

S8 Table. Plasmid vectors for *Strongyloides* CRISPR-Cas9. pPV540, provided by Dr. James Lok, was modified from pPV402, which is described in Shao *et al.* 2012 [45]. pEY09 and pMLC39 were modified from pAJ50, which is described in Junio *et al.* 2008 [31].

construct	description	backbone	
pPV540	(<i>Sr-eef-1A_{pro}::Cas9::Ss-era-1</i> 3'UTR)	<i>Strongyloides</i> codon-optimized Cas9	pPV402
pMLC56	(<i>Sr-U6_{pro}::Ss-unc-22-sgRNA-1::Sr-U6</i> 3'UTR)	sgRNA for <i>Ss-unc-22</i> site #1	pUC57-Kan
pMLC57	(<i>Sr-U6_{pro}::Sr-unc-22-sgRNA-1::Sr-U6</i> 3'UTR)	sgRNA for <i>Sr-unc-22</i> site #1	pUC57-Kan
pMLC58	(<i>Sr-U6_{pro}::Ss-unc-22-sgRNA-3::Sr-U6</i> 3'UTR)	sgRNA for <i>Ss-unc-22</i> site #3	pUC57-Kan
pMLC60	(<i>Sr-U6_{pro}::Ss-unc-22-sgRNA-2::Sr-U6</i> 3'UTR)	sgRNA for <i>Ss-unc-22</i> site #2	pUC57-Kan
pMLC61	(<i>Sr-U6_{pro}::Sr-unc-22-sgRNA-2::Sr-U6</i> 3'UTR)	sgRNA for <i>Sr-unc-22</i> site #2	pUC57-Kan
pEY09	(5'HA:: <i>Ss-act-2_{pro}::mRFPmars::Ss-era-1</i> 3' UTR::3'HA)	HDR construct for <i>Ss-unc-22</i> site #2	pAJ50
pMLC47	(<i>Sr-U6_{pro}::Ss-tax-4-sgRNA-1::Sr-U6</i> 3'UTR)	sgRNA for <i>Ss-tax-4</i> site #1	pUC57-Kan
pMLC39	(5'HA:: <i>Ss-act-2_{pro}::mRFPmars::Ss-era-1</i> 3' UTR::3'HA)	HDR construct for <i>Ss-tax-4</i> site #1	pAJ50