PPI_Communities	Syn-4_0_509	5479	PPIB
Synapse_PPI_Communities	Syn-4_0_509	387082	SUMO4
Synapse_PPI_Communities	Syn-4_0_509	1627	DBN1
Synapse_PPI_Communities	Syn-4_0_509	4116	MAGOH
Synapse_PPI_Communities	Syn-4_0_509	5501	PPP1CC
Synapse_PPI_Communities	Syn-4_0_509	7086	TKT
Synapse_PPI_Communities	Syn-4_0_509	498	ATP5A1
Synapse_PPI_Communities	Syn-4_0_509	5879	RAC1
Synapse_PPI_Communities	Syn-4_0_509	5893	RAD52
Synapse_PPI_Communities	Syn-4_0_509	56257	MEPCE
Synapse_PPI_Communities	Syn-4_0_509	5216	PFN1
Synapse_PPI_Communities	Syn-4_0_509	3611	ILK
Synapse_PPI_Communities	Syn-4_0_509	10397	NDRG1
Synapse_PPI_Communities	Syn-4_0_509	6117	RPA1
Synapse_PPI_Communities	Syn-4_0_509	310	ANXA7
Synapse_PPI_Communities	Syn-4_0_509	301	ANXA1
Synapse_PPI_Communities	Syn-4_0_509	25895	METTL21B
Synapse_PPI_Communities	Syn-4_0_509	160	AP2A1
Synapse_PPI_Communities	Syn-4_0_509	161	AP2A2
Synapse_PPI_Communities	Syn-4_0_509	3301	DNAJA1
Synapse_PPI_Communities	Syn-4_0_509	7295	TXN
Synapse_PPI_Communities	Syn-4_0_509	10980	COPS6
Synapse_PPI_Communities	Syn-4_0_509	7428	VHL
Synapse_PPI_Communities	Syn-4_0_509	26260	FBXO25
Synapse_PPI_Communities	Syn-4_0_509	8726	EED
Synapse_PPI_Communities	Syn-4_0_509	5885	RAD21
Synapse_PPI_Communities	Syn-4_0_509	6119	RPA3
Synapse_PPI_Communities	Syn-4_0_509	4899	NRF1
Synapse_PPI_Communities	Syn-4_0_509	801	CALM1
Synapse_PPI_Communities	Syn-4_0_509	4609	MYC
Synapse_PPI_Communities	Syn-4_0_509	9636	ISG15
Synapse_PPI_Communities	Syn-4_0_509	6118	RPA2
Synapse_PPI_Communities	Syn-4_0_509	3837	KPNB1
Synapse_PPI_Communities	Syn-3_5_12	2891	GRIA2
Synapse_PPI_Communities	Syn-3_5_12	2901	GRIK5
Synapse_PPI_Communities	Syn-3_5_12	2895	GRID2
Synapse_PPI_Communities	Syn-3_5_12	6386	SDCBP
Synapse_PPI_Communities	Syn-3_5_12	2890	GRIA1
Synapse_PPI_Communities	Syn-3_5_12	2893	GRIA4
Synapse_PPI_Communities	Syn-3_5_12	10369	CACNG2
Synapse_PPI_Communities	Syn-3_5_12	2898	GRIK2
Synapse_PPI_Communities	Syn-3_5_12	1742	DLG4
Synapse_PPI_Communities	Syn-3_5_12	1741	DLG3

Synapse_PPI_Communities	Syn-3_5_12	23426	GRIP1
Synapse_PPI_Communities	Syn-3_5_12	9463	PICK1
Synapse_PPI_Communities	Syn-3_24_3	3897	L1CAM
Synapse_PPI_Communities	Syn-3_24_3	6900	CNTN2
Synapse_PPI_Communities	Syn-3_24_3	1463	NCAN
Synapse_PPI_Communities	Syn-3_1_3	6854	SYN2
Synapse_PPI_Communities	Syn-3_1_3	8224	SYN3
Synapse_PPI_Communities	Syn-3_1_3	9722	NOS1AP
Synapse_PPI_Communities	Syn-3_0_2312	1915	EEF1A1
Synapse_PPI_Communities	Syn-3_0_2312	6128	RPL6
Synapse_PPI_Communities	Syn-3_0_2312	6124	RPL4
Synapse_PPI_Communities	Syn-3_0_2312	1938	EEF2
Synapse_PPI_Communities	Syn-3_0_2312	6217	RPS16
Synapse_PPI_Communities	Syn-3_0_2312	55832	CAND1
Synapse_PPI_Communities	Syn-3_0_2312	140801	RPL10L
Synapse_PPI_Communities	Syn-3_0_2312	6189	RPS3A
Synapse_PPI_Communities	Syn-3_0_2312	7534	YWHAZ
Synapse_PPI_Communities	Syn-3_0_2312	4738	NEDD8
Synapse_PPI_Communities	Syn-3_0_2312	6152	RPL24
Synapse_PPI_Communities	Syn-3_0_2312	6137	RPL13
Synapse_PPI_Communities	Syn-3_0_2312	6205	RPS11
Synapse_PPI_Communities	Syn-3_0_2312	6138	RPL15
Synapse_PPI_Communities	Syn-3_0_2312	6193	RPS5
Synapse_PPI_Communities	Syn-3_0_2312	6134	RPL10
Synapse_PPI_Communities	Syn-3_0_2312	6132	RPL8
Synapse_PPI_Communities	Syn-3_0_2312	6223	RPS19
Synapse_PPI_Communities	Syn-3_0_2312	6130	RPL7A
Synapse_PPI_Communities	Syn-3_0_2312	6135	RPL11
Synapse_PPI_Communities	Syn-3_0_2312	6129	RPL7
Synapse_PPI_Communities	Syn-3_0_2312	6224	RPS20
Synapse_PPI_Communities	Syn-3_0_2312	6136	RPL12
Synapse_PPI_Communities	Syn-3_0_2312	6141	RPL18
Synapse_PPI_Communities	Syn-3_0_2312	6160	RPL31
Synapse_PPI_Communities	Syn-3_0_2312	6144	RPL21
Synapse_PPI_Communities	Syn-3_0_2312	6187	RPS2
Synapse_PPI_Communities	Syn-3_0_2312	6228	RPS23
Synapse_PPI_Communities	Syn-3_0_2312	4736	RPL10A
Synapse_PPI_Communities	Syn-3_0_2312	6191	RPS4X
Synapse_PPI_Communities	Syn-3_0_2312	6202	RPS8
Synapse_PPI_Communities	Syn-3_0_2312	6194	RPS6
Synapse_PPI_Communities	Syn-3_0_2312	6147	RPL23A
Synapse_PPI_Communities	Syn-3_0_2312	6125	RPL5
Synapse_PPI_Communities	Syn-3_0_2312	6188	RPS3
Synapse_PPI_Communities	Syn-3_0_2312	6613	SUMO2
Synapse_PPI_Communities	Syn-3_0_2312	7341	SUMO1
Synapse_PPI_Communities	Syn-3_0_2312	10987	COPS5
Synapse_PPI_Communities	Syn-3_0_2312	2335	FN1
Synapse_PPI_Communities	Syn-3_0_2312	6218	RPS17
Synapse_PPI_Communities	Syn-3_0_2312	6203	RPS9
Synapse_PPI_Communities	Syn-3_0_2312	93185	IGSF8
Synapse_PPI_Communities	Syn-3_0_2312	6155	RPL27
Synapse_PPI_Communities	Syn-3_0_2312	6122	RPL3
Synapse_PPI_Communities	Syn-3_0_2312	25873	RPL36
Synapse_PPI_Communities	Syn-3_0_2312	6233	RPS27A
Synapse_PPI_Communities	Syn-3_0_2312	6168	RPL37A
Synapse_PPI_Communities	Syn-3_0_2312	292	SLC25A5
Synapse_PPI_Communities	Syn-3_0_2312	6142	RPL18A
Synapse_PPI_Communities	Syn-3_0_2312	7532	YWHAG

Synapse_PPI_Communities	Syn-3_0_2312	7529	YWHAB
Synapse_PPI_Communities	Syn-3_0_2312	7533	YWHAH
Synapse_PPI_Communities	Syn-3_0_2312	9181	ARHGEF2
Synapse_PPI_Communities	Syn-3_0_2312	7415	VCP
Synapse_PPI_Communities	Syn-3_0_2312	6234	RPS28
Synapse_PPI_Communities	Syn-3_0_2312	9045	RPL14
Synapse_PPI_Communities	Syn-3_0_2312	3608	ILF2
Synapse_PPI_Communities	Syn-3_0_2312	10528	NOP56
Synapse_PPI_Communities	Syn-3_0_2312	6201	RPS7
Synapse_PPI_Communities	Syn-3_0_2312	6230	RPS25
Synapse_PPI_Communities	Syn-3_0_2312	6146	RPL22
Synapse_PPI_Communities	Syn-3_0_2312	4691	NCL
Synapse_PPI_Communities	Syn-3_0_2312	6139	RPL17
Synapse_PPI_Communities	Syn-3_0_2312	6133	RPL9
Synapse_PPI_Communities	Syn-3_0_2312	6159	RPL29
Synapse_PPI_Communities	Syn-3_0_2312	6156	RPL30
Synapse_PPI_Communities	Syn-3_0_2312	6229	RPS24
Synapse_PPI_Communities	Syn-3_0_2312	6207	RPS13
Synapse_PPI_Communities	Syn-3_0_2312	9349	RPL23
Synapse_PPI_Communities	Syn-3_0_2312	220717	RPLP0P6
Synapse_PPI_Communities	Syn-3_0_2312	6143	RPL19
Synapse_PPI_Communities	Syn-3_0_2312	7203	CCT3
Synapse_PPI_Communities	Syn-3_0_2312	10574	CCT7
Synapse_PPI_Communities	Syn-3_0_2312	5516	PPP2CB
Synapse_PPI_Communities	Syn-3_0_2312	10694	CCT8
Synapse_PPI_Communities	Syn-3_0_2312	10014	HDAC5
Synapse_PPI_Communities	Syn-3_0_2312	10575	CCT4
Synapse_PPI_Communities	Syn-3_0_2312	6950	TCP1
Synapse_PPI_Communities	Syn-3_0_2312	3676	ITGA4
Synapse_PPI_Communities	Syn-3_0_2312	6176	RPLP1
Synapse_PPI_Communities	Syn-3_0_2312	6175	RPLP0
Synapse_PPI_Communities	Syn-3_0_2312	3609	ILF3
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Synapse_PPI_Communities	Syn-3_0_2312	6210	RPS15A
Synapse_PPI_Communities	Syn-3_0_2312	2885	GRB2
Synapse_PPI_Communities	Syn-3_0_2312	8452	CUL3
Synapse_PPI_Communities	Syn-3_0_2312	6045	RNF2
Synapse_PPI_Communities	Syn-3_0_2312	10971	YWHAQ
Synapse_PPI_Communities	Syn-3_0_2312	2597	GAPDH
Synapse_PPI_Communities	Syn-3_0_2312	203068	TUBB
Synapse_PPI_Communities	Syn-3_0_2312	26270	FBXO6
Synapse_PPI_Communities	Syn-3_0_2312	1017	CDK2
Synapse_PPI_Communities	Syn-3_0_2312	3312	HSPA8
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Synapse_PPI_Communities	Syn-3_0_2312	8454	CUL1
Synapse_PPI_Communities	Syn-3_0_2312	8065	CUL5
Synapse_PPI_Communities	Syn-3_0_2312	409	ARRB2
Synapse_PPI_Communities	Syn-3_0_2312	23435	TARDBP
Synapse_PPI_Communities	Syn-3_0_2312	3921	RPSA
Synapse_PPI_Communities	Syn-3_0_2312	6780	STAU1
Synapse_PPI_Communities	Syn-3_0_2312	8453	CUL2
Synapse_PPI_Communities	Syn-3_0_2312	7316	UBC
Synapse_PPI_Communities	Syn-3_0_2312	975	CD81
Synapse_PPI_Communities	Syn-3_0_2312	6222	RPS18
Synapse_PPI_Communities	Syn-3_0_2312	55720	TSR1
Synapse_PPI_Communities	Syn-3_0_2312	51065	RPS27L
Synapse_PPI_Communities	Syn-3_0_2312	65220	NADK
Synapse_PPI_Communities	Syn-3_0_2312	501	ALDH7A1

Synapse_PPI_Communities	Syn-3_0_2312	26999	CYFIP2
Synapse_PPI_Communities	Syn-3_0_2312	9493	KIF23
Synapse_PPI_Communities	Syn-3_0_2312	811	CALR
Synapse_PPI_Communities	Syn-3_0_2312	7184	HSP90B1
Synapse_PPI_Communities	Syn-3_0_2312	5034	P4HB
Synapse_PPI_Communities	Syn-3_0_2312	23193	GANAB
Synapse_PPI_Communities	Syn-3_0_2312	5589	PRKCSH
Synapse_PPI_Communities	Syn-3_0_2312	51602	NOP58
Synapse_PPI_Communities	Syn-3_0_2312	11224	RPL35
Synapse_PPI_Communities	Syn-3_0_2312	7979	SHFM1
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Synapse_PPI_Communities	Syn-3_0_2312	9770	RASSF2
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Synapse_PPI_Communities	Syn-3_0_2312	83992	CTTNBP2
Synapse_PPI_Communities	Syn-3_0_2312	3646	EIF3E
Synapse_PPI_Communities	Syn-3_0_2312	85440	DOCK7
Synapse_PPI_Communities	Syn-3_0_2312	27044	SND1
Synapse_PPI_Communities	Syn-3_0_2312	29109	FHOD1
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Synapse_PPI_Communities	Syn-3_0_2312	5127	CDK16
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Synapse_PPI_Communities	Syn-3_0_2312	6232	RPS27
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Synapse_PPI_Communities	Syn-3_0_2312	5230	PGK1
Synapse_PPI_Communities	Syn-3_0_2312	2023	ENO1
Synapse_PPI_Communities	Syn-3_0_2312	7167	TPI1
Synapse_PPI_Communities	Syn-3_0_2312	8661	EIF3A
Synapse_PPI_Communities	Syn-3_0_2312	10093	ARPC4
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Synapse_PPI_Communities	Syn-3_0_2312	5566	PRKACA
Synapse_PPI_Communities	Syn-3_0_2312	80755	AARSD1
Synapse_PPI_Communities	Syn-3_0_2312	10576	CCT2
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Synapse_PPI_Communities	Syn-3_0_2312	6801	STRN
Synapse_PPI_Communities	Syn-3_0_2312	908	CCT6A
Synapse_PPI_Communities	Syn-3_0_2312	23450	SF3B3
Synapse_PPI_Communities	Syn-3_0_2312	7165	TPD52L2
Synapse_PPI_Communities	Syn-3_0_2312	6208	RPS14
Synapse_PPI_Communities	Syn-3_0_2312	23327	NEDD4L
Synapse_PPI_Communities	Syn-3_0_2312	2771	GNAI2
Synapse_PPI_Communities	Syn-3_0_2312	2099	ESR1
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Synapse_PPI_Communities	Syn-3_0_2312	2773	GNAI3
Synapse_PPI_Communities	Syn-3_0_2312	59345	GNB4
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Synapse_PPI_Communities	Syn-3_0_2312	6209	RPS15
Synapse_PPI_Communities	Syn-3_0_2312	529	ATP6V1E1
Synapse_PPI_Communities	Syn-3_0_2312	525	ATP6V1B1
Synapse_PPI_Communities	Syn-3_0_2312	535	ATP6V0A1
Synapse_PPI_Communities	Syn-3_0_2312	51382	ATP6V1D

Synapse_PPI_Communities	Syn-3_0_2312	526	ATP6V1B2
Synapse_PPI_Communities	Syn-3_0_2312	9296	ATP6V1F
Synapse_PPI_Communities	Syn-3_0_2312	51606	ATP6V1H
Synapse_PPI_Communities	Syn-3_0_2312	4486	MST1R
Synapse_PPI_Communities	Syn-3_0_2312	10133	OPTN
Synapse_PPI_Communities	Syn-3_0_2312	10238	DCAF7
Synapse_PPI_Communities	Syn-3_0_2312	6157	RPL27A
Synapse_PPI_Communities	Syn-3_0_2312	2539	G6PD
Synapse_PPI_Communities	Syn-3_0_2312	64924	SLC30A5
Synapse_PPI_Communities	Syn-3_0_2312	6927	HNF1A
Synapse_PPI_Communities	Syn-3_0_2312	6231	RPS26
Synapse_PPI_Communities	Syn-3_0_2312	6455	SH3GL1
Synapse_PPI_Communities	Syn-3_0_2312	10109	ARPC2
Synapse_PPI_Communities	Syn-3_0_2312	813	CALU
Synapse_PPI_Communities	Syn-3_0_2312	5524	PPP2R4
Synapse_PPI_Communities	Syn-3_0_2312	29966	STRN3
Synapse_PPI_Communities	Syn-3_0_2312	5531	PPP4C
Synapse_PPI_Communities	Syn-3_0_2312	3799	KIF5B
Synapse_PPI_Communities	Syn-3_0_2312	89953	KLC4
Synapse_PPI_Communities	Syn-3_0_2312	22948	CCT5
Synapse_PPI_Communities	Syn-3_0_2312	10094	ARPC3
Synapse_PPI_Communities	Syn-3_0_2312	4670	HNRNPM
Synapse_PPI_Communities	Syn-3_0_2312	7531	YWHAE
Synapse_PPI_Communities	Syn-3_0_2312	351	APP
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Synapse_PPI_Communities	Syn-3_0_2312	2783	GNB2
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Synapse_PPI_Communities	Syn-3_0_2312	23367	LARP1
Synapse_PPI_Communities	Syn-3_0_2312	1029	CDKN2A
Synapse_PPI_Communities	Syn-3_0_2312	8428	STK24
Synapse_PPI_Communities	Syn-3_0_2312	5521	PPP2R2B
Synapse_PPI_Communities	Syn-3_0_2312	1499	CTNNB1
Synapse_PPI_Communities	Syn-3_0_2312	7345	UCHL1
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Synapse_PPI_Communities	Syn-3_0_2312	3303	HSPA1A
Synapse_PPI_Communities	Syn-3_0_2312	5062	PAK2
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Synapse_PPI_Communities	Syn-3_0_2312	10399	GNB2L1
Synapse_PPI_Communities	Syn-3_0_2312	7414	VCL
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Synapse_PPI_Communities	Syn-3_0_2312	3383	ICAM1
Synapse_PPI_Communities	Syn-3_0_2312	3476	IGBP1
Synapse_PPI_Communities	Syn-3_0_2312	2932	GSK3B
Synapse_PPI_Communities	Syn-3_0_2312	6622	SNCA
Synapse_PPI_Communities	Syn-3_0_2312	4193	MDM2
Synapse_PPI_Communities	Syn-3_0_2312	5598	MAPK7
Synapse_PPI_Communities	Syn-3_0_2312	6711	SPTBN1
Synapse_PPI_Communities	Syn-3_0_2312	6709	SPTAN1

