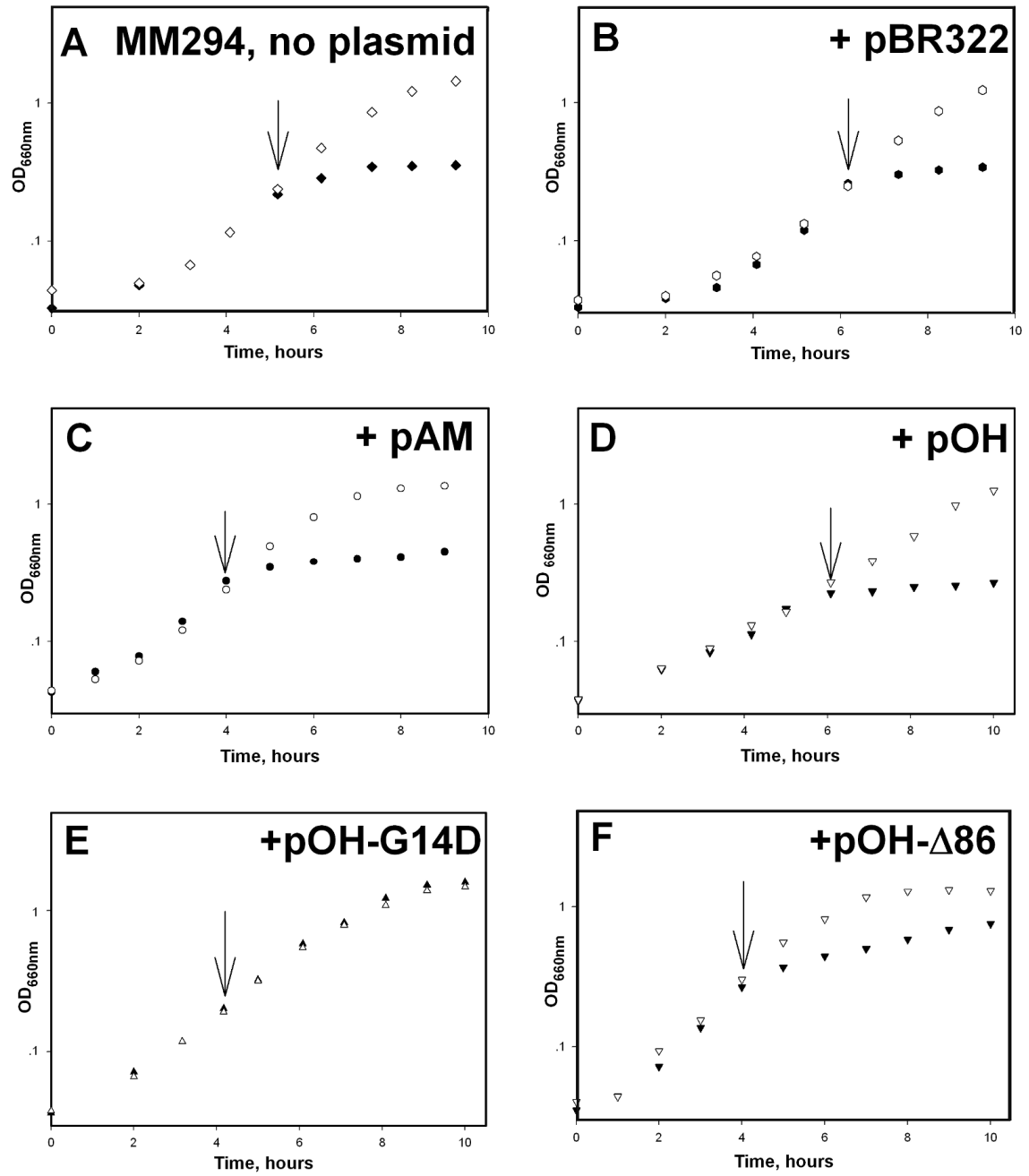


Supplementary Figure Legends

Supplementary Figure 1. Growth curves of MM294 cultures without (empty symbols) and with (full symbols) $20 \mu\text{g mL}^{-1}$ valine. Valine was added to the growth medium at the point marked with an arrow. **A.** MM294 without any plasmid. **B.** MM294/pBR322. **C.** MM294/pAM. **D.** MM294/pOH. **E.** MM294/pOH-G14D. **F.** MM294/pOH- Δ 86.

Supplementary Figure 2. SDS-PAGE analysis of MM294 cells after 16 hr growth in minimal medium. **A:** MM294/pBR322. **B:** MM294/pAM. Cells were collected by centrifugation, and SDS-PAGE sample buffer was added. **C:** Purified AHAS II. After 10 min at 100°C and centrifugation, the samples were applied to the electrophoresis gels.

Supplementary Figure 1



Supplementary Figure 2

