

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Autism Science Foundation	Uncovering the Spectrum of De Novo Mutation in Autism through Whole Genome Sequencing	\$0	3.1	University of California, San Diego
Autism Science Foundation	Quantifying Offspring ASD Risk for Unaffected Sisters of Males with ASD	\$0	3.3	Washington University in St. Louis
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	Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes	\$0	3.1	Children's Hospital Los Angeles
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)
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
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
Brain & Behavior Research Foundation	Regulation of an Activity-dependent Transcription Factor by MeCP2	\$35,000	3.1	Johns Hopkins University School of Medicine
Brain & Behavior Research Foundation	Dissecting the Neural Circuit Deficits in Autism Spectrum Disorders through CASPR4	\$0	3.1	University of Zurich; Brain Research Institute
Autism Speaks	Autism Spectrum Disorders: Genomes to Outcomes	\$133,500	3.1	The Hospital for Sick Children
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
Autism Speaks	Advanced Autism Genetics: Biological Subgroups, Diagnostic Classification, and Resilience.	\$30,000	3.1	State University of New York Upstate Medical Center
Brain & Behavior Research Foundation	Identifying Patterns of Genetic Variants Conferring Risk for Neurodevelopmental Disorders	\$17,493	3.1	Pennsylvania State University
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	Investigating the role of somatic mutations in autism spectrum disorders	\$249,216	3.1	Oregon Health & Science University
Simons Foundation	Somatic Mosaicism in autism spectrum disorders	\$137,494	3.1	Yale University
Simons Foundation	Spatiotemporal and cell type convergence to reveal ASD neurobiology	\$137,500	3.1	University of California, San Francisco
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

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Simons Foundation	Elucidating pathogenic mutations disrupting RNA regulation in autism	\$225,000	3.1	Columbia University
National Institutes of Health	1/3 Building integrative CNS networks for genomic analysis of autism	\$363,879	3.1	University of California, Los Angeles
National Institutes of Health	3/3 Building integrative CNS networks for genomic analysis of autism	\$262,443	3.1	Johns Hopkins University
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	Structural Variation and the Genetic Architecture of Autism	\$353,781	3.1	University of Washington
Simons Foundation	Dosage effects of DUF1220 gene subtype CON1 in autism	\$62,500	3.1	University of Colorado Denver
Simons Foundation	Combining WGS from Utah high-risk pedigrees and SSC families	\$249,930	3.1	University of Utah
Simons Foundation	Extending ASD risk locus discovery to the non-coding genome - Project 2	\$60,000	3.1	Yale University
Simons Foundation	Extending ASD risk locus discovery to the non-coding genome - Project 1	\$59,997	3.1	Columbia University
Simons Foundation	Extending ASD risk locus discovery to the non-coding genome - Core	\$130,003	3.1	University of California, San Francisco
Simons Foundation	Thompson Center Clinical Site Network Pilot for the National Autism Cohort	\$0	3.1	University of Missouri
Simons Foundation	University of Washington Clinical Site Network Pilot for the National Autism Cohort	\$0	3.1	University of Washington
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	Characterizing 22q11.2 abnormalities	\$0	3.1	Children's Hospital of Philadelphia
Autism Science Foundation	The genetics of male sensitization and female protection in ASD	\$35,000	3.CC	University of California, San Francisco
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
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	1/3 Multidimensional investigation of the etiology of autism spectrum disorder	\$226,069	3.1	University of California, San Francisco
National Institutes of Health	2/3 Multidimensional investigation of the etiology of autism spectrum disorder	\$197,262	3.1	Carnegie Mellon University

