

Title (en)  
**VACCINE**

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Application  
**EP 90901506 A 19900112**

Priority  
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Abstract (en)  
[origin: WO9008184A1] Disclosed are novel smooth aromatic-dependent (aro<->) non-reverting, avirulent Salmonella strains of group C2;0-6,8, C3;0-8 or C3;0-8,20 and smooth aromatic-dependent (aro<->) non-reverting, avirulent Salmonella strains of group G2,0-1,13, 23 or G1;0-1,13,22. Also disclosed are novel genetic process required to produce these strains, vaccine formulations containing these strains, methods of using these strains to prevent Salmonellosis, diagnostic kits containing antibodies raised against these strains, antibodies raised against these strains and methods of their use.

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• Infection and Immunity, Vol. 55, No. 4, April 1987, Washington US, pages 955-962; N.A. NNALUE et al.: "Tests of the virulence and live-vaccine efficacy of auxotrophic and galE derivatives of Salmonella choleraesuis", "Materials and methods".  
• See references of WO 9008184A1

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