

ライム病ボレリアの16リボソームRNA遺伝子は
23S遺伝子から離れて存在する。

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**The 23S/5S ribosomal RNA genes are separate from
the 16S ribosomal RNA gene in *Borrelia burgdorferi*,
the etiological agent of Lyme disease.**

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ABSTRACT DNA fragments containing the rRNA genes for *Borrelia burgdorferi* strain B31 were cloned in bacteriophage λ EMBL3. A restriction map of the fragments and the constructed and the organization of rRNA genes was determined by Southern hybridization. One genomic DNA fragment contained a single copy of the *rrs* sequence and another cloned fragment contained both *rrl* and *rrf* sequences. The results revealed that the *rrs* gene is located separately from the set of *rrl/rrf* genes, suggesting that these rRNA genes are expressed independently in *B. burgdorferi*.

抄録 ライム病ボレリアの23S/5S, 16SリボソームRNA遺伝子をクローンしてその構成を明かにし, これらの遺伝子が離れて存在することを報告した。

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