Resource Summary Report

Generated by RRID on Aug 20, 2026

pDest-566

RRID:Addgene_11517
Type: Plasmid

Proper Citation

RRID:Addgene_11517

Plasmid Information

URL: http://www.addgene.org/11517

Proper Citation: RRID:Addgene_11517

Insert Name: None

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Marker:PEL; Backbone Size:9367; Vector Backbone:pDest-560; Vector Types:Bacterial Expression, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pDest-566

Record Creation Time: 20220422T221603+0000

Record Last Update: 20260815T080231+0000

Ratings and Alerts

No rating or validation information has been found for pDest-566.

No alerts have been found for pDest-566.

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 RRID .

Raj K, et al. (2026) Lotus japonicus VIH2 is an inositol pyrophosphate synthase that regulates arbuscular mycorrhiza. Science advances, 12(21), eaec5607.

Sharma AK, et al. (2025) NMR 1H, 13C, and 15N resonance assignments of the oncogenic Q61R variant of human NRAS in the active, GTP-bound conformation. Biomolecular NMR assignments, 19(1), 195.

He Y, et al. (2025) Arabidopsis KNL1 recruits type one protein phosphatase to kinetochores to silence the spindle assembly checkpoint. Science advances, 11(6), eadq4033.

Czyzyk D, et al. (2025) Structural insights into isoform-specific RAS-PI3K? interactions and the role of RAS in PI3K? activation. Nature communications, 16(1), 525.

Alexander P, et al. (2025) Biophysical and structural analysis of KRAS switch-II pocket inhibitors reveals allele-specific binding constraints. The Journal of biological chemistry, 301(7), 110331.

Li S, et al. (2025) A quantitative high-throughput screening pipeline to identify small molecule inhibitors of Chikungunya nsP2 protease. Scientific reports, 15(1), 33479.

Gilsbach BK, et al. (2024) Intramolecular feedback regulation of the LRRK2 Roc G domain by a LRRK2 kinase-dependent mechanism. eLife, 12.

Graewert MA, et al. (2024) Structural basis of CDNF interaction with the UPR regulator GRP78. Nature communications, 15(1), 8175.

Lopez J, et al. (2023) The ribosomal S6 kinase 2 (RSK2)-SPRED2 complex regulates the phosphorylation of RSK substrates and MAPK signaling. The Journal of biological chemistry, 299(6), 104789.

Patel LA, et al. (2023) GAP positions catalytic H-Ras residue Q61 for GTP hydrolysis in molecular dynamics simulations, complicating chemical rescue of Ras deactivation. Computational biology and chemistry, 104, 107835.

Morstein J, et al. (2023) Direct Modulators of K-Ras-Membrane Interactions. ACS chemical biology, 18(9), 2082.

Cuevas-Navarro A, et al. (2023) RAS-dependent RAF-MAPK hyperactivation by pathogenic RIT1 is a therapeutic target in Noonan syndrome-associated cardiac hypertrophy. Science advances, 9(28), eadf4766.

Gaugler P, et al. (2022) Arabidopsis PFA-DSP-Type Phosphohydrolases Target Specific Inositol Pyrophosphate Messengers. Biochemistry, 61(12), 1213.

Raran-Kurussi S, et al. (2022) A comparison between MBP- and NT* as N-terminal fusion partner for recombinant protein production in E. coli. Protein expression and purification, 189, 105991.

Chao FA, et al. (2022) Insights into the Cross Talk between Effector and Allosteric Lobes of KRAS from Methyl Conformational Dynamics. Journal of the American Chemical

Society, 144(9), 4196.

Nguyen K, et al. (2022) Exploring CRD mobility during RAS/RAF engagement at the membrane. Biophysical journal, 121(19), 3630.

Spencer-Smith R, et al. (2022) RASopathy mutations provide functional insight into the BRAF cysteine-rich domain and reveal the importance of autoinhibition in BRAF regulation. Molecular cell, 82(22), 4262.

Hogan AK, et al. (2021) UBR7 acts as a histone chaperone for post-nucleosomal histone H3. The EMBO journal, 40(24), e108307.

Cuevas-Navarro A, et al. (2021) The RAS GTPase RIT1 compromises mitotic fidelity through spindle assembly checkpoint suppression. Current biology : CB, 31(17), 3915.

Zehr EA, et al. (2020) Katanin Grips the ?-Tubulin Tail through an Electropositive Double Spiral to Sever Microtubules. Developmental cell, 52(1), 118.