

Figure 1. Detection of surface layer protein on outer membrane vesicles of *A. veronii* Hm21 (A) A surface layer protein, AvsA, surrounds the OMV membrane. The white arrows indicate the AvsA protein in the parental Hm21RS strain, which exhibits a well-defined external crystalline structure. (B) The Hm21RS $\Delta$ avsA strain, in which the knockout of avsA resulted in the loss of the external crystalline structure, indicates the importance of AvsA in maintaining this feature. (C) The complemented strain Hm21RSK $\Delta$ avsATn7::avsA, in which the crystalline structure was restored. Scale bars: 50 nm.

