



Appendix Alignment of AChE protein sequences of *Plutella xylostella*, other insects and human. The conserved sequences used for degenerate primer design are marked with horizontal arrows. The conserved amino acid residues implicated in intramolecular disulfide bond formation are indicated as black squares, the residues of the catalytic triad as filled circles, the acyl pocket residues as triangles and the tryptophan of the choline binding site as a pentagram. The alignment was carried out using ClustalW/DNAStar.