

Supplemental Table S2. Cas9-sgRNA co-expression plasmids

Plasmid name	Alternative name	Cas9	Addgene ID
pSpCas9(BB)-2A-GFP	PX458	WT	#48138
pSpCas9(BB)-2A-Puro	PX459	WT	#48139, #62988
pSpCas9n(BB)-2A-GFP	PX461	Cas9D10A	#48140
pSpCas9n(BB)-2A-Puro	PX462	Cas9D10A	#48141, #62987
pSpCas9nH840A(BB)-2A-Puro	-	Cas9H840A	(site-directed mutagenesis)

PX458, PX459, PX461, and PX462 were gifts from Dr. Feng Zhang. The H840A mutant was created by site-directed mutagenesis. Target sequences (Supplemental Table S3) were cloned into the sgRNA scaffold of these plasmids as described in the Zhang lab.'s protocol with minor modifications.