

# レプトスピラ染色体に存在するリボゾーム RNA 遺伝子数

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## The number of large ribosomal RNA genes in *Leptospira interrogans* and *Leptospira biflexa*.

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**ABSTRACT** We determined the number of large ribosomal RNA genes in five strains of *Leptospira* by hybridization of 15 restriction endo-nuclease digests of genomic DNA to the [<sup>32</sup>P]-labeled fragment of 23S RNA gene. Almost all the restriction gels gave two radioactive bands. The conclusion from these results is that there are at least two rRNA genes in these leptospiral strains. Furthermore, the hybridization patterns of *L. incterohaemorrhagiae* strains Ictero No. I and RGA are almost identical. The number of RNA genes and taxonomic relationships of these leptospire were discussed.

抄録 レプトスピラ菌株5株を選びそのリボゾーム RNA 遺伝子数をしらべた。結果いずれの株もその染色体上に2本の遺伝子を有している事が明らかになった。またかねてから帰属の問題のある Ictero No. I と RGA 株が本実験法によって区別出来る事も明らかになった。