**Fig. S1** SDS-PAGE analysis of LaAT1 (A) and LaAT2 (B). LaAT1 and LaAT2 were expressed as GST fusion proteins in *Escherichia coli* and purified by affinity chromatography. Marker proteins (in kDa) are shown in lane (C). As control, GST was purified by the same procedure from *E. coli* expressing the empty vector pGEX4T-1 (D).