Synapse_PPI_Communities	Syn-3_0_2312	867	CBL
Synapse_PPI_Communities	Syn-3_0_2312	9531	BAG3
Synapse_PPI_Communities	Syn-3_0_2312	4627	MYH9
Synapse_PPI_Communities	Syn-3_0_2312	84959	UBASH3B
Synapse_PPI_Communities	Syn-3_0_2312	1386	ATF2
Synapse_PPI_Communities	Syn-3_0_2312	3014	H2AFX
Synapse_PPI_Communities	Syn-3_0_2312	5684	PSMA3
Synapse_PPI_Communities	Syn-3_0_2312	9657	IQCB1
Synapse_PPI_Communities	Syn-3_0_2312	1994	ELAVL1
Synapse_PPI_Communities	Syn-3_0_2312	408	ARRB1
Synapse_PPI_Communities	Syn-3_0_2312	9924	PAN2
Synapse_PPI_Communities	Syn-3_0_2312	54165	DCUN1D1
Synapse_PPI_Communities	Syn-3_0_2312	1457	CSNK2A1
Synapse_PPI_Communities	Syn-3_0_2312	9775	EIF4A3
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Synapse_PPI_Communities	Syn-3_0_2312	6464	SHC1
Synapse_PPI_Communities	Syn-3_0_2312	10537	UBD
Synapse_PPI_Communities	Syn-3_0_2312	708	C1QBP
Synapse_PPI_Communities	Syn-3_0_2312	5052	PRDX1
Synapse_PPI_Communities	Syn-3_0_2312	5518	PPP2R1A
Synapse_PPI_Communities	Syn-3_0_2312	302	ANXA2
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Synapse_PPI_Communities	Syn-3_0_2312	310	ANXA7
Synapse_PPI_Communities	Syn-3_0_2312	7334	UBE2N
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Synapse_PPI_Communities	Syn-3_0_2312	3692	EIF6
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Synapse_PPI_Communities	Syn-3_0_2312	7879	RAB7A
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Synapse_PPI_Communities	Syn-3_0_2312	7416	VDAC1
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Synapse_PPI_Communities	Syn-3_0_2312	1000	CDH2
Synapse_PPI_Communities	Syn-3_0_2312	51762	RAB8B
Synapse_PPI_Communities	Syn-3_0_2312	1432	MAPK14
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Synapse_PPI_Communities	Syn-3_0_2312	6119	RPA3
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Synapse_PPI_Communities	Syn-3_0_2312	10540	DCTN2
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Synapse_PPI_Communities	Syn-3_0_2312	8943	AP3D1
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Synapse_PPI_Communities	Syn-3_0_2312	5586	PKN2
Synapse_PPI_Communities	Syn-3_0_2312	829	CAPZA1
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Synapse_PPI_Communities	Syn-3_0_2312	5306	PITPNA
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Synapse_PPI_Communities	Syn-3_0_2312	3127	HLA-DRB5
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Synapse_PPI_Communities	Syn-3_0_2312	51564	HDAC7
Synapse_PPI_Communities	Syn-3_0_2312	3852	KRT5
Synapse_PPI_Communities	Syn-3_0_2312	79598	CEP97
Synapse_PPI_Communities	Syn-3_0_2312	23118	TAB2
Synapse_PPI_Communities	Syn-3_0_2312	1191	CLU
Synapse_PPI_Communities	Syn-3_0_2312	9093	DNAJA3
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Synapse_PPI_Communities	Syn-3_0_2312	27101	CACYBP
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SZ_DE	CM_NO_SVA_UP_FDR_0.05	7803	PTP4A1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	4023	LPL
SZ_DE	CM_NO_SVA_UP_FDR_0.05	65065	NBEAL1

SZ_DE	CM_NO_SVA_UP_FDR_0.05	115827	RAB3C
SZ_DE	CM_NO_SVA_UP_FDR_0.05	1809	DPYSL3
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23603	CORO1C
SZ_DE	CM_NO_SVA_UP_FDR_0.05	4154	MBNL1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	403314	APOBEC4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	84919	PPP1R15B
SZ_DE	CM_NO_SVA_UP_FDR_0.05	91851	CHRDL1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8539	API5
SZ_DE	CM_NO_SVA_UP_FDR_0.05	5033	P4HA1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	22847	ZNF507
SZ_DE	CM_NO_SVA_UP_FDR_0.05	642273	FAM110C
SZ_DE	CM_NO_SVA_UP_FDR_0.05	113251	LARP4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	56937	PMEPA1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	6526	SLC5A3
SZ_DE	CM_NO_SVA_UP_FDR_0.05	56987	BBX
SZ_DE	CM_NO_SVA_UP_FDR_0.05	25849	PARM1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	114294	LACTB
SZ_DE	CM_NO_SVA_UP_FDR_0.05	51141	INSIG2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23240	KIAA0922
SZ_DE	CM_NO_SVA_UP_FDR_0.05	492311	IGIP
SZ_DE	CM_NO_SVA_UP_FDR_0.05	80351	TNKS2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	7436	VLDLR
SZ_DE	CM_NO_SVA_UP_FDR_0.05	64376	IKZF5
SZ_DE	CM_NO_SVA_UP_FDR_0.05	7223	TRPC4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	100505532	LOC100505532
SZ_DE	CM_NO_SVA_UP_FDR_0.05	283742	FAM98B
SZ_DE	CM_NO_SVA_UP_FDR_0.05	9317	PTER
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8545	CGGBP1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	2562	GABRB3
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23543	RBFOX2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10154	PLXNC1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23394	ADNP
SZ_DE	CM_NO_SVA_UP_FDR_0.05	91404	SESTD1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	57403	RAB22A
SZ_DE	CM_NO_SVA_UP_FDR_0.05	80124	VCPIP1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23210	JMJD6
SZ_DE	CM_NO_SVA_UP_FDR_0.05	22871	NLGN1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10168	ZNF197
SZ_DE	CM_NO_SVA_UP_FDR_0.05	284370	ZNF615
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8715	NOL4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	80155	NAA15
SZ_DE	CM_NO_SVA_UP_FDR_0.05	147339	C18orf25
SZ_DE	CM_NO_SVA_UP_FDR_0.05	11260	XPOT
SZ_DE	CM_NO_SVA_UP_FDR_0.05	7693	ZNF134
SZ_DE	CM_NO_SVA_UP_FDR_0.05	56986	DTWD1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8036	SHOC2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	9646	CTR9
SZ_DE	CM_NO_SVA_UP_FDR_0.05	6049	RNF6
SZ_DE	CM_NO_SVA_UP_FDR_0.05	152185	SPICE1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10622	POLR3G
SZ_DE	CM_NO_SVA_UP_FDR_0.05	140767	NRSN1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	9559	VPS26A
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10424	PGRMC2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10228	STX6
SZ_DE	CM_NO_SVA_UP_FDR_0.05	636	BICD1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	26052	DNM3
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10746	MAP3K2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23269	MGA

SZ_DE	CM_NO_SVA_UP_FDR_0.05	144402	CPNE8
SZ_DE	CM_NO_SVA_UP_FDR_0.05	85464	SSH2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	546	ATRX
SZ_DE	CM_NO_SVA_UP_FDR_0.05	55714	TENM3
SZ_DE	CM_NO_SVA_UP_FDR_0.05	6654	SOS1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10097	ACTR2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	64854	USP46
SZ_DE	CM_NO_SVA_UP_FDR_0.05	55668	GPATCH2L
SZ_DE	CM_NO_SVA_UP_FDR_0.05	57551	TAOK1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	64770	CCDC14
SZ_DE	CM_NO_SVA_UP_FDR_0.05	388558	ZNF808
SZ_DE	CM_NO_SVA_UP_FDR_0.05	84295	PHF6
SZ_DE	CM_NO_SVA_UP_FDR_0.05	116443	GRIN3A
SZ_DE	CM_NO_SVA_UP_FDR_0.05	100381270	ZBED6
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23039	XPO7
SZ_DE	CM_NO_SVA_UP_FDR_0.05	4289	MKLN1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	157807	CLVS1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	6400	SEL1L
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10794	ZNF460
SZ_DE	CM_NO_SVA_UP_FDR_0.05	56886	UGGT1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	55532	SLC30A10
SZ_DE	CM_NO_SVA_UP_FDR_0.05	3837	KPNB1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	688	KLF5
SZ_DE	CM_NO_SVA_UP_FDR_0.05	80223	RAB11FIP1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8898	MTMR2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	9069	CLDN12
SZ_DE	CM_NO_SVA_UP_FDR_0.05	4084	MXD1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	133746	JMY
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23049	SMG1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	26019	UPF2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	94122	SYTL5
SZ_DE	CM_NO_SVA_UP_FDR_0.05	65267	WNK3
SZ_DE	CM_NO_SVA_UP_FDR_0.05	2005	ELK4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	22908	SACM1L
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23369	PUM2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	101927455	LOC101927455
SZ_DE	CM_NO_SVA_UP_FDR_0.05	5494	PPM1A
SZ_DE	CM_NO_SVA_UP_FDR_0.05	340719	NANOS1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	54665	RSBN1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	5144	PDE4D
SZ_DE	CM_NO_SVA_UP_FDR_0.05	7110	TMF1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8650	NUMB
SZ_DE	CM_NO_SVA_UP_FDR_0.05	9734	HDAC9
SZ_DE	CM_NO_SVA_UP_FDR_0.05	3763	KCNJ6
SZ_DE	CM_NO_SVA_UP_FDR_0.05	1106	CHD2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	160760	PPTC7
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10808	HSPH1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	79642	ARSJ
SZ_DE	CM_NO_SVA_UP_FDR_0.05	100507388	LOC100507388
SZ_DE	CM_NO_SVA_UP_FDR_0.05	2332	FMR1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	80319	CXXC4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	100131067	CKMT2-AS1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	654502	IQCJ
SZ_DE	CM_NO_SVA_UP_FDR_0.05	23034	SAMD4A
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8916	HERC3
SZ_DE	CM_NO_SVA_UP_FDR_0.05	64282	PAPD5
SZ_DE	CM_NO_SVA_UP_FDR_0.05	3658	IREB2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	84125	LRRIQ1

SZ_DE	CM_NO_SVA_UP_FDR_0.05	152006	RNF38
SZ_DE	CM_NO_SVA_UP_FDR_0.05	22824	HSPA4L
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8527	DGKD
SZ_DE	CM_NO_SVA_UP_FDR_0.05	1739	DLG1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	79834	PEAK1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	27125	AFF4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	5921	RASA1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	84552	PARD6G
SZ_DE	CM_NO_SVA_UP_FDR_0.05	5954	RCN1
SZ_DE	CM_NO_SVA_UP_FDR_0.05	56929	FEM1C
SZ_DE	CM_NO_SVA_UP_FDR_0.05	285636	C5orf51
SZ_DE	CM_NO_SVA_UP_FDR_0.05	57570	TRMT5
SZ_DE	CM_NO_SVA_UP_FDR_0.05	10087	COL4A3BP
SZ_DE	CM_NO_SVA_UP_FDR_0.05	166929	SGMS2
SZ_DE	CM_NO_SVA_UP_FDR_0.05	2066	ERBB4
SZ_DE	CM_NO_SVA_UP_FDR_0.05	57530	CGN
SZ_DE	CM_NO_SVA_UP_FDR_0.05	55787	TXLNG
SZ_DE	CM_NO_SVA_UP_FDR_0.05	1656	DDX6
SZ_DE	CM_NO_SVA_UP_FDR_0.05	8701	DNAH11
SZ_DE	CM_NO_SVA_UP_FDR_0.05	7188	TRAF5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6578	SLCO2A1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	216	ALDH1A1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6988	TCTA
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	375704	ENHO
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	92241	RCSD1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	63941	NECAB3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1869	E2F1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	399474	TMEM200B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	60495	HPSE2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55806	HR
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84572	GNPTG
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10234	LRRC17
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	11152	WDR45
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5192	PEX10
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	148198	ZNF98
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10266	RAMP2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56917	MEIS3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	50509	COL5A3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	818	CAMK2G
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5502	PPP1R1A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	3481	IGF2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55317	AP5S1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8912	CACNA1H
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	762	CA4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79041	TMEM38A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5409	PNMT
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6324	SCN1B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	100133669	LOC100133669
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2038	EPB42
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	572	BAD
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	53342	IL17D
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79095	C9orf16
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	50649	ARHGEF4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8482	SEMA7A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	255275	MYADML2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	170463	SSBP4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79785	RERGL
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	23541	SEC14L2

SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	65988	ZNF747
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	152002	XXYLT1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	7123	CLEC3B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51257	MARCH2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	574036	SERTAD4-AS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1160	CKMT2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8835	SOCS2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8986	RPS6KA4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79947	DHDDS
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	89958	SAPCD2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56961	SHD
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55152	DALRD3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	254295	PHYHD1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84681	HINT2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10023	FRAT1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55588	MED29
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56603	CYP26B1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2261	FGFR3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	54776	PPP1R12C
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2155	F7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	126792	B3GALT6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	283871	PGP
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	112464	PRKCDBP
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9377	COX5A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10814	CPLX2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	768096	HAR1A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	253868	C20orf166-AS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64759	TNS3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	100507437	LOC100507437
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	116835	HSPA12B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	25870	SUMF2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	284312	ZSCAN1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	27077	B9D1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	4636	MYL5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2047	EPHB1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	80199	FUZ
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79006	METRN
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	283130	SLC25A45
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	138429	PIP5KL1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	375775	PNPLA7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8705	B3GALT4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10120	ACTR1B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	7138	TNNT1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10485	C1orf61
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	129804	FBLN7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6881	TAF10
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	7264	TSTA3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79180	EFHD2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	11331	PHB2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56953	NT5M
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1346	COX7A1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10361	NPM2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	57348	TTYH1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2067	ERCC1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	57447	NDRG2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9088	PKMYT1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	755	C21orf2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	122616	C14orf79

SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	389084	C2orf82
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	65078	RTN4R
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	26268	FBXO9
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8303	SNN
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	100192379	PP12613
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	391356	PTRHD1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84817	TXNDC17
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	26873	OPLAH
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	83547	RILP
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	25864	ABHD14A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64838	FNDC4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	339674	LINC00634
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84304	NUDT22
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	3489	IGFBP6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51550	CINP
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56848	SPHK2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79873	NUDT18
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	124936	CYB5D2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56920	SEMA3G
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	503693	LOH12CR2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6640	SNTA1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	23205	ACSBG1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1351	COX8A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	90203	SNX21
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55257	MRGBP
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	347734	SLC35B2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84993	UBL7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9283	GPR37L1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	154790	CLEC2L
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	845	CASQ2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6538	SLC6A11
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5264	PHYH
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51308	REEP2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6540	SLC6A13
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	151835	CPNE9
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	11316	COPE
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9715	FAM131B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	159371	SLC35G1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51162	EGFL7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79754	ASB13
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	65094	JMJD4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	92305	TMEM129
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64320	RNF25
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1072	CFL1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5127	CDK16
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	23138	N4BP3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	93058	COQ10A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10815	CPLX1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	192668	CYS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9452	ITM2A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2788	GNG7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10445	MCRS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	114984	FLYWCH2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55004	LAMTOR1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1397	CRIP2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	101410534	DLGAP1-AS4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51621	KLF13
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	284358	MAMSTR

SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	3338	DNAJC4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	85452	KIAA1751
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	284076	TTLL6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64236	PDLIM2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	339789	LINC00299
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5662	PSD
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	293	SLC25A6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	169270	ZNF596
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1135	CHRNA2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	100507589	NAGPA-AS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8525	DGKZ
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	66004	LYNX1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84276	NICN1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6271	S100A1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1465	CSRP1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	66035	SLC2A11
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	285126	DNAJC5G
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9244	CRLF1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	387640	SKIDA1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64925	CCDC71
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	138311	FAM69B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1774	DNASE1L1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	162427	FAM134C
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6948	TCN2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	25854	FAM149A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84275	SLC25A33
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5878	RAB5C
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79412	KREMEN2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	138162	C9orf116
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5625	PRODH
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	128439	SNHG11
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	85442	KNDC1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	54587	MXRA8
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	150383	CDPF1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6624	FSCN1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64743	WDR13
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	105	ADARB2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84152	PPP1R1B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	29086	BABAM1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	129787	TMEM18
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79671	NLRX1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10522	DEAF1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10400	PEMT
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	63905	MANBAL
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	91252	SLC39A13
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	122970	ACOT4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5201	PFDN1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	30815	ST6GALNAC6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	286336	FAM78A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84532	ACSS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	148641	SLC35F3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	94160	ABCC12
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	347862	PDDC1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64792	RABL5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	54982	CLN6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	54884	RETSAT
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	285368	PRRT3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5859	QARS

SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	80775	TMEM177
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	363	AQP6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	100507206	LINC00943
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10460	TACC3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	285193	DUSP28
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	3698	ITIH2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	168391	GALNTL5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9957	HS3ST1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8646	CHRD
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6687	SPG7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	90485	ZNF835
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	4974	OMG
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	441869	ANKRD65
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1264	CNN1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8991	SELENBP1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	150538	SATB2-AS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	161198	CLEC14A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	654429	LRTM2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	57799	RAB40C
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	94097	SFXN5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	192286	HIGD2A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	83444	INO80B
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	65996	MGC2752
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	283999	TMEM235
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	254359	ZDHHC24
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	11285	B4GALT7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9638	FEZ1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	4185	ADAM11
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2647	BLOC1S1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	83482	SCRT1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9588	PRDX6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	3664	IRF6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51706	CYB5R1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	388135	C15orf59
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	28974	C19orf53
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51693	TRAPPC2L
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10999	SLC27A4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	388341	FAM211A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	29882	ANAPC2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	25900	IFFO1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1468	SLC25A10
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6035	RNASE1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2826	CCR10
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	100128822	LINC01003
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	379	ARL4D
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5605	MAP2K2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	25989	ULK3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2582	GALE
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9526	MPDU1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	3418	IDH2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1289	COL5A1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56954	NIT2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	10268	RAMP3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2879	GPX4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9836	LCMT2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	183	AGT
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	254559	LINC00925
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	114926	SMIM19

SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	11243	PMF1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	65263	PYCRL
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6415	SEPW1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2702	GJA5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1298	COL9A2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	23457	ABCB9
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	92745	SLC38A5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51024	FIS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	51281	ANKMY1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	128218	TMEM125
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	4005	LMO2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	80148	PQLC1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	115992	RNF166
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1132	CHRM4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	7923	HSD17B8
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84279	PRADC1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5871	MAP4K2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1299	COL9A3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	25946	ZNF385A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	28988	DBNL
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2356	FPGS
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	115708	TRMT61A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	249	ALPL
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	100506779	BZRAP1-AS1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	738	VPS51
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	54681	P4HTM
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	246330	PELI3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6404	SELPLG
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84269	CHCHD5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	252995	FNDC5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	260434	PYDC1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9127	P2RX6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	23770	FKBP8
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	7965	AIMP2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	9905	SGSM2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55663	ZNF446
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	27089	UQCRQ
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	90187	EMILIN3
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	56904	SH3GLB2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	79590	MRPL24
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	90990	KIFC2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	85378	TUBGCP6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	90024	FLJ20021
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1149	CIDEA
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	149345	SHISA4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	64419	MTMR14
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	80142	PTGES2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55851	PSENEN
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8704	B4GALT2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6320	CLEC11A
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	3671	ISLR
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	474344	GIMAP6
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	284111	SLC13A5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	116349	C5orf55
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	5524	PPP2R4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	387775	SLC22A10
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2987	GUK1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	84628	NTNG2

SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	89932	PAPLN
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	54461	FBXW5
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	113791	PIK3IP1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	631	BFSP1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2134	EXTL1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	57795	BRINP2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55652	SLC48A1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	253982	ASPHD1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	129807	NEU4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	25906	ANAPC15
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	2954	GSTZ1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	348751	FTCDNL1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	80737	VWA7
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	22845	DOLK
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	1307	COL16A1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	576	BAI2
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	57128	LYRM4
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	128240	APOA1BP
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	6231	RPS26
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	55808	ST6GALNAC1
SZ_DE	CM_NO_SVA_DOWN_FDR_0.05	8861	LDB1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6335	SCN9A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	389206	BEND4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80055	PGAP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6870	TACR3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55103	RALGPS2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	22881	ANKRD6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	285513	GPRIN3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80014	WWC2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5991	RFX3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2690	GHR
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79669	C3orf52
SZ_DE	CM_NO_SVA_DE_FDR_0.05	117177	RAB3IP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	330	BIRC3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9750	FAM65B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	116	ADCYAP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84458	LCOR
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10100	TSPAN2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64283	ARHGEF28
SZ_DE	CM_NO_SVA_DE_FDR_0.05	4160	MC4R
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23200	ATP11B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23002	DAAM1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6095	RORA
SZ_DE	CM_NO_SVA_DE_FDR_0.05	793	CALB1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57684	ZBTB26
SZ_DE	CM_NO_SVA_DE_FDR_0.05	128611	ZNF831
SZ_DE	CM_NO_SVA_DE_FDR_0.05	26973	CHORDC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2334	AFF2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54891	INO80D
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23429	RYBP
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	154007	SNRNP48
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55466	DNAJA4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55033	FKBP14
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9991	PTBP3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80306	MED28
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79139	DERL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	389677	RBM12B

SZ_DE	CM_NO_SVA_DE_FDR_0.05	2558	GABRA5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	158399	ZNF483
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25896	INTS7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	400120	SERTM1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3082	HGF
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51762	RAB8B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5067	CNTN3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2149	F2R
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10914	PAPOLA
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54726	OTUD4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54734	RAB39A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23089	PEG10
SZ_DE	CM_NO_SVA_DE_FDR_0.05	246175	CNOT6L
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3738	KCNA3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7762	ZNF215
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8658	TNKS
SZ_DE	CM_NO_SVA_DE_FDR_0.05	83448	PUS7L
SZ_DE	CM_NO_SVA_DE_FDR_0.05	4015	LOX
SZ_DE	CM_NO_SVA_DE_FDR_0.05	219623	TMEM26
SZ_DE	CM_NO_SVA_DE_FDR_0.05	11231	SEC63
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57472	CNOT6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	92126	DSEL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64853	AIDA
SZ_DE	CM_NO_SVA_DE_FDR_0.05	166336	PRICKLE2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	200576	PIKFYVE
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57600	FNIP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	90134	KCNH7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23760	PITPNB
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3189	HNRNPH3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	121536	AEBP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100216479	LOC100216479
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54778	RNF111
SZ_DE	CM_NO_SVA_DE_FDR_0.05	161357	MDGA2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64393	ZMAT3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	116150	NUS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	285220	EPHA6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8690	JRKL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5865	RAB3B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57708	MIER1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8001	GLRA3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8976	WASL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	127253	TYW3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	85465	EPT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1452	CSNK1A1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79836	LONRF3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2673	GFPT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	22862	FNDC3A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54989	ZNF770
SZ_DE	CM_NO_SVA_DE_FDR_0.05	256130	TMEM196
SZ_DE	CM_NO_SVA_DE_FDR_0.05	27	ABL2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57687	VAT1L
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54733	SLC35F2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1600	DAB1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10251	SPRY3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3479	IGF1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6120	RPE
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64762	GAREM
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25940	FAM98A

SZ_DE	CM_NO_SVA_DE_FDR_0.05	4147	MATN2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	283464	GXYLT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64398	MPP5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55086	CXorf57
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1012	CDH13
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3181	HNRNPA2B1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	253512	SLC25A30
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7077	TIMP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	650655	ABCA17P
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9874	TLK1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54542	RC3H2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	317	APAF1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57484	RNF150
SZ_DE	CM_NO_SVA_DE_FDR_0.05	219333	USP12
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55279	ZNF654
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10903	MTMR11
SZ_DE	CM_NO_SVA_DE_FDR_0.05	166785	MMAA
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5471	PPAT
SZ_DE	CM_NO_SVA_DE_FDR_0.05	129450	TYW5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	146057	TTBK2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57532	NUFIP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	85460	ZNF518B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3320	HSP90AA1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	149041	RC3H1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	11320	MGAT4A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	399959	MIR100HG
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5610	EIF2AK2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	604	BCL6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1540	CYLD
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8476	CDC42BPA
SZ_DE	CM_NO_SVA_DE_FDR_0.05	162394	SLFN5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3598	IL13RA2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79071	ELOVL6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	140890	SREK1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56829	ZC3HAV1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	101927193	LOC101927193
SZ_DE	CM_NO_SVA_DE_FDR_0.05	390616	ANKRD34C
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8087	FXR1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51361	HOOK1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	27324	TOX3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	221895	JAZF1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	50650	ARHGEF3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	205	AK4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6925	TCF4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5927	KDM5A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57182	ANKRD50
SZ_DE	CM_NO_SVA_DE_FDR_0.05	167227	DCP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7514	XPO1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56647	BCCIP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9320	TRIP12
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9877	ZC3H11A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	27146	FAM184B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	27152	INTU
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23411	SIRT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	92597	MOB1B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7273	TTN
SZ_DE	CM_NO_SVA_DE_FDR_0.05	159090	FAM122B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	92	ACVR2A

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SZ_DE	CM_NO_SVA_DE_FDR_0.05	4673	NAP1L1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10884	MRPS30
SZ_DE	CM_NO_SVA_DE_FDR_0.05	139065	SLITRK4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	29068	ZBTB44
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7073	TIAL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	153222	CREBRF
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56245	C21orf62
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10116	FEM1B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3192	HNRNPU
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10285	SMNDC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100506606	LOC100506606
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3730	KAL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64795	RMND5A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9001	HAP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9931	HELZ
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7803	PTP4A1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	4023	LPL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	65065	NBEAL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	115827	RAB3C
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1809	DPYSL3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23603	CORO1C
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	403314	APOBEC4
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	22847	ZNF507
SZ_DE	CM_NO_SVA_DE_FDR_0.05	642273	FAM110C
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	56937	PMEPA1
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	7223	TRPC4
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	8545	CGGBP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2562	GABRB3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23543	RBFOX2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10154	PLXNC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23394	ADNP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	91404	SESTD1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57403	RAB22A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80124	VCPIP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23210	JMJD6

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SZ_DE	CM_NO_SVA_DE_FDR_0.05	284370	ZNF615
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8715	NOL4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80155	NAA15
SZ_DE	CM_NO_SVA_DE_FDR_0.05	147339	C18orf25
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	7693	ZNF134
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	8036	SHOC2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9646	CTR9
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6049	RNF6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	152185	SPICE1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10622	POLR3G
SZ_DE	CM_NO_SVA_DE_FDR_0.05	140767	NRSN1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9559	VPS26A
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	26052	DNM3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10746	MAP3K2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23269	MGA
SZ_DE	CM_NO_SVA_DE_FDR_0.05	144402	CPNE8
SZ_DE	CM_NO_SVA_DE_FDR_0.05	85464	SSH2
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	10097	ACTR2
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	64770	CCDC14
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	116443	GRIN3A
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	4289	MKLN1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	157807	CLVS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6400	SEL1L
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	2005	ELK4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	22908	SACM1L
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23369	PUM2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	101927455	LOC101927455

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SZ_DE	CM_NO_SVA_DE_FDR_0.05	5144	PDE4D
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	8650	NUMB
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9734	HDAC9
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	1106	CHD2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	160760	PPTC7
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	79642	ARSJ
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100507388	LOC100507388
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2332	FMR1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80319	CXXC4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100131067	CKMT2-AS1
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	6578	SLCO2A1
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	6988	TCTA
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	5502	PPP1R1A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3481	IGF2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55317	AP5S1
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	79041	TMEM38A
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	6324	SCN1B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100133669	LOC100133669
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2038	EPB42
SZ_DE	CM_NO_SVA_DE_FDR_0.05	572	BAD
SZ_DE	CM_NO_SVA_DE_FDR_0.05	53342	IL17D
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79095	C9orf16
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	255275	MYADML2
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	574036	SERTAD4-AS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1160	CKMT2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8835	SOCS2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8986	RPS6KA4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79947	DHDDS
SZ_DE	CM_NO_SVA_DE_FDR_0.05	89958	SAPCD2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56961	SHD
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55152	DALRD3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	254295	PHYHD1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84681	HINT2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10023	FRAT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55588	MED29
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56603	CYP26B1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2261	FGFR3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54776	PPP1R12C
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2155	F7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	126792	B3GALT6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	283871	PGP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	112464	PRKCDBP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9377	COX5A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10814	CPLX2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	768096	HAR1A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	253868	C20orf166-AS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64759	TNS3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100507437	LOC100507437
SZ_DE	CM_NO_SVA_DE_FDR_0.05	116835	HSPA12B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25870	SUMF2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	284312	ZSCAN1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	27077	B9D1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	4636	MYL5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2047	EPHB1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80199	FUZ

SZ_DE	CM_NO_SVA_DE_FDR_0.05	79006	METRN
SZ_DE	CM_NO_SVA_DE_FDR_0.05	283130	SLC25A45
SZ_DE	CM_NO_SVA_DE_FDR_0.05	138429	PIP5KL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	375775	PNPLA7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8705	B3GALT4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10120	ACTR1B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7138	TNNT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10485	C1orf61
SZ_DE	CM_NO_SVA_DE_FDR_0.05	129804	FBLN7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6881	TAF10
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7264	TSTA3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79180	EFHD2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	11331	PHB2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56953	NT5M
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1346	COX7A1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10361	NPM2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57348	TTYH1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2067	ERCC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57447	NDRG2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9088	PKMYT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	755	C21orf2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	122616	C14orf79
SZ_DE	CM_NO_SVA_DE_FDR_0.05	389084	C2orf82
SZ_DE	CM_NO_SVA_DE_FDR_0.05	65078	RTN4R
SZ_DE	CM_NO_SVA_DE_FDR_0.05	26268	FBXO9
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8303	SNN
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100192379	PP12613
SZ_DE	CM_NO_SVA_DE_FDR_0.05	391356	PTRHD1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84817	TXNDC17
SZ_DE	CM_NO_SVA_DE_FDR_0.05	26873	OPLAH
SZ_DE	CM_NO_SVA_DE_FDR_0.05	83547	RILP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25864	ABHD14A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64838	FNDC4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	339674	LINC00634
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84304	NUDT22
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3489	IGFBP6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51550	CINP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56848	SPHK2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79873	NUDT18
SZ_DE	CM_NO_SVA_DE_FDR_0.05	124936	CYB5D2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56920	SEMA3G
SZ_DE	CM_NO_SVA_DE_FDR_0.05	503693	LOH12CR2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6640	SNTA1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23205	ACSBG1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1351	COX8A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	90203	SNX21
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55257	MRGBP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	347734	SLC35B2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84993	UBL7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9283	GPR37L1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	154790	CLEC2L
SZ_DE	CM_NO_SVA_DE_FDR_0.05	845	CASQ2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6538	SLC6A11
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5264	PHYH
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51308	REEP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6540	SLC6A13
SZ_DE	CM_NO_SVA_DE_FDR_0.05	151835	CPNE9
SZ_DE	CM_NO_SVA_DE_FDR_0.05	11316	COPE

SZ_DE	CM_NO_SVA_DE_FDR_0.05	9715	FAM131B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	159371	SLC35G1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51162	EGFL7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79754	ASB13
SZ_DE	CM_NO_SVA_DE_FDR_0.05	65094	JMJD4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	92305	TMEM129
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64320	RNF25
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1072	CFL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5127	CDK16
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23138	N4BP3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	93058	COQ10A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10815	CPLX1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	192668	CYS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9452	ITM2A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2788	GNG7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10445	MCRS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	114984	FLYWCH2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55004	LAMTOR1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1397	CRIP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	101410534	DLGAP1-AS4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51621	KLF13
SZ_DE	CM_NO_SVA_DE_FDR_0.05	284358	MAMSTR
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3338	DNAJC4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	85452	KIAA1751
SZ_DE	CM_NO_SVA_DE_FDR_0.05	284076	TTLL6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64236	PDLIM2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	339789	LINC00299
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5662	PSD
SZ_DE	CM_NO_SVA_DE_FDR_0.05	293	SLC25A6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	169270	ZNF596
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1135	CHRNA2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100507589	NAGPA-AS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8525	DGKZ
SZ_DE	CM_NO_SVA_DE_FDR_0.05	66004	LYNX1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84276	NICN1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6271	S100A1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1465	CSRP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	66035	SLC2A11
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	9244	CRLF1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	387640	SKIDA1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64925	CCDC71
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	1774	DNASE1L1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	162427	FAM134C
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6948	TCN2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25854	FAM149A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84275	SLC25A33
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5878	RAB5C
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79412	KREMEN2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	138162	C9orf116
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5625	PRODH
SZ_DE	CM_NO_SVA_DE_FDR_0.05	128439	SNHG11
SZ_DE	CM_NO_SVA_DE_FDR_0.05	85442	KNDC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54587	MXRA8
SZ_DE	CM_NO_SVA_DE_FDR_0.05	150383	CDPF1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6624	FSCN1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64743	WDR13

SZ_DE	CM_NO_SVA_DE_FDR_0.05	105	ADARB2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84152	PPP1R1B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	29086	BABAM1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	129787	TMEM18
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79671	NLRX1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10522	DEAF1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10400	PEMT
SZ_DE	CM_NO_SVA_DE_FDR_0.05	63905	MANBAL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	91252	SLC39A13
SZ_DE	CM_NO_SVA_DE_FDR_0.05	122970	ACOT4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5201	PFDN1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	30815	ST6GALNAC6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	286336	FAM78A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84532	ACSS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	148641	SLC35F3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	94160	ABCC12
SZ_DE	CM_NO_SVA_DE_FDR_0.05	347862	PDDC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64792	RABL5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54982	CLN6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54884	RETSAT
SZ_DE	CM_NO_SVA_DE_FDR_0.05	285368	PRRT3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5859	QARS
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80775	TMEM177
SZ_DE	CM_NO_SVA_DE_FDR_0.05	363	AQP6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100507206	LINC00943
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10460	TACC3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	285193	DUSP28
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3698	ITIH2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	168391	GALNTL5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9957	HS3ST1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8646	CHRD
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6687	SPG7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	90485	ZNF835
SZ_DE	CM_NO_SVA_DE_FDR_0.05	4974	OMG
SZ_DE	CM_NO_SVA_DE_FDR_0.05	441869	ANKRD65
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1264	CNN1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8991	SELENBP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	150538	SATB2-AS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	161198	CLEC14A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	654429	LRTM2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57799	RAB40C
SZ_DE	CM_NO_SVA_DE_FDR_0.05	94097	SFXN5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	192286	HIGD2A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	83444	INO80B
SZ_DE	CM_NO_SVA_DE_FDR_0.05	65996	MGC2752
SZ_DE	CM_NO_SVA_DE_FDR_0.05	283999	TMEM235
SZ_DE	CM_NO_SVA_DE_FDR_0.05	254359	ZDHHC24
SZ_DE	CM_NO_SVA_DE_FDR_0.05	11285	B4GALT7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9638	FEZ1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	4185	ADAM11
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2647	BLOC1S1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	83482	SCRT1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9588	PRDX6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3664	IRF6
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SZ_DE	CM_NO_SVA_DE_FDR_0.05	388135	C15orf59
SZ_DE	CM_NO_SVA_DE_FDR_0.05	28974	C19orf53
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51693	TRAPPC2L

SZ_DE	CM_NO_SVA_DE_FDR_0.05	10999	SLC27A4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	388341	FAM211A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	29882	ANAPC2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25900	IFFO1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1468	SLC25A10
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6035	RNASE1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2826	CCR10
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100128822	LINC01003
SZ_DE	CM_NO_SVA_DE_FDR_0.05	379	ARL4D
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5605	MAP2K2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25989	ULK3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2582	GALE
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9526	MPDU1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3418	IDH2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1289	COL5A1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56954	NIT2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	10268	RAMP3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2879	GPX4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9836	LCMT2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	183	AGT
SZ_DE	CM_NO_SVA_DE_FDR_0.05	254559	LINC00925
SZ_DE	CM_NO_SVA_DE_FDR_0.05	114926	SMIM19
SZ_DE	CM_NO_SVA_DE_FDR_0.05	11243	PMF1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	65263	PYCRL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6415	SEPW1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2702	GJA5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1298	COL9A2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23457	ABCB9
SZ_DE	CM_NO_SVA_DE_FDR_0.05	92745	SLC38A5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51024	FIS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	51281	ANKMY1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	128218	TMEM125
SZ_DE	CM_NO_SVA_DE_FDR_0.05	4005	LMO2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80148	PQLC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	115992	RNF166
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1132	CHRM4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7923	HSD17B8
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84279	PRADC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5871	MAP4K2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1299	COL9A3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25946	ZNF385A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	28988	DBNL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2356	FPGS
SZ_DE	CM_NO_SVA_DE_FDR_0.05	115708	TRMT61A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	249	ALPL
SZ_DE	CM_NO_SVA_DE_FDR_0.05	100506779	BZRAP1-AS1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	738	VPS51
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54681	P4HTM
SZ_DE	CM_NO_SVA_DE_FDR_0.05	246330	PELI3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6404	SELPLG
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84269	CHCHD5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	252995	FNDC5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	260434	PYDC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9127	P2RX6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	23770	FKBP8
SZ_DE	CM_NO_SVA_DE_FDR_0.05	7965	AIMP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	9905	SGSM2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55663	ZNF446

