



Figure S7. Cellular defects in the *yejF* mutant bacteroids in *Medicago sativa* nodules. **A.** Transmission electron microscopy of wild type (WT) and *yejF* mutant bacteroids. The arrows indicate retracted inner membranes in the *yejF* bacteroids, "v" indicate vacuoles and "*" indicate an enlarged peribacteroid space found in the angle of a branched bacteroid. **B.** Ultrastructure of wild type (WT) and the *yejF* mutant bacteria in culture by transmission electron microscopy. Scale bars are 1 μm . **C.** Confocal microscopy of sections of nodules infected with wild type (WT), *yejE* or *yejF* mutant bacteria carrying the empty plasmid pSRK-Gm or the complementing plasmid pSRK-*yejABEF*.