

Materials List for:

A Rapid and Facile Pipeline for Generating Genomic Point Mutants in *C. elegans* Using CRISPR/Cas9 Ribonucleoproteins

Harriet Prior^{*1}, Lauren MacConnachie^{*1}, Jose L. Martinez¹, Georgina C.B. Nicholl¹, Asim A. Beg¹

¹Department of Pharmacology, University of Michigan

*These authors contributed equally

Correspondence to: Asim A. Beg at asimbeg@umich.edu

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Materials

| Name | Company | Catalog Number | Comments |
|--|-----------------------------|------------------------------------|--------------------------------|
| CRISPRevolution sgRNA EZ Kit | Synthego Inc. | | chimeric sgRNA |
| Nuclease-free TE | Synthego Inc. | provided with the sgRNA kit EZ kit | |
| Nuclease-free water | Synthego Inc. | provided with the sgRNA kit EZ kit | |
| 4 nmole Ultramer DNA Oligo | Integrated DNA Technologies | | ssODN HDR template |
| Alt-R S.p. HiFi Cas9 Nuclease 3NLS | Integrated DNA Technologies | 1078728 | Cas9 protein |
| pCFJ90 | Addgene | 19327 | Pmyo-2::mCherry Marker Plasmid |
| KCl | Sigma | P5405 | |
| HEPES | Sigma | H4034 | |
| DNA Clean & Concentrator | Zymo Research | D4004 | |
| Zymoclean Gel DNA Recovery Kit | Zymo Research | D4002 | |
| Q5 Hot Start High-Fidelity 2X Master Mix | New England Biolabs | M0494L | |
| Proteinase K | Sigma | P2308 | |
| Glass Borosilicate Glass Micropipettes | Sutter Instruments | BF100-78-10 | OD: 1.0mm. ID: 0.78mm |
| Trizma Hydrochloride | Sigma | T5941 | |
| MgCl ₂ | Sigma | M2393 | |
| NP-40 | Sigma | 74385 | |
| Tween-20 | Fisher Scientific | BP337-100 | |
| RNaseZap Decontamination Solution | Fisher Scientific | AM9780 | |