Supplementary Fig. S1. Expression and purification of recombinant NbHXK2 protein. A – SDS-PAGE analysis of expressed recombinant protein. M – protein molecular marker; 1 – recombinant bacteria without induction; 2 – recombinant bacteria induced with IPTG; 3 – ultrasonic supernatant of induced recombinant bacteria; 4 – ultrasonic precipitation of induced recombinant bacteria; B – DS-PAGE analysis of purified recombinant protein. M – protein molecular marker; 1 – ultrasonic precipitation without NTA column purification; 2 – flow-through; 3 – recombinant protein was eluted by elution buffer containing 20 mM imidazole; 4–6 – recombinant protein was eluted by elution buffer containing 500 mM imidazole.
Supplementary Fig. S2. Subcellular localisation of hexokinase-2 in *N. bombycis* Nägali, 1857 at different developmental stages. All the images are merge of phase and green fluorescence photos. White arrow show the hexokinase-2 on the plasma membrane. A – dormant spores; B – spore undergoing germination; C – proliferative cell; D – during sporulation; E – spore maturation.