



Figure S1. Sample normality analysis by Q-Q plot. (a) Normal probability plots for the mean velocity of LDs movements in pollen tubes treated with oryzalin, brefeldin A, cytochalasin D, SMIFH2, latrunculin B and 2,3-butanedione monoxime (BDM). (b) Normal probability plots for the mean velocity of LDs movements in pollen tubes of WT and *myo11a1-1/myo11a2-1*, *myo11b1-1*, *myo11c1-1/myo11c2-1*, *myo11-2*, *myo11c1-1*, *myo11c2-1* mutants.