Appendix D. The characteristic conserved DnaJ domain for Hsp40 is underlined. The four helices and a loop region constitute the DnaJ domain are shown in green boxes (Qian, 1996). The highly conserved HPD motif which is responsible for binding to HSP70 and regulation of the ATP hydrolytic cycle of Hsp70 (Qiu et al. 2006) is red and underlined.