

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

Zinc Finger Tools

RRID:SCR_008598

Type: Tool

Proper Citation

Zinc Finger Tools (RRID:SCR_008598)

Resource Information

URL: <http://www.zincfingertools.org>

Proper Citation: Zinc Finger Tools (RRID:SCR_008598)

Description: This site provides several tools for selecting zinc finger protein (ZFP) target sites and for designing the proteins that will target them. These ZFPs can be fused with effector domains that confer transcriptional activation or repression activity as well as catalytic functions.

Synonyms: ZF

Resource Type: software resource

Resource Name: Zinc Finger Tools

Resource ID: SCR_008598

Alternate IDs: nif-0000-31934

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260905T132625+0000

Ratings and Alerts

No rating or validation information has been found for Zinc Finger Tools.

No alerts have been found for Zinc Finger Tools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Katayama S, et al. (2025) Manipulation of 7?Finger Zinc Finger Nuclease Increases the Efficiency of Genome Editing in Human Cells. ACS bio & med chem Au, 5(6), 1016.

Katayama S, et al. (2024) Engineering of Zinc Finger Nucleases Through Structural Modeling Improves Genome Editing Efficiency in Cells. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(23), e2310255.

He H, et al. (2021) Conditioned CAR-T cells by hypoxia-inducible transcription amplification (HiTA) system significantly enhances systemic safety and retains antitumor efficacy. Journal for immunotherapy of cancer, 9(10).

Gjaltema RAF, et al. (2020) KRAB-Induced Heterochromatin Effectively Silences PLOD2 Gene Expression in Somatic Cells and is Resilient to TGF?1 Activation. International journal of molecular sciences, 21(10).

Cano-Rodriguez D, et al. (2017) TCTN2: a novel tumor marker with oncogenic properties. Oncotarget, 8(56), 95256.

Huisman C, et al. (2016) Re-expression of Selected Epigenetically Silenced Candidate Tumor Suppressor Genes in Cervical Cancer by TET2-directed Demethylation. Molecular therapy : the journal of the American Society of Gene Therapy, 24(3), 536.

Hossain MA, et al. (2015) Artificial zinc finger DNA binding domains: versatile tools for genome engineering and modulation of gene expression. Journal of cellular biochemistry, 116(11), 2435.

Mitchell NC, et al. (2013) The Ecdysone receptor constrains wingless expression to pattern cell cycle across the Drosophila wing margin in a Cyclin B-dependent manner. BMC developmental biology, 13, 28.

Stolzenburg S, et al. (2012) Targeted silencing of the oncogenic transcription factor SOX2 in breast cancer. Nucleic acids research, 40(14), 6725.

Mussolino C, et al. (2011) Zinc-finger-based transcriptional repression of rhodopsin in a model of dominant retinitis pigmentosa. EMBO molecular medicine, 3(3), 118.

Porteus MH, et al. (2006) A look to future directions in gene therapy research for monogenic diseases. PLoS genetics, 2(9), e133.