

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Live imaging of an *lzt51*-overexpressing aRG-like cell showing the retraction of the apical process (Type A). (.mov file, related to Figure 6)

File Name: Supplementary Movie 2

Description: Live imaging of an *lzt51*-overexpressing aRG-like cell showing the retraction of the apical process followed by MST (Type B). (.mov file, related to Figure 6)

File Name: Supplementary Movie 3

Description: Live imaging of an *lzt51*-overexpressing aRG-like cell showing the 'MST from the apical surface' behavior after apical INM during G2 phase (Type C). (.mov file, related to Figure 6)

File Name: Supplementary Movie 4

Description: Live imaging of an aRG-like cell that underwent normal INM and divided at the apical surface (Normal). (.mov file, related to Figure 6)