

# Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

## pD454-SR mouse Alpha-synuclein

RRID:Addgene\_89075

Type: Plasmid

### Proper Citation

RRID:Addgene\_89075

### Plasmid Information

**URL:** <http://www.addgene.org/89075>

**Proper Citation:** RRID:Addgene\_89075

**Insert Name:** Alpha-synuclein

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Vector Backbone Description:** Backbone Marker:ATUM; Backbone Size:4037; Vector Backbone:pD454-SR; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pD454-SR mouse Alpha-synuclein

**Record Creation Time:** 20220422T222606+0000

**Record Last Update:** 20260725T075331+0000

### Ratings and Alerts

No rating or validation information has been found for pD454-SR mouse Alpha-synuclein.

No alerts have been found for pD454-SR mouse Alpha-synuclein.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Quansah E, et al. (2025) Tet2 loss and enhanced ciliogenesis suppress ??-synuclein pathology. *Acta neuropathologica communications*, 13(1), 71.

Vekrellis K, et al. (2025) Proteolytic activities of extracellular vesicles attenuate A-synuclein aggregation. *NPJ Parkinson's disease*, 11(1), 277.

Ha TY, et al. (2024) GPR40 agonist ameliorates neurodegeneration and motor impairment by regulating NLRP3 inflammasome in Parkinson's disease animal models. *Pharmacological research*, 209, 107432.