

HPV8

HPV8 mRNAs have been investigated from both transfected cells and lesions from an epidermodysplasia verruciformis patient. Analysis of RNA start sites suggest at least three promoters: a late promoter in the LCR with start site at nt 7535 (P₇₅₃₅)(2), an E6 promoter with start sites at nt 175–179 (P₁₇₅) (1,2), and an E7 promoter with start site just upstream of the E7 ORF (not further mapped) (1). RT-PCR analysis of RNA from the EV lesion (2) identified two L1 mRNAs which presumably are transcribed from the late promoter. The exact 5' and 3' ends of these mRNAs have not been determined, however.

1. **Iftner, T., G. Sagner, H. Pfister, and F. O. Wettstein.** 1990. The E7 protein of human papillomavirus 8 is a nonphosphorylated protein of 17 kDa and can be generated by two different mechanisms. *Virology* **179**:428-436.
2. **Stubenrauch, F., J. Malejczyk, P. G. Fuchs, and H. Pfister.** 1992. Late promoter of human papillomavirus type 8 and its regulation. *J.Virol.* **66**:3485-3493.

Extracted from:

Maps of Papillomavirus mRNA Transcripts
1995, 1996 and 1997 LANL Human Papillomavirus Database
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