Highlights

- A novel prestalk cell subtype, pstV\(^A\) is defined by reporter expression via the \textit{omt12} promoter
- Vegetative cells show heterogeneous and dynamic activity of the \textit{omt12} promoter
- The pstV\(^A\) cells are lineage-primed as vegetative cells
- The lineage-primed pstV\(^A\) cells are involved in cell aggregation and tip formation