

**Table S2.** Plasmids used in this study.

Constructed plasmids	DNA template	Primer sequences
pESWA (Islam et al., 2005)		
pWX-WB-MSD1-RNAi	pME18SFL-3[AK070528] (pOsMSD1)	5'-CACCAGGAAAACCCTAGCCG-3' 5'-TCAAGCAGTCGCATTTTCGTACACC-3'
pH35GY (Kubo et al., 2005)		
pH35GY-(AAGCTT)-YFP	pME18SFL3[AK121320] (pOsEMP70)	5'-CACCAAGCTTGTTTCATGGAGATGTGTTTC-3' 5'-AAGCTTGCTCGGGGATCTGCCTTGGAA-3'
pH35GY-OsMSD1-YFP	pME18SFL-3[AK104160] (pOsMSD1)	5'-CACCATGGCGCTCCGCACGC-3' 5'-AGCAGTCGCATTTTCGTACACC-3'
pST-mRFP (Matsuura-Tokita et al., 2006)		
pWxTP-DsRed (Kitajima et al., 2009)		
pMT121-ARF1 T31N, pMT121-ARF1 Q71L, and pMT121-SAR1 H74L, (Takeuchi et al., 2000; 2002)		

**Table S3.** Real-time PCR primer sets

Target DNA	Primer sequences
<i>MSD1</i> (AK070528)	5'-AGGTGCTGCTTTACAAGGA-3' 5'-CCCAACAAAGGAACCAAGTT-3'
<i>18S rRNA</i> (AK059783)	5'-CTGGTGACGGGTGACGGAGAAT-3' 5'-CGCCTGCTGCCTTCCTTGG-3'