SZ_DE	CM_NO_SVA_DE_FDR_0.05	27089	UQCRQ
SZ_DE	CM_NO_SVA_DE_FDR_0.05	90187	EMILIN3
SZ_DE	CM_NO_SVA_DE_FDR_0.05	56904	SH3GLB2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	79590	MRPL24
SZ_DE	CM_NO_SVA_DE_FDR_0.05	90990	KIFC2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	85378	TUBGCP6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	90024	FLJ20021
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1149	CIDEA
SZ_DE	CM_NO_SVA_DE_FDR_0.05	149345	SHISA4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	64419	MTMR14
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80142	PTGES2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55851	PSENEN
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8704	B4GALT2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6320	CLEC11A
SZ_DE	CM_NO_SVA_DE_FDR_0.05	3671	ISLR
SZ_DE	CM_NO_SVA_DE_FDR_0.05	474344	GIMAP6
SZ_DE	CM_NO_SVA_DE_FDR_0.05	284111	SLC13A5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	116349	C5orf55
SZ_DE	CM_NO_SVA_DE_FDR_0.05	5524	PPP2R4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	387775	SLC22A10
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2987	GUK1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	84628	NTNG2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	89932	PAPLN
SZ_DE	CM_NO_SVA_DE_FDR_0.05	54461	FBXW5
SZ_DE	CM_NO_SVA_DE_FDR_0.05	113791	PIK3IP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	631	BFSP1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2134	EXTL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57795	BRINP2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55652	SLC48A1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	253982	ASPHD1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	129807	NEU4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	25906	ANAPC15
SZ_DE	CM_NO_SVA_DE_FDR_0.05	2954	GSTZ1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	348751	FTCDNL1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	80737	VWA7
SZ_DE	CM_NO_SVA_DE_FDR_0.05	22845	DOLK
SZ_DE	CM_NO_SVA_DE_FDR_0.05	1307	COL16A1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	576	BAI2
SZ_DE	CM_NO_SVA_DE_FDR_0.05	57128	LYRM4
SZ_DE	CM_NO_SVA_DE_FDR_0.05	128240	APOA1BP
SZ_DE	CM_NO_SVA_DE_FDR_0.05	6231	RPS26
SZ_DE	CM_NO_SVA_DE_FDR_0.05	55808	ST6GALNAC1
SZ_DE	CM_NO_SVA_DE_FDR_0.05	8861	LDB1
NPD_Sets	ASD-candidates	55624	POMGNT1
NPD_Sets	ASD-candidates	6121	RPE65
NPD_Sets	ASD-candidates	1806	DPYD
NPD_Sets	ASD-candidates	9378	NRXN1
NPD_Sets	ASD-candidates	4867	NPHP1
NPD_Sets	ASD-candidates	55777	MBD5
NPD_Sets	ASD-candidates	6323	SCN1A
NPD_Sets	ASD-candidates	23314	SATB2
NPD_Sets	ASD-candidates	686	BTD
NPD_Sets	ASD-candidates	27086	FOXP1
NPD_Sets	ASD-candidates	8492	PRSS12
NPD_Sets	ASD-candidates	25836	NIPBL
NPD_Sets	ASD-candidates	4208	MEF2C
NPD_Sets	ASD-candidates	501	ALDH7A1
NPD_Sets	ASD-candidates	64324	NSD1

NPD_Sets	ASD-candidates	7915	ALDH5A1
NPD_Sets	ASD-candidates	8831	SYNGAP1
NPD_Sets	ASD-candidates	54806	AHI1
NPD_Sets	ASD-candidates	3198	HOXA1
NPD_Sets	ASD-candidates	673	BRAF
NPD_Sets	ASD-candidates	26047	CNTNAP2
NPD_Sets	ASD-candidates	138050	HGSNAT
NPD_Sets	ASD-candidates	55636	CHD7
NPD_Sets	ASD-candidates	157680	VPS13B
NPD_Sets	ASD-candidates	6812	STXBP1
NPD_Sets	ASD-candidates	10585	POMT1
NPD_Sets	ASD-candidates	7248	TSC1
NPD_Sets	ASD-candidates	79813	EHMT1
NPD_Sets	ASD-candidates	5728	PTEN
NPD_Sets	ASD-candidates	2263	FGFR2
NPD_Sets	ASD-candidates	3265	HRAS
NPD_Sets	ASD-candidates	3481	IGF2
NPD_Sets	ASD-candidates	3767	KCNJ11
NPD_Sets	ASD-candidates	22941	SHANK2
NPD_Sets	ASD-candidates	1717	DHCR7
NPD_Sets	ASD-candidates	2348	FOLR1
NPD_Sets	ASD-candidates	220296	HEPACAM
NPD_Sets	ASD-candidates	775	CACNA1C
NPD_Sets	ASD-candidates	2904	GRIN2B
NPD_Sets	ASD-candidates	3845	KRAS
NPD_Sets	ASD-candidates	2799	GNS
NPD_Sets	ASD-candidates	80184	CEP290
NPD_Sets	ASD-candidates	5053	PAH
NPD_Sets	ASD-candidates	5781	PTPN11
NPD_Sets	ASD-candidates	2290	FOXG1
NPD_Sets	ASD-candidates	79944	L2HGDH
NPD_Sets	ASD-candidates	7337	UBE3A
NPD_Sets	ASD-candidates	2628	GATM
NPD_Sets	ASD-candidates	5604	MAP2K1
NPD_Sets	ASD-candidates	7249	TSC2
NPD_Sets	ASD-candidates	1387	CREBBP
NPD_Sets	ASD-candidates	23322	RPGRIP1L
NPD_Sets	ASD-candidates	7531	YWHAE
NPD_Sets	ASD-candidates	5048	PAFAH1B1
NPD_Sets	ASD-candidates	3000	GUCY2D
NPD_Sets	ASD-candidates	10743	RAI1
NPD_Sets	ASD-candidates	84282	RNF135
NPD_Sets	ASD-candidates	4763	NF1
NPD_Sets	ASD-candidates	4669	NAGLU
NPD_Sets	ASD-candidates	6448	SGSH
NPD_Sets	ASD-candidates	2593	GAMT
NPD_Sets	ASD-candidates	4784	NFIX
NPD_Sets	ASD-candidates	1760	DMPK
NPD_Sets	ASD-candidates	8195	MKKS
NPD_Sets	ASD-candidates	6899	TBX1
NPD_Sets	ASD-candidates	158	ADSL
NPD_Sets	ASD-candidates	85358	SHANK3
NPD_Sets	ASD-candidates	57502	NLGN4X
NPD_Sets	ASD-candidates	8905	AP1S2
NPD_Sets	ASD-candidates	4810	NHS
NPD_Sets	ASD-candidates	6792	CDKL5
NPD_Sets	ASD-candidates	139411	PTCHD1
NPD_Sets	ASD-candidates	170302	ARX

NPD_Sets	ASD-candidates	11141	IL1RAPL1
NPD_Sets	ASD-candidates	1756	DMD
NPD_Sets	ASD-candidates	5009	OTC
NPD_Sets	ASD-candidates	8573	CASK
NPD_Sets	ASD-candidates	4693	NDP
NPD_Sets	ASD-candidates	641339	ZNF674
NPD_Sets	ASD-candidates	6853	SYN1
NPD_Sets	ASD-candidates	347344	ZNF81
NPD_Sets	ASD-candidates	24140	FTSJ1
NPD_Sets	ASD-candidates	10084	PQBP1
NPD_Sets	ASD-candidates	778	CACNA1F
NPD_Sets	ASD-candidates	23096	IQSEC2
NPD_Sets	ASD-candidates	8243	SMC1A
NPD_Sets	ASD-candidates	23133	PHF8
NPD_Sets	ASD-candidates	2245	FGD1
NPD_Sets	ASD-candidates	4983	OPHN1
NPD_Sets	ASD-candidates	9968	MED12
NPD_Sets	ASD-candidates	54413	NLGN3
NPD_Sets	ASD-candidates	340533	KIAA2022
NPD_Sets	ASD-candidates	546	ATRX
NPD_Sets	ASD-candidates	57526	PCDH19
NPD_Sets	ASD-candidates	2182	ACSL4
NPD_Sets	ASD-candidates	1641	DCX
NPD_Sets	ASD-candidates	186	AGTR2
NPD_Sets	ASD-candidates	65109	UPF3B
NPD_Sets	ASD-candidates	3920	LAMP2
NPD_Sets	ASD-candidates	2892	GRIA3
NPD_Sets	ASD-candidates	4952	OCRL
NPD_Sets	ASD-candidates	84295	PHF6
NPD_Sets	ASD-candidates	10479	SLC9A6
NPD_Sets	ASD-candidates	9459	ARHGEF6
NPD_Sets	ASD-candidates	2332	FMR1
NPD_Sets	ASD-candidates	2334	AFF2
NPD_Sets	ASD-candidates	6535	SLC6A8
NPD_Sets	ASD-candidates	3897	L1CAM
NPD_Sets	ASD-candidates	4204	MECP2
NPD_Sets	ASD-candidates	116442	RAB39B
NPD_Sets	ASD-denovo-lof	155038	GIMAP8
NPD_Sets	ASD-denovo-lof	667	DST
NPD_Sets	ASD-denovo-lof	5118	PCOLCE
NPD_Sets	ASD-denovo-lof	93100	NAPRT1
NPD_Sets	ASD-denovo-lof	401667	OR51A2
NPD_Sets	ASD-denovo-lof	1767	DNAH5
NPD_Sets	ASD-denovo-lof	9958	USP15
NPD_Sets	ASD-denovo-lof	9056	SLC7A7
NPD_Sets	ASD-denovo-lof	55015	PRPF39
NPD_Sets	ASD-denovo-lof	5649	RELN
NPD_Sets	ASD-denovo-lof	84919	PPP1R15B
NPD_Sets	ASD-denovo-lof	6738	TROVE2
NPD_Sets	ASD-denovo-lof	22999	RIMS1
NPD_Sets	ASD-denovo-lof	54737	MPHOSPH8
NPD_Sets	ASD-denovo-lof	6326	SCN2A
NPD_Sets	ASD-denovo-lof	285175	UNC80
NPD_Sets	ASD-denovo-lof	8029	CUBN
NPD_Sets	ASD-denovo-lof	374786	EFCAB5
NPD_Sets	ASD-denovo-lof	221981	THSD7A
NPD_Sets	ASD-denovo-lof	10788	IQGAP2
NPD_Sets	ASD-denovo-lof	23394	ADNP

NPD_Sets	ASD-denovo-lof	343413	FCRL6
NPD_Sets	ASD-denovo-lof	51107	APH1A
NPD_Sets	ASD-denovo-lof	221178	SPATA13
NPD_Sets	ASD-denovo-lof	55773	TBC1D23
NPD_Sets	ASD-denovo-lof	4036	LRP2
NPD_Sets	ASD-denovo-lof	51111	SUV420H1
NPD_Sets	ASD-denovo-lof	51127	TRIM17
NPD_Sets	ASD-denovo-lof	9320	TRIP12
NPD_Sets	ASD-denovo-lof	8452	CUL3
NPD_Sets	ASD-denovo-lof	23503	ZFYVE26
NPD_Sets	ASD-denovo-lof	374378	GALNT18
NPD_Sets	ASD-denovo-lof	80332	ADAM33
NPD_Sets	ASD-denovo-lof	2109	ETFB
NPD_Sets	ASD-denovo-lof	100534611	TM4SF19-TCTEX1D2
NPD_Sets	ASD-denovo-lof	481	ATP1B1
NPD_Sets	ASD-denovo-lof	728635	DHRS4L1
NPD_Sets	ASD-denovo-lof	23135	KDM6B
NPD_Sets	ASD-denovo-lof	28514	DLL1
NPD_Sets	ASD-denovo-lof	55799	CACNA2D3
NPD_Sets	ASD-denovo-lof	9378	NRXN1
NPD_Sets	ASD-denovo-lof	5253	PHF2
NPD_Sets	ASD-denovo-lof	7812	CSDE1
NPD_Sets	ASD-denovo-lof	5862	RAB2A
NPD_Sets	ASD-denovo-lof	57556	SEMA6A
NPD_Sets	ASD-denovo-lof	157769	FAM91A1
NPD_Sets	ASD-denovo-lof	83473	KATNAL2
NPD_Sets	ASD-denovo-lof	8803	SUCLA2
NPD_Sets	ASD-denovo-lof	8493	PPM1D
NPD_Sets	ASD-denovo-lof	166752	FREM3
NPD_Sets	ASD-denovo-lof	9891	NUAK1
NPD_Sets	ASD-denovo-lof	5079	PAX5
NPD_Sets	ASD-denovo-lof	10716	TBR1
NPD_Sets	ASD-denovo-lof	29850	TRPM5
NPD_Sets	ASD-denovo-lof	56136	PCDHA13
NPD_Sets	ASD-denovo-lof	56624	ASAH2
NPD_Sets	ASD-denovo-lof	23036	ZNF292
NPD_Sets	ASD-denovo-lof	6929	TCF3
NPD_Sets	ASD-denovo-lof	10787	NCKAP1
NPD_Sets	ASD-denovo-lof	23389	MED13L
NPD_Sets	ASD-denovo-lof	84622	ZNF594
NPD_Sets	ASD-denovo-lof	6342	SCP2
NPD_Sets	ASD-denovo-lof	65083	NOL6
NPD_Sets	ASD-denovo-lof	32	ACACB
NPD_Sets	ASD-denovo-lof	254048	UBN2
NPD_Sets	ASD-denovo-lof	9778	KIAA0232
NPD_Sets	ASD-denovo-lof	57680	CHD8
NPD_Sets	ASD-denovo-lof	83552	MFRP
NPD_Sets	ASD-denovo-lof	55777	MBD5
NPD_Sets	ASD-denovo-lof	23126	POGZ
NPD_Sets	ASD-denovo-lof	83992	CTTNBP2
NPD_Sets	ASD-denovo-lof	6840	SVIL
NPD_Sets	ASD-denovo-lof	9703	KIAA0100
NPD_Sets	ASD-denovo-lof	642636	RAD21L1
NPD_Sets	ASD-denovo-lof	3790	KCNS3
NPD_Sets	ASD-denovo-lof	5442	POLRMT
NPD_Sets	ASD-denovo-lof	696	BTN1A1
NPD_Sets	ASD-denovo-lof	23283	CSTF2T
NPD_Sets	ASD-denovo-lof	55739	CARKD

NPD_Sets	ASD-denovo-lof	23181	DIP2A
NPD_Sets	ASD-denovo-lof	4306	NR3C2
NPD_Sets	ASD-denovo-lof	7468	WHSC1
NPD_Sets	ASD-denovo-lof	27332	ZNF638
NPD_Sets	ASD-denovo-lof	22982	DIP2C
NPD_Sets	ASD-denovo-lof	57758	SCUBE2
NPD_Sets	ASD-denovo-lof	116211	TM4SF19
NPD_Sets	ASD-denovo-lof	84570	COL25A1
NPD_Sets	ASD-denovo-lof	10402	ST3GAL6
NPD_Sets	ASD-denovo-lof	7415	VCP
NPD_Sets	ASD-denovo-lof	51439	FAM8A1
NPD_Sets	ASD-denovo-lof	114783	LMTK3
NPD_Sets	ASD-denovo-lof	26046	LTN1
NPD_Sets	ASD-denovo-lof	287	ANK2
NPD_Sets	ASD-denovo-lof	10771	ZMYND11
NPD_Sets	ASD-denovo-lof	3678	ITGA5
NPD_Sets	ASD-denovo-lof	54870	QRICH1
NPD_Sets	ASD-denovo-lof	4774	NFIA
NPD_Sets	ASD-denovo-lof	795	S100G
NPD_Sets	ASD-denovo-lof	6197	RPS6KA3
NPD_Sets	ASD-denovo-lof	51629	SLC25A39
NPD_Sets	ASD-denovo-lof	1842	ECM2
NPD_Sets	ASD-denovo-lof	9578	CDC42BPB
NPD_Sets	ASD-denovo-lof	2312	FLG
NPD_Sets	ASD-denovo-lof	57205	ATP10D
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NPD_Sets	ASD-denovo-lof	22941	SHANK2
NPD_Sets	ASD-denovo-lof	152006	RNF38
NPD_Sets	ASD-denovo-lof	2048	EPHB2
NPD_Sets	ASD-denovo-lof	23001	WDFY3
NPD_Sets	ASD-denovo-lof	54545	MTMR12
NPD_Sets	ASD-denovo-lof	6683	SPAST
NPD_Sets	ASD-denovo-lof	203859	ANO5
NPD_Sets	ASD-denovo-lof	8535	CBX4
NPD_Sets	ASD-denovo-lof	1859	DYRK1A
NPD_Sets	ASD-denovo-lof	6601	SMARCC2
NPD_Sets	ASD-denovo-lof	26262	TSPAN17
NPD_Sets	ASD-denovo-lof	100528021	ST20-MTHFS
NPD_Sets	ASD-denovo-lof	6694	SPP2
NPD_Sets	ASD-denovo-lof	10588	MTHFS
NPD_Sets	ASD-denovo-lof	2904	GRIN2B
NPD_Sets	ASD-denovo-lof	4849	CNOT3
NPD_Sets	ASD-denovo-lof	53335	BCL11A
NPD_Sets	ASD-denovo-lof	29072	SETD2
NPD_Sets	ASD-denovo-lof	5364	PLXNB1
NPD_Sets	ASD-denovo-nonsyn	6569	SLC34A1
NPD_Sets	ASD-denovo-nonsyn	4353	MPO
NPD_Sets	ASD-denovo-nonsyn	6098	ROS1
NPD_Sets	ASD-denovo-nonsyn	282890	ZNF311
NPD_Sets	ASD-denovo-nonsyn	6340	SCNN1G
NPD_Sets	ASD-denovo-nonsyn	8658	TNKS
NPD_Sets	ASD-denovo-nonsyn	8493	PPM1D
NPD_Sets	ASD-denovo-nonsyn	8567	MADD
NPD_Sets	ASD-denovo-nonsyn	64854	USP46
NPD_Sets	ASD-denovo-nonsyn	5587	PRKD1
NPD_Sets	ASD-denovo-nonsyn	84261	FBXW9
NPD_Sets	ASD-denovo-nonsyn	56963	RGMA
NPD_Sets	ASD-denovo-nonsyn	192286	HIGD2A

