

SPARK

Igniting autism research
Improving lives



Gene List April 2017

www.SPARKforAutism.org

The SPARK gene list

updated April 2017

Copy number variants (CNVs) are in yellow. Single genes are in white.

There are 11 CNVs and 78 single genes, which are selected by a medical genetics committee that meets bi-annually to review candidate autism genes and make updates to the **SPARK** gene list.

1q21.1	DDX3X	PTCHD1
2p16.3	DHCR7	PTEN
3q29	DMPK	RAI1
7q11.23	DSCAM	RIMS1
15q11.2-q13.1	DYRK1A	SCN1A
15q13.3	EHMT1	SCN2A
16p11.2	EP300	SETBP1
17p11.2	FMR1	SETD2
17q12	FOXP1	SETD5
22q11.2	GIGYF2	SHANK2
22q13.3	GRIN2B	SHANK3
ADNP	IQSEC2	SLC6A1
ADSL	KIAA2022	SLC9A6 (NHE6)
AHDC1	MBD5	SON
ALDH5A1	MBOAT7	STXBP1
ANK2	MECP2	SUV420H1
ANKRD11	MED13L	SYNGAP1
ARID1B	MYT1L	TBCK
ARX	NCKAP1	TRIO
ASH1L	NF1	TRIP12
ASXL3	NIPBL	TSC1/2
AUTS2	NLGN2	TSHZ3
BCKDK	NLGN3	UBE3A
BCL11A	NRXN1	UPF3B
CACNA1C	NRXN2	VPS13B
CDKL5	NRXN3	WAC
CHD2	NSD1	ZBTB20
CHD7	PACS1	
CHD8	POGZ	
CREBBP	POMGNT1	

Questions?

Please email
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