

Figure 1

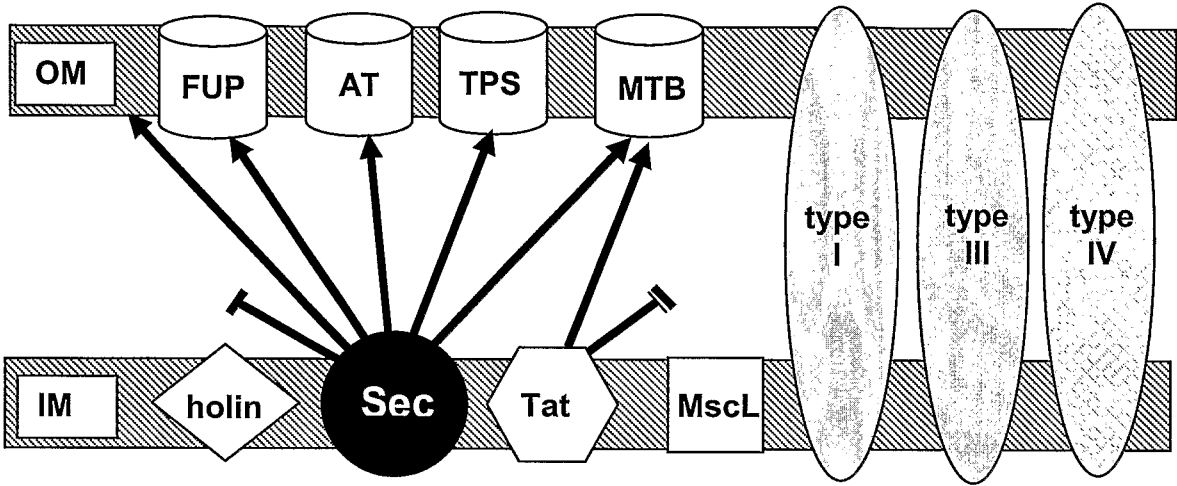
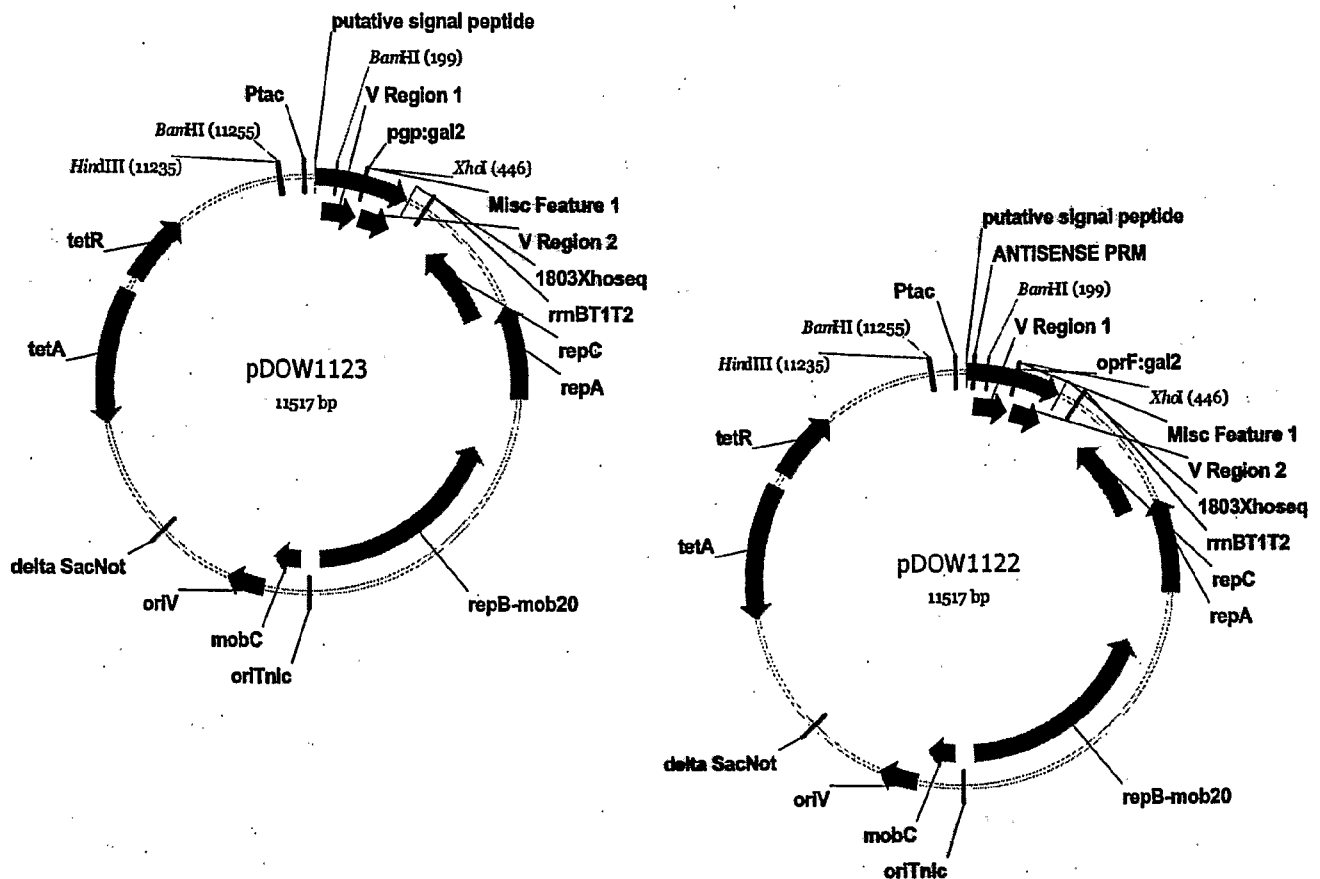