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National Institutes of Health	3/3 Multidimensional investigation of the etiology of autism spectrum disorder	\$266,208	3.1	Yale University
Simons Foundation	Identification and analysis of functional networks perturbed in autism	\$250,000	3.1	Columbia University
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
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	Discovery of regulatory variants underlying pediatric neurological disease	\$220,880	3.1	HudsonAlpha Institute for Biotechnology
Simons Foundation	Dosage effects of 22q11 region on autism-relevant neural systems	\$0	3.1	University of California, Los Angeles
Simons Foundation	Spatio-Temporal Gene Discovery for Autism Spectrum Disorder	\$70,000	3.1	Bilkent University
Simons Foundation	Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias	\$62,500	3.CC	University of California, San Francisco
Simons Foundation	16p11.2: Defining the gene(s) responsible (grant 1)	\$106,050	3.1	Cold Spring Harbor Laboratory
National Institutes of Health	Biological Determinants of Brain Variation in Autism	\$547,789	3.Core/Other	University of Wisconsin-Madison
National Institutes of Health	1/3 - Sequencing Autism Spectrum Disorder Extended Pedigrees	\$298,000	3.1	University of Utah
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	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-Sequencing Autism Spectrum Disorder Extended Pedigrees	\$160,000	3.1	University of Pennsylvania
Simons Foundation	SFARI Clinical Site Network for the National Autism Cohort	\$149,212	3.1	University of California, Los Angeles
National Institutes of Health	Gene Dosage Imbalance in Neurodevelopmental Disorders	\$785,179	3.1	Geisinger Clinic
Simons Foundation	16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders	\$0	3.1	University of Lausanne
National Institutes of Health	Integrative methods for the identification of causal variants in mental disorder	\$408,427	3.1	Columbia University
Simons Foundation	Dissecting phenotypic heterogeneity associated with 16p12.1 deletion	\$75,000	3.1	Pennsylvania State University

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Simons Foundation	A somatic mechanism for ASD phenotypic heterogeneity	\$75,000	3.1	University of Michigan
National Institutes of Health	Utilizing eQTL networks to gain biological insight into multigenic CNVs	\$410,263	3.1	University of California, San Francisco
National Institutes of Health	3/3-Identifying regulatory mutations that influence neuropsychiatric disease	\$1,069,348	3.1	Broad Institute, Inc.
Simons Foundation	Cryptic Genetic Causes of Autism	\$266,719	3.1	Massachusetts General Hospital
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	Oregon SPARK: National Autism Cohort 50K	\$149,996	3.1	Oregon Health & Science University
Simons Foundation	Clinical Site Network for the National Autism Cohort	\$150,000	3.1	University of Washington
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
Simons Foundation	Boston Children's Hospital Clinical Site for the National Autism Cohort	\$150,000	3.1	Boston Children's Hospital
Simons Foundation	ASD research enhanced by Minnesota community, roots and diversity	\$150,000	3.1	University of Minnesota
Simons Foundation	Cincinnati Children's- Simons SFARI Autism Cohort Submission	\$149,995	3.1	Cincinnati Children's Hospital Medical Center
Simons Foundation	CADB Clinical Site Network	\$149,816	3.1	Weill Cornell Medical College
Simons Foundation	SPARK at Baylor College of Medicine	\$150,000	3.1	Baylor College of Medicine
Simons Foundation	Mississippi collaborative autism cohort study (M-CACS)	\$150,000	3.1	University of Mississippi Medical Center
Simons Foundation	CHOP National Autism Cohort Study	\$150,000	3.1	Children's Hospital of Philadelphia
Simons Foundation	Rush-Chicagoland SPARK	\$150,000	3.1	Rush University Medical Center
Simons Foundation	SPARK Vanderbilt	\$150,000	3.1	Vanderbilt University Medical Center
Simons Foundation	Establishing a San Diego and Southwest Regional Autism Cohort	\$150,000	3.1	University of California, San Diego
Simons Foundation	University of Miami Clinical Site Network for the National Autism Cohort	\$138,578	3.1	University of Miami
Simons Foundation	Thompson Center Clinical Site for Simons National Autism Cohort	\$150,000	3.1	University of Missouri
Simons Foundation	UC Davis MIND Institute Clinical Site for National Autism Cohort	\$150,000	3.1	University of California, Davis
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	Clinical Site Network for the National Autism Cohort	\$149,999	3.1	Kennedy Krieger Institute