NPD_Sets	ASD-denovo-nonsyn	4774	NFIA
NPD_Sets	ASD-denovo-nonsyn	7399	USH2A
NPD_Sets	ASD-denovo-nonsyn	23363	OBSL1
NPD_Sets	ASD-denovo-nonsyn	1956	EGFR
NPD_Sets	ASD-denovo-nonsyn	10024	TROAP
NPD_Sets	ASD-denovo-nonsyn	50831	TAS2R3
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NPD_Sets	ASD-denovo-nonsyn	57758	SCUBE2
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NPD_Sets	ASD-denovo-nonsyn	140453	MUC17
NPD_Sets	ASD-denovo-nonsyn	3012	HIST1H2AE
NPD_Sets	ASD-denovo-nonsyn	26013	L3MBTL1
NPD_Sets	ASD-denovo-nonsyn	23189	KANK1
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NPD_Sets	ASD-denovo-nonsyn	696	BTN1A1
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NPD_Sets	ASD-denovo-nonsyn	1788	DNMT3A
NPD_Sets	ASD-denovo-nonsyn	3274	HRH2
NPD_Sets	ASD-denovo-nonsyn	63891	RNF123
NPD_Sets	ASD-denovo-nonsyn	727897	MUC5B
NPD_Sets	ASD-denovo-nonsyn	5296	PIK3R2
NPD_Sets	ASD-denovo-nonsyn	6144	RPL21
NPD_Sets	ASD-denovo-nonsyn	374977	MROH7
NPD_Sets	ASD-denovo-nonsyn	481	ATP1B1
NPD_Sets	ASD-denovo-nonsyn	375611	SLC26A5
NPD_Sets	ASD-denovo-nonsyn	9858	PPP1R26
NPD_Sets	ASD-denovo-nonsyn	776	CACNA1D
NPD_Sets	ASD-denovo-nonsyn	57535	KIAA1324
NPD_Sets	ASD-denovo-nonsyn	777	CACNA1E
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NPD_Sets	ASD-denovo-nonsyn	374739	TEPP
NPD_Sets	ASD-denovo-nonsyn	5990	RFX2
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NPD_Sets	ASD-denovo-nonsyn	731220	RFX8
NPD_Sets	ASD-denovo-nonsyn	23476	BRD4
NPD_Sets	ASD-denovo-nonsyn	779	CACNA1S
NPD_Sets	ASD-denovo-nonsyn	401667	OR51A2
NPD_Sets	ASD-denovo-nonsyn	26873	OPLAH
NPD_Sets	ASD-denovo-nonsyn	79829	NAA40
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NPD_Sets	ASD-denovo-nonsyn	4666	NACA
NPD_Sets	ASD-denovo-nonsyn	3308	HSPA4
NPD_Sets	ASD-denovo-nonsyn	8295	TRRAP
NPD_Sets	ASD-denovo-nonsyn	23339	VPS39
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NPD_Sets	ASD-denovo-nonsyn	4486	MST1R
NPD_Sets	ASD-denovo-nonsyn	2262	GPC5
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NPD_Sets	ASD-denovo-nonsyn	23294	ANKS1A

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NPD_Sets	ASD-denovo-nonsyn	1475	CSTA
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NPD_Sets	ASD-denovo-nonsyn	4648	MYO7B
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NPD_Sets	ASD-denovo-nonsyn	4208	MEF2C
NPD_Sets	ASD-denovo-nonsyn	121340	SP7
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NPD_Sets	ASD-denovo-nonsyn	9777	TM9SF4
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NPD_Sets	ASD-denovo-nonsyn	100885850	PTGES3L-AARSD1
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NPD_Sets	ASD-denovo-nonsyn	54439	RBM27
NPD_Sets	ASD-denovo-nonsyn	55262	C7orf43
NPD_Sets	ASD-denovo-nonsyn	5519	PPP2R1B
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NPD_Sets	ASD-denovo-nonsyn	6305	SBF1
NPD_Sets	ASD-denovo-nonsyn	81846	SBF2
NPD_Sets	ASD-denovo-nonsyn	10514	MYBBP1A
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NPD_Sets	ASD-denovo-nonsyn	26262	TSPAN17
NPD_Sets	ASD-denovo-nonsyn	60492	CCDC90B
NPD_Sets	ASD-denovo-nonsyn	9901	SRGAP3
NPD_Sets	ASD-denovo-nonsyn	114815	SORCS1
NPD_Sets	ASD-denovo-nonsyn	167410	LIX1
NPD_Sets	ASD-denovo-nonsyn	6323	SCN1A
NPD_Sets	ASD-denovo-nonsyn	90121	TSR2
NPD_Sets	ASD-denovo-nonsyn	8220	DGCR14
NPD_Sets	ASD-denovo-nonsyn	5978	REST
NPD_Sets	ASD-denovo-nonsyn	6929	TCF3
NPD_Sets	ASD-denovo-nonsyn	4763	NF1
NPD_Sets	ASD-denovo-nonsyn	27148	STK36
NPD_Sets	ASD-denovo-nonsyn	5430	POLR2A
NPD_Sets	ASD-denovo-nonsyn	8607	RUVBL1
NPD_Sets	ASD-denovo-nonsyn	23474	ETHE1
NPD_Sets	ASD-denovo-nonsyn	81488	POLR2M
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NPD_Sets	ASD-denovo-nonsyn	2312	FLG
NPD_Sets	ASD-denovo-nonsyn	83439	TCF7L1
NPD_Sets	ASD-denovo-nonsyn	84498	FAM120B

NPD_Sets	ASD-denovo-nonsyn	5604	MAP2K1
NPD_Sets	ASD-denovo-nonsyn	5213	PFKM
NPD_Sets	ASD-denovo-nonsyn	3728	JUP
NPD_Sets	ASD-denovo-nonsyn	80310	PDGFD
NPD_Sets	ASD-denovo-nonsyn	23168	RTF1
NPD_Sets	ASD-denovo-nonsyn	124274	GPR139
NPD_Sets	ASD-denovo-nonsyn	23223	RRP12
NPD_Sets	ASD-denovo-nonsyn	54853	WDR55
NPD_Sets	ASD-denovo-nonsyn	8943	AP3D1
NPD_Sets	ASD-denovo-nonsyn	55015	PRPF39
NPD_Sets	ASD-denovo-nonsyn	345	APOC3
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NPD_Sets	ASD-denovo-nonsyn	25831	HECTD1
NPD_Sets	ASD-denovo-nonsyn	51127	TRIM17
NPD_Sets	ASD-denovo-nonsyn	8940	TOP3B
NPD_Sets	ASD-denovo-nonsyn	57448	BIRC6
NPD_Sets	ASD-denovo-nonsyn	10330	CNPY2
NPD_Sets	ASD-denovo-nonsyn	51163	DBR1
NPD_Sets	ASD-denovo-nonsyn	5187	PER1
NPD_Sets	ASD-denovo-nonsyn	3185	HNRNPF
NPD_Sets	ASD-denovo-nonsyn	26046	LTN1
NPD_Sets	ASD-denovo-nonsyn	54682	MANSC1
NPD_Sets	ASD-denovo-nonsyn	94239	H2AFV
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NPD_Sets	ASD-denovo-nonsyn	4087	SMAD2
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NPD_Sets	ASD-denovo-nonsyn	7007	TECTA
NPD_Sets	ASD-denovo-nonsyn	4602	MYB
NPD_Sets	ASD-denovo-nonsyn	84059	GPR98
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NPD_Sets	ASD-denovo-nonsyn	4317	MMP8
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NPD_Sets	ASD-denovo-nonsyn	5047	PAEP
NPD_Sets	ASD-denovo-nonsyn	342132	ZNF774
NPD_Sets	ASD-denovo-nonsyn	57584	ARHGAP21
NPD_Sets	ASD-denovo-nonsyn	84063	KIRREL2
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NPD_Sets	ASD-denovo-nonsyn	167465	ZNF366
NPD_Sets	ASD-denovo-nonsyn	84623	KIRREL3
NPD_Sets	ASD-denovo-nonsyn	2	A2M
NPD_Sets	ASD-denovo-nonsyn	5862	RAB2A
NPD_Sets	ASD-denovo-nonsyn	26509	MYOF
NPD_Sets	ASD-denovo-nonsyn	9958	USP15
NPD_Sets	ASD-denovo-nonsyn	54934	KANSL2
NPD_Sets	ASD-denovo-nonsyn	83473	KATNAL2
NPD_Sets	ASD-denovo-nonsyn	23255	SOGA2
NPD_Sets	ASD-denovo-nonsyn	57828	CATSPERG
NPD_Sets	ASD-denovo-nonsyn	387104	SOGA3
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NPD_Sets	ASD-denovo-nonsyn	26233	FBXL6
NPD_Sets	ASD-denovo-nonsyn	6694	SPP2

NPD_Sets	ASD-denovo-nonsyn	7059	THBS3
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NPD_Sets	ASD-denovo-nonsyn	83959	SLC4A11
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NPD_Sets	ASD-denovo-nonsyn	55746	NUP133
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NPD_Sets	ASD-denovo-nonsyn	84952	CGNL1
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NPD_Sets	ASD-denovo-nonsyn	4193	MDM2
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NPD_Sets	ASD-denovo-nonsyn	51019	CCDC53
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NPD_Sets	ASD-denovo-nonsyn	11132	CAPN10
NPD_Sets	ASD-denovo-nonsyn	5728	PTEN
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NPD_Sets	ASD-denovo-nonsyn	7760	ZNF213
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NPD_Sets	ASD-denovo-nonsyn	3996	LLGL1
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NPD_Sets	ASD-denovo-nonsyn	8632	DNAH17

NPD_Sets	ASD-denovo-nonsyn	3913	LAMB2
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NPD_Sets	ASD-denovo-nonsyn	26003	GORASP2
NPD_Sets	ASD-denovo-nonsyn	51629	SLC25A39
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NPD_Sets	ASD-denovo-nonsyn	10072	DPP3
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NPD_Sets	ASD-denovo-nonsyn	57664	PLEKHA4
NPD_Sets	ASD-denovo-nonsyn	4041	LRP5
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NPD_Sets	ASD-denovo-nonsyn	2798	GNRHR
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NPD_Sets	ASD-denovo-nonsyn	23345	SYNE1
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NPD_Sets	ASD-denovo-nonsyn	8925	HERC1
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NPD_Sets	ASD-denovo-nonsyn	11113	CIT
NPD_Sets	ASD-denovo-nonsyn	56603	CYP26B1
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NPD_Sets	ASD-denovo-nonsyn	8803	SUCLA2

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NPD_Sets	ASD-denovo-nonsyn	6601	SMARCC2
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NPD_Sets	ASD-denovo-nonsyn	10210	TOPORS
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NPD_Sets	ASD-denovo-nonsyn	84465	MEGF11
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NPD_Sets	ASD-denovo-nonsyn	389362	PSMG4
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NPD_Sets	ASD-denovo-nonsyn	55750	AGK
NPD_Sets	ASD-denovo-nonsyn	257106	ARHGAP30
NPD_Sets	ASD-denovo-nonsyn	4052	LTBP1
NPD_Sets	ASD-denovo-nonsyn	7365	UGT2B10
NPD_Sets	ASD-denovo-nonsyn	63925	ZNF335
NPD_Sets	ASD-denovo-nonsyn	11100	HNRNPUL1
NPD_Sets	ASD-denovo-nonsyn	23358	USP24
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NPD_Sets	ASD-denovo-nonsyn	1106	CHD2
NPD_Sets	ASD-denovo-nonsyn	1107	CHD3
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NPD_Sets	ASD-denovo-nonsyn	6773	STAT2
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NPD_Sets	ASD-denovo-nonsyn	200150	PLD5
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NPD_Sets	ASD-denovo-nonsyn	84812	PLCD4
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NPD_Sets	ASD-denovo-nonsyn	85452	KIAA1751

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NPD_Sets	ASD-denovo-nonsyn	667	DST
NPD_Sets	ASD-denovo-nonsyn	57205	ATP10D
NPD_Sets	ASD-denovo-nonsyn	23389	MED13L
NPD_Sets	ASD-denovo-nonsyn	27332	ZNF638
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NPD_Sets	ASD-denovo-nonsyn	79057	PRRG3
NPD_Sets	ASD-denovo-nonsyn	57617	VPS18
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NPD_Sets	ASD-denovo-nonsyn	2802	GOLGA3
NPD_Sets	ASD-denovo-nonsyn	2803	GOLGA4
NPD_Sets	ASD-denovo-nonsyn	23077	MYCBP2
NPD_Sets	ASD-denovo-nonsyn	5364	PLXNB1
NPD_Sets	ASD-denovo-nonsyn	23654	PLXNB2
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NPD_Sets	ASD-denovo-nonsyn	2053	EPHX2
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NPD_Sets	ASD-denovo-nonsyn	54737	MPHOSPH8
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NPD_Sets	ASD-denovo-nonsyn	23258	DENND5A
NPD_Sets	ASD-denovo-nonsyn	160518	DENND5B
NPD_Sets	ASD-denovo-nonsyn	84231	TRAF7
NPD_Sets	ASD-denovo-nonsyn	81567	TXNDC5
NPD_Sets	ASD-denovo-nonsyn	11276	SYNRG
NPD_Sets	ASD-denovo-nonsyn	53919	SLCO1C1
NPD_Sets	ASD-denovo-nonsyn	9635	CLCA2
NPD_Sets	ASD-denovo-nonsyn	6261	RYR1
NPD_Sets	ASD-denovo-nonsyn	649	BMP1
NPD_Sets	ASD-denovo-nonsyn	10721	POLQ
NPD_Sets	ASD-denovo-nonsyn	977	CD151
NPD_Sets	ASD-denovo-nonsyn	577	BAI3
NPD_Sets	ASD-denovo-nonsyn	5796	PTPRK
NPD_Sets	ASD-denovo-nonsyn	9690	UBE3C
NPD_Sets	ASD-denovo-nonsyn	5797	PTPRM
NPD_Sets	ASD-denovo-nonsyn	4162	MCAM
NPD_Sets	ASD-denovo-nonsyn	23394	ADNP
NPD_Sets	ASD-denovo-nonsyn	161725	OTUD7A
NPD_Sets	ASD-denovo-nonsyn	51111	SUV420H1
NPD_Sets	ASD-denovo-nonsyn	23199	GSE1
NPD_Sets	ASD-denovo-nonsyn	140883	ZNF280B

NPD_Sets	ASD-denovo-nonsyn	64648	SPANXD
NPD_Sets	ASD-denovo-nonsyn	171489	SPANXE
NPD_Sets	ASD-denovo-nonsyn	285527	FRYL
NPD_Sets	ASD-denovo-nonsyn	63035	BCORL1
NPD_Sets	ASD-denovo-nonsyn	50839	TAS2R10
NPD_Sets	ASD-denovo-nonsyn	6794	STK11
NPD_Sets	ASD-denovo-nonsyn	10044	SH2D3C
NPD_Sets	ASD-denovo-nonsyn	7051	TGM1
NPD_Sets	ASD-denovo-nonsyn	9737	GPRASP1
NPD_Sets	ASD-denovo-nonsyn	2335	FN1
NPD_Sets	ASD-denovo-nonsyn	7053	TGM3
NPD_Sets	ASD-denovo-nonsyn	57510	XPO5
NPD_Sets	ASD-denovo-nonsyn	83394	PITPNM3
NPD_Sets	ASD-denovo-nonsyn	29072	SETD2
NPD_Sets	ASD-denovo-nonsyn	57685	CACHD1
NPD_Sets	ASD-denovo-nonsyn	22999	RIMS1
NPD_Sets	ASD-denovo-nonsyn	1859	DYRK1A
NPD_Sets	ASD-denovo-nonsyn	6840	SVIL
NPD_Sets	ASD-denovo-nonsyn	9699	RIMS2
NPD_Sets	ASD-denovo-nonsyn	55209	SETD5
NPD_Sets	ASD-denovo-nonsyn	2002	ELK1
NPD_Sets	ASD-denovo-nonsyn	6734	SRPR
NPD_Sets	ASD-denovo-nonsyn	54103	GSAP
NPD_Sets	ASD-denovo-nonsyn	27243	CHMP2A
NPD_Sets	ASD-denovo-nonsyn	55777	MBD5
NPD_Sets	ASD-denovo-nonsyn	29850	TRPM5
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NPD_Sets	ASD-denovo-nonsyn	54822	TRPM7
NPD_Sets	ASD-denovo-nonsyn	3787	KCNS1
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NPD_Sets	ASD-denovo-nonsyn	3790	KCNS3
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NPD_Sets	ASD-denovo-nonsyn	3441	IFNA4
NPD_Sets	ASD-denovo-nonsyn	344787	ZNF860
NPD_Sets	ASD-denovo-nonsyn	2195	FAT1
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NPD_Sets	ASD-denovo-nonsyn	26036	ZNF451
NPD_Sets	ASD-denovo-nonsyn	3069	HDLBP
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NPD_Sets	ASD-denovo-nonsyn	221188	GPR114
NPD_Sets	ASD-denovo-nonsyn	7468	WHSC1
NPD_Sets	ASD-denovo-nonsyn	50700	RDH8
NPD_Sets	ASD-denovo-nonsyn	64834	ELOVL1
NPD_Sets	ASD-denovo-nonsyn	8120	AP3B2
NPD_Sets	ASD-denovo-nonsyn	166752	FREM3
NPD_Sets	ASD-denovo-nonsyn	84168	ANTXR1
NPD_Sets	ASD-denovo-nonsyn	221178	SPATA13
NPD_Sets	ASD-denovo-nonsyn	81035	COLEC12
NPD_Sets	ASD-denovo-nonsyn	219469	OR8H1
NPD_Sets	ASD-denovo-nonsyn	64327	LMBR1
NPD_Sets	ASD-denovo-nonsyn	113146	AHNAK2
NPD_Sets	ASD-denovo-nonsyn	950	SCARB2
NPD_Sets	ASD-denovo-nonsyn	5663	PSEN1
NPD_Sets	ASD-denovo-nonsyn	3690	ITGB3
NPD_Sets	ASD-denovo-nonsyn	8666	EIF3G
NPD_Sets	ASD-denovo-nonsyn	2562	GABRB3
NPD_Sets	ASD-denovo-nonsyn	83659	TEKT1

NPD_Sets	ASD-denovo-nonsyn	56131	PCDHB4
NPD_Sets	ASD-denovo-nonsyn	9857	CEP350
NPD_Sets	ASD-denovo-nonsyn	9797	TATDN2
NPD_Sets	ASD-denovo-nonsyn	22993	HMGXB3
NPD_Sets	ASD-denovo-nonsyn	6197	RPS6KA3
NPD_Sets	ASD-denovo-nonsyn	284254	DYNAP
NPD_Sets	ASD-denovo-nonsyn	80332	ADAM33
NPD_Sets	ASD-denovo-nonsyn	64207	IRF2BPL
NPD_Sets	ASD-denovo-nonsyn	360023	ZBTB41
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NPD_Sets	ASD-denovo-nonsyn	55684	RABL6
NPD_Sets	ASD-denovo-nonsyn	288	ANK3
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NPD_Sets	ASD-denovo-nonsyn	85453	TSPYL5
NPD_Sets	ASD-denovo-nonsyn	206338	AQPEP
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NPD_Sets	ASD-denovo-nonsyn	50614	GALNT9
NPD_Sets	ASD-denovo-nonsyn	54962	TIPIN
NPD_Sets	ASD-denovo-nonsyn	142686	ASB14
NPD_Sets	ASD-denovo-nonsyn	79867	TCTN2
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NPD_Sets	ASD-denovo-nonsyn	196743	PAOX
NPD_Sets	ASD-denovo-nonsyn	84251	SGIP1
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NPD_Sets	ASD-denovo-nonsyn	3283	HSD3B1
NPD_Sets	ASD-denovo-nonsyn	25890	ABI3BP
NPD_Sets	ASD-denovo-nonsyn	344752	AADACL2
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NPD_Sets	ASD-denovo-nonsyn	390078	OR52E6
NPD_Sets	ASD-denovo-nonsyn	1045	CDX2
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NPD_Sets	ASD-denovo-nonsyn	10402	ST3GAL6
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NPD_Sets	ASD-denovo-nonsyn	590	BCHE
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NPD_Sets	ASD-denovo-nonsyn	8985	PLOD3
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NPD_Sets	ASD-denovo-nonsyn	23283	CSTF2T
NPD_Sets	ASD-denovo-nonsyn	390999	PRAMEF12
NPD_Sets	ASD-denovo-nonsyn	56624	ASAH2

