

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 21, 2026

pENN.AAV.hSyn.TurboRFP.WPRE.RBG

RRID:Addgene_105552

Type: Plasmid

Proper Citation

RRID:Addgene_105552

Plasmid Information

URL: <http://www.addgene.org/105552>

Proper Citation: RRID:Addgene_105552

Insert Name: TurboRFP

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Penn Vector Core number p2642

Plasmid Name: pENN.AAV.hSyn.TurboRFP.WPRE.RBG

Record Creation Time: 20220422T221512+0000

Record Last Update: 20260815T080053+0000

Ratings and Alerts

No rating or validation information has been found for pENN.AAV.hSyn.TurboRFP.WPRE.RBG.

No alerts have been found for pENN.AAV.hSyn.TurboRFP.WPRE.RBG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Kiral FR, et al. (2026) Generation of human pineal gland organoids with melatonin production for disease modeling. *Cell stem cell*, 33(1), 91.

Chaterji S, et al. (2024) The superior colliculus directs goal-oriented forelimb movements. *Cell reports*, 44(1), 115097.

Mesías RE, et al. (2023) Development and cadherin-mediated control of prefrontal corticostriatal projections in mice. *iScience*, 26(10), 108002.

Gershon D, et al. (2022) In vivo optical recordings of ion dynamics in mouse corneal primary nociceptive terminals. *STAR protocols*, 3(1), 101224.

Sekine Y, et al. (2022) Rabphilin3A reduces integrin-dependent growth cone signaling to restrict axon regeneration after trauma. *Experimental neurology*, 353, 114070.

Dingle YL, et al. (2021) Integrated functional neuronal network analysis of 3D silk-collagen scaffold-based mouse cortical culture. *STAR protocols*, 2(1), 100292.

Augustinaite S, et al. (2020) Chronic Cranial Window for Imaging Cortical Activity in Head-Fixed Mice. *STAR protocols*, 1(3), 100194.

Goldstein RH, et al. (2019) Location and Plasticity of the Sodium Spike Initiation Zone in Nociceptive Terminals In Vivo. *Neuron*, 102(4), 801.