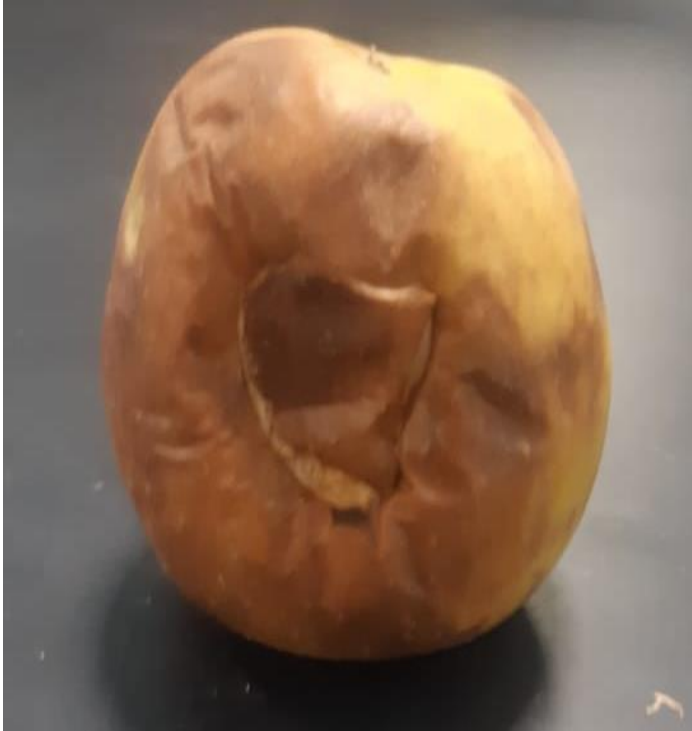


a.



b.



Figure S1. Isolation source and initial isolation, deteriorated apple fruit (a); microorganisms obtained from rotten apple (b). The red arrow indicated the most abundant bacterial isolate obtained, which was then selected for the subsequent studies.