

# **Genetic and fiber diet-mediated changes in antibiotic resistance genes in pig colon contents and feces and their driving factors**

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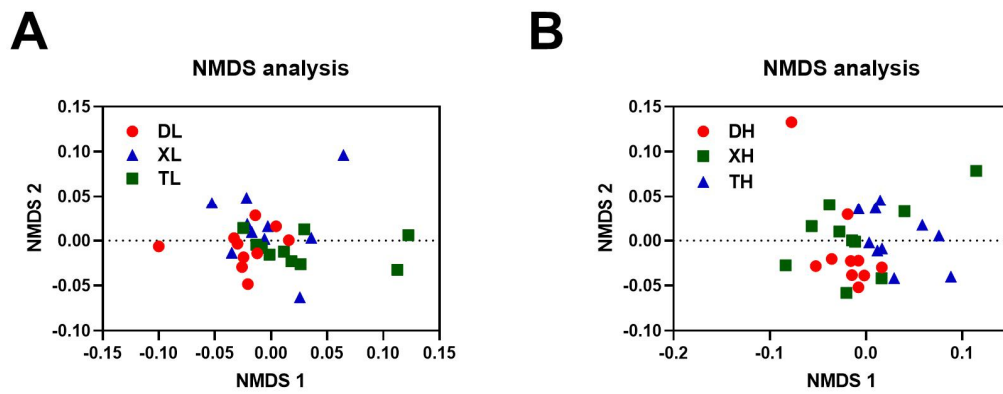
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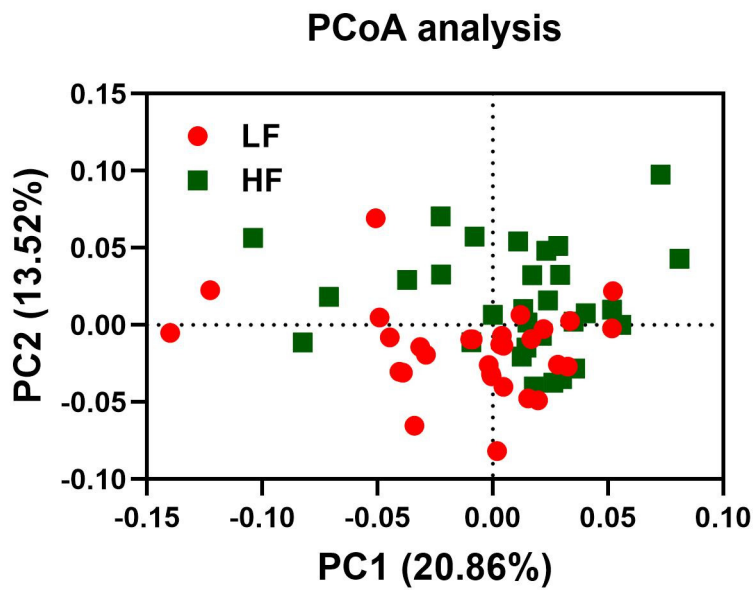
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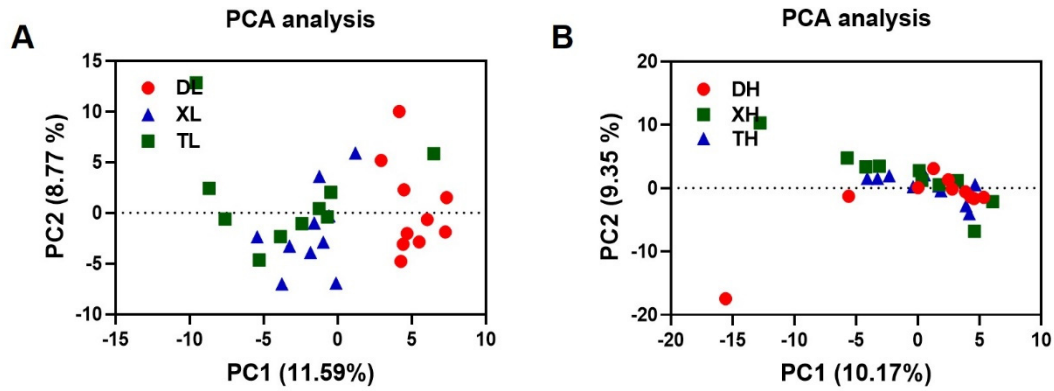
Keywords: Antibiotic resistance genes (ARGs); pig; High fiber; colon contents; Feces



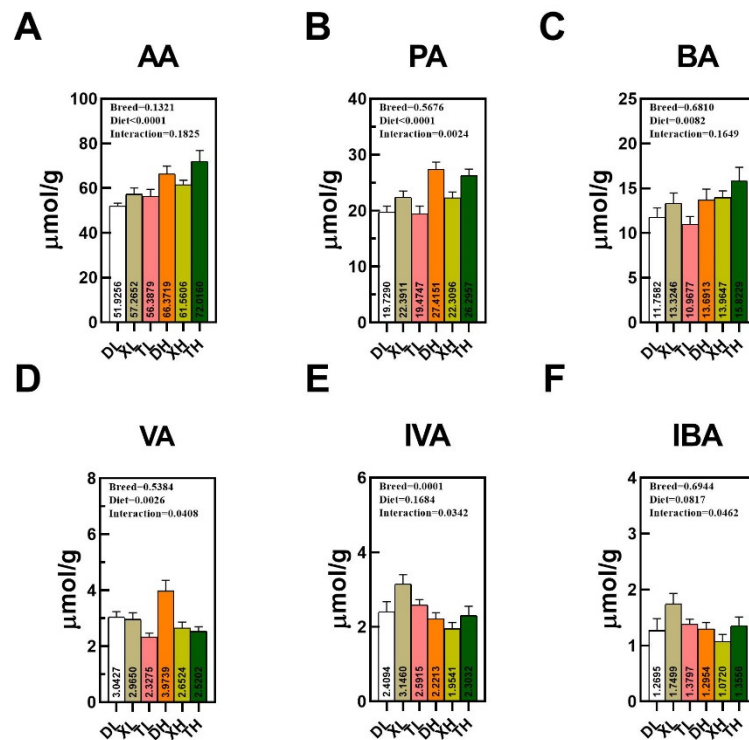
**Figure S1:** Plots of NMDS analysis between different varieties at low fiber level (A) and high fiber level (B).



**Figure S2:** Principal component analysis of ARGs gene abundance between different fiber levels.



**Figure S3:** Plots of PCA analysis of microorganisms at different levels for different varieties at low fiber levels (A) and high fiber levels (B).



**Figure S4:** Changes in SCFAs content in feces of different pig breeds at different fiber levels. The content of AA (A), PA (B), BA (C), VA (D), IVA (E), and IBA (F).