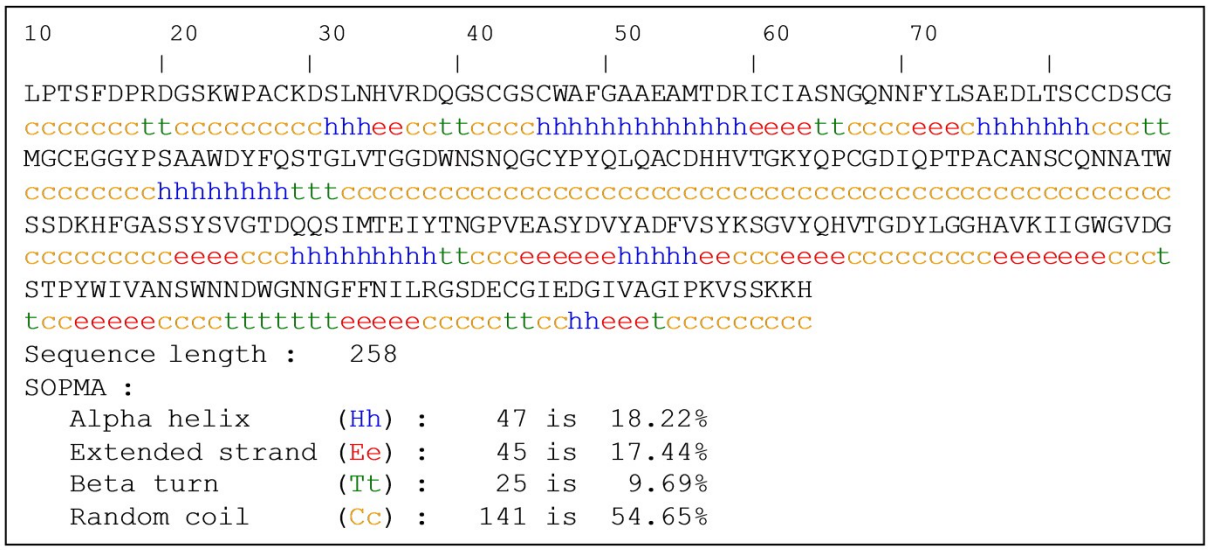

Fig. S1. Secondary structure prediction of the Cathepsin B from *Hordeum vulgare* sequence by SOPMA.