Figure 2

A



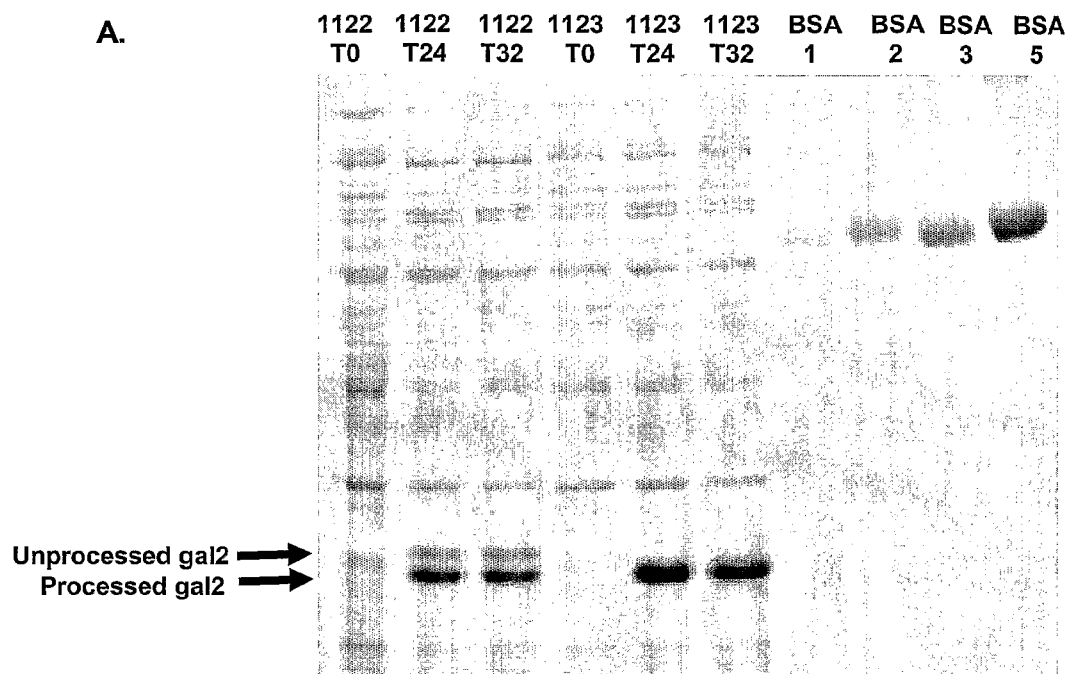
B.

MKLKNTLGLAIGSLIAATSFGLA***AQVQLQESG**PGLVKPSETLSLTCTVSGGSISSYHWSW/
 RQPPGKGLEWIGYIYYSGSTNYPNPSLKNRVTISVDTSKNQFSLNLRSVTAADTAVYYCARG
 TYGPAGDAFDIWGQGTTVTVSSGGGGSGGGGSGGGGSDIQMTQSPSTLSASIGDRVITC
 RASEGIYHWLAWYQQKPGKAPKLLIYKASSLASGAPSRFSGSGSGTDFTLTISLQPDFFAT
 YYCQQYSNYPLTFGGGTKLEIKRAAAHHHHHH

C.