NPD_Sets	ASD-denovo-nonsyn	91614	DEPDC7
NPD_Sets	ASD-denovo-nonsyn	54936	ADPRHL2
NPD_Sets	ASD-denovo-nonsyn	7273	TTN
NPD_Sets	ASD-denovo-nonsyn	8898	MTMR2
NPD_Sets	ASD-denovo-nonsyn	89797	NAV2
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NPD_Sets	ASD-denovo-nonsyn	84146	ZNF644
NPD_Sets	ASD-denovo-nonsyn	55159	RFWD3
NPD_Sets	ASD-denovo-nonsyn	23262	PPIP5K2
NPD_Sets	ASD-denovo-nonsyn	23266	LPHN2
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NPD_Sets	ASD-denovo-nonsyn	158471	PRUNE2
NPD_Sets	ASD-denovo-nonsyn	27340	UTP20
NPD_Sets	ASD-denovo-nonsyn	10785	WDR4
NPD_Sets	ASD-denovo-nonsyn	144453	BEST3
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NPD_Sets	ASD-denovo-nonsyn	157922	CAMSAP1
NPD_Sets	ASD-denovo-nonsyn	280	AMY2B
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NPD_Sets	ASD-denovo-nonsyn	57634	EP400
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NPD_Sets	ASD-denovo-nonsyn	1767	DNAH5
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NPD_Sets	ASD-denovo-nonsyn	4134	MAP4
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NPD_Sets	ASD-denovo-nonsyn	6683	SPAST
NPD_Sets	ASD-denovo-nonsyn	22854	NTNG1
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NPD_Sets	FMRP-Ascano	2043	EPHA4
NPD_Sets	FMRP-Ascano	5108	PCM1
NPD_Sets	FMRP-Ascano	57491	AHRR
NPD_Sets	FMRP-Ascano	55717	WDR11
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NPD_Sets	FMRP-Ascano	10808	HSPH1
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NPD_Sets	FMRP-Ascano	9344	TAOK2
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NPD_Sets	FMRP-Ascano	1000	CDH2
NPD_Sets	FMRP-Ascano	9361	LONP1
NPD_Sets	FMRP-Ascano	51520	LARS
NPD_Sets	FMRP-Ascano	23637	RABGAP1
NPD_Sets	FMRP-Ascano	4241	MFI2
NPD_Sets	FMRP-Ascano	337876	CHSY3
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NPD_Sets	FMRP-Ascano	79811	SLTM
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NPD_Sets	FMRP-Ascano	9564	BCAR1
NPD_Sets	FMRP-Ascano	9732	DOCK4
NPD_Sets	FMRP-Ascano	9394	HS6ST1
NPD_Sets	FMRP-Ascano	23359	FAM189A1
NPD_Sets	FMRP-Ascano	91746	YTHDC1
NPD_Sets	FMRP-Ascano	80821	DDHD1
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NPD_Sets	FMRP-Ascano	159195	USP54
NPD_Sets	FMRP-Ascano	5927	KDM5A
NPD_Sets	FMRP-Ascano	6850	SYK
NPD_Sets	FMRP-Ascano	84706	GPT2
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NPD_Sets	FMRP-Ascano	6777	STAT5B
NPD_Sets	FMRP-Ascano	22950	SLC4A1AP
NPD_Sets	FMRP-Ascano	114928	GPRASP2
NPD_Sets	FMRP-Ascano	23303	KIF13B
NPD_Sets	FMRP-Ascano	57147	SCYL3
NPD_Sets	FMRP-Ascano	3065	HDAC1
NPD_Sets	FMRP-Ascano	81545	FBXO38
NPD_Sets	FMRP-Ascano	116496	FAM129A
NPD_Sets	FMRP-Ascano	85377	MICALL1
NPD_Sets	FMRP-Ascano	55778	ZNF839
NPD_Sets	FMRP-Ascano	25817	FAM19A5
NPD_Sets	FMRP-Ascano	399687	MYO18A
NPD_Sets	FMRP-Ascano	79714	CCDC51
NPD_Sets	FMRP-Ascano	56980	PRDM10
NPD_Sets	FMRP-Ascano	84342	COG8
NPD_Sets	FMRP-Ascano	284403	WDR62
NPD_Sets	FMRP-Ascano	22995	CEP152
NPD_Sets	FMRP-Ascano	387893	SETD8
NPD_Sets	FMRP-Ascano	4008	LMO7
NPD_Sets	FMRP-Ascano	23233	EXOC6B
NPD_Sets	FMRP-Ascano	253461	ZBTB38
NPD_Sets	FMRP-Ascano	10844	TUBGCP2
NPD_Sets	FMRP-Ascano	3308	HSPA4
NPD_Sets	FMRP-Ascano	55275	VPS53
NPD_Sets	FMRP-Ascano	51593	SRRT
NPD_Sets	FMRP-Ascano	57701	NCKAP5L
NPD_Sets	FMRP-Ascano	80223	RAB11FIP1
NPD_Sets	FMRP-Ascano	9704	DHX34
NPD_Sets	FMRP-Ascano	9989	PPP4R1
NPD_Sets	FMRP-Ascano	125950	RAVER1
NPD_Sets	FMRP-Ascano	339175	METTL2A
NPD_Sets	FMRP-Ascano	57679	ALS2
NPD_Sets	FMRP-Ascano	4054	LTBP3
NPD_Sets	FMRP-Ascano	91	ACVR1B
NPD_Sets	FMRP-Ascano	10155	TRIM28
NPD_Sets	FMRP-Ascano	5598	MAPK7
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NPD_Sets	FMRP-Ascano	9416	DDX23
NPD_Sets	FMRP-Ascano	2201	FBN2
NPD_Sets	FMRP-Ascano	10908	PNPLA6
NPD_Sets	FMRP-Ascano	2200	FBN1
NPD_Sets	FMRP-Ascano	9790	BMS1
NPD_Sets	FMRP-Ascano	50485	SMARCAL1
NPD_Sets	FMRP-Ascano	51191	HERC5
NPD_Sets	FMRP-Ascano	1108	CHD4
NPD_Sets	FMRP-Ascano	26024	PTCD1
NPD_Sets	FMRP-Ascano	11128	POLR3A
NPD_Sets	FMRP-Ascano	7204	TRIO
NPD_Sets	FMRP-Ascano	6262	RYR2
NPD_Sets	FMRP-Ascano	23392	KIAA0368
NPD_Sets	FMRP-Ascano	79925	SPEF2
NPD_Sets	FMRP-Ascano	23130	ATG2A
NPD_Sets	FMRP-Ascano	57728	WDR19
NPD_Sets	FMRP-Ascano	29889	GNL2

NPD_Sets	FMRP-Ascano	9919	SEC16A
NPD_Sets	FMRP-Ascano	8642	DCHS1
NPD_Sets	FMRP-Ascano	2317	FLNB
NPD_Sets	FMRP-Ascano	1660	DHX9
NPD_Sets	FMRP-Ascano	10985	GCN1L1
NPD_Sets	FMRP-Ascano	116236	ABHD15
NPD_Sets	FMRP-Ascano	6709	SPTAN1
NPD_Sets	FMRP-Ascano	11325	DDX42
NPD_Sets	FMRP-Ascano	9231	DLG5
NPD_Sets	FMRP-Ascano	22984	PDCD11
NPD_Sets	FMRP-Ascano	2071	ERCC3
NPD_Sets	FMRP-Ascano	7094	TLN1
NPD_Sets	FMRP-Ascano	7290	HIRA
NPD_Sets	FMRP-Ascano	2475	MTOR
NPD_Sets	FMRP-Ascano	83481	EPPK1
NPD_Sets	FMRP-Ascano	7644	ZNF91
NPD_Sets	FMRP-Darnell	8927	BSN
NPD_Sets	FMRP-Darnell	547	KIF1A
NPD_Sets	FMRP-Darnell	4130	MAP1A
NPD_Sets	FMRP-Darnell	324	APC
NPD_Sets	FMRP-Darnell	4131	MAP1B
NPD_Sets	FMRP-Darnell	116986	AGAP2
NPD_Sets	FMRP-Darnell	107	ADCY1
NPD_Sets	FMRP-Darnell	22859	LPHN1
NPD_Sets	FMRP-Darnell	26999	CYFIP2
NPD_Sets	FMRP-Darnell	491	ATP2B2
NPD_Sets	FMRP-Darnell	11188	NISCH
NPD_Sets	FMRP-Darnell	23095	KIF1B
NPD_Sets	FMRP-Darnell	5802	PTPRS
NPD_Sets	FMRP-Darnell	50944	SHANK1
NPD_Sets	FMRP-Darnell	10075	HUWE1
NPD_Sets	FMRP-Darnell	3798	KIF5A
NPD_Sets	FMRP-Darnell	576	BAI2
NPD_Sets	FMRP-Darnell	8831	SYNGAP1
NPD_Sets	FMRP-Darnell	478	ATP1A3
NPD_Sets	FMRP-Darnell	2194	FASN
NPD_Sets	FMRP-Darnell	23001	WDFY3
NPD_Sets	FMRP-Darnell	5138	PDE2A
NPD_Sets	FMRP-Darnell	1107	CHD3
NPD_Sets	FMRP-Darnell	287	ANK2
NPD_Sets	FMRP-Darnell	3708	ITPR1
NPD_Sets	FMRP-Darnell	23154	NCDN
NPD_Sets	FMRP-Darnell	3097	HIVEP2
NPD_Sets	FMRP-Darnell	7267	TTC3
NPD_Sets	FMRP-Darnell	3064	HTT
NPD_Sets	FMRP-Darnell	9625	AATK
NPD_Sets	FMRP-Darnell	9743	ARHGAP32
NPD_Sets	FMRP-Darnell	22853	LMTK2
NPD_Sets	FMRP-Darnell	1952	CELSR2
NPD_Sets	FMRP-Darnell	815	CAMK2A
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NPD_Sets	FMRP-Darnell	1938	EEF2
NPD_Sets	FMRP-Darnell	1759	DNM1
NPD_Sets	FMRP-Darnell	57555	NLGN2
NPD_Sets	FMRP-Darnell	6712	SPTBN2
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NPD_Sets	FMRP-Darnell	2904	GRIN2B
NPD_Sets	FMRP-Darnell	89795	NAV3

NPD_Sets	FMRP-Darnell	4035	LRP1
NPD_Sets	FMRP-Darnell	57580	PREX1
NPD_Sets	FMRP-Darnell	9379	NRXN2
NPD_Sets	FMRP-Darnell	10297	APC2
NPD_Sets	FMRP-Darnell	1742	DLG4
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NPD_Sets	FMRP-Darnell	288	ANK3
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NPD_Sets	FMRP-Darnell	92154	MTSS1L
NPD_Sets	FMRP-Darnell	84894	LINGO1
NPD_Sets	FMRP-Darnell	2901	GRIK5
NPD_Sets	FMRP-Darnell	23077	MYCBP2
NPD_Sets	FMRP-Darnell	10129	FRY
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NPD_Sets	FMRP-Darnell	9612	NCOR2
NPD_Sets	FMRP-Darnell	20	ABCA2
NPD_Sets	FMRP-Darnell	6305	SBF1
NPD_Sets	FMRP-Darnell	8567	MADD
NPD_Sets	FMRP-Darnell	8911	CACNA1I
NPD_Sets	FMRP-Darnell	22990	PCNX
NPD_Sets	FMRP-Darnell	3800	KIF5C
NPD_Sets	FMRP-Darnell	4644	MYO5A
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NPD_Sets	FMRP-Darnell	57030	SLC17A7
NPD_Sets	FMRP-Darnell	8525	DGKZ
NPD_Sets	FMRP-Darnell	23258	DENND5A
NPD_Sets	FMRP-Darnell	8924	HERC2
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NPD_Sets	FMRP-Darnell	8502	PKP4
NPD_Sets	FMRP-Darnell	667	DST
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NPD_Sets	FMRP-Darnell	5297	PI4KA
NPD_Sets	FMRP-Darnell	6709	SPTAN1
NPD_Sets	FMRP-Darnell	23524	SRRM2
NPD_Sets	FMRP-Darnell	1387	CREBBP
NPD_Sets	FMRP-Darnell	26960	NBEA
NPD_Sets	FMRP-Darnell	506	ATP5B
NPD_Sets	FMRP-Darnell	80725	SRCIN1
NPD_Sets	FMRP-Darnell	4967	OGDH
NPD_Sets	FMRP-Darnell	9229	DLGAP1
NPD_Sets	FMRP-Darnell	23046	KIF21B
NPD_Sets	FMRP-Darnell	23400	ATP13A2
NPD_Sets	FMRP-Darnell	6334	SCN8A
NPD_Sets	FMRP-Darnell	23162	MAPK8IP3
NPD_Sets	FMRP-Darnell	65268	WNK2
NPD_Sets	FMRP-Darnell	83637	ZMIZ2
NPD_Sets	FMRP-Darnell	146330	FBXL16
NPD_Sets	FMRP-Darnell	8295	TRRAP
NPD_Sets	FMRP-Darnell	6711	SPTBN1
NPD_Sets	FMRP-Darnell	23061	TBC1D9B
NPD_Sets	FMRP-Darnell	6651	SON
NPD_Sets	FMRP-Darnell	5361	PLXNA1
NPD_Sets	FMRP-Darnell	58512	DLGAP3
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NPD_Sets	FMRP-Darnell	2909	ARHGAP35
NPD_Sets	FMRP-Darnell	23164	MPRIP

NPD_Sets	FMRP-Darnell	6721	SREBF2
NPD_Sets	FMRP-Darnell	26038	CHD5
NPD_Sets	FMRP-Darnell	23129	PLXND1
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NPD_Sets	FMRP-Darnell	9645	MICAL2
NPD_Sets	FMRP-Darnell	5581	PRKCE
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NPD_Sets	FMRP-Darnell	65125	WNK1
NPD_Sets	FMRP-Darnell	23025	UNC13A
NPD_Sets	FMRP-Darnell	22980	TCF25
NPD_Sets	FMRP-Darnell	1982	EIF4G2
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NPD_Sets	FMRP-Darnell	5522	PPP2R2C
NPD_Sets	FMRP-Darnell	9901	SRGAP3
NPD_Sets	FMRP-Darnell	2903	GRIN2A
NPD_Sets	FMRP-Darnell	23152	CIC
NPD_Sets	FMRP-Darnell	9568	GABBR2
NPD_Sets	FMRP-Darnell	6812	STXBP1
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NPD_Sets	FMRP-Darnell	9980	DOPEY2
NPD_Sets	FMRP-Darnell	8997	KALRN
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NPD_Sets	FMRP-Darnell	9892	SNAP91
NPD_Sets	FMRP-Darnell	23389	MED13L
NPD_Sets	FMRP-Darnell	9600	PITPNM1
NPD_Sets	FMRP-Darnell	23395	LARS2
NPD_Sets	FMRP-Darnell	64324	NSD1
NPD_Sets	FMRP-Darnell	2782	GNB1
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NPD_Sets	FMRP-Darnell	9736	USP34
NPD_Sets	FMRP-Darnell	488	ATP2A2
NPD_Sets	FMRP-Darnell	23040	MYT1L
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NPD_Sets	FMRP-Darnell	399687	MYO18A
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NPD_Sets	FMRP-Darnell	816	CAMK2B
NPD_Sets	FMRP-Darnell	23348	DOCK9
NPD_Sets	FMRP-Darnell	204851	HIPK1
NPD_Sets	FMRP-Darnell	8941	CDK5R2
NPD_Sets	FMRP-Darnell	84461	NEURL4
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NPD_Sets	FMRP-Darnell	5792	PTPRF
NPD_Sets	FMRP-Darnell	89796	NAV1
NPD_Sets	FMRP-Darnell	1639	DCTN1
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NPD_Sets	FMRP-Darnell	1808	DPYSL2
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NPD_Sets	FMRP-Darnell	4591	TRIM37
NPD_Sets	FMRP-Darnell	23312	DMXL2
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NPD_Sets	FMRP-Darnell	22883	CLSTN1
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NPD_Sets	FMRP-Darnell	57575	PCDH10
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NPD_Sets	FMRP-Darnell	25999	CLIP3
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NPD_Sets	FMRP-Darnell	160	AP2A1
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NPD_Sets	FMRP-Darnell	777	CACNA1E
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NPD_Sets	FMRP-Darnell	1463	NCAN
NPD_Sets	FMRP-Darnell	2550	GABBR1
NPD_Sets	FMRP-Darnell	3756	KCNH1
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NPD_Sets	FMRP-Darnell	9448	MAP4K4
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NPD_Sets	FMRP-Darnell	9344	TAOK2
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NPD_Sets	FMRP-Darnell	10777	ARPP21
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NPD_Sets	FMRP-Darnell	8404	SPARCL1
NPD_Sets	FMRP-Darnell	6508	SLC4A3
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NPD_Sets	FMRP-Darnell	10142	AKAP9
NPD_Sets	FMRP-Darnell	21	ABCA3
NPD_Sets	FMRP-Darnell	8648	NCOA1
NPD_Sets	FMRP-Darnell	23026	MYO16
NPD_Sets	FMRP-Darnell	6543	SLC8A2
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NPD_Sets	FMRP-Darnell	166336	PRICKLE2
NPD_Sets	FMRP-Darnell	163	AP2B1
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NPD_Sets	FMRP-Darnell	9043	SPAG9
NPD_Sets	FMRP-Darnell	57609	DIP2B
NPD_Sets	FMRP-Darnell	23316	CUX2
NPD_Sets	FMRP-Darnell	11180	WDR6
NPD_Sets	FMRP-Darnell	5339	PLEC
NPD_Sets	FMRP-Darnell	29978	UBQLN2
NPD_Sets	FMRP-Darnell	10444	ZER1
NPD_Sets	FMRP-Darnell	23113	CUL9
NPD_Sets	FMRP-Darnell	7216	TRO
NPD_Sets	FMRP-Darnell	55102	ATG2B
NPD_Sets	FMRP-Darnell	5098	PCDHGC3
NPD_Sets	FMRP-Darnell	2889	RAPGEF1
NPD_Sets	FMRP-Darnell	9320	TRIP12
NPD_Sets	FMRP-Darnell	29888	STRN4
NPD_Sets	FMRP-Darnell	23369	PUM2
NPD_Sets	FMRP-Darnell	27125	AFF4
NPD_Sets	FMRP-Darnell	23264	ZC3H7B
NPD_Sets	FMRP-Darnell	9690	UBE3C
NPD_Sets	FMRP-Darnell	2309	FOXO3
NPD_Sets	FMRP-Darnell	5900	RALGDS
NPD_Sets	FMRP-Darnell	65018	PINK1
NPD_Sets	FMRP-Darnell	114787	GPRIN1
NPD_Sets	FMRP-Darnell	9706	ULK2
NPD_Sets	FMRP-Darnell	22982	DIP2C
NPD_Sets	FMRP-Darnell	375449	MAST4
NPD_Sets	FMRP-Darnell	9145	SYNGR1
NPD_Sets	FMRP-Darnell	1612	DAPK1
NPD_Sets	FMRP-Darnell	114783	LMTK3
NPD_Sets	FMRP-Darnell	23248	RPRD2
NPD_Sets	FMRP-Darnell	6616	SNAP25
NPD_Sets	FMRP-Darnell	57554	LRRC7
NPD_Sets	FMRP-Darnell	2033	EP300
NPD_Sets	FMRP-Darnell	320	APBA1
NPD_Sets	FMRP-Darnell	8189	SYMPK
NPD_Sets	FMRP-Darnell	8867	SYNJ1
NPD_Sets	FMRP-Darnell	8618	CADPS
NPD_Sets	FMRP-Darnell	85446	ZFHX2
NPD_Sets	FMRP-Darnell	23094	SIPA1L3
NPD_Sets	FMRP-Darnell	10014	HDAC5
NPD_Sets	FMRP-Darnell	7249	TSC2
NPD_Sets	FMRP-Darnell	1152	CKB
NPD_Sets	FMRP-Darnell	8671	SLC4A4

