

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

FLASH v2.0

DOI:10.17504/protocols.io.3ingkde

Type: Protocol

Proper Citation

Amy Lyden, Gloria Castañeda, Emily Crawford, Saharai Caldera, Jenai Quan, Katherine Travisano 2019. FLASH v2.0. protocols.io dx.doi.org/10.17504/protocols.io.3ingkde

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.3ingkde>

Authors: Amy Lyden, Gloria Castañeda, Emily Crawford, Saharai Caldera, Jenai Quan, Katherine Travisano

Group: Chan Zuckerberg Biohub

Summary: FLASH is a crispr-cas9 technology that enriches for targeted sequences in sequencing libraries. The initial DNA sample undergoes a blocking step that removes of the 5' phosphoryl groups of the DNA fragments, resulting in a product that is not amendable for downstream adaptor ligation or amplification via standard Illumina-based library preparation. The subsequent incorporation of targeted CRISPR-cas9 library exposes the desired regions of interest, allowing them to be processed into a library. For more information on methods and results, please see the FLASH paper. For FLASH guide RNA design help, please see our github.

Affiliations: CZ Biohub, CZ Biohub, CZ Biohub, CZ Biohub, UCSF, CZ Biohub, CZ Biohub

Version: 1

Publication Date: 2019

Proper Citation: Amy Lyden, Gloria Castañeda, Emily Crawford, Saharai Caldera, Jenai Quan, Katherine Travisano 2019. FLASH v2.0. protocols.io dx.doi.org/10.17504/protocols.io.3ingkde

Record Creation Time: 20210329T220540+0000

Record Last Update: 20210329T221105+0000

Data and Source Information

Source: