# Resource Summary Report

Generated by NIF on Aug 27, 2026

## SynGO

RRID:SCR_017330
Type: Tool

### Proper Citation

SynGO (RRID:SCR_017330)

### Resource Information

**URL:** https://syngoportal.org/

**Proper Citation:** SynGO (RRID:SCR_017330)

**Description:** Evidence based, expert curated knowledge base for synapse. Universal reference for synapse research and online analysis platform for interpretation of omics data. Interactive knowledge base that accumulates available research about synapse biology using Gene Ontology annotations to novel ontology terms.

**Synonyms:** Synaptic Gene Ontologies

**Resource Type:** analysis service resource, controlled vocabulary, data analysis service, data or information resource, ontology, production service resource, service resource

**Defining Citation:** PMID:31171447

**Keywords:** Synapse, evidence, curated, base, reference, analysis, omics, data, ontology, gene, annotation

**Funding:** CERCA Program/Generalitat de Catalunya ;
European Union ;
German Federal Ministry of Education and Research ;
NINDS NS36251;
Stanley Center for Psychiatric Research at The Broad Institute of MIT and Harvard

**Availability:** Free, Freely available

**Resource Name:** SynGO

**Resource ID:** SCR_017330

**Record Creation Time:** 20220129T080334+0000

**Record Last Update:** 20260821T194110+0000

## Ratings and Alerts

No rating or validation information has been found for SynGO.

No alerts have been found for SynGO.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 187 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .


Demontis D, et al. (2026) Rare genetic variants confer a high risk of ADHD and implicate neuronal biology. Nature, 649(8098), 909.

Arcego DM, et al. (2026) Sex-specific interaction effects of Syntaxin 1A coexpression network and childhood trauma on adult depressive symptoms. EBioMedicine, 123, 106062.

González-Peñas J, et al. (2026) Sulcal Widening in Schizophrenia Maps onto Sulcal Hubs and Energy-Synaptic Genes. bioRxiv : the preprint server for biology.

Barker LF, et al. (2026) Effects of 6-months of SSRI use on DNA-methylation and gene expression in blood. Brain, behavior, and immunity, 135, 106520.

Zhuang H, et al. (2026) Knockdown of Ddx3x in mPFC induces autistic-like phenotype in mice via altered synaptic plasticity. Translational psychiatry, 16(1).

Chopra A, et al. (2026) The epitranscriptomic m6A RNA modification modulates the synapse in ageing and in a mouse model of synucleinopathy. NPJ Parkinson's disease, 12(1).

Ali D, et al. (2026) The dynamic nature of genetic risk for schizophrenia within genes regulated by FOXP1 during neurodevelopment. Human molecular genetics, 35(2).

Montero-Calle A, et al. (2026) Comprehensive profiling of A?40 and A?42 fibril-interacting proteins reveals PRKCG as a drug-targetable regulator of amyloidogenesis in Alzheimer's disease. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(1), e71090.

Kadamangudi S, et al. (2026) Regional correlates of tau pathology and synaptic function in primary age-related tauopathy. Journal of Alzheimer's disease : JAD, 110(2), 649.

Gross J, et al. (2026) Candidate Key Proteins in Thalamo-Amygdala Signaling in Tinnitus: A Bioinformatics Study. International journal of molecular sciences, 27(4).

Perdigão C, et al. (2026) Encephalopathy-linked UFM1 variants impede neuronal protein translation, development, and function. EMBO molecular medicine, 18(4), 1265.

Chang CH, et al. (2026) In situ proteomics unveils specialized domains for extrasynaptic signaling on neuronal cilia. Science advances, 12(23), eaed5548.

Laman Trip DS, et al. (2026) A tissue-specific atlas of protein-protein associations enables prioritization of candidate disease genes. Nature biotechnology, 44(4), 654.

Yuan Y, et al. (2026) Sh3rf3 Deficiency drives autism-like behaviors via presynaptic dysfunction in mice. Molecular psychiatry, 31(4), 2202.

Stella C, et al. (2026) Biological underpinnings and genetic predisposition to schizophrenia within microrna-137 regulatory pathways across brain development. Translational psychiatry, 16(1).

Heller AT, et al. (2026) Interactome Analysis of the CC2D1A Scaffold Reveals Novel Neuronal Interactions and a Postsynaptic Role. Molecular & cellular proteomics : MCP, 25(4), 101546.

Guldner IH, et al. (2026) Ageing promotes microglial accumulation of slow-degrading synaptic proteins. Nature, 650(8103), 930.

Koopmans F, et al. (2026) Human brain prefrontal cortex proteomics identifies compromised energy metabolism and neuronal function in Schizophrenia. Nature communications, 17(1).

Wang Z, et al. (2026) Perinatal brain developmental transition revealed by transcriptomic and proteomic analyses of Bama miniature pigs. Nature communications, 17(1).

Lin H, et al. (2026) A novel synthetic 3,4,5-tri-feruloylquinic acid enhances learning and memory via neurotrophin signaling in an aging model senescence-accelerated prone 8 mice. GeroScience, 48(2), 2563.