



Fig. S2. Schematic representation of changes in the occurrence and arrangement of microtubules during septum formation in *Chaetomorpha moniligera*. A, cortical microtubules (cmt) are arranged parallel to the longitudinal axis of the cell before septum formation. B shows a circumferential band of the plasma membrane, where cortical microtubules are disconnected into two portions. Short microtubules (arrows) that arise from parts of the circumferential band occur just after the beginning of septum formation. C, centripetal ingrowth of a developing septum follows the invagination of the plasma membrane that started from the circumferential band in B. Brush-like microtubules (bmt) continuously are localized at the leading edges of the plasma membrane (LE) that are intruding toward the vacuole. D, radial and random arrangement of microtubules appear on the surface of the complete septum. This figure is based on Fig. 7 in Sekida and Okuda (2022).