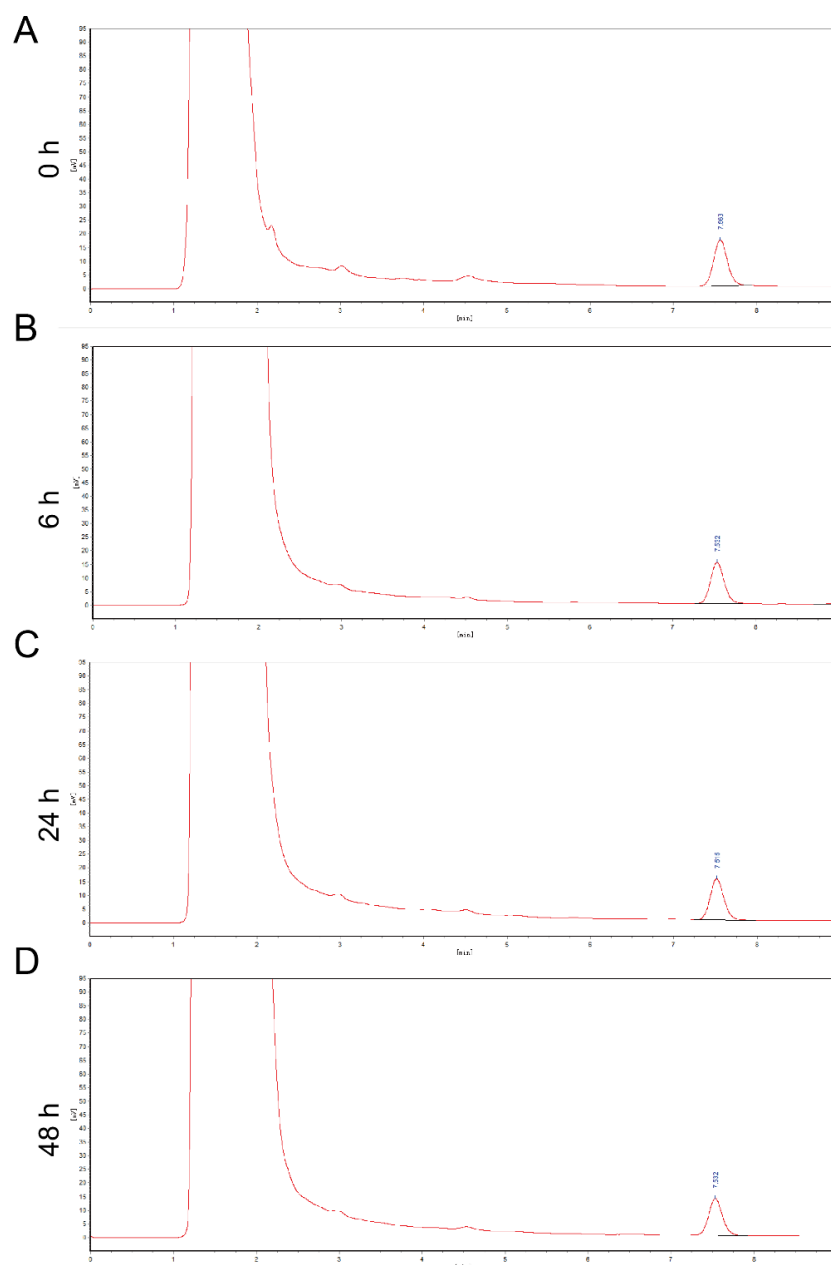
