

## Nucleotide sequence of the VP4 core protein gene (M4 RNA) of US bluetongue virus serotype 10

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The sequence of the double-stranded RNA segment M4 of bluetongue virus serotype 10 (encoding the VP4 protein) was determined from a complete cDNA clone inserted into pBR322. The M4 RNA was deduced to be 2011 base pairs in length and coded for a 654 amino acid protein (75,998 Daltons; net charge + 7.5 at pH 7.0). Unlike the other BTV RNA species the 5' non-coding region is short (1-5).

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