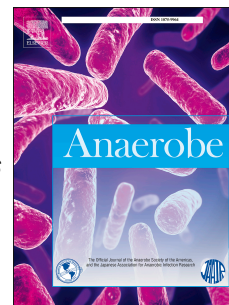


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Comparative diversity analysis of ruminal methanogens in Murrah buffaloes (*Bubalus bubalis*) in four states of North India

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**Comparative diversity analysis of ruminal methanogens in Murrah buffaloes (*Bubalus bubalis*) in four states of North India**

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**Running Title-** Ruminal methanogens in water buffaloes

**Abstract**

We compared the community structure of methanogens in Murrah breed of buffaloes of four states of north India using 16S rRNA gene clone library method. The results revealed the dominance of methanogens related to *Methanobrevibacter* in three states, while *Methanomicrobium*- related methanogens were abundant in one state.

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