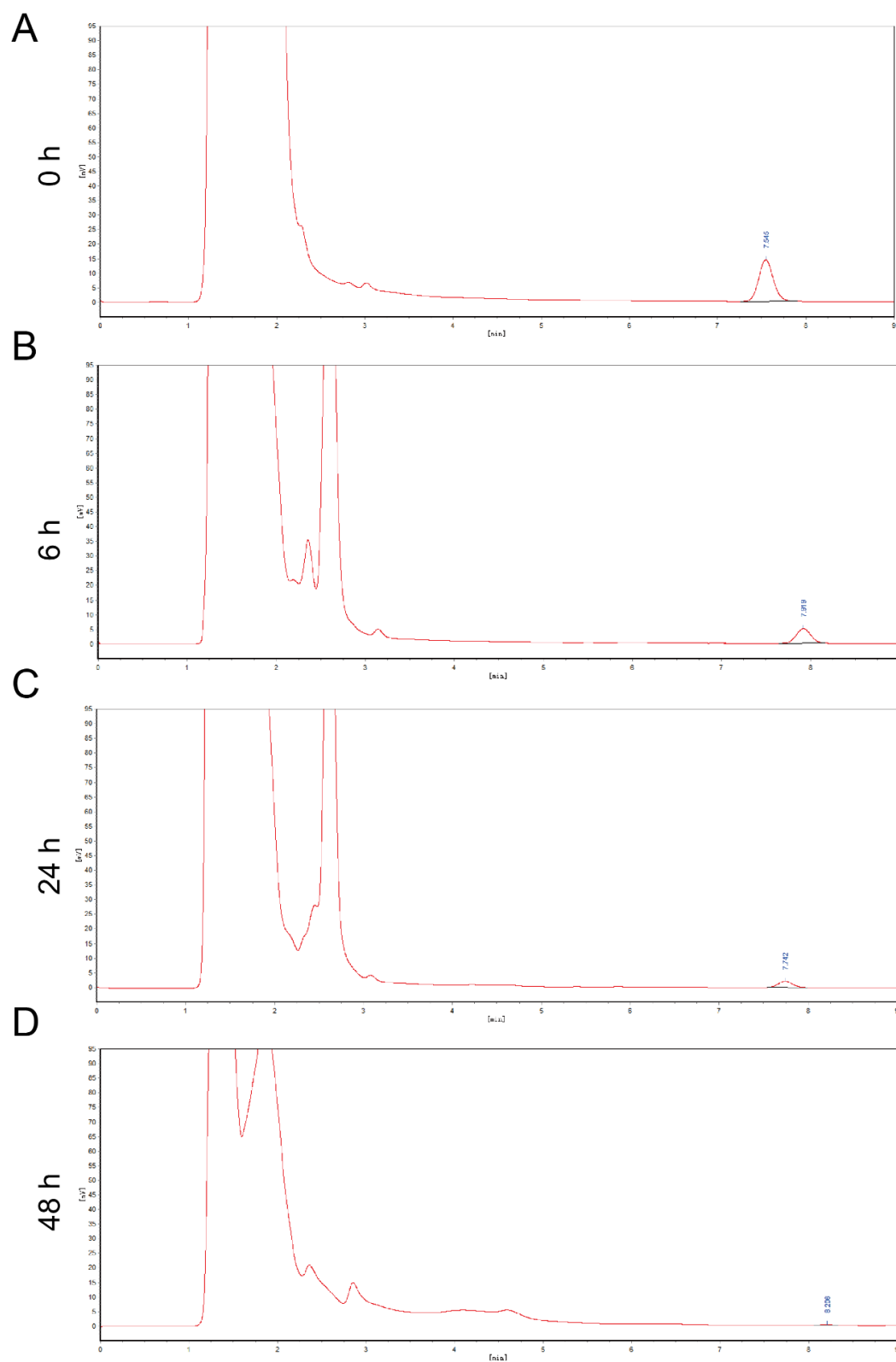


