

Supplementary Fig. 3. Full-length peptide sequences of LIM gene families of *Arabidopsis thaliana* (Doc).

>AtWLIM1

MAFAGTTQKCMACDKTVYLVDKLTADNRVYHKACFRCHHCKGTLKLSNYNSFEGVL
YCRPHFDQNFKRTGSLEKSFEGTPKIGKPDRPLEGERPAGTKVSNMFGGTREKCVGCDK
TVYPIEKVSVNGTLYHKSCFKCTHGGCTISPSNYIAHEGKLYCKHHHIQLIKEKGNLSQL
EGGGENAAKDKVVAA

>AtWLIM2a

MSFTGTQQKCRACEKTVYVVELLSADGISYHKACFKCSHCKSRLQLSNYSSMEGVVYC
RPHFEQLFKESGFSKFNQSPAKPLTDKPTPELNRTPSRLAGMFSGTQDKCATCTKTVYYP
IEKVTVESQCYHKSCFKCSHGCGPISPSNYAALEGILYCKHHFAQLFKEKGSYNHLIKSA
SIKRATAAATAAAAAVAAPES

>AtWLIM2b

MSFTGTQQKCKACEKTVYAVELLSADGVGYHKSCFKCTHCKSRLQLSSYSSMEGVLYC
KPHFEQLFKESGFSFNQSPAKSADKSTPELTRTPSRVAGRFSGTQEKCATCSKTVYPIE
KIHNPLSYRELARKPNVLHRCIDPGDIGSCYFNLHVTVESQTYHKSCFKCSHGCGPISPSN
YAALEGILYCKHHFAQLFKEKGSYNHLIKSASIKRSAAAAVAAGVPAASVPES

>AtPLIM2a

MSFTGTLDKCKACDKTVYVMDLLTLEGNTYHKSCFRCTHCKGTLVISNYSSMDGVLYC
KPHFEQLFKESGNYSKNFQAGKTEKPNDDLTRTPSKLSSFFSGTQDKCATCKKTVYPLE
KVTMEGESYHKTCFRCTHSGCPLTHSSYASLNGVLYCKVHFNQLFLEKGSYNHVHQA
ANHRRSASSGGASPPSDDHKPDDTASIPEAKEDDAPEAAAGEEPEPVES

>AtPLIM2b

MSFTGTLDKCNVCDKTVYVVDMLSIEGMPYHKSCFRCTHCKGTLQMSNYSSMDGVLY
CKTHFEQLFKESGNFSKNFQPGKTEKPELTRTPSKISSIFCGTQDKCAACEKTVYPLEKIQ
MEGECFHKTCFRCAHGGCTLTHSSYASLDSVLYCRHHFNQLFMEKGNVYAHVLQAANH
RRTASGNTLPPEPTEDVAVEAKEENGVSSES

>AtPLIM2c

MAAFTGTTDKCKACDKTVYVMDLMTLEGMPYHKSCFRCSHCNGTLVICNYSSMDGVLY
YCKTHFEQLFKESGNFSKNFQTAGKTEKSNDAKAPNRLSSFFSGTQDKCAACKKTVYYP
LEKMTMEGESYHKTCFRCAHSGCPLTHSSYAALDGVLYCKVHFSQLFLEKGNVYHVLQ
AAANHRRSTAEDKTEPKEDANPTEEETSDAAAEEHES