



Supplementary Figure 1. Free-living growth of *S. meliloti* expressing *E. coli* methionine synthase and RNR. **A.** Growth of Rm1021 (squares), *methH::Tn5* (circles), and *SmMetE*⁺ (triangles) in M9 is shown in the presence (filled symbols) and absence (open symbols) of methionine (0.1 mg ml⁻¹). **B.** Growth of Rm1021 (squares), *SmNrdJ*⁺ (circles), and *SmNrdAB*⁺ (triangles) in M9 is shown in the presence (filled symbols) and absence (open symbols) of HU (1 mM). **C.** HU is bacteriocidal in *SmNrdAB*⁺. Viable cells (colony forming units) in cultures grown for 24 h in M9 (black bars) and M9 containing 1 mM HU (gray bars) are reported as the percentage of the colony number in the absence of HU.