MKLKRLMAAMTFVAAGVATANAVA***AQVQLQESG**PGLVKPSETLSLTCTVSGGSISSYHWS
 W/
 RQPPGKGLEWIGYIYYSGSTNYPNPSLKNRVTISVDTSKNQFSLNLRSVTAADTAVYYCARG
 TYGPAGDAFDIWGQGTTVTVSSGGGGSGGGGSGGGGSDIQMTQSPSTLSASIGDRVITC
 RASEGIYHWLAWYQQKPGKAPKLLIYKASSLASGAPSRFSGSGSGTDFTLTISLQPDFFAT
 YYCQQYSNYPLTFGGGTKLEIKRAAAHHHHHH

Figure 3



B.

Western Analysis of *pbp:gal2* (pDOW1123) and *oprF:gal2* (pDOW1122)
Expression at the 20L Scale (32 hour induction)

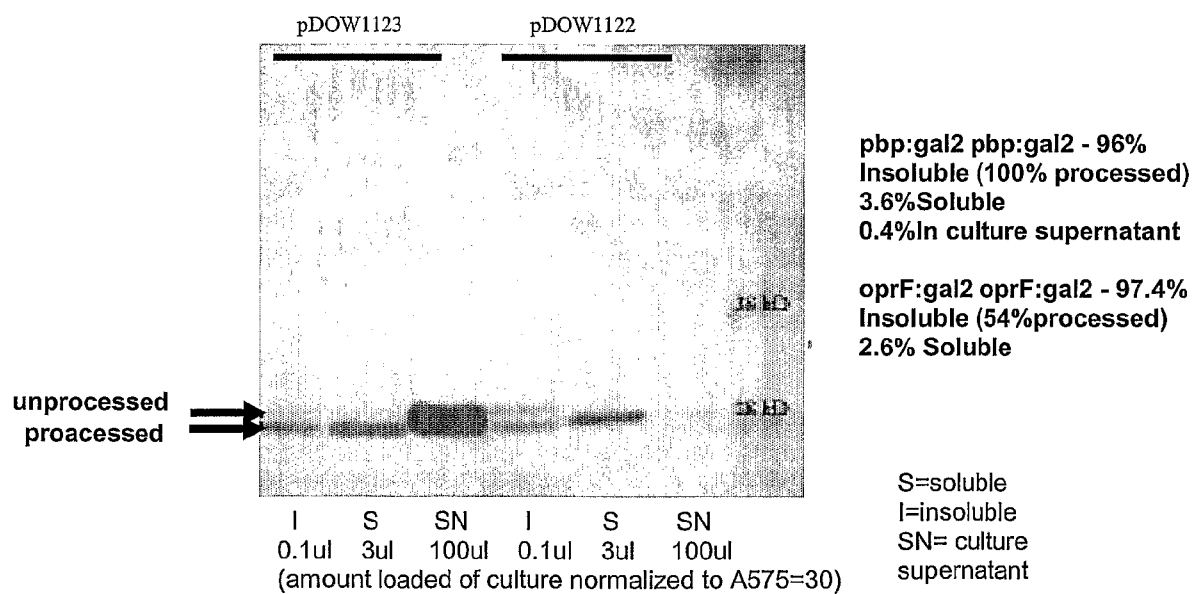


Figure 4

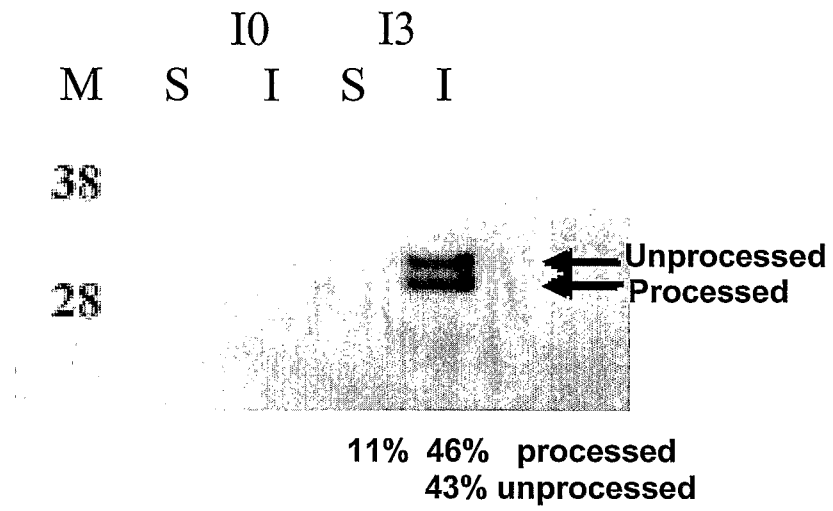
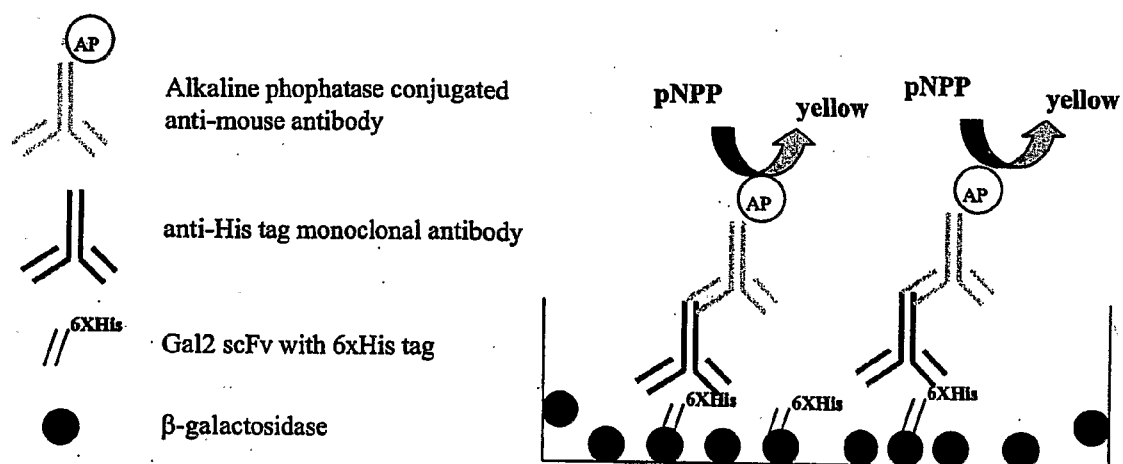


