

Table S8. Primers used to generate expression constructs of contractile vacuole proteins.

Name	Gene ID	GFP	Expression vector	Forward (5'-3')	Reverse (5'-3')
V-H ⁺ -ATPase Subunit B	Tc00.1047053506025.50	C-terminal	pTEX	GGATCCATGGGCATACATGAGGCAGAGGAG	AAGCTTCTTCCGCTCGGGTTGGCGGTCGTAG
SNARE 2.1	Tc00.1047053507625.183	C-terminal	pTEX	GGATCCATGCTTTTTTTTACTCTTATCGTC	AAGCTTTGCCAAAGCGGCATAGTAAAATATG
SNARE 2.2	Tc00.1047053506715.50	C-terminal	pTEX	GGATCCATGGTGACGATTCGTTACGCCCTTG	AAGCTTATTTCTTTTGCAGCGATTAAAGTTG
API180	Tc00.1047053503449.30	N-terminal	pTEX	GGATCCATGAATGTGAAAGATTCTAATGAAC	AAGCTTAATGTTATTGGCATGCCAACCCCTT
Rab11	Tc00.1047053511407.60	N-terminal	pTEX	GGATCCATGGAAAACACAAATTTGAC	AAGCTTCTAGCAGCACCTACCAGTAT
Rab32	Tc00.1047053506289.80	N-terminal	pTEX	GGATCCATGTCATACTCGAAGAGCAGTGG	AAGCTTTTAAACAGGAGCAGCCCCGACTTTTC
TcPho1	Tc00.1047053508831.60	C-terminal	pTRES	TCTAGAATGAAGTTTGAAAACGGTTTC	AAGCTTGTTGAAACCTTCAAGCACAAAC
CaM	Tc00.1047053507483.60	C-terminal	pTRES	TCTAGAATGGCTGATCAACTGTCCAA	AAGCTTCTTGCTCATCATCATCTTGAC
VAMP1	Tc00.1047053511627.60	N-terminal	pTEX	GGATCCATGGCCATTATATCATCTTTTGT	AAGCTTCTATTTTTTGCACTTTTTAAATCC