

Supplementary table 1. Comparison of the SSFinder with other available tools.

Name of the tool	Link	Input sequence/genome limit	Excess	Adjustability
CRISPR Design tool	http://www.broadinstitute.org/mpg/crispr_design/	1000 bp	Internet dependent	Non-editable
CRISPR Design	http://crispr.mit.edu/	Limited to 15 genome (only 1 from plants)	Internet dependent	Non-editable
CRISPR Target	http://bioanalysis.otago.ac.nz/CRISPRTarget/crispr_analysis.html	Limited to the 50 Mb user database at web interface	Internet dependent	Flexible
ZiFiT Targeter	http://zifit.partners.org/ZiFiT/ChoiceMenu.aspx	Limited to small number of sequences	Internet dependent	Non-editable
SSFinder	http://code.google.com/p/ssfinder	Useful for large genomes	Internet independent	Editable