

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Autism Speaks	MSSNG	\$1,797,515	3.1	Autism Speaks
Simons Foundation	SPARK at Baylor College of Medicine	\$150,000	3.1	Baylor College of Medicine
Simons Foundation	In Vivo Functional Analysis of Autism Candidate Genes	\$246,532	3.1	Baylor College of Medicine
Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	Baylor College of Medicine
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$11,192	3.1	Baylor College of Medicine
Simons Foundation	Baylor College of Medicine (TRADE)	\$1,183,000	3.1	Baylor College of Medicine
Simons Foundation	Spatio-Temporal Gene Discovery for Autism Spectrum Disorder	\$70,000	3.1	Bilkent University
Simons Foundation	Boston Children's Hospital Clinical Site for the National Autism Cohort	\$150,000	3.1	Boston Children's Hospital
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$0	3.1	Boston Children's Hospital
National Institutes of Health	Autism genetics: homozygosity mapping and functional validation	\$765,736	3.1	Boston Children's Hospital
Simons Foundation	Role of the 16p11.2 CNV in autism: genetic, cognitive and synaptic/circuit analyses	\$0	3.1	Broad Institute, Inc.
National Institutes of Health	3/3-Identifying regulatory mutations that influence neuropsychiatric disease	\$1,069,348	3.1	Broad Institute, Inc.
Simons Foundation	Pieces of the Puzzle: Uncovering the Genetics of Autism	\$3,865,408	3.1	Broad Institute, Inc.
Simons Foundation	Use of High-throughput Splicing Assays to Prioritize Autism Gene Candidates	\$127,500	3.1	Brown University
Simons Foundation	Analysis of autism-associated alleles in <i>C. elegans</i>	\$230,986	3.1	California Institute of Technology
National Institutes of Health	2/3 Multidimensional investigation of the etiology of autism spectrum disorder	\$197,262	3.1	Carnegie Mellon University
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2	\$15,518	3.1	Carnegie Mellon University
Center for Autism and Related Disorders	An exploration of genetic and behavioral variables in Autism Spectrum Disorder	\$150,000	3.1	Center for Autism and Related Disorders (CARD)
Autism Speaks	Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes	\$0	3.1	Children's Hospital Los Angeles
Simons Foundation	Characterizing 22q11.2 abnormalities	\$0	3.1	Children's Hospital of Philadelphia
Simons Foundation	CHOP National Autism Cohort Study	\$150,000	3.1	Children's Hospital of Philadelphia
National Institutes of Health	Structural and Functional Characteristics of XYY - Relationship to ASD	\$192,758	3.1	Children's Hospital of Philadelphia
National Institutes of Health	The Future of Genomics Medicine in Patient Care: Contributions from CHOP	\$906,296	3.1	Children's Hospital of Philadelphia
National Institutes of Health	The Future of Genomics Medicine in Patient Care: Contributions from CHOP	\$411,494	3.1	Children's Hospital of Philadelphia

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Simons Foundation	Cincinnati Children's- Simons SFARI Autism Cohort Submission	\$149,995	3.1	Cincinnati Children's Hospital Medical Center
Simons Foundation	16p11.2: Defining the gene(s) responsible (grant 1)	\$106,050	3.1	Cold Spring Harbor Laboratory
Simons Foundation	Genetic basis of autism	\$4,000,000	3.1	Cold Spring Harbor Laboratory
Simons Foundation	Elucidating pathogenic mutations disrupting RNA regulation in autism	\$225,000	3.1	Columbia University
Simons Foundation	Extending ASD risk locus discovery to the non-coding genome - Project 1	\$59,997	3.1	Columbia University
Simons Foundation	Identification and analysis of functional networks perturbed in autism	\$250,000	3.1	Columbia University
National Institutes of Health	Integrative methods for the identification of causal variants in mental disorder	\$408,427	3.1	Columbia University
Simons Foundation	Simons Variation in Individuals Project (VIP) Principal Investigator	\$0	3.1	Columbia University
National Institutes of Health	Applications of novel statistical methods to CNVs in autism and schizophrenia	\$200,000	3.1	Columbia University
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants Core	\$194,371	3.1	Cornell University
Simons Foundation	DNA Genotek Inc.	\$930,480	3.1	DNA Genotek Inc.
National Institutes of Health	Functional Dissection of CNVs in Neurodevelopmental Traits	\$397,500	3.1	Duke University
Simons Foundation	SFARI National Autism Cohort - Emory Autism Center	\$149,831	3.1	Emory University
Simons Foundation	Simons Simplex Collection support grant	\$5,787	3.1	Emory University
National Institutes of Health	Gene Dosage Imbalance in Neurodevelopmental Disorders	\$785,179	3.1	Geisinger Clinic
National Institutes of Health	Dimensional analysis of developmental brain disorders using an online, genome-first approach	\$574,758	3.1	Geisinger Clinic
Simons Foundation	Human Gene Editing and In Situ Sequencing of Neuronal Microcircuit Arrays	\$250,000	3.1	Harvard Medical School
Simons Foundation	Discovery of regulatory variants underlying pediatric neurological disease	\$220,880	3.1	HudsonAlpha Institute for Biotechnology
Autism Science Foundation	Recruiting families for the Autism Sisters Project and expanding understanding of the female protective effect	\$92,742	3.CC	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Integrative genomics to map risk genes and pathways in autism and epilepsy	\$846,224	3.1	Icahn School of Medicine At Mount Sinai
Simons Foundation	Integrating large scale whole exome data with whole genome data	\$250,000	3.1	Icahn School of Medicine at Mount Sinai

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National Institutes of Health	3/3 Building integrative CNS networks for genomic analysis of autism	\$262,443	3.1	Johns Hopkins University
Simons Foundation	Mapping 3D genomic architecture in human developing neurons to assess the contribution of noncoding risk variants for autism	\$75,000	3.1	Johns Hopkins University
Brain & Behavior Research Foundation	Regulation of an Activity-dependent Transcription Factor by MeCP2	\$35,000	3.1	Johns Hopkins University School of Medicine
Simons Foundation	Clinical Site Network for the National Autism Cohort	\$149,999	3.1	Kennedy Krieger Institute
Simons Foundation	Characterizing the severely affected autism population	\$483,398	3.1	Maine Medical Center Research Institute
National Institutes of Health	2/3 Building Integrative CNS Networks for Genomic Analysis of Autism	\$293,080	3.1	Massachusetts General Hospital
National Institutes of Health	Complex Genetic Architecture of Chromosomal Aberrations in Autism	\$248,999	3.1	Massachusetts General Hospital
Simons Foundation	Cryptic Genetic Causes of Autism	\$266,719	3.1	Massachusetts General Hospital
Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	McGill University Health Centre- Montreal Children's Hospital
National Institutes of Health	Genetic Epidemiology of Complex Traits	\$634,582	3.1	National Institutes of Health
Simons Foundation	Clinical Site Network for the National Autism Cohort at NCH Ohio	\$150,000	3.1	Nationwide Children's Hospital
Simons Foundation	New York Genome Center, Inc.	\$9,824,025	3.1	New York Genome Center, Inc.
Simons Foundation	Investigating the role of somatic mutations in autism spectrum disorders	\$249,216	3.1	Oregon Health & Science University
Simons Foundation	Oregon SPARK: National Autism Cohort 50K	\$149,996	3.1	Oregon Health & Science University
Simons Foundation	PatientCrossroads, Inc.	\$96,812	3.1	PatientCrossroads, Inc.
Brain & Behavior Research Foundation	Identifying Patterns of Genetic Variants Conferring Risk for Neurodevelopmental Disorders	\$17,493	3.1	Pennsylvania State University
Simons Foundation	Dissecting phenotypic heterogeneity associated with 16p12.1 deletion	\$75,000	3.1	Pennsylvania State University
Simons Foundation	PreventionGenetics LLC	\$438,012	3.1	PreventionGenetics LLC
Simons Foundation	Regeneron Pharmaceuticals, Inc.	\$259,250	3.1	Regeneron Pharmaceuticals, Inc.
Simons Foundation	Platform for autism treatments from exome analysis	\$100,000	3.1	Rockefeller University
Simons Foundation	Rush-Chicagoland SPARK	\$150,000	3.1	Rush University Medical Center
Autism Speaks	Advanced Autism Genetics: Biological Subgroups, Diagnostic Classification, and Resilience.	\$30,000	3.1	State University of New York Upstate Medical Center

