

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

JAF99.4

RRID:Addgene_45560

Type: Plasmid

Proper Citation

RRID:Addgene_45560

Plasmid Information

URL: <http://www.addgene.org/45560>

Proper Citation: RRID:Addgene_45560

Insert Name: Pkhd1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20048263](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: JAF99.4

Relevant Mutation: Contains only the cytoplasmic tail (last 193 amino acids)

Record Creation Time: 20220422T222235+0000

Record Last Update: 20260725T074727+0000

Ratings and Alerts

No rating or validation information has been found for JAF99.4.

No alerts have been found for JAF99.4.

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](#) .

Hsiao K, et al. (2025) Trisomy 21 Alters Motor Coordination, Vocal Communication, and Cerebellar Circuit Connectivity in the TcMAC21 Mouse. Research square.

Stander R, et al. (2025) Altered motor coordination, vocal communication, and cerebellar circuit connectivity in mice carrying a near-complete human chromosome 21. Translational psychiatry, 16(1), 14.

Richards T, et al. (2019) Atmin modulates Pkhd1 expression and may mediate Autosomal Recessive Polycystic Kidney Disease (ARPKD) through altered non-canonical Wnt/Planar Cell Polarity (PCP) signalling. Biochimica et biophysica acta. Molecular basis of disease, 1865(2), 378.