Figure 5

A



B

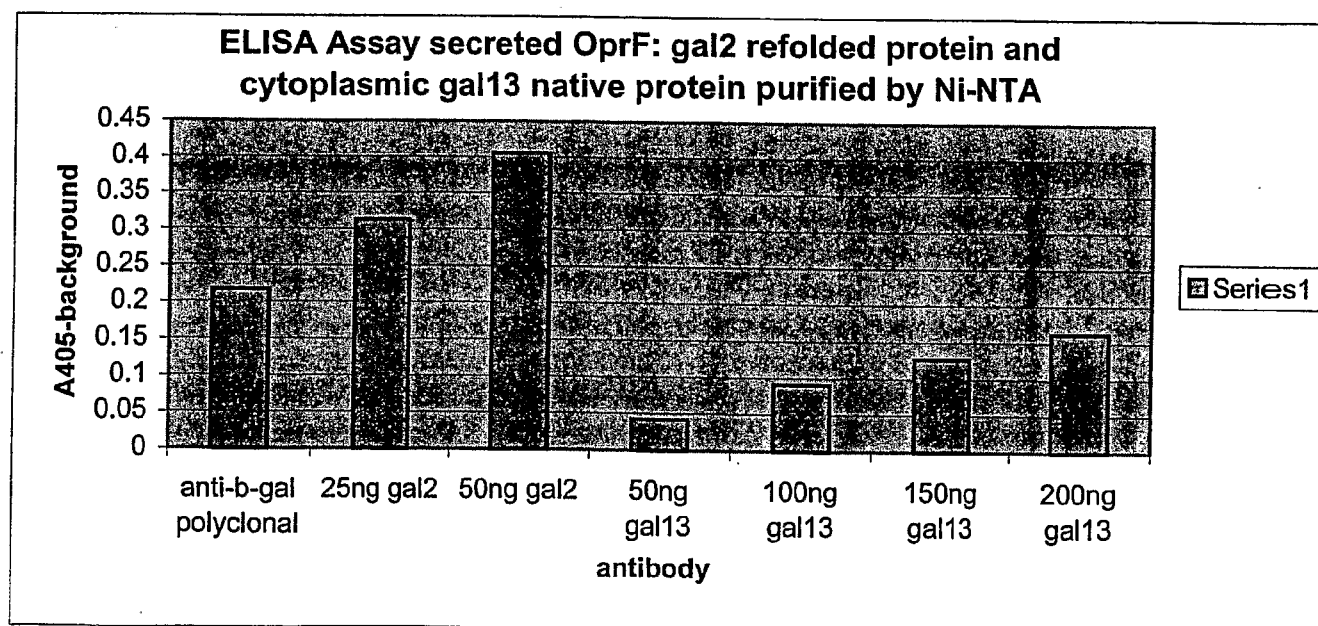


Figure 5 (cont.)

