

**Changes of Phytochemical Components (Urushiols, Polyphenols and Gallotannins)
and Antioxidant Capacity during *Fomitella fraxinea*-mediated Fermentation of
Toxicodendron vernicifluum Bark**

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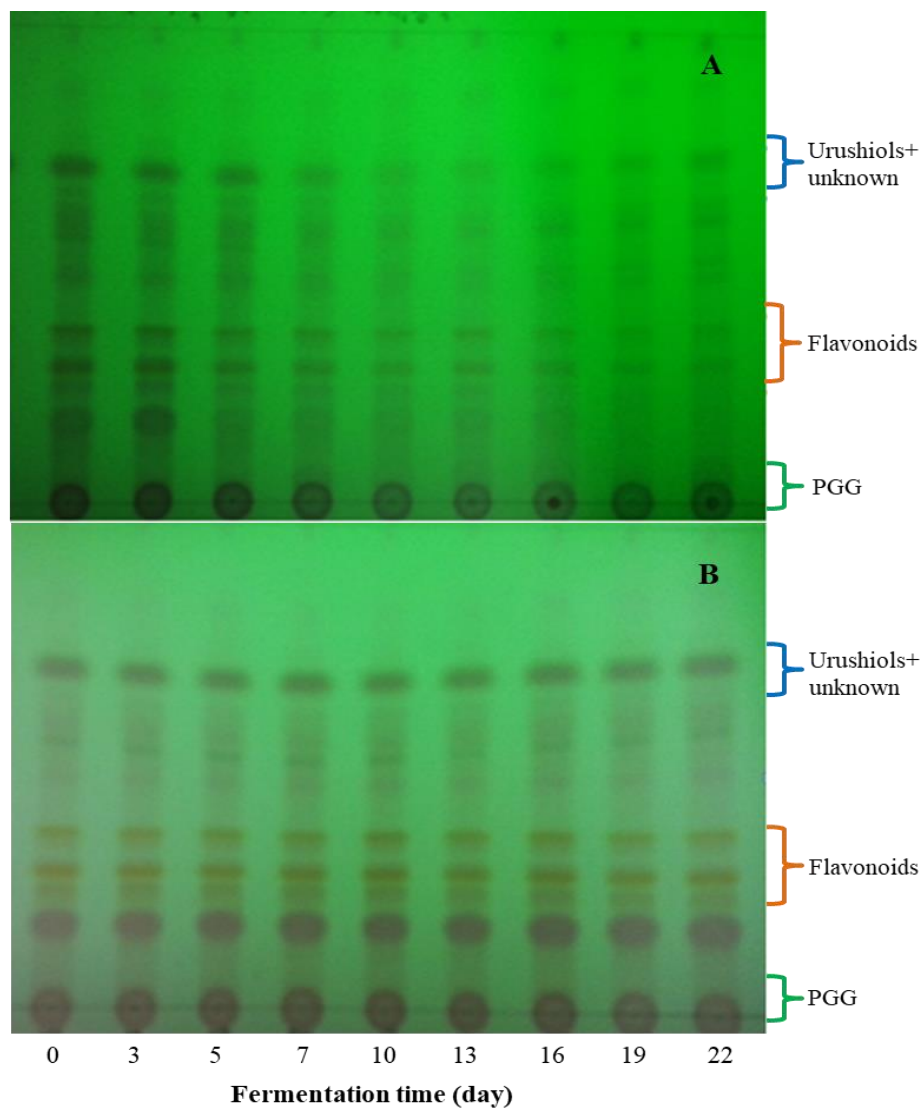


Figure S1. Profile comparison of thin layer chromatography (TLC) during 22 days fermentation of TVSB by *F. fraxinea*. **A**, fermentation during 22 days at 25 – 26 °C after *F. fraxinea* inoculation; **B**, fermentation during 22 days at 25 – 26 °C without *F. fraxinea* inoculation. TLC was performed on silica gel 60 F₂₅₄ with chloroform–methanol–water (65:35:10, v/v/v, lower phase) as the developing solvent. The spots were detected at UV (254 nm).

