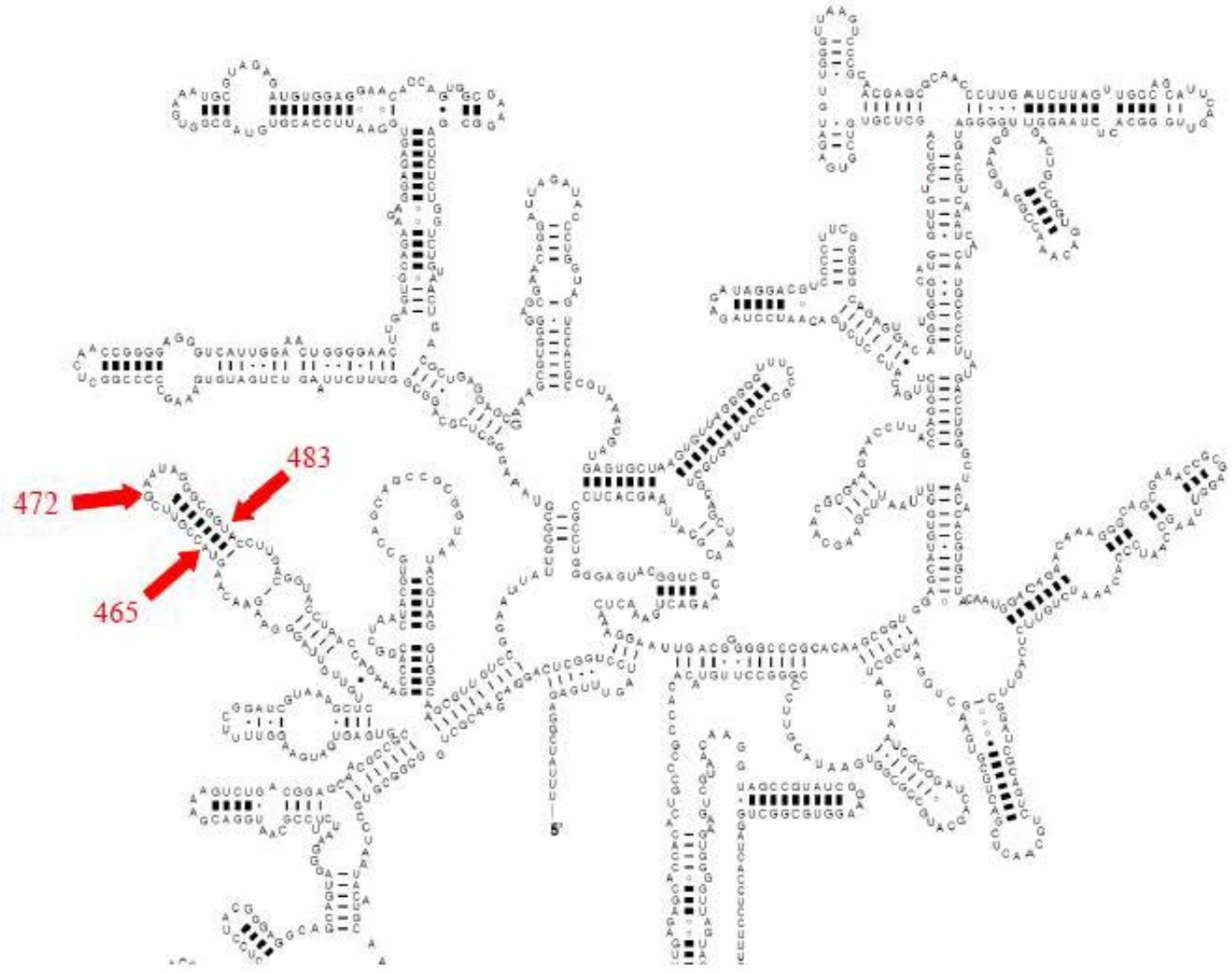

Fig. S1. *Bacillus subtilis* 16s rRNA gene and section used for FISH probe design (modification of Noah *et al*., 2000).