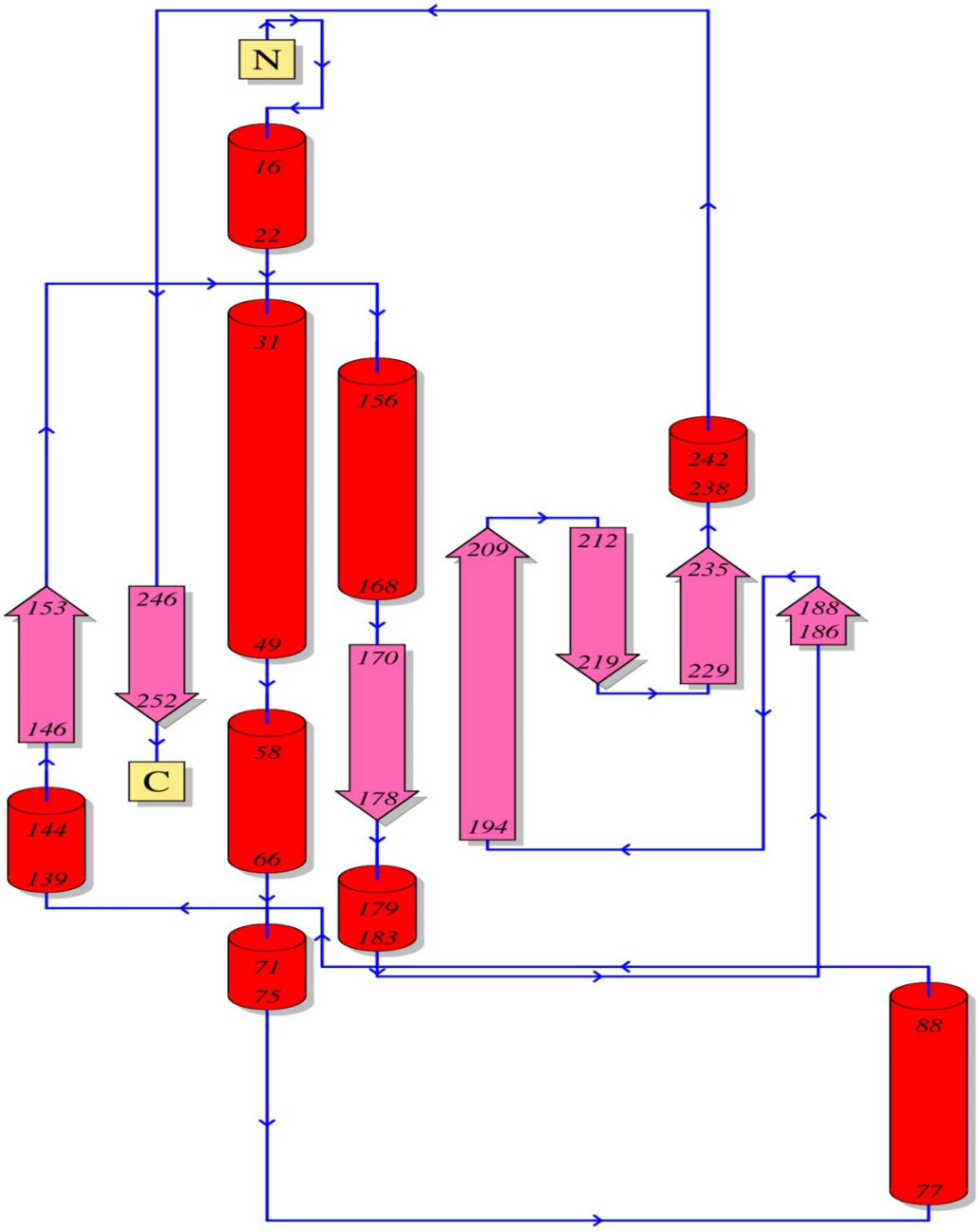

Fig. S 2. The topology of cathepsin B from *Hordeum vulgare* structure given by PDBsum.

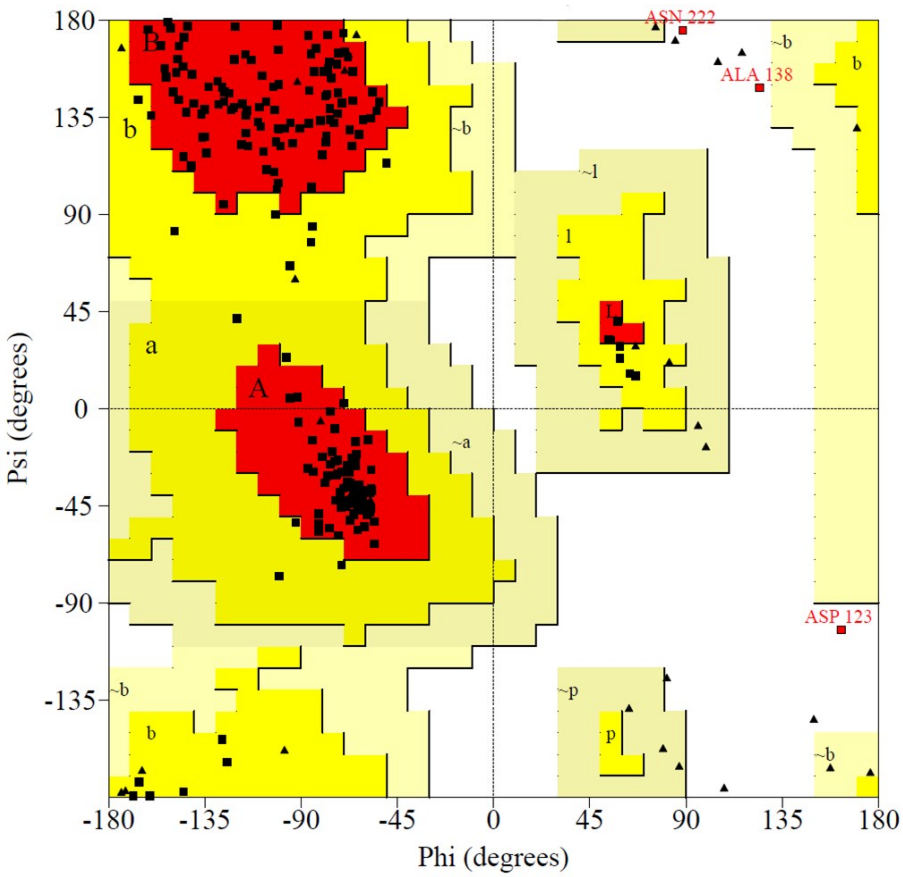

Fig. S 3. Ramchandran plot analysis of Cathepsin B from *Hordeum vulgare*.