

1 **Supplemental Table S1. Primers used for PCR amplification of the gene deletion constructs**
 2 **and for mutant screening.**

Primers	Sequence (5' to 3')
Vam6-1	TGGCTGACTCTTGACCCACCTCGAGCT
Vam6-2	GATGGCCAGGTGAGGAGACAATGGGAGAGCTGCGAGGATGTGAGCT
Vam6-3	AGCTCACATCCTCGCAGCTCTCCCATTGTCTCCTCACCTGGCCATC
Vam6-4	TAGTTTCTACATCTCTTCGGTGAGTCTATATCTTGGGCGGGGTTTC
Vam6-5	GAAACCCCGCCCAAGATATAGACTCACCGAAGAGATGTAGAAACTA
Vam6-6	ACATGATCATGCCCATAGCCATAACATGCGA
Vam6-7NE	CCGCACCGACCGTGCCTTTGCCGCCA
Vam6-8NE	CTTGGCGGAGGGGAAGACGATGTGGC
Vam6-9PO	GCAGCGTTGACGATCATGTTTGCCTAG
Vam6-10PO	CCCACGAAGACGAGTATGACCACGCACAC
Vps3-1	GACCGACGATGGTAACTGGACGACATGGA
Vps3-2	TGGAGAAGGACCCCAATAGGATGCGCGCTGCGAGGATGTGAGCT
Vps3-3	AGCTCACATCCTCGCAGCGCGCATCTATTGGGGTCCTTCTCCA
Vps3-4	TAGTTTCTACATCTCTTCGCCATTACGGGGAATTGATGCTGGCCGGAC
Vps3-5	GTCCGGCCAGCATCAATTCCCCGTAATGGCGAAGAGATGTAGAAACTA
Vps3-6	CCCAAAGTGCCAAAATTGATACAGTCGT
Vps3-7NE	CACTGCCCAGCCAGCTCACAATCCA
Vps3-8NE	CATGGGCAGTGGGAGATGATGGAAGT
Vps3-9PO	GAGGGTCTCGAGAGCCAGCCACCGCTGCA
Vps3-10PO	AGTACAGGGAGGAGAGGTAGGAAGGTGAGC
Vps8-1	GCAGCTGTCCACACTGGCCCTGTATTCT
Vps8-2	TCTCCTGATCATCTCCATGATGCTGAAGGGGCTGCGAGGATGTGAGCT
Vps8-3	AGCTCACATCCTCGCAGCCCCTCAGCATCATGGAGATGATCAGGAGA
Vps8-4	TAGTTTCTACATCTCTTCGTTCTCGGGTCTGGCTCTGTCCTTAC
Vps8-5	GTGAAGGACAGAGCCAGACCCGAGAACGAAGAGATGTAGAAACTA
Vps8-6	GCCCAAGGGCGTTATGTTGAGATCGCA
Vps8-7NE	GCGATACCCTCGACCCTTACATCA
Vps8-8NE	CTCTCACATGCAAGCGATTGCCGTGGA
Vps8-9-PO	CTCTGTCCGCACTAGCTCGTCA
Vps8-10PO	CACCAACCGTGCAAAGCATGACGCT
Vps41-1	GATCAAGTACGTCCTCAACGAAC
Vps41-2	AATTCTGCAGATATCCATCACATGGCGGCATGTCGTTATAAGGTGTATAGGATG
Vps41-3	AATTCCAGCACACTGGCGGCCGTTACTAGTAGTTTGTATCGTTATGCATTTATA
Vps41-4	GCGCACACGTCTGCATTTATCCTGA

Vps41-5	GTCGTTTATCGAGGATGAGGAC
Vps41-6	TCAAGCCACATTACCCTTCTCT
Vps41-7	TACAGCAGATTA AAAAGGTCGGATAC
Vps41-8	TCTTGGTCTTACAAGATCATTAGCC
NAT3L	GCCACTCGAATCCTGCATGCTTATGTGAGT
NAT5R	CAGCAACGCCGTTGAATCCTCAGGATCTTCA

