



Supplemental Figure 1. Double mutant of *mpk3*^{-/-}*mpk6*^{-/-} is embryo lethal. Nomarski images of cleared whole mount wildtype (A) and *mpk3*^{-/-}*mpk6*^{-/-} embryos (B) at late heart stage. The wildtype embryo has an organized linear cell file of the suspensor (false-colored as green). In the *mpk3*^{-/-}*mpk6*^{-/-} embryo (false-colored as yellow), cells are disorganized with no visible suspensor. Scale bar, 10 μ m.