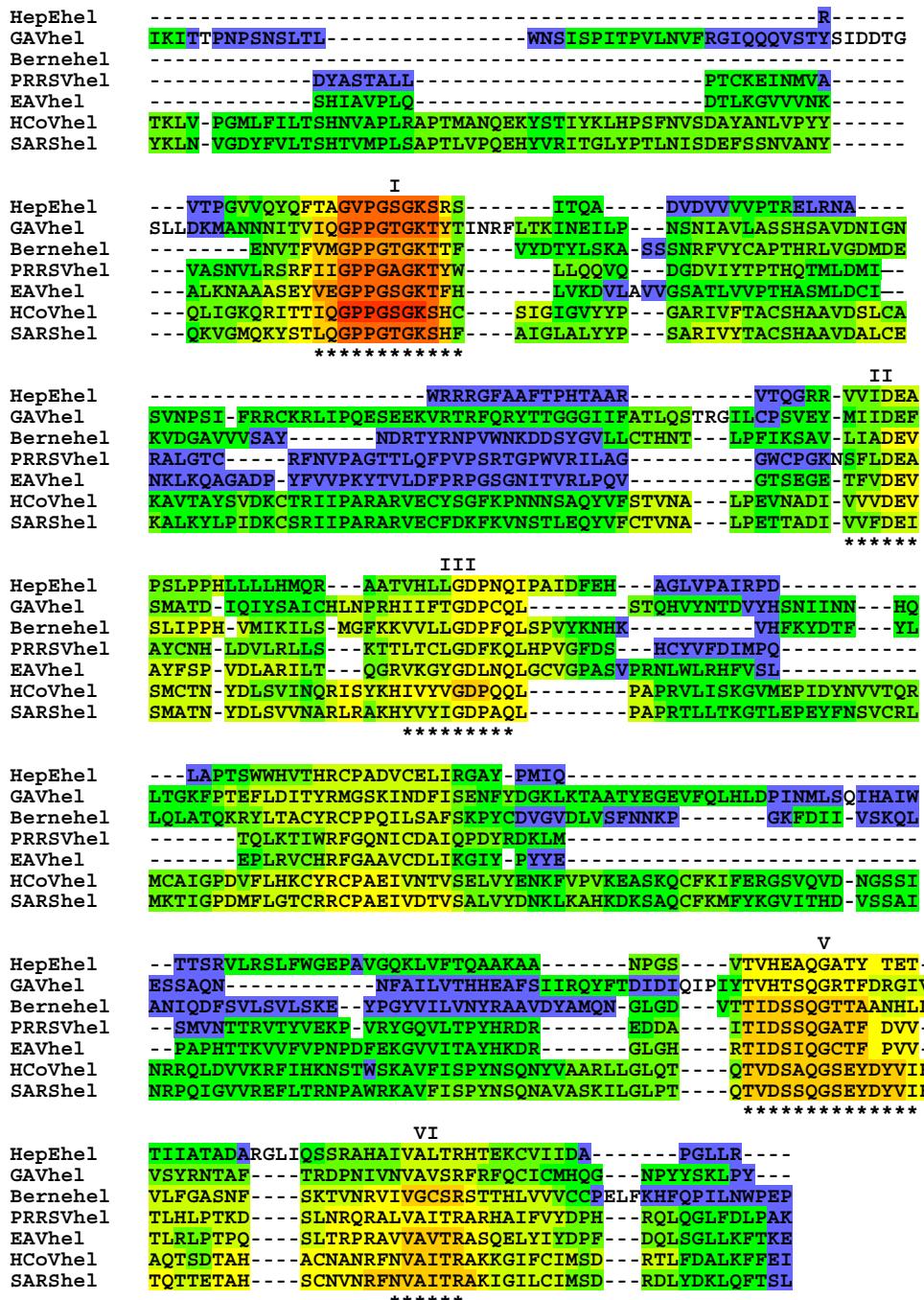


T-Coffee Alignment of Selected SF1 Viral Helicases



Relative degree of conservation BAD AVG GOOD

The major conserved helicase motifs [Kadare, G., and Haenni, A. L. (1997) *J Virol* **71**, 2583-2590; Gorbalya, A. E., and Koonin, E. V. (1993) *Curr. Opin. Struct. Biol.* **3**, 419-429] are indicated with Roman numerals and are underlined with asterisks.

Sequences were aligned using T-Coffee [Notredame, C., Higgins, D., Heringa, J. (2000) *J. Mol. Biol.* **302**, 205-217. <http://www.ch.embnet.org/software/TCoffee.html>] and were manually cropped for clarity.

HepEhel = Hepatitis E virus, Orf1 helicase domain (NP_056785.1); **GAVhel** = Gill-associated virus, Orf1ab replicase (locus AF227196.1); **Bernehel** = Berne virus, Orf1b helicase domain (locus P18458); **PRRSVhel** = Porcine reproductive and respiratory syndrome virus, Orf1ab nsP10 helicase domain (NP_066135.1); **EAVhel** = Equine arteritis virus, Orf1ab nsP10 helicase domain (NP_705591); **HCoVhel** = Human coronavirus 229E, Orf1ab nsP10 helicase domain (NP_073549.1); **SARSCoV** = SARS coronavirus, Orf1ab nsP10 helicase domain (NP_828849.2)