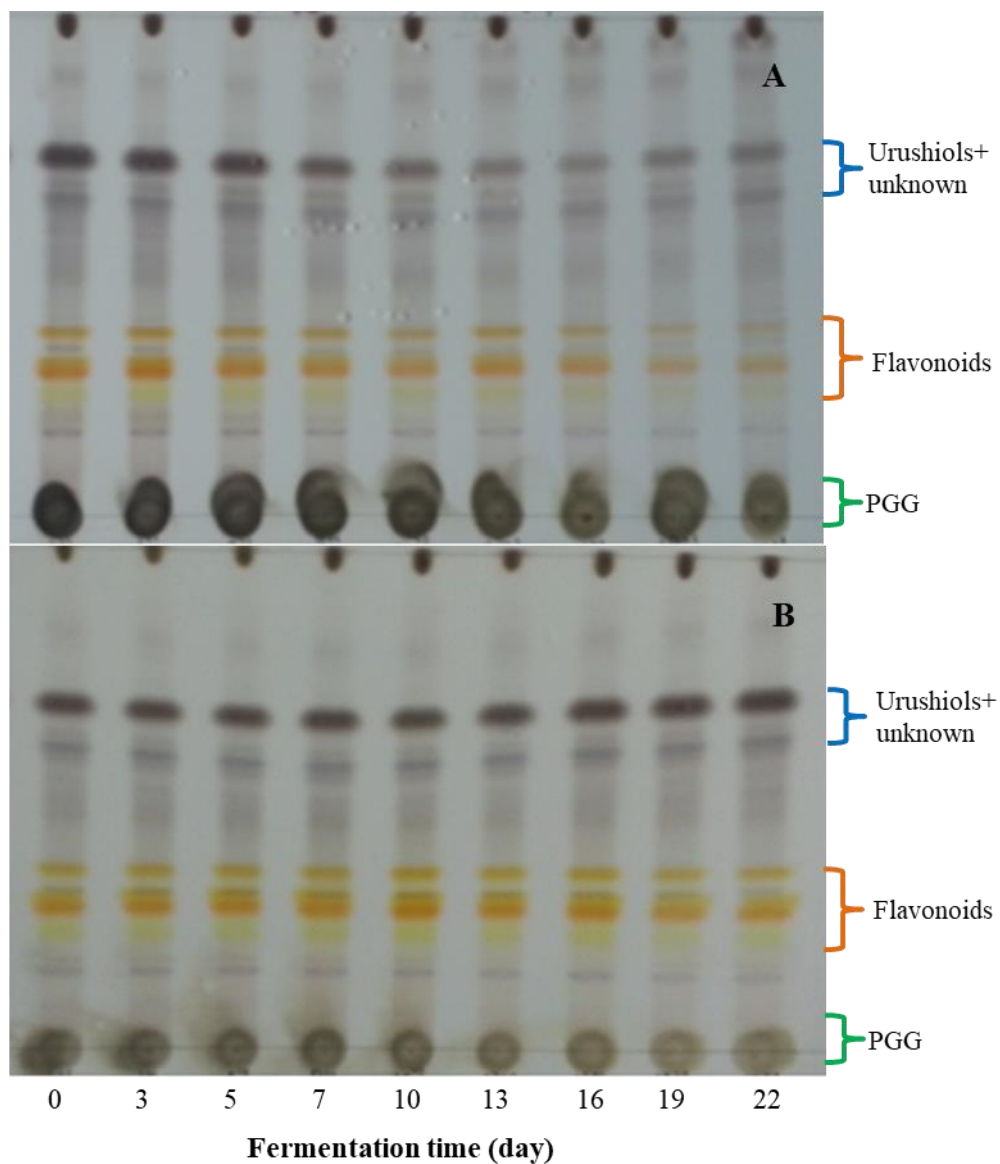


Figure S2. Profile comparison of thin layer chromatography (TLC) during 22 days fermentation of TVSB by *F. fraxinea*. **A**, fermentation during 22 days at 25 – 26 °C after *F. fraxinea* inoculation; **B**, fermentation during 22 days at 25 – 26 °C without *F. fraxinea* inoculation. TLC was performed on silica gel 60 F₂₅₄ with chloroform–methanol–water (65:35:10, v/v/v, lower phase) as the developing solvent. The spots were detected by spraying 10% CuSO₄ in 8% sulfuric acid, followed by heating at 110 °C for 10 min.