# Supplementary Materials: Comparison of Ameliorative Effects between Probiotic and Biodegradable *Bacillus subtilis* on Zearalenone Toxicosis in Gilts

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**Figure S1.** The representative HPLC-chromatograms of ZEN-degradation by *Bacillus subtilis* ANSB010 at 0h (A), 6h (B), 24h(C) and 48h (D). x-axis, retention time (min); y-axis, response value (mAU).



**Figure S2.** The representative HPLC-chromatograms of ZEN-degradation by *Bacillus subtilis* ANSB01G at 0h (A), 6h (B), 24h (C) and 48h (D). x-axis, retention time (min); y-axis, response value (mAU).

## 16S rDNA sequence of ANSB010:

GCTCCCTGATGTTAGCGGGCGGACGGGTGAGTAACACGTGGGTAACTGCCTGTAA  
GACTGGGATAACTCCGGGAAACCGGGGCTAATACCGGATGGTTGTTTGAACCGCA  
TGTTCAAACATAAAAGGTGGCTTCGGCTACCACTTACAGATGGACCCGCGGCGC  
ATTAGCTAGTTGGTGAGGTAACGGCTCACCAAGGCAACGATGCGTAGCCGACCTG  
AGAGGGTGATCGGCCACACTGGGACTGAGACACGGCCCAGACTCCTACGGGAGG  
CAGCAGTAGGGAATCTTCCGCAATGGACGAAAGTCTGACGGAGCAACGCCGCGT  
GAGTGATGAAGGTTTTTCGGATCGTAAAGCTCTGTTGTTAGGGAAGAACAAGTACC  
GTTTCAATAGGGCGGTACCTTGACGGTACCTAACCAGAAAGCCACGGCTAACTAC  
GTGCCAGCAGCCGCGGTAATACGTAGGTGGCAAGCGTTGTCCGGAATTATTGGGC  
GTAAAGGGCTCGCAGGCGGTTTTCTTAAGTCTGATGTGAAAGCCCCCGGCTCAACC  
GGGAGGGTCATTGGAACTGGGGAAGTTGAGTGCAGAAGAGGAGAGTGGAATT  
CCACGTGTAGCGGTGAAATGCGTAGAGATGTGGAGGAACACCAGTGGCGAAGGC  
GACTCTCTGGTCTGTAAGTACGCTGAGGAGCGAAAGCGTGGGGAGCGAACAGG  
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TCCGCCCTTAGTGCTGCAGCTAACGCATTAAGCACTCCGCCTGGGGAGTACGGTC  
GCAAGACTGAACTCAAAGGAATTGACGGGGGGCCCGCACAAGCGGTGGAGCATG  
TGTTTTAATTCGAAGCAACGCGAAGAACCCTTACCAGGTCTTGACATCCTCTGACAA  
TCCTAGAGATAGGACGTCCCTTCGGGGGCGAGAGTGACAGGTGGTGCATGGTTGT  
CGTCAGCTCGTGCTGAGATGTTGGGTAAAGTCCCGCAACGAGCGCAACCCTTGA  
TCTTAGTTGCCAGCATTGAGTTGGGCACTCTAAGGTGACTGCCGGTGACAAACCGG  
AGGAAGGTGGGGATGACGTCAAATCATCATGCCCCTTATGACCTGGGCTACACAC  
GTGCTACAATGGACAGAACAAAGGGCAGCGAAACCGCGAGGTTAAGCCAATCCC  
ACAAATCTGTTCTCAGTTCGGATCGCAGTCTGCAACTCGACTGCGTGAAGCTGGAA  
TCGCTAGTAATCGCGGATCAGCATGCCGCGGTGAATACGTTCCCGGGCCTTGTA  
CACCGCCCGTCACACCACGAGAGTTTGTAAACACCCGAAGTC

## 16S rDNA sequence of ANSB01G:

TGCAGTCGAGCGGACAGATGGGAGCTTGCTCCCTGATGTTAGCGGGCGGACGGGTG  
AGTAACACGTGGGTAACTGCCTGTAAGACTGGGATAACTCCGGGAAACCGGGG  
TAATACCGGATGGTTGTTTGAACCGCATGGTTCAGACATAAAAGGTGGCTTCGGCT  
ACCACTTACAGATGGACCCGCGGCGCATTAGCTAGTTGGTGAGGTAACGGCTCAC  
CAAGGCGACGATGCGTAGCCGACCTGAGAGGGTGATCGGCCACACTGGGACTGA  
GACACGGCCCAGACTCCTACGGGAGGCAGCAGTAGGGAATCTTCCGCAATGGAC  
GAAAGTCTGACGGAGCAACGCCGCGTGAGTGATGAAGGTTTTTCGGATCGTAAAGC  
TCTGTTGTTAGGGAAGAACAAGTGCCGTTCAAATAGGGCGGCACCTTGACGGTAC  
CTAACCAGAAAGCCACGGCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGTG  
GCAAGCGTTGTCCGGAATTATTGGGCGTAAAGGGCTCGCAGGCGGTTTTCTTAAGTC  
TGATGTGAAAGCCCCCGGCTCAACCGGGGAGGGTCATTGGAACTGGGGAAGTTG  
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CATGCCCCCTTATGACCTGGGCTACACACGTGCTACAATGGACAGAACAAAGGGCA  
GCGAAACCGCGAGGTTAAGCCAATCCCACAAATCTGTTCTCAGTTCGGATCGCAG  
TCTGCAACTCGACTGCGTGAAGCTGGAATCGCTAGTAATCGCGGATCAGCATGCC  
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TAACACCCGAAGTCGG TGAGGTAACCTTTAGGAGCC AGCCGCCGAAGG