

**Figure S1.** Ion-exchange chromatography of *E. maclovinus* hemolysate. A Mono Q11 Tricorn column was equilibrated with 20 mM Tris-HCl pH 7.6 (buffer *A*). Elution was performed with a gradient of 20 mM Tris-HCl pH 7.6, 100 mM NaCl (bBuffer *B*) in buffer *A*. A mixture of Hb C and Hb 1 was eluted at 50% buffer *B*, Hb 1 at 57% buffer *B* and a mixture of Hb 1 and Hb 2 at 60% buffer *B*.