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**Additional file 1**. **Sequence alignment of the *Trichinella spiralis* peptidase gene (XP\_003379348.1) with peptidase genes from other species or genotypes of the genus *Trichinella*.** Clustal X and BOXSHADE were used to analyse the sequences, and distinct differences between peptidases from different *Trichinella* species/genotypes were observed. Black shading indicates residues identical to those in TsP, and grey shading showed conservative substitutions.