

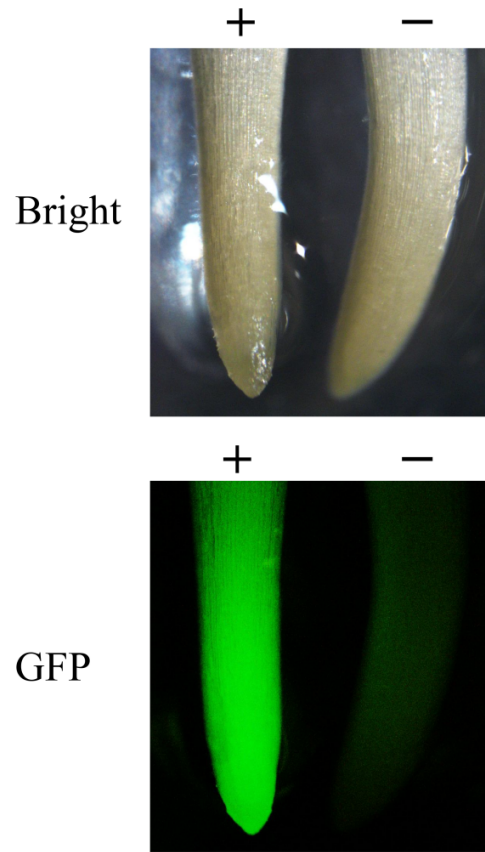
[illegible]

Supplementary data S2. The sequences of SaCas9 and NLS used in this study.

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ACAGATTCAAGACCAGTGACTACGTGAAAGAAGCCAAACAGCTGCTGAAGGTGCAGAAGGCCTACCATC
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TGAACAATCTCGTGATCACCAGGGACGAGAACGAGAAGCTGGAATATTACGAGAAGTTCCAGATCATCGA
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CATTCCAGTACCTGAGTAGTAGTGACAGTAAGATCAGTTACGAAACCTTCAAGAAGCATATCCTGAATCTG
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AGTACAGACATTCTGGGAAACCTGTATGAAGTGAATCTAAGAAGCATCCTCAGATCATCAAAAAGGGA
AAAGGCCTGCTGCCACTAAAAAGGCCGGACAGGCAAAAAAGAAAAAGTAA

The sequence of SV40 NLS is indicated with the capital letter on a yellow background, and the sequence of nucleoplasmin NLS is indicated with the capital letter on a green background.



Supplementary Figure S1. Characterization of transgenic hairy roots with a GFP fluorescence labeling. +, transgenic hairy root. -, negative control.