

Table S2 List of primers used to construct the 10UAS-Cas9/TA-gRNA vector.

Plasmid	Primer name	Primer sequence (5' - 3') Forward and Reverse
piggyBac-10UAS-cas9	10UAS-XmaI-F	CCCGGGCTCGATCCGCTTGCATGC
	10UAS-NotI-R	GCGGCCGCAATTCCCTATTCAGAGTTCTCTTCTT
	α Tub84B 3'UTR-XhoI-F	CTACTACTACTCGAGCGGCCATCGAATTCGAGCTC
	α Tub84B 3'UTR-SpeI-Sall-R	CATCATCATGTGCGACACTAGTTAGAGAGCTTCGCATGGTTTTGCC
TA-U6B/CR7T-gRNA -A	U6B-NotI-sphI-speI-FseI-F	GCGGCCGCATGCACTAGTGGCCGGCCGTTTCGACTTGCAGCCTGAAATAC
	CR7T-XhoI-speI-FseI-F	CTCGAGACTAGTGGCCGGCCGTTTTGTGCATCGCTTTTTGTGCG
	U6B/CR7T-AgeI/KpnI-R	GGTACCTGTTTAAACTACCGGTAAAAAAGCACCGACTCGGTGCCAC
TA-U6B/CR7T-gRNA -B	U6B-AgeI-F	CATACCGGTGTTTCGACTTGCAGCCTGAAATAC
	CR7T-AgeI-F	CATACCGGTGTTTTGTGCATCGCTTTTTGTGCG
	U6B/CR7T-KpnI-R	CATGGTACCAAAAAAAGCACCGACTCGGTGCCAC
TA-U6B/CR7T-gRNA -C	U6B-SpeI-F	CATACTAGT GTTCGACTTGCAGCCTGAAATA
	CR7T-SpeI-F	CATACTAGTCGTTTTGTGCATCGCTTTTTGTGCG
	U6B/CR7T-SpeI-R	CATACTAGTAAAAAAGCACCGACTCGGTGCCAC
TA-U6B/CR7T-gRNA -D	U6B-KpnI-F	CATGGTACCGTTTCGACTTGCAGCCTGAAATA
	CR7T-KpnI-F	CATGGTACCGTTTTGTGCATCGCTTTTTGTGCG
	U6B/CR7T-KpnI-R	CATGGTACCAAAAAAAGCACCGACTCGGTGCCAC