C

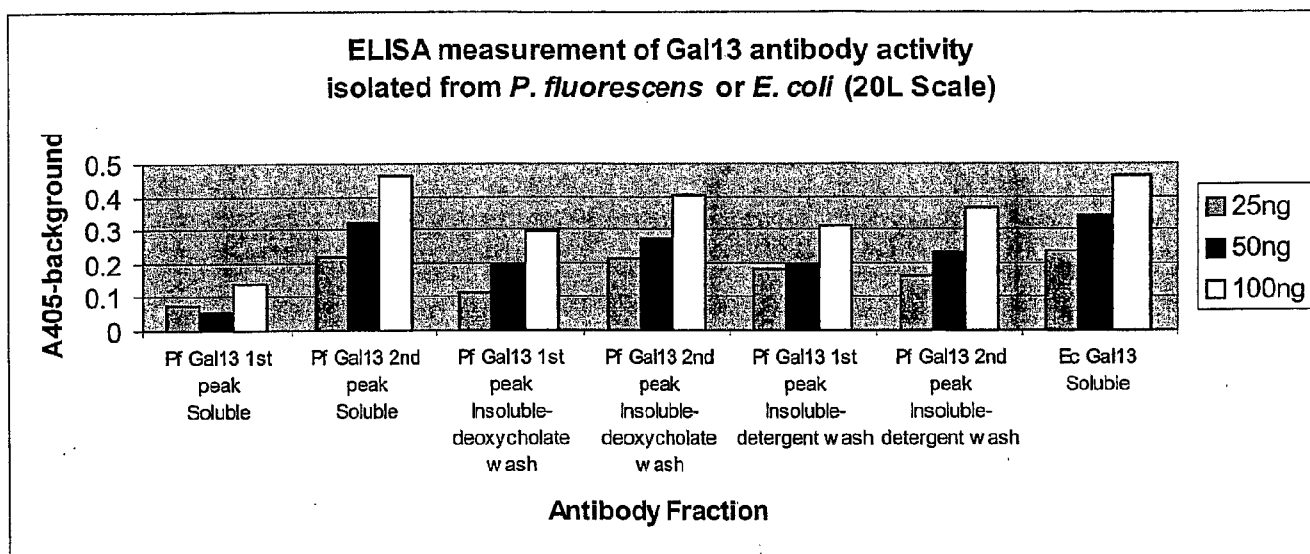


Figure 6

