

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[rAAV2/MG1.2](#)

RRID:Addgene_184541

Type: Plasmid

Proper Citation

RRID:Addgene_184541

Plasmid Information

URL: <http://www.addgene.org/184541>

Proper Citation: RRID:Addgene_184541

Insert Name: AAV-MG1.2 capsid

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35879607](#)

Vector Backbone Description: Vector Backbone:AAV helper vector; Vector Types:AAV, helper vector for packaging; Bacterial Resistance:Ampicillin

Plasmid Name: rAAV2/MG1.2

Relevant Mutation: changes on AAV9 capsid: K449R, Q588T; insertion of EPPKTTS between T588 and A589

Record Creation Time: 20220724T080228+0000

Record Last Update: 20260815T082322+0000

Ratings and Alerts

No rating or validation information has been found for rAAV2/MG1.2.

No alerts have been found for rAAV2/MG1.2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Mirzaei R, et al. (2026) Spatial single-cell profiling identifies protein kinase C δ -expressing microglia with anti-tumor function in glioblastoma. *iScience*, 29(1), 114281.

Radukic MT, et al. (2026) Engineering of High-Yield Recombinant Adeno-Associated Virus Producer Plasmids. *Biotechnology journal*, 21(1), e70179.

Cao W, et al. (2025) An AAV capsid proposed as microglia-targeting directs genetic expression in forebrain excitatory neurons. *Cell reports methods*, 5(6), 101054.

Tian M, et al. (2025) Deconstructing the intercellular interactome in vascular dementia with focal ischemia for therapeutic applications. *Cell*.

Bhusal A, et al. (2024) The microglial innate immune protein PGLYRP1 mediates neuroinflammation and consequent behavioral changes. *Cell reports*, 43(3), 113813.

Santoscoy MC, et al. (2024) Expression-based selection identifies a microglia-tropic AAV capsid for direct and CSF routes of administration in mice. *bioRxiv : the preprint server for biology*.