

Supplemental material

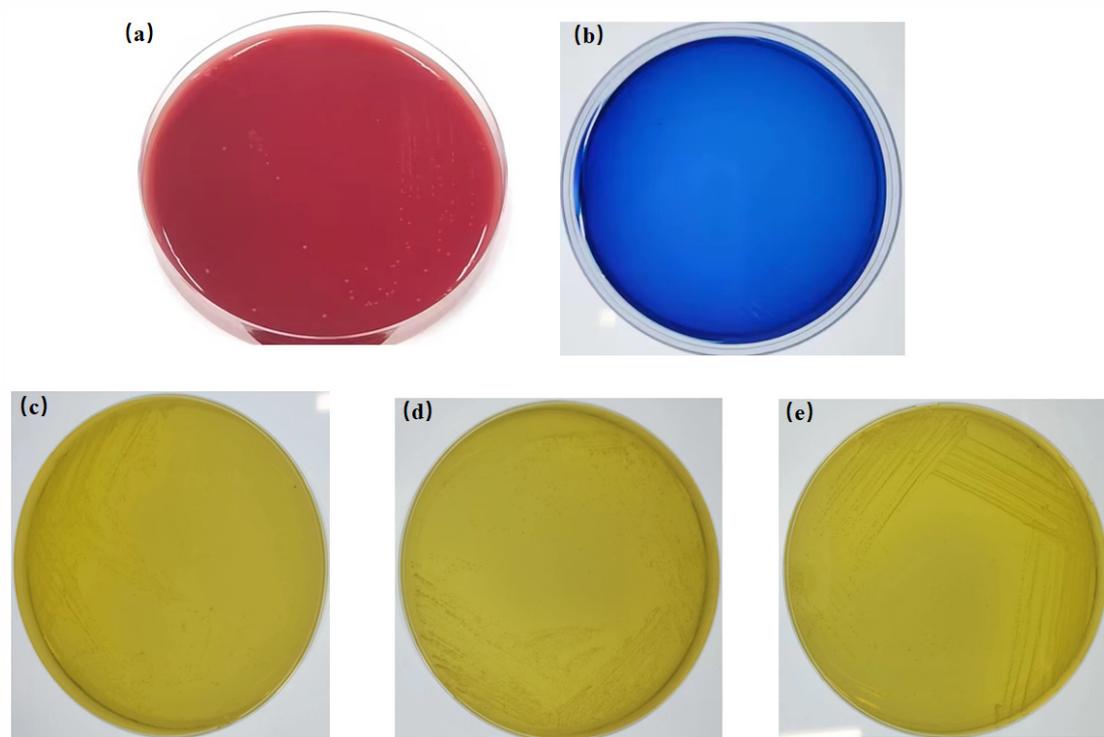


Figure S1. (a) Hemolysis test, (b) DNase production and (c) Biogenic amine production of (c) arginine, (d) lysine and (e) histidine for *Lactobacillus brevis* S3.