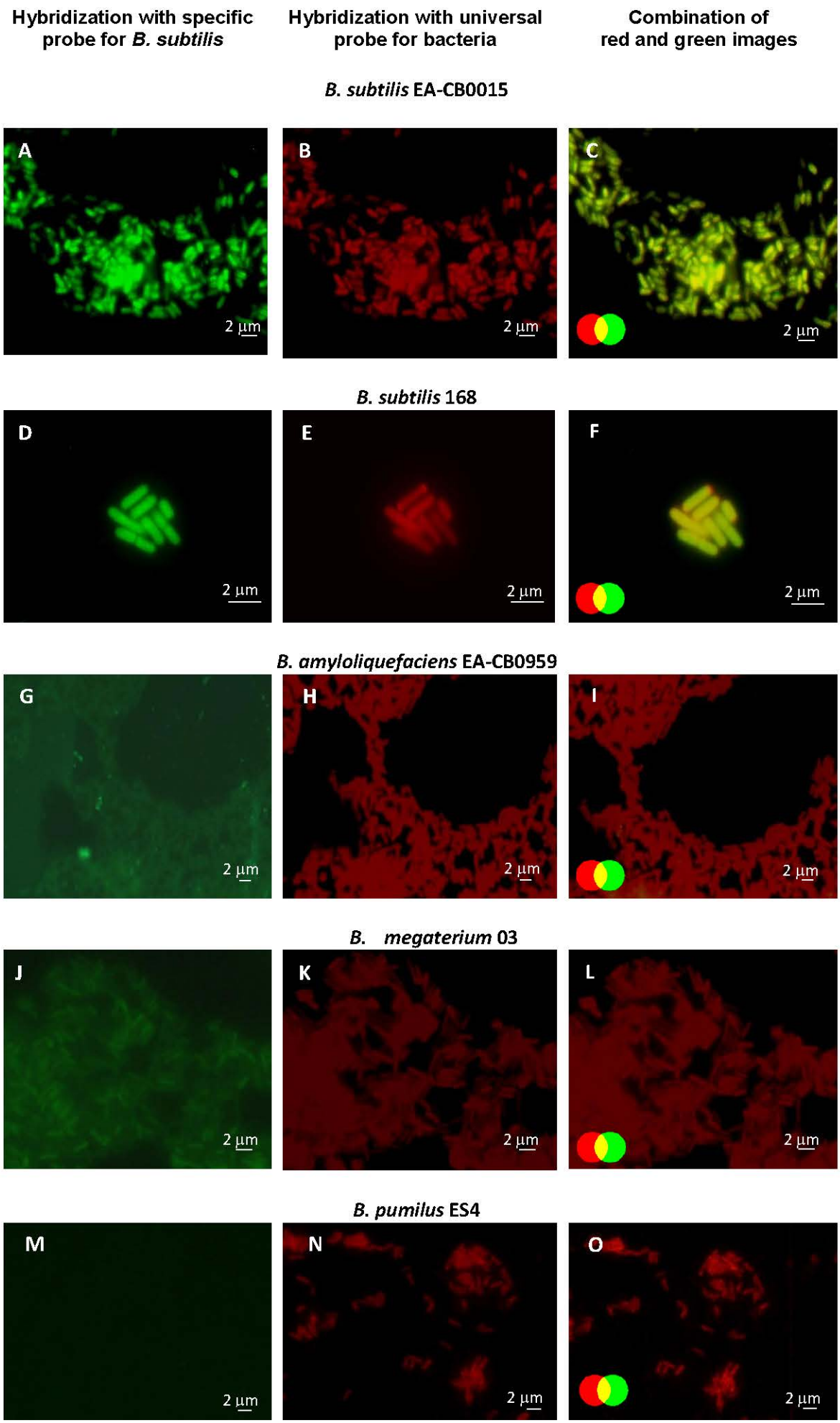

Fig. S2. FISH evaluation for *Bacillus* species *B. subtilis*, *B. amyloliquefaciens*, and *B. megaterium* and the phylogenetic foreign strain *Azospirillum brasilense* CD.

