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## Seydoux Lab Cas9 injection mix

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**Protocol status:** Working



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## Abstract

This is the injection mixture for one locus editing using home-made Cas9



- 1 Cas9 prep (10µg/µl): 5µl
- 2 tracrRNA (4µg/µl): 5µl
- 3 *dpy-10* crRNA (8µg/µl): 0.4µl
- 4 *dpy-10* ssODN (500ng/µl): 0.55µl
- 5 Targeted gene crRNA (8µg/µl): 1µl
- 6 PCR template (s) (several templates can be mixed): Up to 500ng/µl final in the mix
- 7 OR ssODN (s) (several templates can be mixed) (1µg/µl): 2.2µl total
- 8 KCl (1M): 0.5µl
- 9 Hepes pH7.4 (200mM): 0.75µl
- 10 H<sub>2</sub>O: add if necessary to reach a final volume of 20µl