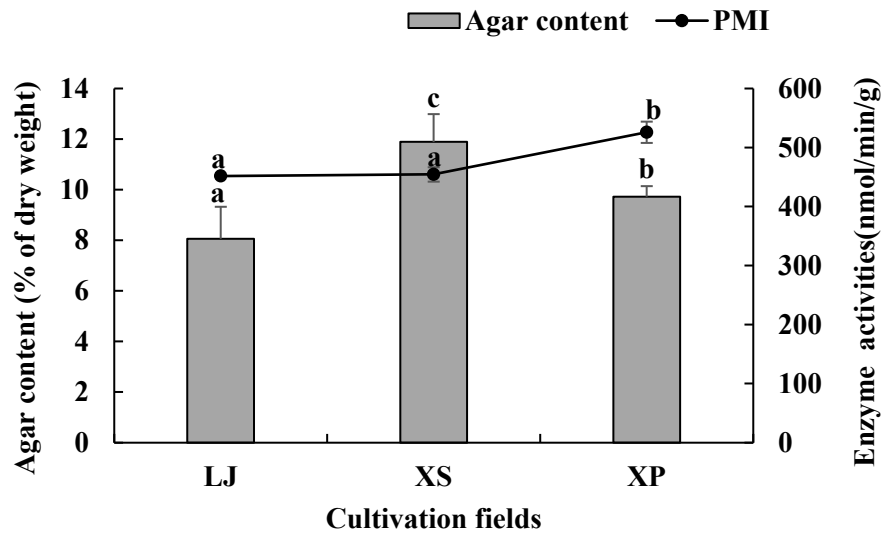
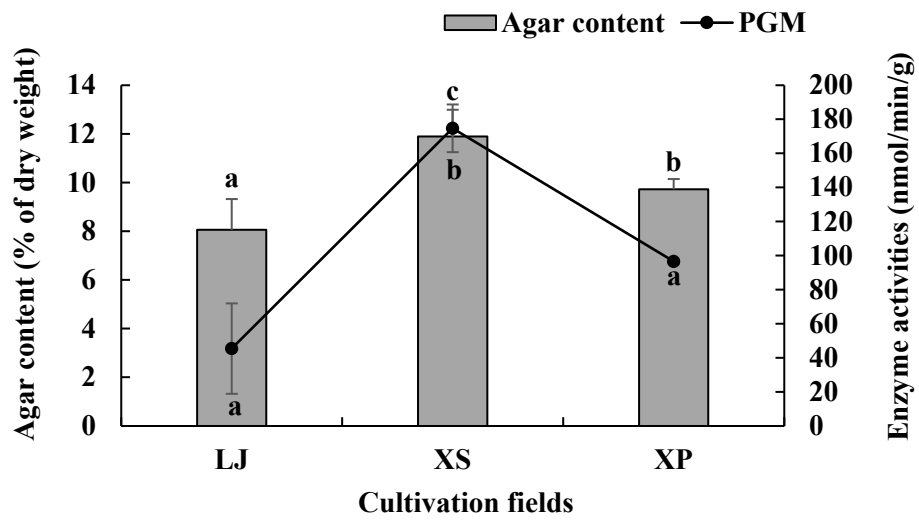


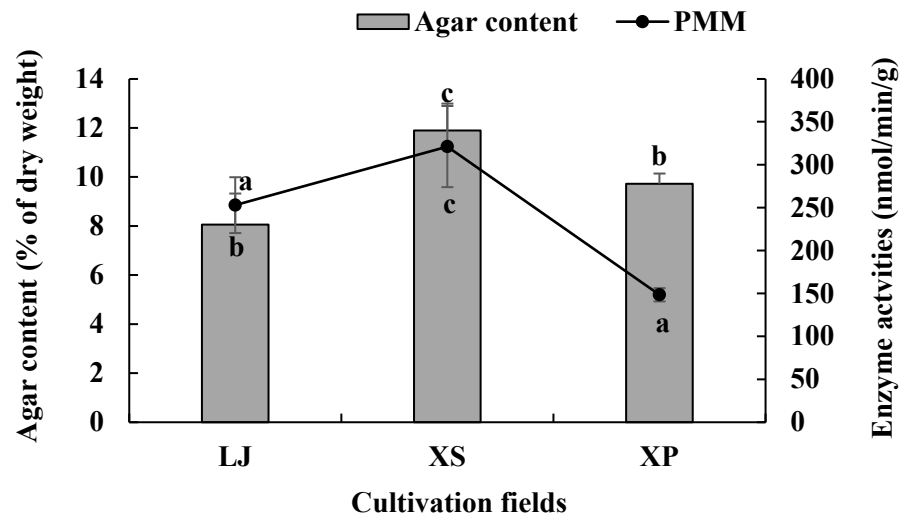
A



B



C



D

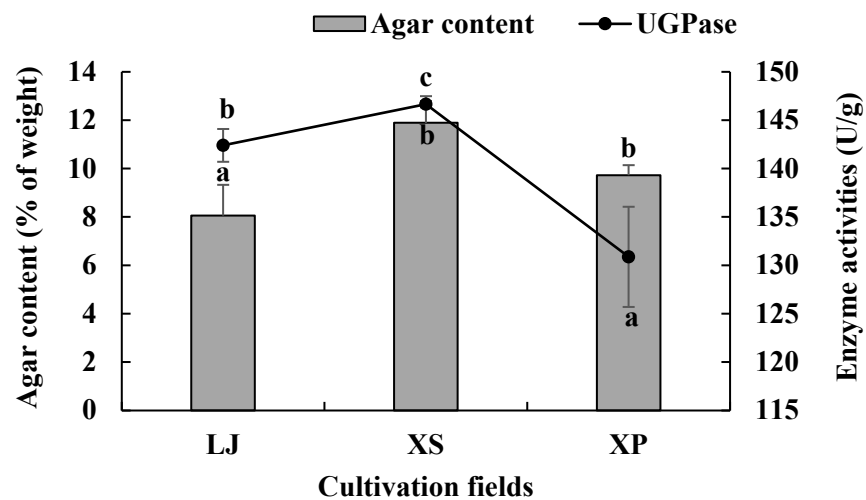


Figure S3 The changes of enzymic activities and agar contents in agar biosynthesis pathway in *Gracilariopsis lemaneiformis* in different cultivation fields. LJ, Lianjiang; XS, Xiangshan; XP, Xiapu. A: PMI, mannose-6-phosphate isomerase; B: PGM, phosphoglucomutase; C: PMM, phosphomannomutase; D: UGPase, UDP-glucose pyrophosphorylase. The lowercase and capital letters represent significant difference of agar contents and enzymic activities in different cultivation fields, respectively ($p < 0.05$).