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Brain & Behavior Research Foundation	High-throughput Screening of Novel Trinucleotide Repeat Expansion in Autism Spectrum Disorders	\$15,000	3.1	The Hospital for Sick Children
Autism Speaks	Autism Spectrum Disorders: Genomes to Outcomes	\$133,500	3.1	The Hospital for Sick Children
Brain & Behavior Research Foundation	Identification of Genetic Mutations in Consanguineous Families with Autism Spectrum Disorders using Whole Exome Sequencing	\$0	3.1	The Hospital for Sick Children
Simons Foundation	A multi-platform approach to the functional assessment of ASD gene variants	\$120,000	3.1	University of British Columbia
Simons Foundation	Assessing the functional effects of enhancer mutations identified in the Simons Simplex Collection via mouse models	\$104,700	3.1	University of California, Davis
Simons Foundation	UC Davis MIND Institute Clinical Site for National Autism Cohort	\$150,000	3.1	University of California, Davis
Brain & Behavior Research Foundation	Investigating the Role of Cntnap2, an Autism Risk Gene, in Regulating the Oxytocin System	\$66,667	3.1	University of California, Los Angeles
National Institutes of Health	1/3 Building integrative CNS networks for genomic analysis of autism	\$363,879	3.1	University of California, Los Angeles
Simons Foundation	Dosage effects of 22q11 region on autism-relevant neural systems	\$0	3.1	University of California, Los Angeles
National Institutes of Health	Autism Genetics, Phase II: Increasing Representation of Human Diversity	\$2,498,781	3.1	University of California, Los Angeles
National Institutes of Health	Autism Genetics, Phase II: Increasing Representation of Human Diversity	\$154,793	3.1	University of California, Los Angeles
National Institutes of Health	Impact of Cumulative Genetic Risk on Brain Connectivity in ASD	\$37,371	3.1	University of California, Los Angeles
Simons Foundation	SFARI Clinical Site Network for the National Autism Cohort	\$149,212	3.1	University of California, Los Angeles
Simons Foundation	Simons Simplex Collection support grant	\$13,200	3.1	University of California, Los Angeles
National Institutes of Health	Gene-brain-environment interactions: Predicting social skill heterogeneity in ASD	\$56,118	3.1	University of California, Los Angeles
National Institutes of Health	2/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$645,570	3.1	University of California, Los Angeles
Autism Science Foundation	Uncovering the Spectrum of De Novo Mutation in Autism through Whole Genome Sequencing	\$0	3.1	University of California, San Diego
National Institutes of Health	Integrative functional genomic study of pathways impacted by recurrent autism CNV	\$586,005	3.1	University of California, San Diego
Simons Foundation	Establishing a San Diego and Southwest Regional Autism Cohort	\$150,000	3.1	University of California, San Diego

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Simons Foundation	Mutations in noncoding DNA and the missing heritability of autism	\$122,020	3.1	University of California, San Diego
Brain & Behavior Research Foundation	Whole Brain Microscopy to Quantify the Effect of ASD Associated Mutations on Brain Development	\$17,500	3.1	University of California, San Francisco
Simons Foundation	Spatiotemporal and cell type convergence to reveal ASD neurobiology	\$137,500	3.1	University of California, San Francisco
Simons Foundation	Extending ASD risk locus discovery to the non-coding genome - Core	\$130,003	3.1	University of California, San Francisco
Autism Science Foundation	The genetics of male sensitization and female protection in ASD	\$35,000	3.CC	University of California, San Francisco
National Institutes of Health	1/3 Multidimensional investigation of the etiology of autism spectrum disorder	\$226,069	3.1	University of California, San Francisco
Simons Foundation	Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias	\$62,500	3.CC	University of California, San Francisco
National Institutes of Health	Utilizing eQTL networks to gain biological insight into multigenic CNVs	\$410,263	3.1	University of California, San Francisco
Simons Foundation	Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	\$101,258	3.1	University of California, San Francisco
National Institutes of Health	3/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$323,614	3.1	University of California, San Francisco
Simons Foundation	Dosage effects of DUF1220 gene subtype CON1 in autism	\$62,500	3.1	University of Colorado Denver
Simons Foundation	Colorado Clinical Autism Network Site (C-CAN)	\$117,714	3.1	University of Colorado Denver
National Institutes of Health	Investigation of DUF1220 domains in human brain function and disease	\$392,338	3.1	University of Colorado Denver
Simons Foundation	Simons Simplex Collection support grant	\$8,513	3.1	University of Illinois at Chicago
Simons Foundation	16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders	\$0	3.1	University of Lausanne
Simons Foundation	Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$0	3.1	University of Louisville
Autism Research Institute	Determine risk genes enriched in intronic multispecies conserved sequences, and copy number variant breakpoints in autism overlap preferentially with short interspersed elements	\$0	3.1	University of Louisville
Simons Foundation	University of Miami Clinical Site Network for the National Autism Cohort	\$138,578	3.1	University of Miami
Simons Foundation	A somatic mechanism for ASD phenotypic heterogeneity	\$75,000	3.1	University of Michigan

