

Publication**A restriction map of virulence plasmid pVYE439-80 from a serogroup 9
Yersinia enterocolitica strain****JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)****ID** 156287**Author(s)** Laroche, Y; van Bouchaute, M; Cornelis, G**Author(s) at UniBasel** [Cornelis, Guy R.](#) ;**Year** 1984**Title** A restriction map of virulence plasmid pVYE439-80 from a serogroup 9 Yersinia enterocolitica strain**Journal** Plasmid**Volume** 12**Number** 1**Pages / Article-Number** 67-70**Keywords** Base Sequence; DNA Restriction Enzymes/diagnostic use; *Plasmids; Serotyping; Yersinia enterocolitica/classification/*genetics

A restriction map of the virulence plasmid pVYE439-80, isolated from Yersinia enterocolitica 439-80 (serogroup 9) was constructed for EcoRI, BamHI, SstII, and SmaI. The mapping was done after cloning of about two-thirds of the plasmid in Escherichia coli. The restriction pattern was compared to those obtained with plasmids isolated from Y. enterocolitica strains of serogroups 1, 3, and 5b. The restriction sites are particularly conserved in a region of about 25 kb. This region contains fragments that are also conserved in serogroup 8 strains [J. Heeseman, C. Keller, R. Morawa, N. Schmidt, H. J. Siemens, and R. Lauf (1983) J. Infect. Dis. 147, 107-115] and that were shown, in strains from this serogroup, to encode calcium dependency [D. A. Portnoy, H. Wolf-Watz, I. Bolin, A. B. Beeder, and S. Falkow, (1984) Infect. Immun. 43, 108-114].

Publisher Academic Press**ISSN/ISBN** 0147-619X**edoc-URL** <http://edoc.unibas.ch/dok/A5259272>**Full Text on edoc** No;**Digital Object Identifier DOI** 10.1016/0147-619X(84)90069-6**PubMed ID** <http://www.ncbi.nlm.nih.gov/pubmed/6093172>**ISI-Number** WOS:A1984TH41600009**Document type (ISI)** Journal Article