



**Figure S1. The knockout strategies of MoVps13.** (A) The transformants were screened by PCR for the targeted gene using the  $\beta$ -tubulin gene as a positive control. A characteristic band was amplified from the wild-type strain, indicating the presence of targeted gene, whereas this band was absent from the null mutants. (B) The transformants were screened by PCR for a unique recombinational DNA fragment marked as a knockout event. A 1.2-2.0 kb band was amplified from the null mutants, whereas this band was absent from the wild-type strain.

**Table S1 Primers used in this study**

Gene Name	Sequences
MoVps13_upF:	AGGCTAACTGACACTCTAGAACAATGGGCTCGAAGAACTGGT
MoVps13_upR:	TGTTGACCTCCACTACTTAGAAGTCAAGGCAGC
MoVps13_downF:	GGAATAGAGTAGATGGTTTAGCCCTGTGGACTGTTCT
MoVps13_downR:	CGACGGCCAGTGCCAAGCTTCTGACCCAAGCTCAACATGCC
MoVps13_upyzF:	GTGCCTTCTCTGCATATT
MoVps13_innerF:	GATCCTGCCCAGCTCAAAGTC
MoVps13_innerR:	GCTGACGGCGCTGAATTCCTTG
MoVps13_Pkd5_GFPF:	ATCAATCACAATGGCCATGTTGGAAGGGCTTGTGGC
MoVps13_Pkd5_GFPR:	CGCCCTTGCTCACCATCTCCAACGCTCTGAAGCGCCGAT
Tubulin_F	CCCATCGAAGCCCTTCGAAGG
Tubulin_R	CTCAACGACGGTGTCGGAAACC
Sec63_Pkd5_GFPF:	ATCAATCACAATGGCCATGAGTAGCGACTACTCATACG
Sec63_Pkd5_GFPR:	CGCCCTTGCTCACCATAGACTCATCCTCAGTGTC