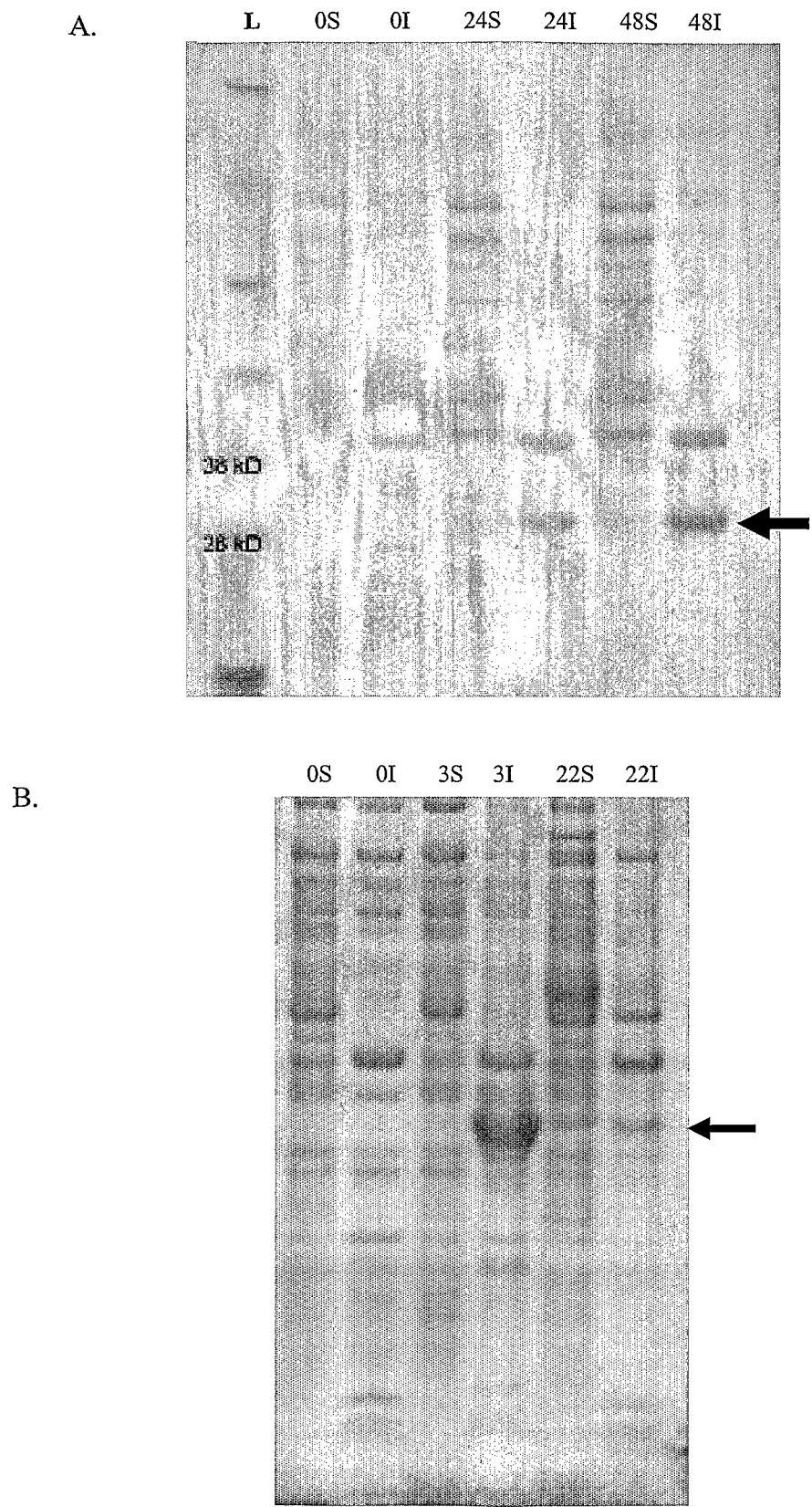


Figure 7

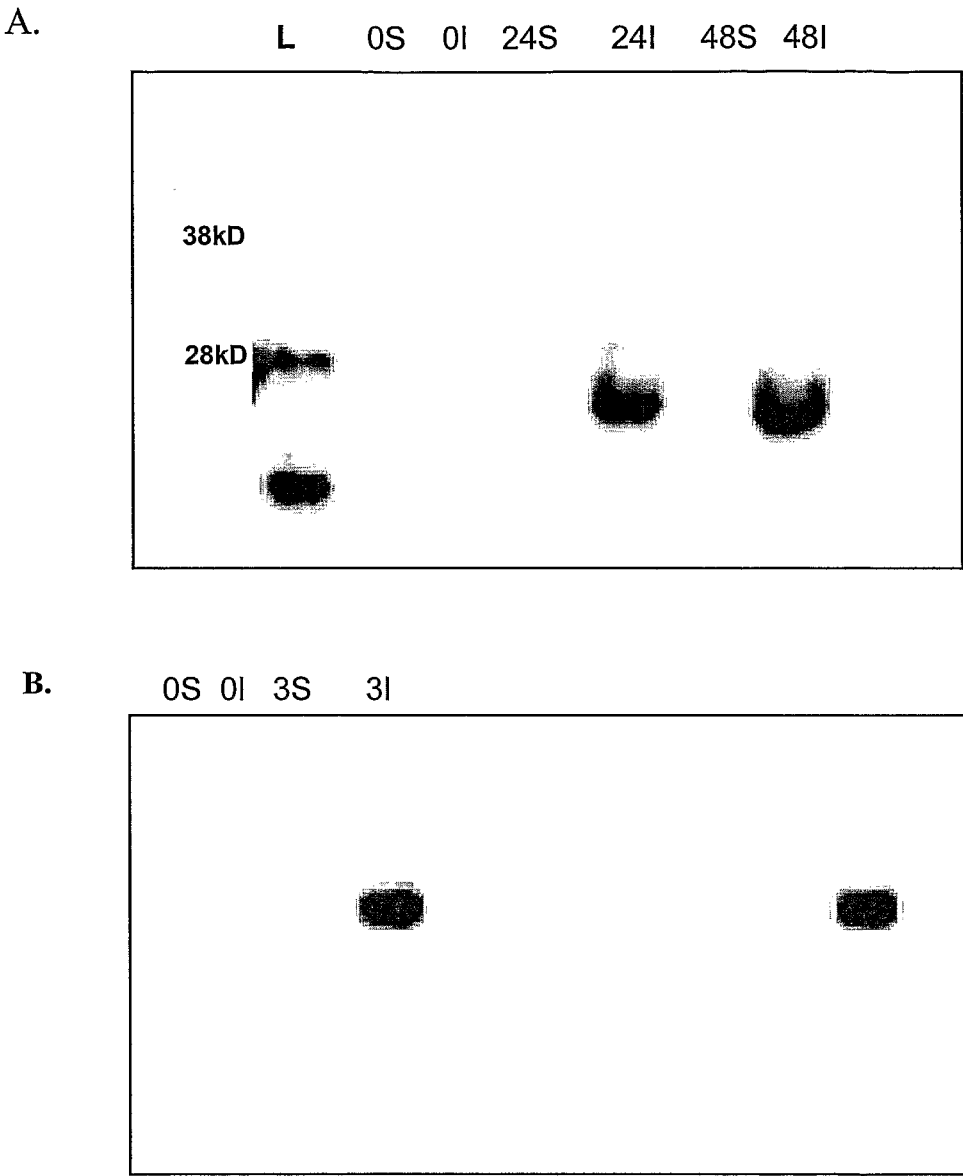