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Simons Foundation	SFARI National Autism Cohort - Emory Autism Center	\$149,831	3.1	Emory University
Simons Foundation	Clinical Site Network for the National Autism Cohort at NCH Ohio	\$150,000	3.1	Nationwide Children's Hospital
Simons Foundation	Colorado Clinical Autism Network Site (C-CAN)	\$117,714	3.1	University of Colorado Denver
Simons Foundation	Genetic basis of autism	\$4,000,000	3.1	Cold Spring Harbor Laboratory
Simons Foundation	Simons Simplex Collection support grant	\$9,825	3.1	Yale University
Simons Foundation	Use of High-throughput Splicing Assays to Prioritize Autism Gene Candidates	\$127,500	3.1	Brown University
Simons Foundation	Autism subtypes by gene characterization	\$325,145	3.1	University of Washington
Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	University of Missouri
Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	McGill University Health Centre- Montreal Children's Hospital
Simons Foundation	Human Gene Editing and In Situ Sequencing of Neuronal Microcircuit Arrays	\$250,000	3.1	Harvard Medical School
Simons Foundation	In Vivo Functional Analysis of Autism Candidate Genes	\$246,532	3.1	Baylor College of Medicine
Simons Foundation	A multi-platform approach to the functional assessment of ASD gene variants	\$120,000	3.1	University of British Columbia
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1	\$12,449	3.1	University of Pittsburgh
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2	\$15,518	3.1	Carnegie Mellon University
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants Core	\$194,371	3.1	Cornell University
Simons Foundation	Analysis of autism-associated alleles in C. elegans	\$230,986	3.1	California Institute of Technology
Simons Foundation	Simons Simplex Collection support grant	\$13,200	3.1	University of California, Los Angeles
Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	Baylor College of Medicine
National Institutes of Health	Gene-brain-environment interactions: Predicting social skill heterogeneity in ASD	\$56,118	3.1	University of California, Los Angeles
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$11,192	3.1	Baylor College of Medicine
Simons Foundation	Pieces of the Puzzle: Uncovering the Genetics of Autism	\$3,865,408	3.1	Broad Institute, Inc.
Simons Foundation	Simons Simplex Collection support grant	\$5,787	3.1	Emory University
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$71,386	3.1	University of Washington

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Simons Foundation	Simons Variation in Individuals Project (VIP) Principal Investigator	\$0	3.1	Columbia University
Simons Foundation	Simons Simplex Collection support grant	\$10,000	3.1	University of Washington
National Institutes of Health	Functional Dissection of CNVs in Neurodevelopmental Traits	\$397,500	3.1	Duke University
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$0	3.1	Boston Children's Hospital
Simons Foundation	Children with 7q11.23 duplication syndrome: shared characteristics with autism	\$0	3.1	University of Louisville
Simons Foundation	Mutations in noncoding DNA and the missing heritability of autism	\$122,020	3.1	University of California, San Diego
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
Autism Speaks	MSSNG	\$1,797,515	3.1	Autism Speaks
Simons Foundation	Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	\$101,258	3.1	University of California, San Francisco
Simons Foundation	Characterizing the severely affected autism population	\$483,398	3.1	Maine Medical Center Research Institute
National Institutes of Health	Dimensional analysis of developmental brain disorders using an online, genome-first approach	\$574,758	3.1	Geisinger Clinic
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	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
Simons Foundation	New York Genome Center, Inc.	\$9,824,025	3.1	New York Genome Center, Inc.
Simons Foundation	Baylor College of Medicine (TRADE)	\$1,183,000	3.1	Baylor College of Medicine
Simons Foundation	DNA Genotek Inc.	\$930,480	3.1	DNA Genotek Inc.
Simons Foundation	PatientCrossroads, Inc.	\$96,812	3.1	PatientCrossroads, Inc.
Simons Foundation	PreventionGenetics LLC	\$438,012	3.1	PreventionGenetics LLC
Simons Foundation	Regeneron Pharmaceuticals, Inc.	\$259,250	3.1	Regeneron Pharmaceuticals, Inc.
Simons Foundation	Western Institutional Review Board, Inc.	\$52,920	3.1	Western Institutional Review Board, Inc.

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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
National Institutes of Health	Investigation of DUF1220 domains in human brain function and disease	\$392,338	3.1	University of Colorado Denver
Simons Foundation	Statistical methodology and analysis of the Simons Simplex Collection and related data	\$0	3.1	University of Pennsylvania
Autism Science Foundation	Origins of genetic causes for autism	\$35,000	3.CC	University of Washington
Simons Foundation	Simons Simplex Collection support grant	\$8,513	3.1	University of Illinois at Chicago
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Weill Cornell Medical College
National Institutes of Health	3/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$323,614	3.1	University of California, San Francisco
National Institutes of Health	1/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$667,204	3.1	Yale University
National Institutes of Health	2/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$645,570	3.1	University of California, Los Angeles
Simons Foundation	Integrating large scale whole exome data with whole genome data	\$250,000	3.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Autism genetics: homozygosity mapping and functional validation	\$765,736	3.1	Boston Children's Hospital
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
Simons Foundation	Simons Simplex Collection support grant	\$8,701	3.1	Vanderbilt University Medical Center
National Institutes of Health	Applications of novel statistical methods to CNVs in autism and schizophrenia	\$200,000	3.1	Columbia University
National Institutes of Health	Genetic Epidemiology of Complex Traits	\$634,582	3.1	National Institutes of Health
Simons Foundation	Platform for autism treatments from exome analysis	\$100,000	3.1	Rockefeller University

