

Title (en)  
STREPTOCOCCAL GENES

Title (de)  
STREPTOKOKKEN-GENE

Title (fr)  
GENES STREPTOCOCCIQUES

Publication  
**EP 1330473 A2 20030730 (EN)**

Application  
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Abstract (en)  
[origin: WO0234773A2] Peptides derived from *S. pneumoniae* are identified as virulence determinants and may be useful in the preparation of vaccines for the treatment of infection. The peptides may be used as antigens or in the preparation of attenuated microorganisms for use as live oral vaccines.

IPC 1-7  
**C07K 14/315**; **C12N 1/21**; **C12N 15/63**; **A61K 39/09**; **C07K 16/12**

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