

Title (en)

LAWSONIA DERIVED GENE AND RELATED SODC POLYPEPTIDES, PEPTIDES AND PROTEINS AND THEIR USES

Title (de)

VON -i(LAWSONIA) STAMMENDES GEN UND DAMIT ASSOZIIERTE SodC POLYPEPTIDE, PEPTIDE UND PROTEINE UND IHRE VERWENDUNGEN

Title (fr)

GENE DERIVE DE LAWSONIA ET POLYPEPTIDES, PEPTIDES ET PROTEINES SODC ASSOCIES, ET LEURS UTILISATIONS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0069903A1] 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 microorganism. In particular, the present invention provides a novel gene derived from *Lawsonia intracellularis* which encodes an immunogenic SodC peptide, polypeptide or protein that is particularly useful as an antigen in vaccine preparation for conferring humoral immunity against *Lawsonia intracellularis* and related pathogens in animal hosts. 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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Citation (search report)

[A] DATABASE EMBL [online] 1 October 1996 (1996-10-01), IMLAY ET AL.: "Cloning and analysis of sodC, encoding the copper-zinc superoxide dismutase of *Escherichia coli*", XP002203127, Database accession no. P53635

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