

Resource Summary Report

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

pLNCX chick src Y527F

RRID:Addgene_13660

Type: Plasmid

Proper Citation

RRID:Addgene_13660

Plasmid Information

URL: <http://www.addgene.org/13660>

Proper Citation: RRID:Addgene_13660

Insert Name: src Y527F

Organism: Gallus gallus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:BD Biosciences; Backbone Size:6600; Vector Backbone:pLNCX; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLNCX chick src Y527F

Relevant Mutation: Y527F. Constitutive active mutant.

Record Creation Time: 20220422T221753+0000

Record Last Update: 20260725T073903+0000

Ratings and Alerts

No rating or validation information has been found for pLNCX chick src Y527F.

No alerts have been found for pLNCX chick src Y527F.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Lee SH, et al. (2025) Dynamic decoding of VEGF signaling and coordinated control of multiple phenotypes by the Src-TEM4-YAP pathway. *Cell systems*, 16(7), 101321.

Fão L, et al. (2023) Restoration of c-Src/Fyn Proteins Rescues Mitochondrial Dysfunction in Huntington's Disease. *Antioxidants & redox signaling*, 38(1-3), 95.

Chessa TAM, et al. (2023) PLEKHS1 drives PI3Ks and remodels pathway homeostasis in PTEN-null prostate. *Molecular cell*, 83(16), 2991.

Fão L, et al. (2022) Restored Fyn Levels in Huntington's Disease Contributes to Enhanced Synaptic GluN2B-Composed NMDA Receptors and CREB Activity. *Cells*, 11(19).

Kuo MY, et al. (2022) Hispolon Methyl Ether, a Hispolon Analog, Suppresses the SRC/STAT3/Survivin Signaling Axis to Induce Cytotoxicity in Human Urinary Bladder Transitional Carcinoma Cell Lines. *International journal of molecular sciences*, 24(1).

Socodato R, et al. (2020) Microglia Dysfunction Caused by the Loss of Rhoa Disrupts Neuronal Physiology and Leads to Neurodegeneration. *Cell reports*, 31(12), 107796.

LaFoya B, et al. (2018) Src kinase phosphorylates Notch1 to inhibit MAML binding. *Scientific reports*, 8(1), 15515.

Socodato R, et al. (2017) Dopamine promotes NMDA receptor hypofunction in the retina through D1 receptor-mediated Csk activation, Src inhibition and decrease of GluN2B phosphorylation. *Scientific reports*, 7, 40912.

Sancho-Martinez I, et al. (2016) Establishment of human iPSC-based models for the study and targeting of glioma initiating cells. *Nature communications*, 7, 10743.

Kaukonen R, et al. (2016) Normal stroma suppresses cancer cell proliferation via mechanosensitive regulation of JMJD1a-mediated transcription. *Nature communications*, 7, 12237.

Gingras J, et al. (2016) γ -Dystrobrevin-1 recruits Grb2 and γ -catulin to organize neurotransmitter receptors at the neuromuscular junction. *Journal of cell science*, 129(5), 898.

Pal R, et al. (2016) NADPH oxidase promotes Parkinsonian phenotypes by impairing autophagic flux in an mTORC1-independent fashion in a cellular model of Parkinson's disease. *Scientific reports*, 6, 22866.

Rajala A, et al. (2016) Activation of oncogenic tyrosine kinase signaling promotes insulin receptor-mediated cone photoreceptor survival. *Oncotarget*, 7(30), 46924.

Socodato R, et al. (2015) c-Src function is necessary and sufficient for triggering microglial cell activation. *Glia*, 63(3), 497.

Socodato R, et al. (2015) c-Src deactivation by the polyphenol 3-O-caffeoylquinic acid abrogates reactive oxygen species-mediated glutamate release from microglia and neuronal excitotoxicity. *Free radical biology & medicine*, 79, 45.

Lee HS, et al. (2015) Protein tyrosine phosphatase-PEST and β 8 integrin regulate spatiotemporal patterns of RhoGDI1 activation in migrating cells. *Molecular and cellular biology*, 35(8), 1401.

Kathiriya JJ, et al. (2014) Presence and utility of intrinsically disordered regions in kinases. *Molecular bioSystems*, 10(11), 2876.

Skupien A, et al. (2014) CD44 regulates dendrite morphogenesis through Src tyrosine kinase-dependent positioning of the Golgi. *Journal of cell science*, 127(Pt 23), 5038.

Xing W, et al. (2013) Targeted disruption of leucine-rich repeat kinase 1 but not leucine-rich repeat kinase 2 in mice causes severe osteopetrosis. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 28(9), 1962.

Mishra A, et al. (2012) Synapse loss induced by interleukin-1 β requires pre- and post-synaptic mechanisms. *Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology*, 7(3), 571.