

Figure S1. Callus induction process of *C. lanceolata*. A refers to the immature cones of *C. lanceolata*; B refers to the peeled state of seeds taken from immature cones; C refers to the state of callus induced by peeled seeds; D refers to the embryogenic callus induced by *C. lanceolata*.

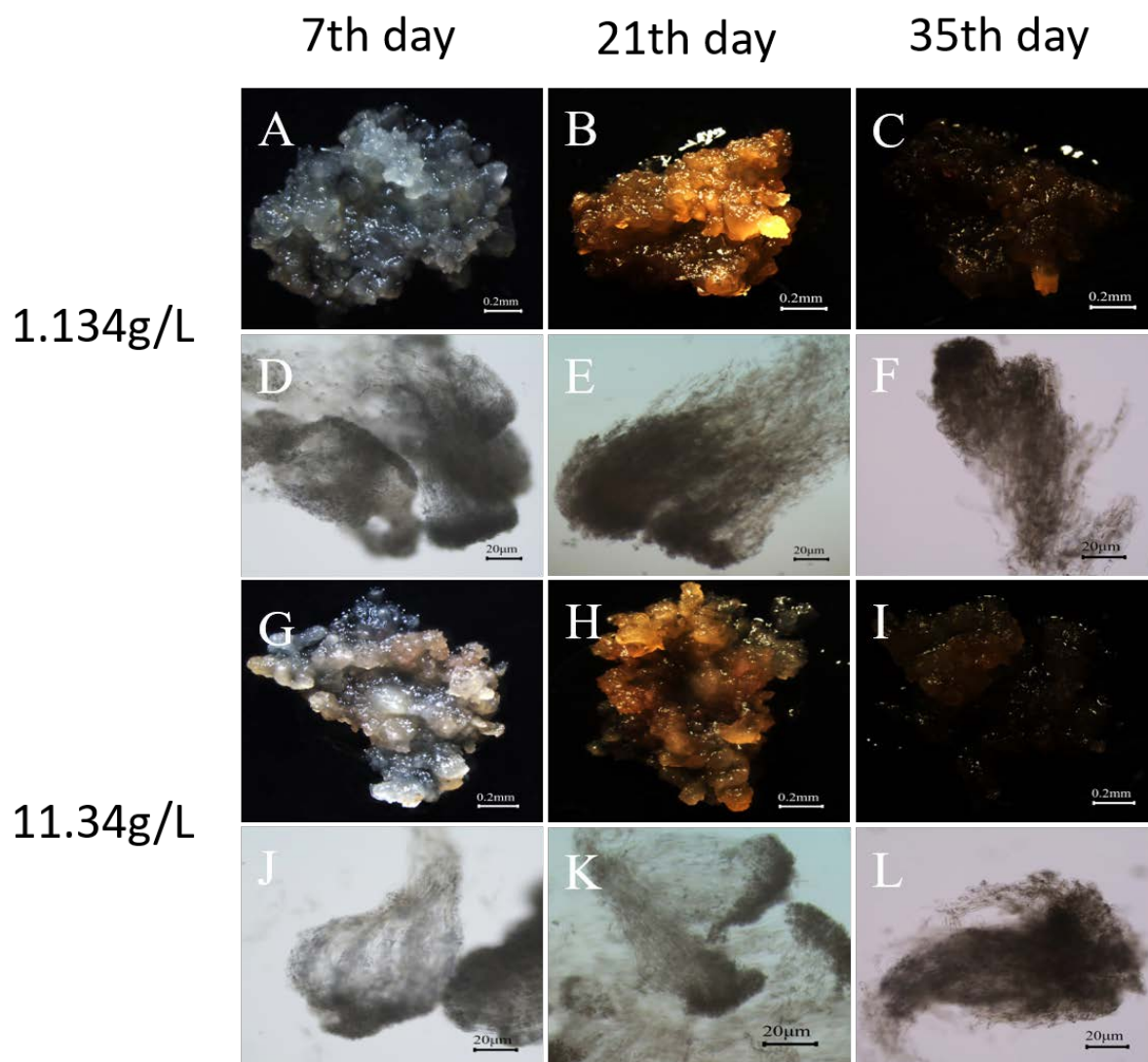


Figure S2. The PEM state and ESM structure of FD_{1.134} and FD_{11.34} at day 7, 21 and 35th, respectively.