

Table S1. Transmembrane topology predictions for mature LEA38. The sequence of mature LEA38 was submitted to six programs designed for the detection of potential transmembrane domains.

Program	Transmembrane domain
CCTOP (http://cctop.enzim.ttk.mta.hu)	none
DAS-TMfilter (http://mendel.imp.ac.at/sat/DAS/DAS.html)	none
Phobius (http://phobius.sbc.su.se/index.html)	none
Predictprotein (https://www.predictprotein.org)	none
TMHMM Server v. 2.0 (http://www.cbs.dtu.dk/services/TMHMM-2.0/)	none
TMpred (https://embnet.vital-it.ch/software/TMPRED_form.html)	none