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ScAtg12      MSRIESENETESEDESSIISTNNGTAMERSRNNQELRSPHTVQNRLELFSRRLSQLGLA 60
PfAtg12      -----MTENYIQYIP----- 10

ScAtg12      SDISVDQQVEDSSSGTYEQEETIKTNAQTSKQKSHKDEKNIQKIQIKFQPIGSIGQLKPS 120
PfAtg12      -----VFEEKPDMREILINRRN-----QKIKIVFKCISGTTILKKN 46

ScAtg12      VCKISMSQSFAMVILFLKRRL-KMDHVYCYINNSFAPSPQQNIGELWMQFKTNDELIVSY 179
PfAtg12      KVLINGNETFSLLIFLKRIFNKNDNIYLYINNNIKPNLDDYIYDLYDLYQISGSLNISY 106

ScAtg12      CASVAFG 186
PfAtg12      SFTPAY- 112

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Figure S9. Sequence alignment of Atg12 proteins. The yeast (ScAtg12) and *P. falciparum* (PfAtg12) sequences were aligned using the Clustal W2 program. Conserved residues are shown in red. The C-terminus Gly residue of ScAtg12 (absent in PfAtg8), which is conjugated to Atg5 protein, is highlighted.