

Title (en)

NOVEL THERAPEUTIC COMPOSITIONS FOR TREATING INFECTION BY LAWSONIA SPP

Title (de)

THERAPEUTISCHE ZUSAMMENSETZUNG ZUR BEHANDLUNG EINER LAWSONIA SSP INFEKTION(21.05.02)

Title (fr)

NOUVELLES COMPOSITIONS THERAPEUTIQUES POUR TRAITER UNE INFECTION PAR LAWSONIA SPP

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Abstract (en)

[origin: WO0238594A1] The present invention relates generally to therapeutic compositions for the treatment and/or prophylaxis of intestinal disease conditions in animals and birds caused or exacerbated by *Lawsonia intracellularis* or similar or otherwise related microorganisms. In particular, the present invention provides a novel gene derived from *Lawsonia intracellularis*, which encodes an immunogenic polypeptide that is particularly useful as an antigen in a vaccine preparation for conferring humoral immunity against *Lawsonia intracellularis* and related pathogens in animal hosts, wherein said polypeptide is selected from the group consisting of flhB, flhR, ntrC, glnH, motA, motB, tlyC, ytfM, and ytfN polypeptides, or a homologue, analogue or derivative of any one or more of said polypeptides. The present invention is also directed to methods for the treatment and/or prophylaxis of such intestinal disease conditions and to diagnostic agents and procedures for detecting *Lawsonia intracellularis* or similar or otherwise related microorganisms.

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