

# Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

## pBa-FRB-3myc-KIF1A tail 391-1698

RRID:Addgene\_64286

Type: Plasmid

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### Proper Citation

RRID:Addgene\_64286

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### Plasmid Information

**URL:** <http://www.addgene.org/64286>

**Proper Citation:** RRID:Addgene\_64286

**Insert Name:** KIF1A

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:25624392](#)

**Vector Backbone Description:** Backbone Size:5863; Vector Backbone:pBa; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** pBa vector is susceptible to recombination and should not be grown in fast growing bacteria or cloned using recombination. XL 10-Gold, Stbl3, OmniMax2, DH5alpha, and XL 1-Blue are suitable growth strains.

**Plasmid Name:** pBa-FRB-3myc-KIF1A tail 391-1698

**Relevant Mutation:** aa 391-1698, 5'end mostly matches rat, 3'end mostly matches mouse

**Record Creation Time:** 20220422T222408+0000

**Record Last Update:** 20260829T080841+0000

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### Ratings and Alerts

No rating or validation information has been found for pBa-FRB-3myc-KIF1A tail 391-1698.

No alerts have been found for pBa-FRB-3myc-KIF1A tail 391-1698.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Nagpal S, et al. (2024) Optogenetic control of kinesin-1, -2, -3 and dynein reveals their specific roles in vesicular transport. Cell reports, 43(8), 114649.

Schelski M, et al. (2022) Microtubule retrograde flow retains neuronal polarization in a fluctuating state. Science advances, 8(44), eabo2336.