

## Supporting Information

# Characterization and genome analysis of a nicotine and nicotinic acid-degrading strain *Pseudomonas putida* JQ581 isolated from marine

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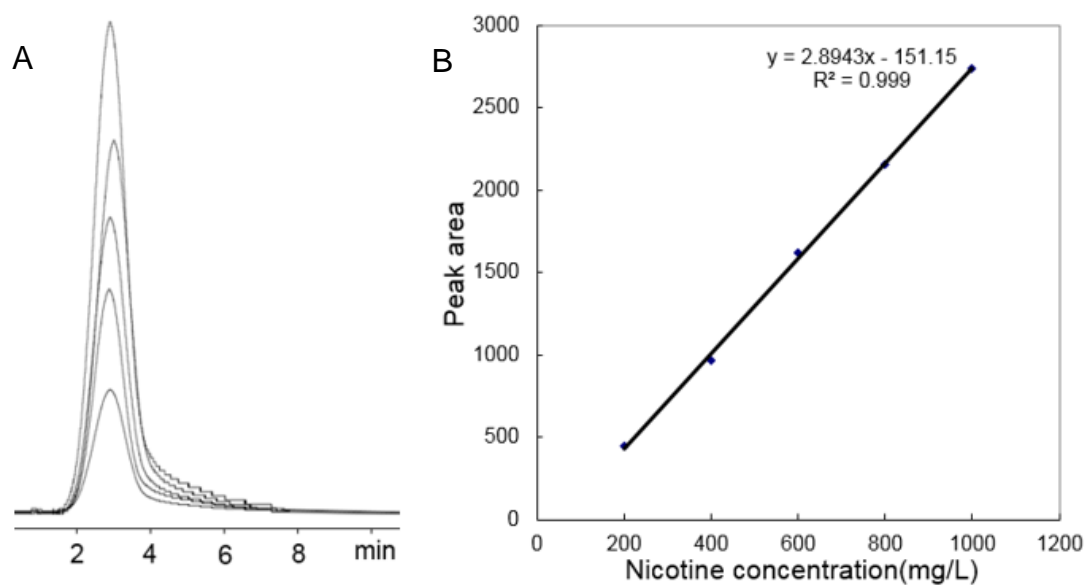
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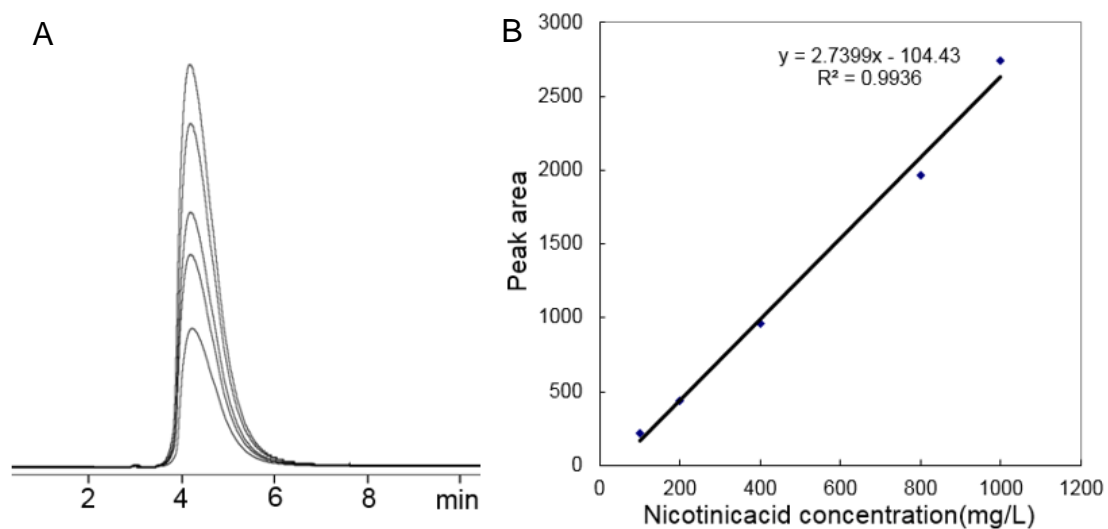
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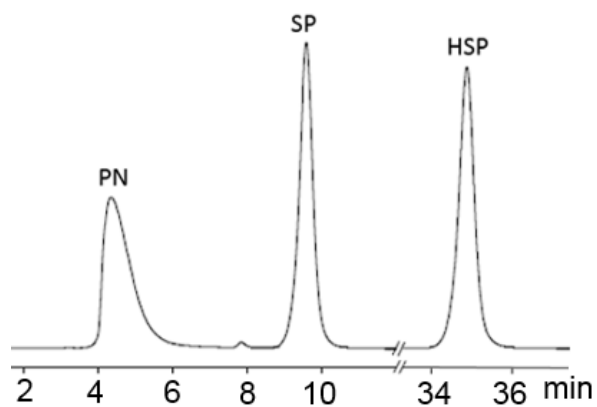
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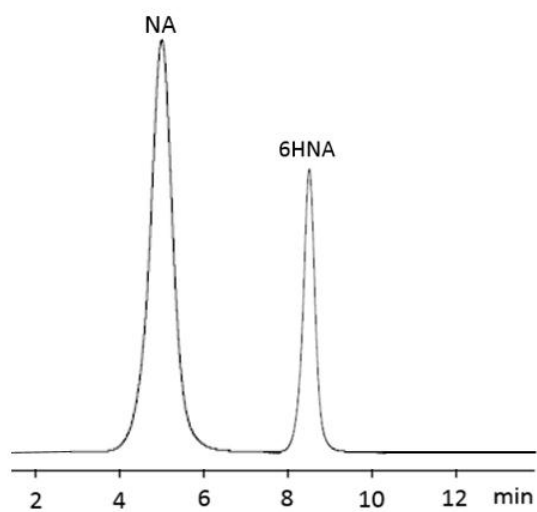
**Figure S1.** The HPLC profile of standard product of nicotine (A) and its standard curve (B).



**Figure S2.** The HPLC profile of standard product of nicotinic acid (A) and its standard curve (B).



**Figure S3.** The HPLC profile of standard products of PN, SP and HSP.



**Figure S4.** The HPLC profile of standard products of NA and 6HNA.