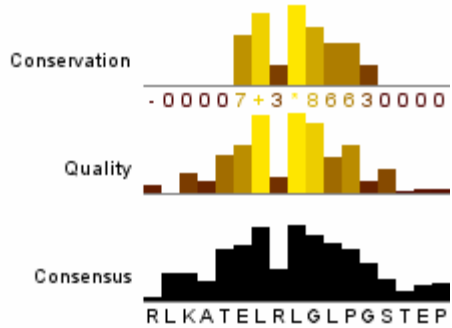


Phypa_164608/86-101 - ESATALQLGPPAGLKP
Phypa_219923/95-110 - ESATTLQLGPPAAVKP
BAB71765.1/84-99 - ESATTLQLGPPAAVKP
IAA10/39-55 SVSETELRLALGLSIGR
IAA3/7-22 - LKETELRLGLPGTDNV
IAA17/9-23 - LRETELRLGLPGGDT-
IAA12/15-29 - PAESELRLGLGLSLG-
IAA34/19-34 - QKDHKLILSWKKPTMD
IAA5/10-25 - LEITELRLGLPGDIVV
IAA18/39-54 - EKKLELRLGLPGGEEDD
IAA6/8-23 - LEITELRLGLPGDNYN
IAA15/16-31 - LGGTELRLALPGTPTN
IAA32/25-39 - KGGGVIDLGLSLRTI-
IAA8/49-64 - FKATELRLGLPESQSP
IAA13/9-24 - KGESELRLGLGLSLGG
IAA20/28-44 RNLSTDRLRLGLSFGTSS
IAA16/4-19 - FEATELRLGLPGGNHG
IAA19/8-23 - LEITELRLGLPGRDVA
IAA26/35-50 - EKKLELRLGLPPGGDEE
IAA31/24-35 - ESSVNLSSLTFL- - -
IAA2/11-26 - LKDTELRLGLPGRTEK
IAA7/8-22 - LKATELRLGLPGGAE-
IAA30/29-45 RNLSTDRLRLGLSFGSSS
IAA14/3-17 - LKETELRLGLPGGTE-
IAA1/9-23 - LKDTELRLGLPGAQE-
IAA11/29-44 - PIGNELRLGLTSLGR
IAA27/40-55 - FKATELRLGLPGSESP
IAA29/2-13 - - - - ELDLGLSLSPHK
IAA28/4-19 - EKRELELRLAPPCHQFT
IAA4/13-28 - LKATELRLGLPGTEET
IAA33/2-1 - - - - - - - - - - -
IAA9/63-78 - LKATELRLGLPGSQSP
Selmo_1_2_26861/4-19 - LGATELRLGLPKSKKP
Selmo_1_412634/47-62 - MRRETELRLGLPGSPQE
Selmo_1_406764/106-122 MVEDPDLRLGLGLGPAP



File 1. Amino acid sequence alignment of Aux/IAA proteins of *A. thaliana*, *S. moellendorffii* and *P. patens* across conserved domain I.