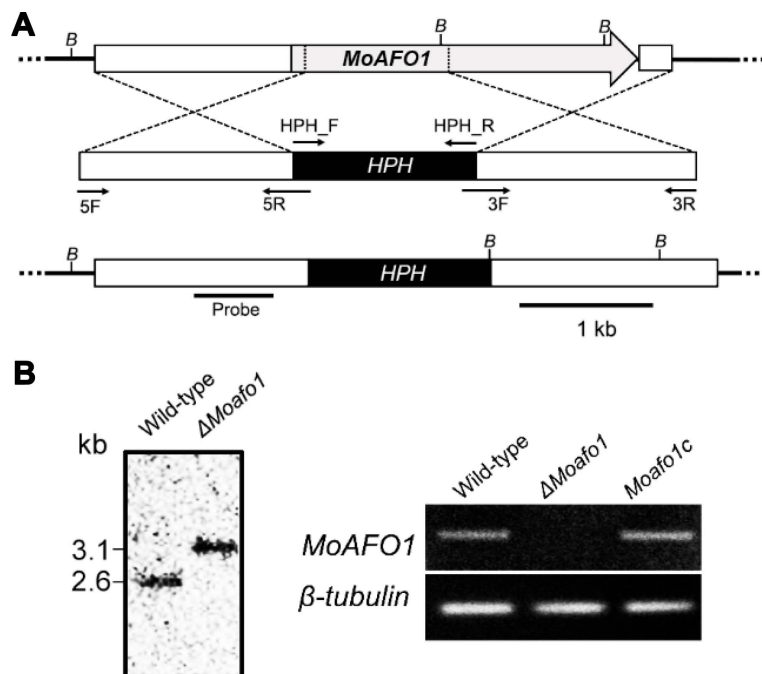


Supplementary Table 1. Primers used in this study primers

	Sequence (5' → 3')
afo1_5F	CCATTGTCAGTTTGGTGACATTT
afo1_5R	CCTCCACTAGCTCCAGCCAAGCCCTCCAAAGTCCATGTTCCATGAT
afo1_3F	GTTGGTGTTCGATGTCAGCTCCGGAGGATGCTTTGTTCAGATCCTCGAA
afo1_3R	CATGCACTACCTAAAGCCTCTC
afo1_NF	CCAAGGTAGGTACACACTTCTT
afo1_NR	GAAAGAGAAAAGAGAGAAAAGCCAAG
afo1_SF	CCGATCAACACAAGCATCAAC
afo1_SR	GGTGATGAAGGAGAGGAAAAGAC
afo1_RTF	CTTCGCCCTCTTCAACTTCA
afo1_RTR	CCATCCTGTATGCGACACC
afo1_cmF	GACGCTGTTATCATCATCACTTG
afo1_cmR	AATCGCATTGCACCGAAAATC
afo1_PF	CCTATGCTACGTACCTCCACTA
afo1_PR	TGATCTTCATCCGAGTCCAAAC
afo1_qRTF	CTCGCCGATAATGCCCTATAC
afo1_qRTR	GATCTGCAGAGACTCGTTGAC
HPH_F	GGCTTGGCTGGAGCTAGTGGAGG
HPH_R	CTCCGGAGCTGACATCGACACCAAC
β-tubF	TCGACAGCAATGGAGTTTAC
β-tubR	AGCACCAGACTGACCGAAGAC
Afo1_half attB_F	AAAAAGCAGGCTTA GCTCGTACCCCCACCGTTTC
Afo1_half attB_R	AGAAAGCTGGGTA GGCACACAAAAAGTTCGAGGCC
attB_F1	GGGGACAAGTTTGTACAAAAAAGCAGGCT
attb_R1	GGGGACCACTTTGTACAAGAAAGCTGGGT



Supplementary Fig. 1. Knock-out mutant generation. (A) Schematic diagram of knockout of *MoAFO1* gene. The wildtype *MoAFO1* gene was replaced with hygromycin resistance (*HPH*) gene cassette. B indicates the restriction site of *Bam*HI. (B) Confirmation of mutants by Southern hybridization (on left) and cDNA amplification (on right).