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Construction of high-density genetic map and QTL mapping in *Nicotiana tabacum* backcrossing BC4F3 population using whole-genome sequencing

Zhijun Tong¹, Sanjie Jiang², Weiming He², Xuejun Chen¹, Lixin Yin², Dunhuang Fang¹, Yafei Hu², Fangchan Jiao¹, Chi Zhang², Jianmin Zeng¹, Xinfu Wu¹, Shancen Zhao³, Jianbo Jian^{2,4}, Bingguang Xiao¹

Electronic Supplementary Material (ESM)

The authors are fully responsible for both the content and the formal aspects of the electronic supplementary material. No editorial adjustments were made.

¹Key Laboratory of Tobacco Biotechnological Breeding, National Tobacco Genetic Engineering Research Center, Yunnan Academy of Tobacco Agricultural Sciences, Kunming, Yunnan, P.R. China ²BGI Genomics, BGI-Shenzhen, Shenzhen, Guangdong, P.R. China ³BGI Institute of Applied Agriculture, BGI-Shenzhen, Shenzhen, Guangdong, P.R. China ⁴Department of Biotechnology and Biomedicine, Technical University of Denmark, Lyngby, Denmark

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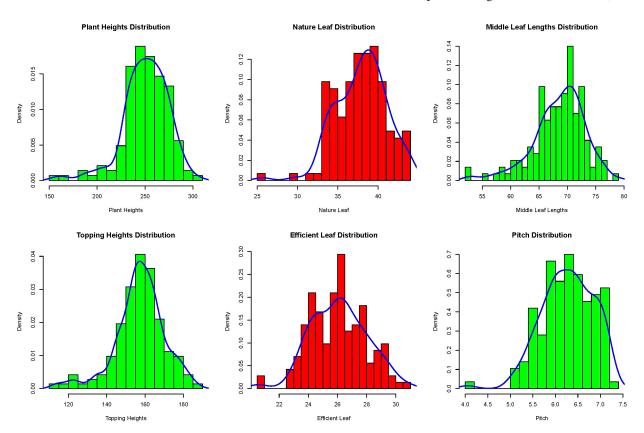


Figure S1. The frequency distribution histogram of the agronomic traits; six agronomic traits including the plant height (cm), nature leaf (cm), topping height (cm), efficient leaf (cm), pitch and middle leaf length (cm) were recorded

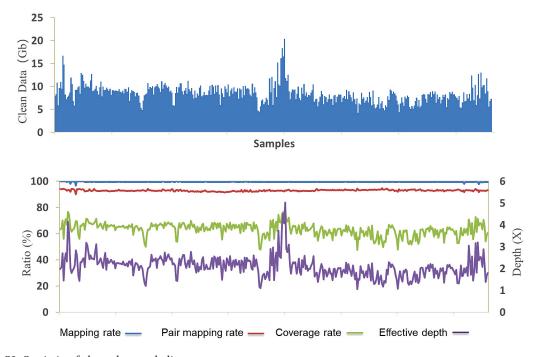


Figure S2. Statistic of clean data and alignment
The Y-axis stands for the quantity of the clean data (Gb) per the sample and ratios of the mapping; Mapping reads rate (%) = mapping reads/total reads; pair mapping rate (%) = properly paired reads/clean reads; total reads = clean reads; effective depth = mapped data bases/the effective genome size