

Table S2. All primers used in this study

Purpose	Name of primers	Sequences (5'-3')
For RT-PCR and Real-time PCR	VrActin-3-F	CAGTGTCTGGATTGGAGGCT
	VrActin-3-R	GTCCTCGACCACTTGATG
	VrYUC2a-RTF	GGGAGTGACATGTTCAAGTGAAGAAAGATG
	VrYUC2a-RTR	TCATGCAAGTGGACAAGGAAACTCC
	VrYUC2b-RTF2	TGGTTGAAGGGGAGTGAGATGTTTTG
	VrYUC2b-RTR2	TTACGTGGTCTTAGCAGCTTTCCAGC
	VrYUC3-RTF2	CAAACGATGGAACTCCAAGAAACCC
	VrYUC3-RTR2	TTAGAAGTGTGATATGCACCTCCTGTGAC
	VrYUC4a-RTF2	ATGGAGTCTTGCAAGGGACCAGAG
	VrYUC4a-RTR2	GGAAATGGTGAGGGAAGGGCAT
	VrYUC4b-RTF1	GGAACACAGTGCATGTCCTTCCTAGG
	VrYUC4b-RTR1	CTCCTTCACACCTTCCATCACCTTTATG
	VrYUC6a-RTF	CAAGGCATCGTCTTCTTCAACGGT
	VrYUC6a-RTR	TGGGGAAGTGAGAAGGGAAGGG
	VrYUC6b-RTF	ATGCATTCTTGGATGGACTATTGCTTG
	VrYUC6b-RTR	CGCTCTAGGATTAGGCTTGGAAGTCC
	VrYUC8a-RTF2	CTCAAAGAATGGATTCCCGAAGATG
	VrYUC8a-RTR2	TTAGAACTGAGAAATGCATCTTCTATGACATG

	VrYUC8b-RTF	TTCGCTTAGTTGATTGTGAGGAAACG
	VrYUC8b-RTR	AAGTGTGGTGGGAATGGAAGGTTG
	VrYUC8c-RTF2	ATGGAAAACCTATTTTCGCCTAGTTAATTGTGA
	VrYUC8c-RTR2	AGATGGAGTTTTTAATCTGTCGTAGGTTTCGT
	VrYUC10-RTF2	GAGATCAACCAACAAGTGGCTCAAGG
	VrYUC10-RTR2	TCAGGGTTGTTGCATGAAGAAGCTTATAT
	VrYUC11-RTF	CAACAGTAATGGAATGCCTAAACCAGG
	VrYUC11-RTR	TTATTTCTGAATGAGTTTGAGGGAAGCTAAG
	AtActin2-F	TCCTTTGTTGCTGTTGACTACG
	AtActin2-R	ATTTTCTGTGAACGATTCCTGG
For prokaryotic expression	pMALVrYUC2a-F	<u>TTCAGAATTCGGATCC</u> ATGGACTACTTGAAGGAACTAGAAGGAAAAAG
	pMALVrYUC2a-R	<u>GCAGGTCGACTCTAGAT</u> CATGCAAGTGGACAAGGAAACTCC
	pMALVrYUC2b-F	<u>TTCAGAATTCGGATCC</u> ATGGTTTTGATGGAGTACTTGAAGGAGG
	pMALVrYUC2b-R	<u>GCAGGTCGACTCTAGATT</u> ACGTGGTCTTAGCAGCTTTCCAGC
	pMALVrYUC3-F	<u>TTCAGAATTCGGATCC</u> ATGCATGACATTTGTCTCAACATGCC
	pMALVrYUC3-R	<u>GCAGGTCGACTCTAGATT</u> AGAAGTGTGATATGCACCTCCTGTGAC
	pMALVrYUC4a-F	<u>TTCAGAATTCGGATCC</u> ATGGAGTCTTGCAAGGGACCAGAG
	pMALVrYUC4a-R	<u>GCAGGTCGACTCTAGACT</u> ATGTACTCTTGAGCAAGATCATGTGGG
	pMALVrYUC4b-F	<u>TTCAGAATTCGGATCC</u> ATGGGTTCTTGCAAACCCCAACA
	pMALVrYUC4b-R	<u>GCAGGTCGACTCTAGATT</u> ATGAAGTGAGAAGGATGATATGTGAATTGC

pMALVrYUC6a-F	<u>TTCAGAATTCGGATCC</u> ATGGACTATTGCATAAGAGAAATAGAGGGAA
pMALVrYUC6a-R	GCAGGTCGACTCTAG <u>ACT</u> ATGAATTTGGTTGCGGCAAGTG
pMALVrYUC6b-F	<u>TTCAGAATTCGGATCC</u> ATGCATTCTTGGATGGACTATTGCTTG
pMALVrYUC6b-R	GCAGGTCGACTCTAG <u>AT</u> CATGAATTTGATTGTGGAACATTAAATGAG
pMALVrYUC8a-F	<u>TTCAGAATTCGGATCC</u> ATGGAGAACTTTTTTCGCCTAGTGGAC
pMALVrYUC8a-R	GCAGGTCGACTCTAG <u>ATT</u> AGAACTGAGAAATGCATCTTCTATGACATG
pMALVrYUC8b-F	<u>TTCAGAATTCGGATCC</u> ATGGAAAACTTTTTCGCTTAGTTGATTG
pMALVrYUC8b-R	GCAGGTCGACTCTAG <u>AT</u> CAGAACTGAGAAATGCAACGTCTATGAG
pMALVrYUC8c-F	<u>TTCAGAATTCGGATCC</u> ATGGAAAAC TTATTTGCCTAGTTAATTGTGA
pMALVrYUC8c-R	GCAGGTCGACTCTAG <u>AT</u> CAGAACTGAGAAATGCAACGTCTATGAG
pMALVrYUC10-F	<u>TTCAGAATTCGGATCC</u> ATGCAGGAGGAAGATAAGGCCGAG
pMALVrYUC10-R	GCAGGTCGACTCTAG <u>AT</u> CAGGGTTGTTGCATGAAGAAGCTTATAT
pMALVrYUC11-F	<u>TTCAGAATTCGGATCC</u> ATGGAGATTGAAGTTCCTGTTGTGATTG
pMALVrYUC11-R	GCAGGTCGACTCTAG <u>ATT</u> ATTTCTGAATGAGTTTGAGGGAAGCTAAG