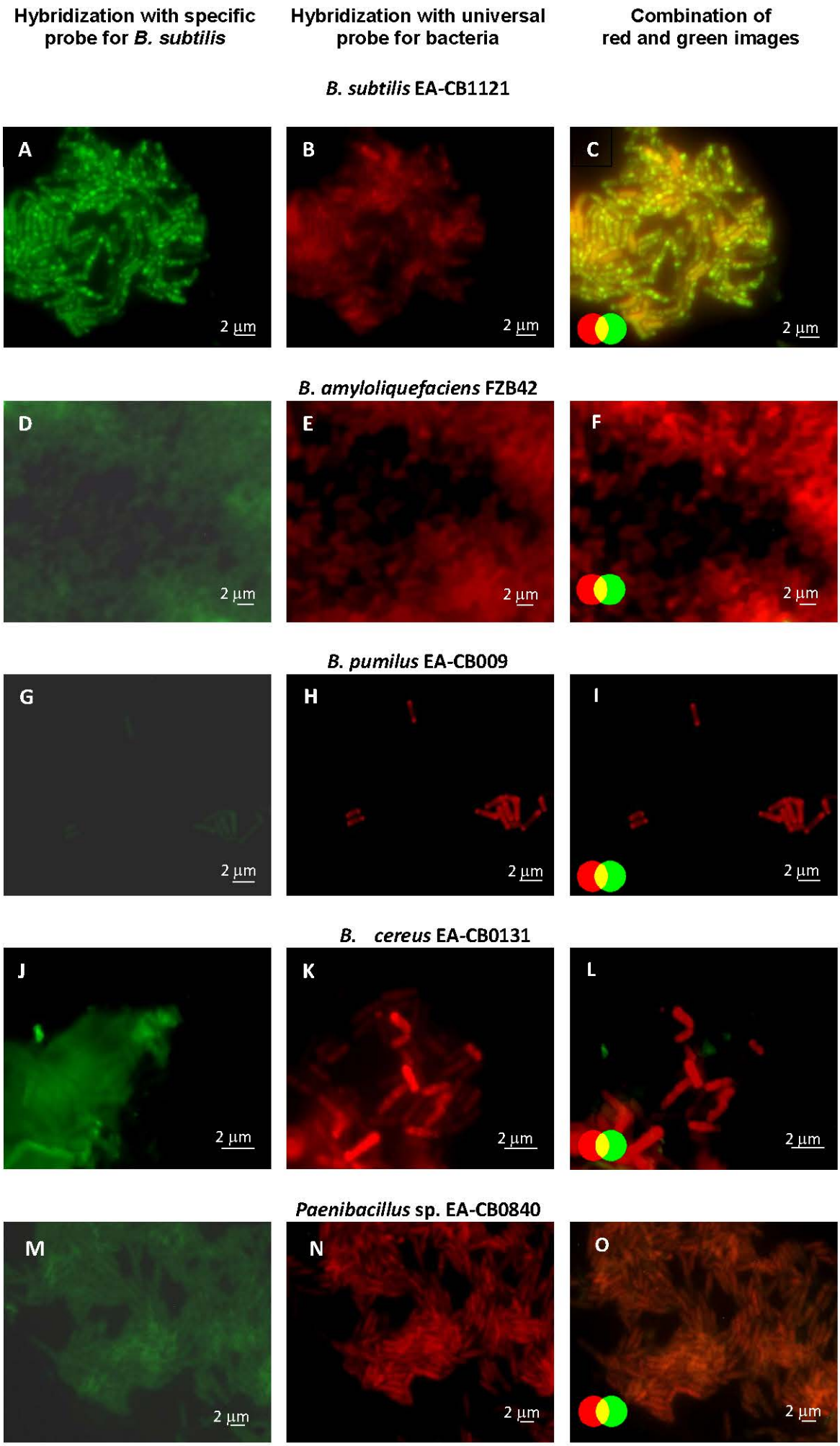

Fig. S3. FISH evaluation for *Bacillus* species: *B. subtilis*, *B. amyloliquefaciens*, *B. pumilus*, **B. cereus**, and *Paenibacillus* sp.

