

Table S2-I List of primers for vasa-Cas9/pUAST-gRNA vector constructions used in this study

Plasmid	Primer name	Primer sequence (5' – 3') Forward and Reverse
piggyBac-vasa-cas9	Vaspro-F	CCCGGGTACCTGCAGCTGGTTGTAGGTGCAGTTG
	Vaspro-R	GGCGCGCTAGAGACTAGTGCGGCCGATTGATATTTTTTTTTAATTTGGCCTGC
	VasUTR-F	ACTAGTCTCGAGAATGTATGGACATAGATTTCAAATAATTAATG
	VasUTR-R	GGCGCGCCAACACGAAGAGCAGCAGTGTGGT
	PigGFP-F	CTACCCGGGACTGATACTAGTATCTAATTCAATTAGAGACTAATTCAAT
	PigGFP-R	CTAGGGCCCGTACGCGTATCGATAAGCTTTAA
	PigGFP-KOD-F	ACCGCGGGCGCGGGATCCACCGGTCGCCACC
	PigGFP-KOD-R	ACCGTCGACTCTAGCGGTACC
pUAST-U6B/CRT-gRNA	Pro-U6B400-NotsphspeFse-F	GCGGCCGCATGCACTAGTGGCCGGCCGTTGACTTGCAGCCTGAAATAC
	Pro-U6B400-AscI-R1	GGCGCGCCGAAGTATTGAGGAAAACATACCTATATA
	Pro-U6B400-AscI-R1	GGCGCGCCGAAGTATTGAGGAAAACATACCTATATA
	Pro-U6A100-Not-F	GCGGCCGCAGACACAGCGCTACGTCCTTC
	Pro-U6A100-Asc-R1	CGGACTAGCCTTATTTAACTTGCTATTTCTAGCTCTAAAACGGCGCGCCGAAGTTCACCCGGATATCTTTC
	Pro-U6A100-Acc65-R2	GGTACCAAAAAAAGCACC GACTCGGTGCCACTTTTTCAAGTTGATAACGGACTAGCCTTATTTAACTTG
	Pro-CR34335-XhospeFse-F	CTCGAGACTAGTGGCCGGCCGTTTTGTCATCGCTTTTTGTGC
	Pro-CR34335-Asc-R	GGCGCGCCGAAAGTCTTCCACTCATATACGCTA
	gRNA-AscI-F	GGCGCGCCGTTTTAGAGCTAGAAATAGC
	6B/CR34335-Age/Kpn-R	GGTACCTGTTTAACTACCGGTAAAAAAGCACC GACTCGGTGCCAC

pUAST-U6B/CRT-gRNA (II)	U6-Age-F	CATACCGGTGTTTCGACTTGCAGCCTGAAATAC
	CRU6/34335II-Kpn-R	CATGGTACCAAAAAAAGCACCGACTCGGTGCCAC
	CR34335II-Age-F	CATACCGGTGTTTTGTCATCGCTTTTTGTCTG
	CRU6/34335II-Kpn-R	CATGGTACCAAAAAAAGCACCGACTCGGTGCCAC

Table S2-II List of primers for transgenic gRNA vectors constructions used in this study

Target locus	Primer name	Primer sequence (5' – 3') Forward and Reverse
<i>ms(3)k81</i>	K81-KOD-F	TTACGCGGTAGTTTTAGAGCTAGAAATAGCAAGTT
	K81-KOD-R	TCAGAAATCCGAAGTATTGAGGAAAACATACCTA
<i>yellow</i>	yw-gRNA-KOD-F	GGTCGGCTGTGTTTTAGAGCTAGAAATAGCAAGTT
	yw-gRNA-KOD-R	ACACTCATCCGAAGTATTGAGGAAAACATACCTA
<i>white</i>	CR-W1-KOD-R	CTCCCTGAACCGGAGTCTCCGAAAGTCTTCCACTCATATACGCTA
	CRW4-KOD-R	GATGGCGATACTTGGATGCCCGAAAGTCTTCCACTCATATACGCTA
	gRNA-KOD-F	GTTTTAGAGCTAGAAATAGCAAGTT
<i>pUAST-3p3-RFP</i>	3P3RPF-EcoRVF	CATGATATCCCGGGGATCTAATTCAATTAG
	3P3RPF-EcoRVR	CATGATATCGAGCTTCGCATGGTTTTGCC