Figure 8

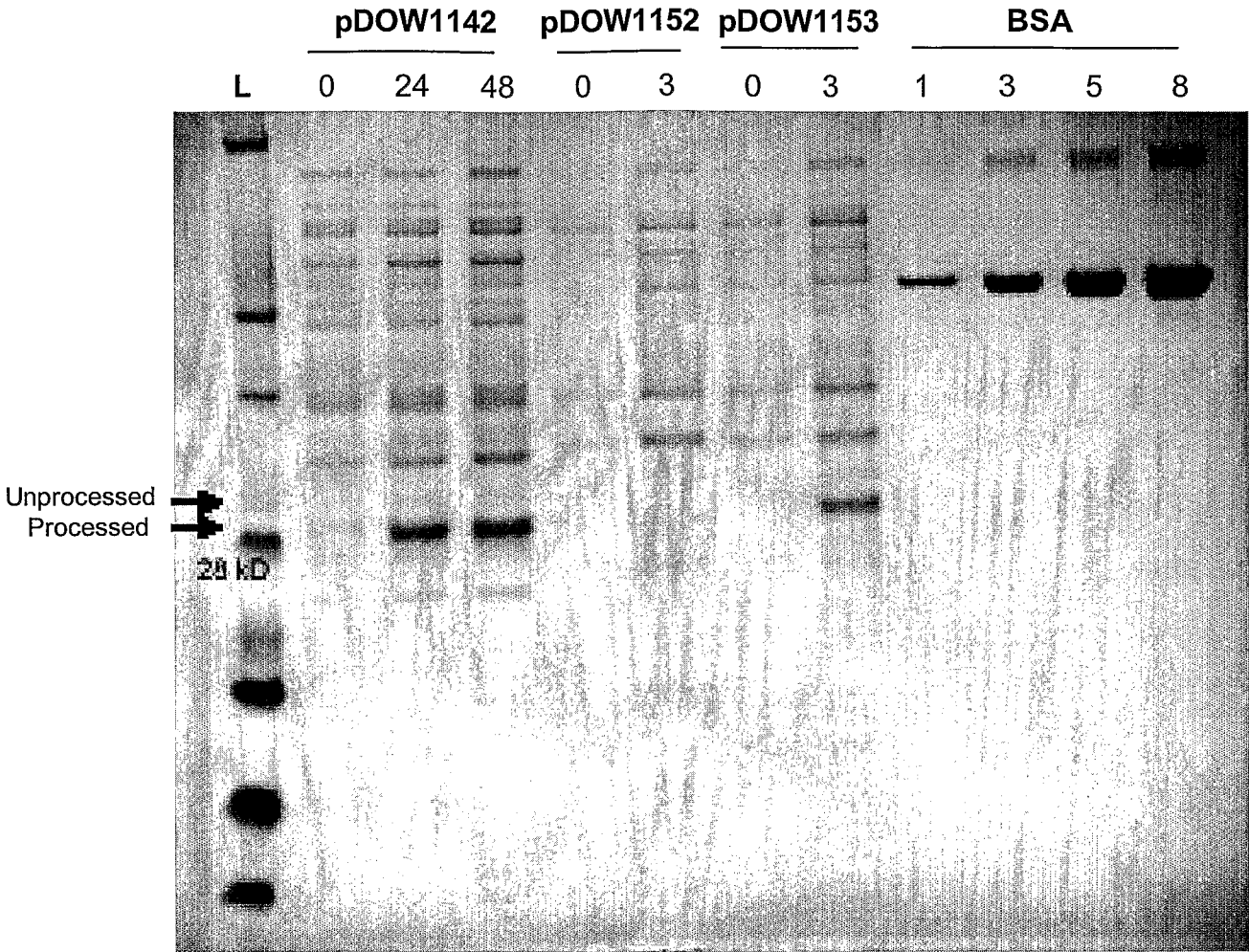