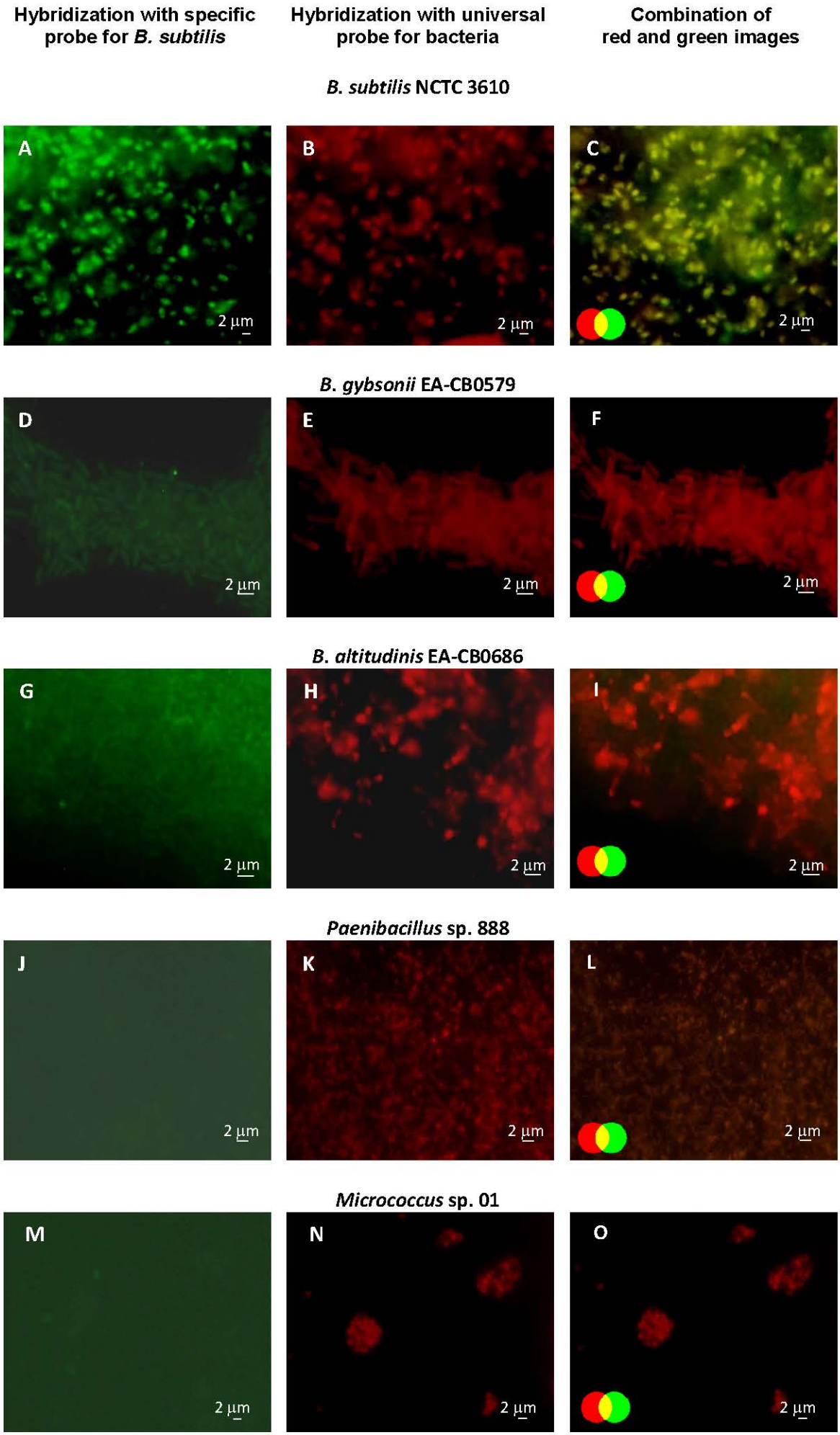

Fig. S4. FISH evaluation for *Bacillus* species: *B. subtilis*, *B. gybsonii*, *B. altitudinis*, and phylogenetic foreign strains *Paenibacillus* sp. and *Micrococcus* sp

