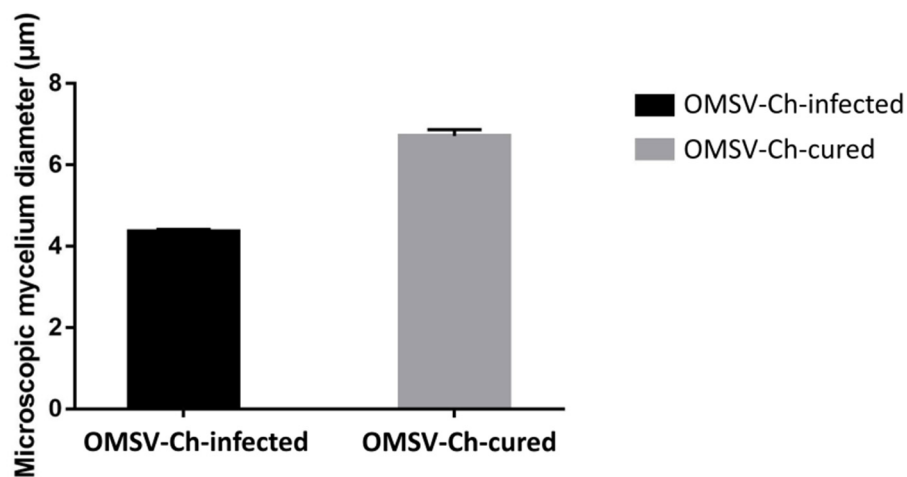


**Table S1.** Sequences of primers used in this study.

Primer	Sequence (5'-3')	Note
OMSV-CPF	ATGTCTACTCCTACCCCCCAGGA	RT-PCR detection for OMSV [14]
OMSV-CPR	TCATATGACGCCGTATCCAAGTCC	
OMSV-4959F	TACCCCCCAGGATCTCAAGCTTCT	RT-PCR detection for OMSV-Ch (Newly design)
OMSV-5605R	TGAAAGCGCGTCCATCAGAACCATTC	
OMSV-5F	CGTTGCTCACTGTGTCCCACTGCTCCCGGC	RT-PCR amplification for OMSV-Ch (Newly design)
OMSV-2888R	AGACCGCCGCAACTGGAAAA	
OMSV-2821F	GTCACGGCGCAGAACGCACG	RT-PCR amplification for OMSV-Ch (Newly design)
OMSV-3R	ATGTAAACCATATACCAAAC	
OMIV-1F	AACATTGTTGATCACGCTCT	RT-PCR detection for OMIV (Newly design)
OMIV-1R	GGCTTCAGAATAAAGATTGT	
PV-RDRPF	CCNNTNCAYTTTRYNGA	RT-PCR detection for PoV-ASI2792 [23]
PV-RDRPR	SWRTCARNRNSWYTGNGT	
SN-F	ATAGAATTCAAAAATACTTGTCATCCC	RT-PCR detection for PoV-SN [24]
SN-R	ATAGAATTCCTAAACAAATAGACGTTG	
POSV-1F	AAACTCCTTGGTGCCCTCAA	RT-PCR detection for POSV (Newly design)
POSV-1R	ATTGTGAAAAAAGACTTGTA	
PoV1-F	ATCAAATCTTCCCTCTCCGA	RT-PCR detection for PoV1 (Newly design)
PoV1-R	CGGTAGGTATTGCGGATATT	
actin-F	AGTCGGTGCCTTGTTAT	RT-qPCR detection for actin gene [28]
actin-R	ATACCGACCATCACACCT	

**Figure S1.** Microscopic observation of the mycelium diameters the OMSV-Ch-infected and OMSV-Ch-cured *P. ostreatus* strains. Statistical analysis was performed using Student's *t* test.