

RNA-seq data of banana bunchy top virus (BBTV) viruliferous and non-viruliferous banana aphid (*Pentalonia nigronervosa*)

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Abstract	<p>Banana bunchy top disease (BBT) is one of the most economically serious viral diseases of banana caused by banana bunchy top virus (BBTV: Nanoviridae: Babuvirus). BBTV is a circular, ssDNA virus which is suitable in the phloem tissue and currently only being transmitted by the banana aphid (<i>Pentalonia nigronervosa</i>) in a persistent, non-propagative, circulative manner. Interaction of BBTV and banana aphid had been studied in several ways, such as transmission and translocation of BBTV inside the banana aphid body at cellular level. However, the molecular mechanism underlying the interaction between BBTV and banana aphid have been poorly understood. Therefore, this transcriptomic study was conducted to obtain the raw data for differential genes expression study in BBTV viruliferous (Vr) and non-viruliferous (NVr) banana aphid. Here, we present two data sets of RNA seq raw reads which is available in GenBank Sequence Read Archive (SRA) database with accession number of SRX6918251 and SRX6918252 for the Vr and NVr banana aphid respectively. (C) 2019 The Authors. Published by Elsevier Inc.</p>
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