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6 **Supplemental Table S2. Primers for constructing gene fusions for Cft1-mCherry, Vps3-**
7 **mCherry and Vam3-mCherry expression.**

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Primer name	Sequence (5'→3')
Cft1-mChe-1F	GACTGGAGATGGGCCTGGTTTCGTTCCA
Cft1-mChe-1R	TCCTCCTCGCCCTTGCTCACCACATGCCTCCCCAACGCCGCAACG
Cft1-mChe-2F	CGTTGCGGCGTTGGGGAGGCATGTGGTGAGCAAGGGCGAGGAGGA
Cft1-mChe-2R	ACACACTTCATACGATGGGCATGTACCACGACGTTGTAAAACGACGGCCAG
Cft1-mChe-3F	CTGGCCGTCGTTTTACAACGTCGTGGTACATGCCCATCGTATGAAGTGTGT
Cft1-mChe-3R	TGCGCATCATGACACGGCGGGAATGGT
Vam6-mChe-P1F	ACATCCTTCCTCTCCTCCATCGACCGAA
Vam6-mChe-P1R	ATGTTATCCTCCTCGCCCTTGCTCACCACCATTCTCTGATCCGTCACCCTTACCCTC
Vam6-mChe-P2F	GAGGGTAAGGGTGACGGATCAGAGAATGGTGGTGAGCAAGGGCGAGGAGGATAA CAT
Vam6-mChe-P3R	GCCCAGTCTCTTGTGGCATTGCGGACATCTGTACGACGTTGTAAAACGACGGCCA GT
Vam6-mChe-P4F	ACTGGCCGTCGTTTTACAACGTCGTGACAGATGTCCGCAATGCCACAAGAGACTG GGC
Vam6-mChe-P4R	CCTAATACCCAAACTGTAGGATACTACTCGGT
Vam6-mChe-PO-9F	CACAGCCGACGAACCCGAGATCGA
Vam6-mChe-PO-10R	AGCCGTGAGTCCCTTTTTGAGGAATGGTTA
Vps3-mChe-P1F	TGCAGGAATCAAGGGCAAGGAGAGGGAAACGT
Vps3-mChe-P1R	ATGTTATCCTCCTCGCCCTTGCTCACCACGACATGGCGTGTCCGGCCAGCATCAAT TCCCCG
Vps3-mChe-P2F	CGGGGAATTGATGCTGGCCGGACACGCCATGTCTGGTGAGCAAGGGCGAGGAGG ATAACAT
Vps3-mChe-P3R	ACAACAGTATTACAATATGATACAGTGGTGATCACGACGTTGTAAAACGACGGCC AG
Vps3-mche-P4F	CTGGCCGTCGTTTTACAACGTCGTGATCACCCTGTATCATATTGTAATACTGTTGT
Vps3-mche-P4R	ATGCGAATGGTAGTGAAGCGAGTACAGGGA
Vps3-mche-PO-9F	GTAGACGATGGTGTCAAATACCAT
Vps3-mChe-PO-10R	CCGACTATAACAAATGGAGAGCGAGA

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12 **Supplemental Table S3. Primers used for quantitative PCR to examine gene expression in**
13 **the WT strain and the *vps3Δ* and *vam6Δ* mutants.**

Primers	Sequence (5' to 3')
Cft1For	GGATATAAATCCGCCGCTCTT
Cft1Rev	TTCCTTGGCCCTCTTCTCTC
SIT1For	GCCGCCATTTGGACCAA
SIT1Rev	GCACGGAGGAGGTCGTTGTA
ACT1For	CCACACTGTCCCCATTTACGA
ACT1Rev	CAGCAAGATCGATACGGAGGAT
PHO89-f	AGCTGGGATCGTCCATCACT
PHO89-r	GTGCTGACAGGGATGCCATA
cf01-f1	GGACCTTGGCCGCTCAA
cf01-r1	CAAGCGCGCCAATCG
CIG1For	GGTGGTCCGGTTTCCTTCA
Cig1Rev	GACTCGTGGTCGTGCATAACA

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