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Simons Foundation	ASD research enhanced by Minnesota community, roots and diversity	\$150,000	3.1	University of Minnesota
Simons Foundation	Mississippi collaborative autism cohort study (M-CACS)	\$150,000	3.1	University of Mississippi Medical Center
Simons Foundation	Thompson Center Clinical Site Network Pilot for the National Autism Cohort	\$0	3.1	University of Missouri
Simons Foundation	Thompson Center Clinical Site for Simons National Autism Cohort	\$150,000	3.1	University of Missouri
Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	University of Missouri
Simons Foundation	University of North Carolina Clinical Site Network Pilot for the National Autism Cohort	\$0	3.1	University of North Carolina at Chapel Hill
Simons Foundation	Carolina SPARK: Carolina Site for the SFARI National Autism Cohort	\$149,999	3.1	University of North Carolina at Chapel Hill
Simons Foundation	Analyses of the SFARI genotype and phenotype data and their associations: In support of research at the Simons Foundation	\$63,547	3.1	University of Pennsylvania
National Institutes of Health	3/3-Sequencing Autism Spectrum Disorder Extended Pedigrees	\$160,000	3.1	University of Pennsylvania
Simons Foundation	Statistical methodology and analysis of the Simons Simplex Collection and related data	\$0	3.1	University of Pennsylvania
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1	\$12,449	3.1	University of Pittsburgh
Brain & Behavior Research Foundation	SINEUPs Technology to Rescue CHD8 Haploinsufficiency: Possible New Avenues of Therapeutical Intervention for Autism Spectrum Disorders (ASD)	\$35,000	3.1	University of Trento
Simons Foundation	Combining WGS from Utah high-risk pedigrees and SSC families	\$249,930	3.1	University of Utah
National Institutes of Health	1/3 - Sequencing Autism Spectrum Disorder Extended Pedigrees	\$298,000	3.1	University of Utah
Simons Foundation	Structural Variation and the Genetic Architecture of Autism	\$353,781	3.1	University of Washington
Simons Foundation	University of Washington Clinical Site Network Pilot for the National Autism Cohort	\$0	3.1	University of Washington
National Institutes of Health	The genetic basis underlying the phenotype heterogeneity of the 16p11.2 CNV	\$48,576	3.1	University of Washington
Simons Foundation	Clinical Site Network for the National Autism Cohort	\$150,000	3.1	University of Washington
Simons Foundation	Autism subtypes by gene characterization	\$325,145	3.1	University of Washington
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$71,386	3.1	University of Washington

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Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	University of Washington
National Institutes of Health	2/3 Sequencing Autism Spectrum Disorder Extended Pedigrees	\$231,750	3.1	University of Washington
National Institutes of Health	Phenotypic Characterization of Gene Disrupting Mutations in ASD	\$429,025	3.1	University of Washington
National Institutes of Health	Sporadic Mutations and Autism Spectrum Disorders	\$645,467	3.1	University of Washington
Autism Science Foundation	Origins of genetic causes for autism	\$35,000	3.CC	University of Washington
National Institutes of Health	Biological Determinants of Brain Variation in Autism	\$547,789	3.Core/Other	University of Wisconsin-Madison
Brain & Behavior Research Foundation	Dissecting the Neural Circuit Deficits in Autism Spectrum Disorders through CASPR4	\$0	3.1	University of Zurich; Brain Research Institute
Simons Foundation	SPARK Vanderbilt	\$150,000	3.1	Vanderbilt University Medical Center
Simons Foundation	Simons Simplex Collection support grant	\$8,701	3.1	Vanderbilt University Medical Center
Autism Science Foundation	Quantifying Offspring ASD Risk for Unaffected Sisters of Males with ASD	\$0	3.3	Washington University in St. Louis
Simons Foundation	CADB Clinical Site Network	\$149,816	3.1	Weill Cornell Medical College
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Weill Cornell Medical College
Simons Foundation	Western Institutional Review Board, Inc.	\$52,920	3.1	Western Institutional Review Board, Inc.
Simons Foundation	Somatic Mosaicism in autism spectrum disorders	\$137,494	3.1	Yale University
Simons Foundation	Extending ASD risk locus discovery to the non-coding genome - Project 2	\$60,000	3.1	Yale University
National Institutes of Health	3/3 Multidimensional investigation of the etiology of autism spectrum disorder	\$266,208	3.1	Yale University
National Institutes of Health	Integrating the genomics of Autism Spectrum Disorders(ASD) in consanguineous and "idiopathic" families	\$587,311	3.1	Yale University
Simons Foundation	Simons Simplex Collection support grant	\$9,825	3.1	Yale University
National Institutes of Health	1/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$667,204	3.1	Yale University