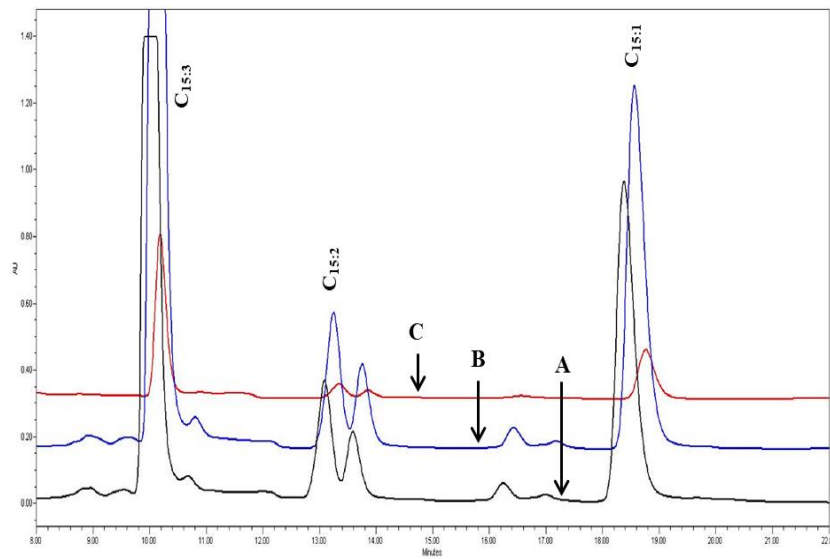


Figure S3. Profile comparison of HPLC of urushiols after 22 days fermentation of TVSB by *F. fraxinea*. **A**, 0 day (after sterilization at 121 °C for 30 min); **B**, after 22 days without *F. fraxinea* inoculation; **C**, after fermentation during 22 days after *F. fraxinea* inoculation.

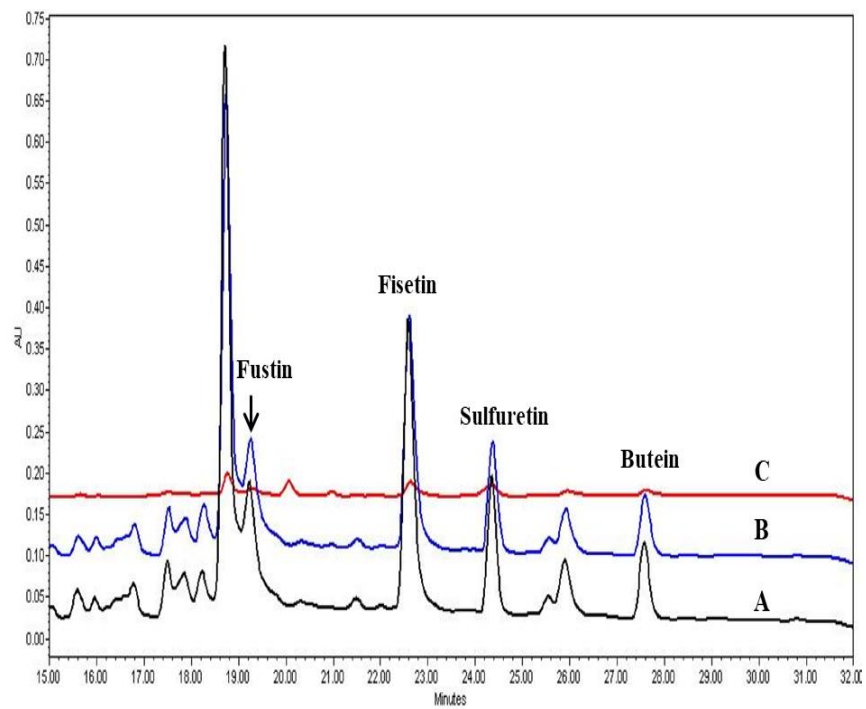


Figure S4. Profile comparison of HPLC of flavonoids after 22 days fermentation of TVSB by *F. fraxinea*. **A**, 0 day (after sterilization at 121 °C for 30 min); **B**, after 22 days without *F. fraxinea* inoculation; **C**, after fermentation during 22 days after *F. fraxinea* inoculation.