ABSTRACT  A DNA fragment encoding a hemolytic factor was cloned from the parasitic spirochete *Leptospira interrogans* serovar autumnalis strain Congo 21–543. Initial clones were isolated by screening a genomic library in pBR 322 in *Escherichia coli* for hemolytic activity. Hemolytic activity was coded by a 4.5 kilobase *Bam HI–Hind III* fragment. Southern hybridization with DNAs from other strains of *Leptospira* using this gene as a probe showed that DNAs from non-parasitic strains failed to hybridize with the probe, whereas those from all parasitic strains tested had the sequence which hybridize to the probe.

抄録 レプトスピラの溶血性因子遺伝子をクローニングし、遺伝の構造を明らかにした。

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