NPD_Sets	FMRP-Darnell	9793	CKAP5
NPD_Sets	FMRP-Darnell	10787	NCKAP1
NPD_Sets	FMRP-Darnell	8943	AP3D1
NPD_Sets	FMRP-Darnell	1826	DSCAM
NPD_Sets	FMRP-Darnell	56995	TULP4
NPD_Sets	FMRP-Darnell	23043	TNIK
NPD_Sets	FMRP-Darnell	273	AMPH
NPD_Sets	FMRP-Darnell	9228	DLGAP2
NPD_Sets	FMRP-Darnell	9110	MTMR4
NPD_Sets	FMRP-Darnell	5518	PPP2R1A
NPD_Sets	FMRP-Darnell	3096	HIVEP1
NPD_Sets	FMRP-Darnell	23284	LPHN3
NPD_Sets	FMRP-Darnell	90990	KIFC2
NPD_Sets	FMRP-Darnell	10194	TSHZ1
NPD_Sets	FMRP-Darnell	63916	ELMO2
NPD_Sets	FMRP-Darnell	3797	KIF3C
NPD_Sets	FMRP-Darnell	57634	EP400
NPD_Sets	FMRP-Darnell	388662	SLC6A17
NPD_Sets	FMRP-Darnell	80003	PCNXL2
NPD_Sets	FMRP-Darnell	283209	PGM2L1
NPD_Sets	FMRP-Darnell	146664	MGAT5B
NPD_Sets	FMRP-Darnell	26057	ANKRD17
NPD_Sets	FMRP-Darnell	23054	NCOA6
NPD_Sets	FMRP-Darnell	659	BMPR2
NPD_Sets	FMRP-Darnell	801	CALM1
NPD_Sets	FMRP-Darnell	5795	PTPRJ
NPD_Sets	FMRP-Darnell	8851	CDK5R1
NPD_Sets	FMRP-Darnell	6792	CDKL5
NPD_Sets	FMRP-Darnell	134957	STXBP5
NPD_Sets	FMRP-Darnell	7786	MAP3K12
NPD_Sets	FMRP-Darnell	6925	TCF4
NPD_Sets	FMRP-Darnell	3751	KCND2
NPD_Sets	FMRP-Darnell	9905	SGSM2
NPD_Sets	FMRP-Darnell	23074	UHRF1BP1L
NPD_Sets	FMRP-Darnell	57679	ALS2
NPD_Sets	FMRP-Darnell	64743	WDR13
NPD_Sets	FMRP-Darnell	808	CALM3
NPD_Sets	FMRP-Darnell	22993	HMGXB3
NPD_Sets	FMRP-Darnell	498	ATP5A1
NPD_Sets	FMRP-Darnell	9369	NRXN3
NPD_Sets	FMRP-Darnell	9698	PUM1
NPD_Sets	FMRP-Darnell	1363	CPE
NPD_Sets	FMRP-Darnell	57338	JPH3
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NPD_Sets	FMRP-Darnell	23394	ADNP
NPD_Sets	FMRP-Darnell	57148	RALGAPB
NPD_Sets	FMRP-Darnell	610	HCN2
NPD_Sets	FMRP-Darnell	1840	DTX1
NPD_Sets	FMRP-Darnell	23416	KCNH3
NPD_Sets	FMRP-Darnell	11113	CIT
NPD_Sets	FMRP-Darnell	9867	PJA2
NPD_Sets	FMRP-Darnell	23326	USP22
NPD_Sets	FMRP-Darnell	10446	LRRN2
NPD_Sets	FMRP-Darnell	5354	PLP1
NPD_Sets	FMRP-Darnell	5530	PPP3CA
NPD_Sets	FMRP-Darnell	79567	FAM65A
NPD_Sets	FMRP-Darnell	9839	ZEB2

NPD_Sets	FMRP-Darnell	375790	AGRN
NPD_Sets	FMRP-Darnell	57512	GPR158
NPD_Sets	FMRP-Darnell	3996	LLGL1
NPD_Sets	FMRP-Darnell	57680	CHD8
NPD_Sets	FMRP-Darnell	54497	HEATR5B
NPD_Sets	FMRP-Darnell	476	ATP1A1
NPD_Sets	FMRP-Darnell	80243	PREX2
NPD_Sets	FMRP-Darnell	253959	RALGAPA1
NPD_Sets	FMRP-Darnell	4150	MAZ
NPD_Sets	FMRP-Darnell	440073	IQSEC3
NPD_Sets	FMRP-Darnell	9747	FAM115A
NPD_Sets	FMRP-Darnell	22941	SHANK2
NPD_Sets	FMRP-Darnell	55690	PACS1
NPD_Sets	FMRP-Darnell	230	ALDOC
NPD_Sets	FMRP-Darnell	1400	CRMP1
NPD_Sets	FMRP-Darnell	503542	SPRN
NPD_Sets	FMRP-Darnell	29767	TMOD2
NPD_Sets	FMRP-Darnell	11033	ADAP1
NPD_Sets	FMRP-Darnell	84687	PPP1R9B
NPD_Sets	FMRP-Darnell	256472	TMEM151A
NPD_Sets	FMRP-Darnell	286	ANK1
NPD_Sets	FMRP-Darnell	118987	PDZD8
NPD_Sets	FMRP-Darnell	23286	WWC1
NPD_Sets	FMRP-Darnell	55832	CAND1
NPD_Sets	FMRP-Darnell	351	APP
NPD_Sets	FMRP-Darnell	79633	FAT4
NPD_Sets	FMRP-Darnell	162	AP1B1
NPD_Sets	FMRP-Darnell	1958	EGR1
NPD_Sets	FMRP-Darnell	23476	BRD4
NPD_Sets	FMRP-Darnell	149041	RC3H1
NPD_Sets	FMRP-Darnell	57447	NDRG2
NPD_Sets	FMRP-Darnell	2902	GRIN1
NPD_Sets	FMRP-Darnell	23523	CABIN1
NPD_Sets	FMRP-Darnell	8242	KDM5C
NPD_Sets	FMRP-Darnell	22843	PPM1E
NPD_Sets	FMRP-Darnell	104	ADARB1
NPD_Sets	FMRP-Darnell	5582	PRKCG
NPD_Sets	FMRP-Darnell	7102	TSPAN7
NPD_Sets	FMRP-Darnell	9282	MED14
NPD_Sets	FMRP-Darnell	9024	BRSK2
NPD_Sets	FMRP-Darnell	8936	WASF1
NPD_Sets	FMRP-Darnell	1917	EEF1A2
NPD_Sets	FMRP-Darnell	10612	TRIM3
NPD_Sets	FMRP-Darnell	54878	DPP8
NPD_Sets	FMRP-Darnell	23646	PLD3
NPD_Sets	FMRP-Darnell	10499	NCOA2
NPD_Sets	FMRP-Darnell	784	CACNB3
NPD_Sets	FMRP-Darnell	3748	KCNC3
NPD_Sets	FMRP-Darnell	3098	HK1
NPD_Sets	FMRP-Darnell	9826	ARHGEF11
NPD_Sets	FMRP-Darnell	79699	ZYG11B
NPD_Sets	FMRP-Darnell	5728	PTEN
NPD_Sets	FMRP-Darnell	283149	BCL9L
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NPD_Sets	FMRP-Darnell	5364	PLXNB1
NPD_Sets	FMRP-Darnell	23321	TRIM2
NPD_Sets	FMRP-Darnell	5310	PKD1
NPD_Sets	FMRP-Darnell	9258	MFHAS1

NPD_Sets	FMRP-Darnell	26050	SLITRK5
NPD_Sets	FMRP-Darnell	2899	GRIK3
NPD_Sets	FMRP-Darnell	116987	AGAP1
NPD_Sets	FMRP-Darnell	55095	SAMD4B
NPD_Sets	FMRP-Darnell	10114	HIPK3
NPD_Sets	FMRP-Darnell	3843	IPO5
NPD_Sets	FMRP-Darnell	2186	BPTF
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NPD_Sets	FMRP-Darnell	4862	NPAS2
NPD_Sets	FMRP-Darnell	9215	LARGE
NPD_Sets	FMRP-Darnell	4037	LRP3
NPD_Sets	FMRP-Darnell	23041	MON2
NPD_Sets	FMRP-Darnell	9919	SEC16A
NPD_Sets	FMRP-Darnell	57224	NHSL1
NPD_Sets	FMRP-Darnell	23013	SPEN
NPD_Sets	FMRP-Darnell	57551	TAOK1
NPD_Sets	FMRP-Darnell	57468	SLC12A5
NPD_Sets	FMRP-Darnell	473	RERE
NPD_Sets	FMRP-Darnell	5099	PCDH7
NPD_Sets	FMRP-Darnell	156	ADRBK1
NPD_Sets	FMRP-Darnell	8470	SORBS2
NPD_Sets	FMRP-Darnell	4900	NRGN
NPD_Sets	FMRP-Darnell	57521	RPTOR
NPD_Sets	FMRP-Darnell	55084	SOBP
NPD_Sets	FMRP-Darnell	3899	AFF3
NPD_Sets	FMRP-Darnell	84067	FAM160A2
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NPD_Sets	FMRP-Darnell	5649	RELN
NPD_Sets	FMRP-Darnell	84181	CHD6
NPD_Sets	FMRP-Darnell	1487	CTBP1
NPD_Sets	FMRP-Darnell	6844	VAMP2
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NPD_Sets	FMRP-Darnell	55729	ATF7IP
NPD_Sets	FMRP-Darnell	22907	DHX30
NPD_Sets	FMRP-Darnell	5980	REV3L
NPD_Sets	FMRP-Darnell	9498	SLC4A8
NPD_Sets	FMRP-Darnell	11069	RAPGEF4
NPD_Sets	FMRP-Darnell	79711	IPO4
NPD_Sets	FMRP-Darnell	55777	MBD5
NPD_Sets	FMRP-Darnell	114794	ELFN2
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NPD_Sets	FMRP-Darnell	5789	PTPRD
NPD_Sets	FMRP-Darnell	9990	SLC12A6
NPD_Sets	FMRP-Darnell	23467	NPTXR
NPD_Sets	FMRP-Darnell	10891	PPARGC1A
NPD_Sets	FMRP-Darnell	7025	NR2F1
NPD_Sets	FMRP-Darnell	8660	IRS2
NPD_Sets	FMRP-Darnell	9181	ARHGEF2
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NPD_Sets	FMRP-Darnell	9898	UBAP2L
NPD_Sets	FMRP-Darnell	10313	RTN3
NPD_Sets	FMRP-Darnell	441151	TMEM151B
NPD_Sets	FMRP-Darnell	6942	TCF20
NPD_Sets	FMRP-Darnell	150726	FBXO41

NPD_Sets	FMRP-Darnell	26133	TRPC4AP
NPD_Sets	FMRP-Darnell	2823	GPM6A
NPD_Sets	FMRP-Darnell	5526	PPP2R5B
NPD_Sets	FMRP-Darnell	23039	XPO7
NPD_Sets	FMRP-Darnell	54972	TMEM132A
NPD_Sets	FMRP-Darnell	4155	MBP
NPD_Sets	FMRP-Darnell	26470	SEZ6L2
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NPD_Sets	FMRP-Darnell	57636	ARHGAP23
NPD_Sets	FMRP-Darnell	161742	SPRED1
NPD_Sets	FMRP-Darnell	23116	FAM179B
NPD_Sets	FMRP-Darnell	339983	NAT8L
NPD_Sets	FMRP-Darnell	57678	GPAM
NPD_Sets	FMRP-Darnell	7532	YWHAG
NPD_Sets	FMRP-Darnell	10025	MED16
NPD_Sets	FMRP-Darnell	89797	NAV2
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NPD_Sets	FMRP-Darnell	6710	SPTB
NPD_Sets	FMRP-Darnell	10814	CPLX2
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NPD_Sets	FMRP-Darnell	84251	SGIP1
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NPD_Sets	FMRP-Darnell	51366	UBR5
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NPD_Sets	FMRP-Darnell	10395	DLC1
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NPD_Sets	FMRP-Darnell	2534	FYN
NPD_Sets	FMRP-Darnell	9796	PHYHIP
NPD_Sets	FMRP-Darnell	63893	UBE2O
NPD_Sets	FMRP-Darnell	84861	KLHL22
NPD_Sets	FMRP-Darnell	9759	HDAC4
NPD_Sets	FMRP-Darnell	1762	DMWD
NPD_Sets	FMRP-Darnell	10494	STK25
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NPD_Sets	FMRP-Darnell	9854	C2CD2L
NPD_Sets	FMRP-Darnell	9651	PLCH2

NPD_Sets	FMRP-Darnell	51230	PHF20
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NPD_Sets	FMRP-Darnell	774	CACNA1B
NPD_Sets	FMRP-Darnell	1123	CHN1
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NPD_Sets	FMRP-Darnell	5128	CDK17
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NPD_Sets	FMRP-Darnell	7384	UQCRC1
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NPD_Sets	FMRP-Darnell	64759	TNS3
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NPD_Sets	FMRP-Darnell	6272	SORT1
NPD_Sets	FMRP-Darnell	10000	AKT3
NPD_Sets	FMRP-Darnell	11100	HNRNPUL1
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NPD_Sets	FMRP-Darnell	126129	CPT1C
NPD_Sets	FMRP-Darnell	1267	CNP
NPD_Sets	FMRP-Darnell	22954	TRIM32
NPD_Sets	FMRP-Darnell	4684	NCAM1
NPD_Sets	FMRP-Darnell	6397	SEC14L1
NPD_Sets	FMRP-Darnell	57453	DSCAML1
NPD_Sets	FMRP-Darnell	55964	SEPT3
NPD_Sets	FMRP-Darnell	4916	NTRK3
NPD_Sets	FMRP-Darnell	23420	NOMO1
NPD_Sets	FMRP-Darnell	23677	SH3BP4
NPD_Sets	FMRP-Darnell	782	CACNB1
NPD_Sets	FMRP-Darnell	8622	PDE8B
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NPD_Sets	FMRP-Darnell	4905	NSF
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NPD_Sets	FMRP-Darnell	23135	KDM6B
NPD_Sets	FMRP-Darnell	388	RHOB
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NPD_Sets	FMRP-Darnell	9619	ABCG1
NPD_Sets	FMRP-Darnell	7804	LRP8
NPD_Sets	FMRP-Darnell	84669	USP32
NPD_Sets	FMRP-Darnell	54769	DIRAS2
NPD_Sets	FMRP-Darnell	26025	PCDHGA12
NPD_Sets	FMRP-Darnell	10381	TUBB3
NPD_Sets	FMRP-Darnell	50649	ARHGEF4
NPD_Sets	FMRP-Darnell	10645	CAMKK2
NPD_Sets	FMRP-Darnell	401190	RGS7BP
NPD_Sets	FMRP-Darnell	84867	PTPN5
NPD_Sets	FMRP-Darnell	8204	NRIP1
NPD_Sets	FMRP-Darnell	23108	RAP1GAP2
NPD_Sets	FMRP-Darnell	2975	GTF3C1
NPD_Sets	FMRP-Darnell	3607	FOXK2
NPD_Sets	FMRP-Darnell	79065	ATG9A
NPD_Sets	FMRP-Darnell	2976	GTF3C2
NPD_Sets	FMRP-Darnell	9863	MAGI2
NPD_Sets	FMRP-Darnell	8541	PPFIA3
NPD_Sets	FMRP-Darnell	23064	SETX
NPD_Sets	FMRP-Darnell	23241	PACS2
NPD_Sets	FMRP-Darnell	3785	KCNQ2

NPD_Sets	FMRP-Darnell	54620	FBXL19
NPD_Sets	FMRP-Darnell	5430	POLR2A
NPD_Sets	FMRP-Darnell	4209	MEF2D
NPD_Sets	FMRP-Darnell	9865	TRIL
NPD_Sets	FMRP-Darnell	11176	BAZ2A
NPD_Sets	FMRP-Darnell	7090	TLE3
NPD_Sets	FMRP-Darnell	9091	PIGQ
NPD_Sets	FMRP-Darnell	84253	GARNL3
NPD_Sets	FMRP-Darnell	79085	SLC25A23
NPD_Sets	FMRP-Darnell	5594	MAPK1
NPD_Sets	FMRP-Darnell	27087	B3GAT1
NPD_Sets	FMRP-Darnell	55512	SMPD3
NPD_Sets	FMRP-Darnell	23270	TSPYL4
NPD_Sets	FMRP-Darnell	322	APBB1
NPD_Sets	FMRP-Darnell	10893	MMP24
NPD_Sets	FMRP-Darnell	493	ATP2B4
NPD_Sets	FMRP-Darnell	60680	CELF5
NPD_Sets	FMRP-Darnell	10290	SPEG
NPD_Sets	FMRP-Darnell	23413	NCS1
NPD_Sets	FMRP-Darnell	5596	MAPK4
NPD_Sets	FMRP-Darnell	6546	SLC8A1
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NPD_Sets	FMRP-Darnell	56894	AGPAT3
NPD_Sets	FMRP-Darnell	27239	GPR162
NPD_Sets	FMRP-Darnell	5747	PTK2
NPD_Sets	FMRP-Darnell	11346	SYNPO
NPD_Sets	FMRP-Darnell	4928	NUP98
NPD_Sets	FMRP-Darnell	9114	ATP6V0D1
NPD_Sets	FMRP-Darnell	23221	RHOBTB2
NPD_Sets	FMRP-Darnell	55362	TMEM63B
NPD_Sets	FMRP-Darnell	23770	FKBP8
NPD_Sets	FMRP-Darnell	10815	CPLX1
NPD_Sets	FMRP-Darnell	1182	CLCN3
NPD_Sets	FMRP-Darnell	2914	GRM4
NPD_Sets	FMRP-Darnell	90249	UNC5A
NPD_Sets	FMRP-Darnell	10484	SEC23A
NPD_Sets	FMRP-Darnell	55074	OXR1
NPD_Sets	FMRP-Darnell	4628	MYH10
NPD_Sets	FMRP-Darnell	23051	ZHX3
NPD_Sets	FMRP-Darnell	23149	FCHO1
NPD_Sets	FMRP-Darnell	23005	MAPKBP1
NPD_Sets	FMRP-Darnell	57534	MIB1
NPD_Sets	FMRP-Darnell	7008	TEF
NPD_Sets	FMRP-Darnell	84502	JPH4
NPD_Sets	FMRP-Darnell	29979	UBQLN1
NPD_Sets	FMRP-Darnell	8314	BAP1
NPD_Sets	FMRP-Darnell	55450	CAMK2N1
NPD_Sets	FMRP-Darnell	55209	SETD5
NPD_Sets	FMRP-Darnell	79595	SAP130
NPD_Sets	FMRP-Darnell	2932	GSK3B
NPD_Sets	FMRP-Darnell	23300	ATMIN
NPD_Sets	FMRP-Darnell	5187	PER1
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NPD_Sets	FMRP-Darnell	226	ALDOA
NPD_Sets	FMRP-Darnell	5909	RAP1GAP
NPD_Sets	FMRP-Darnell	55827	DCAF6
NPD_Sets	FMRP-Darnell	90134	KCNH7
NPD_Sets	FMRP-Darnell	1124	CHN2

NPD_Sets	FMRP-Darnell	8078	USP5
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NPD_Sets	FMRP-Darnell	23148	NACAD
NPD_Sets	FMRP-Darnell	421	ARVCF
NPD_Sets	FMRP-Darnell	10489	LRRC41
NPD_Sets	FMRP-Darnell	3737	KCNA2
NPD_Sets	FMRP-Darnell	56144	PCDHA4
NPD_Sets	FMRP-Darnell	55605	KIF21A
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NPD_Sets	FMRP-Darnell	57649	PHF12
NPD_Sets	FMRP-Darnell	5213	PFKM
NPD_Sets	FMRP-Darnell	5097	PCDH1
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NPD_Sets	FMRP-Darnell	5781	PTPN11
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NPD_Sets	miR-137	153	ADRB1
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NPD_Sets	miR-137	399947	C11orf87
NPD_Sets	miR-137	147339	C18orf25
NPD_Sets	miR-137	54149	C21orf91
NPD_Sets	miR-137	126567	C2CD4C
NPD_Sets	miR-137	766	CA7
NPD_Sets	miR-137	775	CACNA1C
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NPD_Sets	mGluR5	22895	RPH3A

SI Table 3. Cell line description and available clinical information for all experiments.

