

# Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

## pEGFP-NMHC-IIA-S1916A

RRID:Addgene\_101040

Type: Plasmid

### Proper Citation

RRID:Addgene\_101040

### Plasmid Information

**URL:** <http://www.addgene.org/101040>

**Proper Citation:** RRID:Addgene\_101040

**Insert Name:** Non-muscle myosin IIA heavy chain

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:28053086](#)

**Vector Backbone Description:** Backbone Marker:clonotech; Vector Backbone:pEGFP-C3; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** pEGFP-NMHC-IIA-S1916A

**Relevant Mutation:** S1916A, S1917A

**Record Creation Time:** 20220422T221451+0000

**Record Last Update:** 20260725T073340+0000

### Ratings and Alerts

No rating or validation information has been found for pEGFP-NMHC-IIA-S1916A.

No alerts have been found for pEGFP-NMHC-IIA-S1916A.

### Data and Source Information

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

## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Peng Y, et al. (2022) Non-muscle myosin II isoforms orchestrate substrate stiffness sensing to promote cancer cell contractility and migration. Cancer letters, 524, 245.