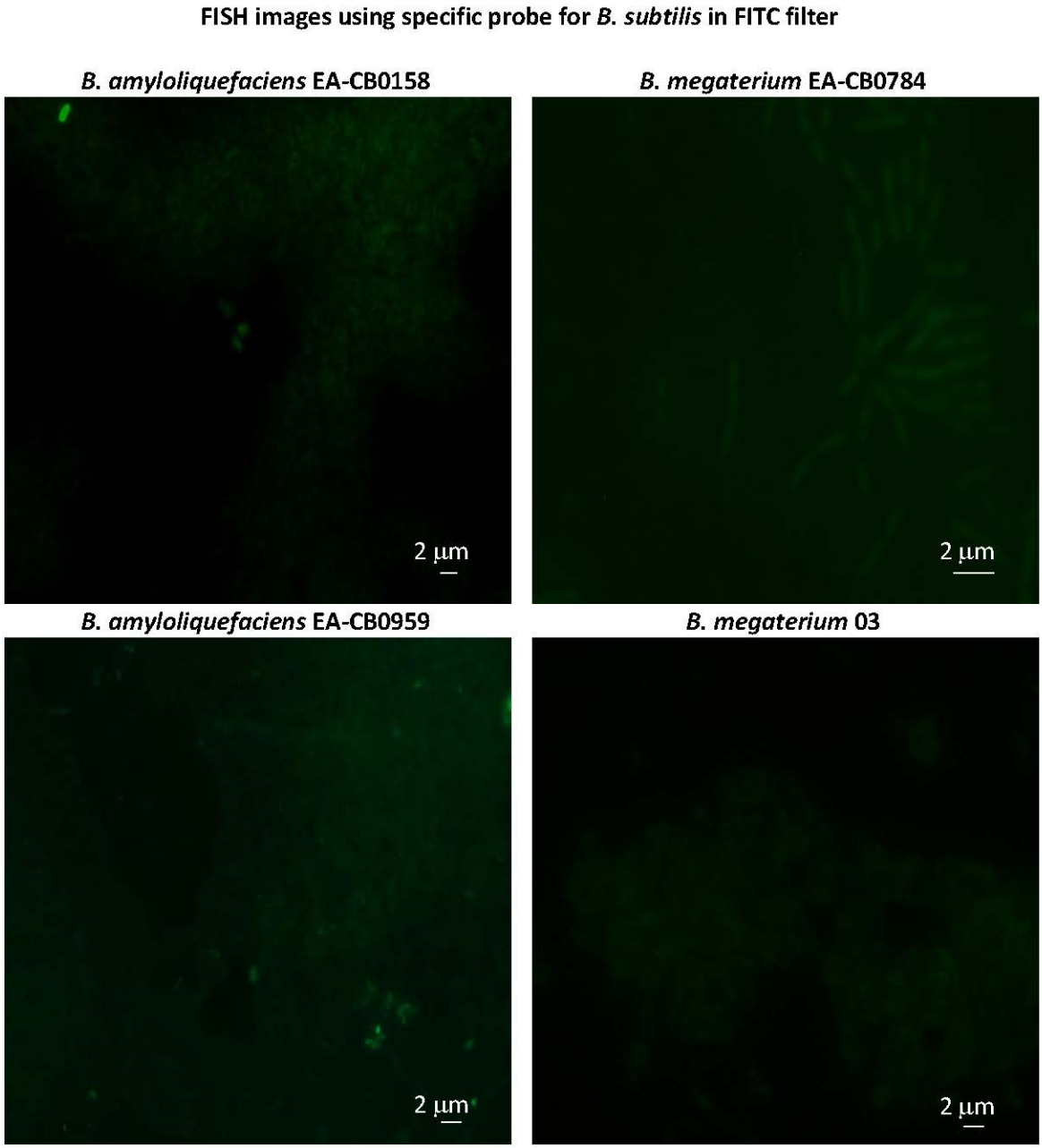

Fig. S5. Original green images of *Bacillus amyloliquefaciens* and *Bacillus megaterium* strains in the FITC filter.