Pilot	Phase 1 Plate Number	Phase 2 Plate Number	RNAseq (loxapine or methylparaben)	Cell Type	Cohort	Source	Patient ID	Somatic Cell	Reprogramming Method	NPC Differentiation	NPC Line ID for L1000	NPC Passage	L1000 Phase	NPC Line IDs for loxapine RNAseq	NPC Line IDs for methylparaben RNAseq	Sex	Dx	Ethnicity	Age of Onset	IQ	Developmental History	Clozapine Response	Family History	SZ-related CNV Burden
na	1	1	na	hIPSC NPC	SZ1	ATCC	CNTL-2522	fibroblast	tet-inducible lentivirus	EB	BJ-2-E (1), BJ-2-A (2)	p7-p10	1 & 2	na	na	M	Control	Causasian	n/a	unknown	unknown	unknown	unknown	-
na	3	1	na	hIPSC NPC	SZ1	Coriell	GM03440	fibroblast	tet-inducible lentivirus	EB	3440-5-A	p7-p10	1 & 2	na	na	M	Control	Causasian	n/a	unknown	unknown	unknown	unknown	-
1	2	1	na	hIPSC NPC	SZ1	Coriell	GM03651	fibroblast	tet-inducible lentivirus	EB	3651-A-A	p7-p10	1 & 2	na	na	F	Control	Causasian	n/a	unknown	unknown	unknown	unknown	-
na	4	2	na	hIPSC NPC	SZ1	Coriell	GM04506	fibroblast	tet-inducible lentivirus	EB	4506-8-A	p7-p10	1 & 2	na	na	F	Control	Causasian	n/a	unknown	unknown	unknown	unknown	-
na	4	na	na	hIPSC NPC	SZ1	Coriell	AG09319	fibroblast	tet-inducible lentivirus	EB	9319-2-A	p7-p10	1	na	na	F	Control	Causasian	n/a	unknown	unknown	unknown	unknown	-
na	2	3	L	hIPSC NPC	SZ2	NIMH	NSB2607	fibroblast	sendai virus	EB + dual-SMAD	2607-3-1	p5	1 & 2	2607-3-1, 2607-4-1	na	M	Control	Causasian	n/a	126	clean	n/a	-	-
na	3	4	L,M	hIPSC NPC	SZ2	NIMH	NSB3084	fibroblast	sendai virus	EB + dual-SMAD	3084-2-2	p7	1 & 2	3084-2-2, 3084-1-1	3084-1-1	M	Control	Black, non-Hispanic	n/a	87	clean	n/a	-	-
na	1	2	na	hIPSC NPC	SZ2	NIMH	NSB3113	fibroblast	sendai virus	EB + dual-SMAD	3113-6-3	p5	1 & 2	na	na	F	Control	Causasian	n/a	123	clean	n/a	-	-
na	1	4	M	hIPSC NPC	SZ2	NIMH	NSB3121	fibroblast	sendai virus	EB + dual-SMAD	3121-2-1	p5	1 & 2	na	3121-2-1, 3121-2-2	F	Control	Causasian	n/a	134	clean	n/a	-	-
na	na	3	M	hIPSC NPC	SZ2	NIMH	NSB3182	fibroblast	sendai virus	EB + dual-SMAD	3182-2-4	p5	2	na	3182-2-4, 3182-3-1	F	Control	Causasian	n/a	119	clean	n/a	-	-
na	4	4	na	hIPSC NPC	SZ2	NIMH	NSB3234	fibroblast	sendai virus	EB + dual-SMAD	3234-2-4	p5	1 & 2	na	na	M	Control	Indian	n/a	94	clean	n/a	-	-
na	4	3	L	hIPSC NPC	SZ2	NIMH	NSB553	fibroblast	sendai virus	EB + dual-SMAD	553-3-1	p5	1 & 2	553-3-1, 553-S1-C	na	M	Control	Causasian	n/a	127	clean	n/a	-	-
na	2	2	na	hIPSC NPC	SZ2	NIMH	NSB690	fibroblast	sendai virus	EB + dual-SMAD	690-2-1	p5	1 & 2	na	na	M	Control	Causasian	n/a	115	clean	n/a	-	-
na	3	1	na	hIPSC NPC	SZ1	Coriell	GM02038	fibroblast	tet-inducible lentivirus	EB	2038-1-A	p7-p10	1 & 2	na	na	M	Schizophrenia	Causasian	6	unknown	unknown	unknown	unknown	-
na	3	1	na	hIPSC NPC	SZ1	Coriell	GM01792	fibroblast	tet-inducible lentivirus	EB	1792-1-E	p7-p10	1 & 2	na	na	M	Schizophrenia	Causasian Jewish /Scandanavian	unknown	unknown	unknown	unknown	SZ, SA, ASD	-
1	2	1	na	hIPSC NPC	SZ1	Coriell	GM01835	fibroblast	tet-inducible lentivirus	EB	1835-1-3 (P, 2), 1835-1-5 (1)	p7-p10	1 & 2	na	na	F	Schizo-affective	Causasian Jewish	unknown	unknown	unknown	unknown	SZ, ASD	-
na	4	2	na	hIPSC NPC	SZ1	Coriell	GM02497	fibroblast	tet-inducible lentivirus	EB	2497-1-C	p7-p10	1 & 2	na	na	M	Schizophrenia	Causasian Jewish	15	unknown	unknown	unknown	SZ, SPD	-
na	1	na	na	hIPSC NPC	SZ2	NIMH	NSB1275	fibroblast	sendai virus	EB + dual-SMAD	1275-B-3	p5	1	na	na	F	COS	Causasian	10	67	MDD	NA	SPD	22q11.2
na	1	3	M	hIPSC NPC	SZ2	NIMH	NSB2011	fibroblast	sendai virus	EB + dual-SMAD	2011-3-12	p5	1 & 2	na	2011-3-12, 2011-4-4	F	COS	Causasian	8	69	MDD	Y	SPD; PPD	16p11.2
na	2	4	L	hIPSC NPC	SZ2	NIMH	NSB2476	fibroblast	sendai virus	EB + dual-SMAD	2476-D1-2	p7	1 & 2	2476-D1-2, 2476-D4-4	na	F	COS	Causasian-Hispanic	8	82			APD	-
na	3	4	L	hIPSC NPC	SZ2	NIMH	NSB2513	fibroblast	sendai virus	EB + dual-SMAD	2513-2-4	p5	1 & 2	2513-2-4, 2513-1-1	na	M	COS	Causasian	4	55	ASD	N	BD	-
na	na	2	M	hIPSC NPC	SZ2	NIMH	NSB2962	fibroblast	sendai virus	EB + dual-SMAD	2962-2-1	p5	2	na	2962-2-1, 2962-1-3	M	COS	Causasian-Hispanic	8	78	clean	Y	SZ/ASD	3p25.3
na	4	3	na	hIPSC NPC	SZ2	NIMH	NSB499	fibroblast	sendai virus	EB + dual-SMAD	499-2-12	p5	1 & 2	na	na	M	COS	Causasian	12	84	clean	Y	SZ/ASD	2p25.3
na	3	4	na	hIPSC NPC	SZ2	NIMH	NSB581	fibroblast	sendai virus	EB + dual-SMAD	581-2-1	p5	1 & 2	na	na	M	COS	Causasian	7	74	MDD	N	SA	2p16.3 del
na	2	2	L,M	hIPSC NPC	SZ2	NIMH	NSB676	fibroblast	sendai virus	EB + dual-SMAD	676-2-3	p5	1 & 2	676-1-2	676-2-3, 676-1-2	F	COS	Causasian	10	79	MDD	N	PPD	16p11.2
na	1	3	M	hIPSC NPC	SZ2	NIMH	NSB2484	fibroblast	sendai virus	EB + dual-SMAD	2484-2-A	p6	1 & 2	na	na	F	COS	Causasian	10	98	MDD	N	PPD	-
1	1	1	na	CCL	SH-SY5Y	ATCC	CRL-2266	na	na	na	na	na	1 & 2	na	na	F	neuroblastoma, bone marrow	unknown	unknown	unknown	unknown	unknown	unknown	unknown
na	1	1	na	CCL	MCF7	ATCC	HTB-22	na	na	na	na	na	1 & 2	na	na	F	adenocarcinoma, metastic mammary glad	Caucasian	unknown	unknown	unknown	unknown	unknown	unknown
na	2	2	na	CCL	A673	ATCC	CRL-1598	na	na	na	na	na	1 & 2	na	na	F	Ewing's sarcoma, muscle	unknown	unknown	unknown	unknown	unknown	unknown	unknown
na	2	2	na	CCL	AGS	ATCC	CRL-1739	na	na	na	na	na	1 & 2	na	na	F	gastric adenocarcinoma, stomach	Caucasian	unknown	unknown	unknown	unknown	unknown	unknown
1	3	4	na	CCL	AS49	ATCC	CCL-185	na	na	na	na	na	1 & 2	na	na	M	carcinoma, lung	Caucasian	unknown	unknown	unknown	unknown	unknown	unknown
na	3	4	na	CCL	HepG2	ATCC	HB-8065	na	na	na	na	na	1 & 2	na	na	M	hepatocellular carcinoma, liver	Caucasian	unknown	unknown	unknown	unknown	unknown	unknown
na	4	3	na	CCL	VCaP	ATCC	CRL-2876	na	na	na	na	na	1 & 2	na	na	M	cancer, prostate	Caucasian	unknown	unknown	unknown	unknown	unknown	unknown
na	4	3	na	CCL	HT29	ATCC	HTB-38	na	na	na	na	na	1 & 2	na	na	F	colorectal adenocarcinoma, colon	Caucasian	unknown	unknown	unknown	unknown	unknown	unknown

Abbreviations: tetracycline (tet), embryoid body (EB), childhood-onset schizophrenia (COS), miscellaneous developmental delay (MDD), autism spectrum disorder (ASD), apparently neurotypical (clean), schizoid personality disorder (SPD), paranoid personality disorder (PPD), bipolar disorder (BD), antisocial personality disorder (APD)

SI Table 4. Drug concentrations used in L1000 screening experiments.

Pilot

Pilot	Concentration (µM)	Time (h)
Amisulpride (D2R antagonist)	0.01, 0.1	6, 18
BAY K8644 (Ca(V)1 agonist)	1, 30	6, 18
LY341495 (mGluR2/3 antagonist)	0.01, 0.1	6, 18
LY3792628 (mGluR2/3 agonist)	0.01, 0.1	6, 18
MDL 100907 (5HT2A antagonist)	0.5, 0.05	6, 18
MK801 (NMDAR antagonist)	10, 100	6, 18
NMDA (NMDAR agonist)	10, 100	6, 18
Nimodipine (Ca(V)1 antagonist)	1, 10	6, 18
Quinpirole (D2R agonist)	0.01, 0.1	6, 18
TCB-2 (5HT2A agonist)	0.01, 0.1	6, 18

Batch 1

Batch 1	Concentration (µM)	Time (h)
3-Acetamidocoumarin	10.00	6
4-Hydroxyphenazone	10.00	6
Alpha-Ergocryptine	7.00	6
Amoxapine	0.10	6
Anisomycin	10.00	6
Arachidonyltrifluoromethane	10.00	6
Arcaine	10.00	6
Aripiprazole	1.00	6
Bas-012416453	10.00	6
Bay K8644	1.00	6
Bergenin	1.00	6
Bucladesine	10.00	6
Budesonide	9.20	6
Bumetanide	10.00	6
Carbimazole	10.00	6
Celastrol	2.50	6
Cephaeline	6.00	6
Chenodeoxycholic Acid	10.00	6
Chlorcyclizine	1.00	6
Chlorpromazine	0.10	6
Diclofenamide	10.00	6
Diflorasone	8.00	6
Dihydroergocristine	1.00	6
Diltiazem	3.00	6
Diphemanil Metilsulfate	10.00	6
Dl-Thiorphan	1.00	6
Emetine	7.20	6
Ethionamide	10.00	6
Fendiline	10.00	6
Flecainide	8.40	6
Furosemide	10.00	6
Haloperidol	0.10	6
Hydroquinine	1.00	6
Isoniazid	10.00	6
Lansoprazole	10.00	6
Levothyroxine Sodium	1.00	6
Liothyronine	3.20	6
Loxapine	1.00	6
Ly379268	0.10	6
Lycorine	10.00	6
Mdl100907	0.50	6
Mebendazole	10.00	6
Melatonin	1.00	6
Methylbenzethonium Chloride	8.60	6
Moxonidine	1.00	6
Myeloperoxidase Inhibitor-I	1.10	6
Nadolol	10.00	6
Naringenin	10.00	6
Nefopam	1.38	6
Niclosamide	10.00	6
Niflumic Acid	10.00	6
Nimodipine	1.00	6
Nordihydroguaiaretic Acid	1.00	6
Phenazone	1.00	6
Phenelzine	10.00	6
Phenyl Biguanide	10.00	6
Pizotifen	1.00	6
Pk11195	1.00	6
Prenylamine	9.60	6
Prestwick-675	10.00	6
Primidone	10.00	6
Quetiapine	10.00	6
Quinpirole	0.10	6
Repaglinide	8.80	6
Ronidazole	1.00	6
Salsolidin	1.00	6
Sotalol	10.00	6
Spiradoline	0.10	6
Sulconazole	8.60	6
Suloctidil	10.00	6
Tanespimycin	1.00	6
Tcb-2 10 Mm	0.10	6
Trazodone	1.00	6
Trichostatin A	0.10	6
Trimethadione	10.00	6
Trimethobenzamide	1.00	6
Tyloxapol	4.00	6
Vigabatrin	10.00	6
Vorinostat	1.00	6
Zardaverine	10.00	6
Ziprasidone	0.10	6

Batch 2

Batch 2	Concentration (µM)	Time (h)
3-Acetamidocoumarin	0.01	6
Androsterone	0.03	6
Anisomycin (A 00010) 3-Acetoxy-2-(4-Methoxybenzyl)-4-Pyrrolidinol	0.10	6
Aripiprazole	0.03	6
Bay K8644 100 Mm	1.34	6
Benzyloxycarbonyl-L-Glycyl-L-Phenylalanyl-L-Phenylalanyl-L-Tyrosinebenzyl Ester	1.00	6
Bms-250904	0.30	6
Bosutinib	0.01	6
Buflomedil Hydrochloride	1.00	6
Bupropion Hydrochloride	0.30	6
Celastrol	10.00	6
Cetocycline' 'A-13428'	0.30	6
Chenodeoxycholic Acid	10.00	6
Chlorpromazine Hydrochloride	0.03	6
Clozapine	0.10	6
Cm Za 0576	1.00	6
Conessine	0.30	6
Corticosterone	0.01	6
Dihydrostilbestrol	0.00	6
Diltiazem Hydrochloride	0.30	6
Diphenylaminotriazine	3.00	6
Dl-Thiorphan	0.30	6
Dorzolamide Hydrochloride	0.10	6
Eplerenone	3.00	6
Equilenin	0.03	6
Estriol	0.03	6
Estrone	0.03	6
Ethoxzolamide	0.00	6
Etifenin	1.00	6
Gabazine	1.00	6
Glaxo:Gr247538	1.00	6
Glipizide	0.00	6
Gt-2394 Rac	10.00	6
Harmine Hydrochloride	0.30	6
Iloperidone	0.01	6
Iofetamine Hydrochloride	10.00	6
Kanpaullone	0.10	6
Lamivudine	3.00	6
Ly379268	0.13	6
Lycorine	3.00	6
Mafenide Hydrochloride	0.00	6
Mdl 29951	3.00	6
Mdl100907	0.67	6
Mebendazole	0.30	6
Memantine Hydrochloride	0.01	6
Methylparaben	10.00	6
Moclobemide	10.00	6
N6-Cyclopentyladenosine	1.00	6
Naloxone Hydrochloride	0.00	6
Naltrexone Hydrochloride	0.00	6
Nefopam	0.30	6
Niclosamide	0.03	6
Nimodipine	1.34	6
Nogestrel	0.01	6
Norethindrone	0.01	6
Norfloxacin	10.00	6
Perceptin	0.30	6
Phenelzine Sulfate	0.00	6
Podophyllotoxin	0.01	6
Potassium Estrone Sulfate	0.03	6
Quetiapine	0.30	6
Quinpirole	0.13	6
Quipazine, N-Methyl-, Dimaleate	0.03	6
Risperidone	0.03	6
Salsolidin	10.00	6
Sb 43152	1.00	6
Sb-242235	0.30	6
Sorafenib	0.03	6
Spironolactone	0.10	6
Suloctidil	1.00	6
Tanespimycin	1.34	6
Tcb-2	0.13	6
Tiagabine	1.00	6
Tranylcypromine Hydrochloride	3.00	6
Trichostatin A	0.13	6
Unc0638	0.10	6
Urapidil, 5-Methyl-	0.10	6
Vandetanib	0.30	6
Vatalanib	1.00	6
Wb-4101 Hydrochloride	0.00	6
Ziprasidone	0.03	6