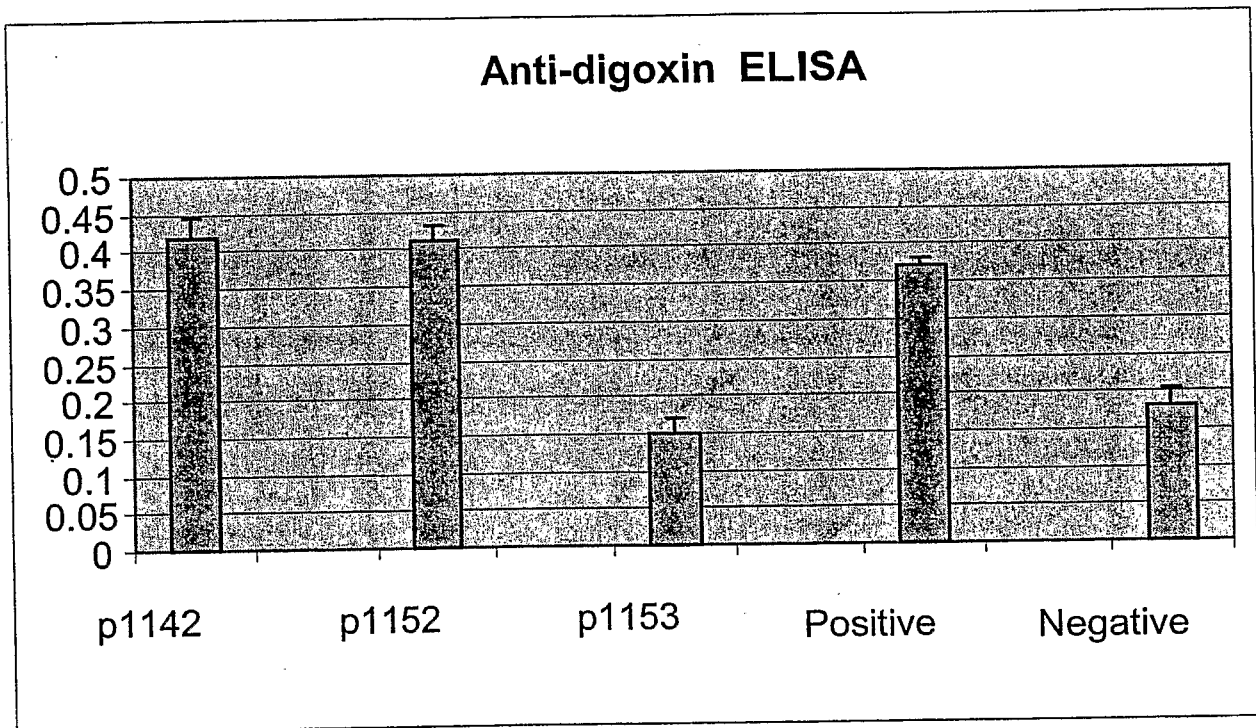
Figure 9

Figure 10

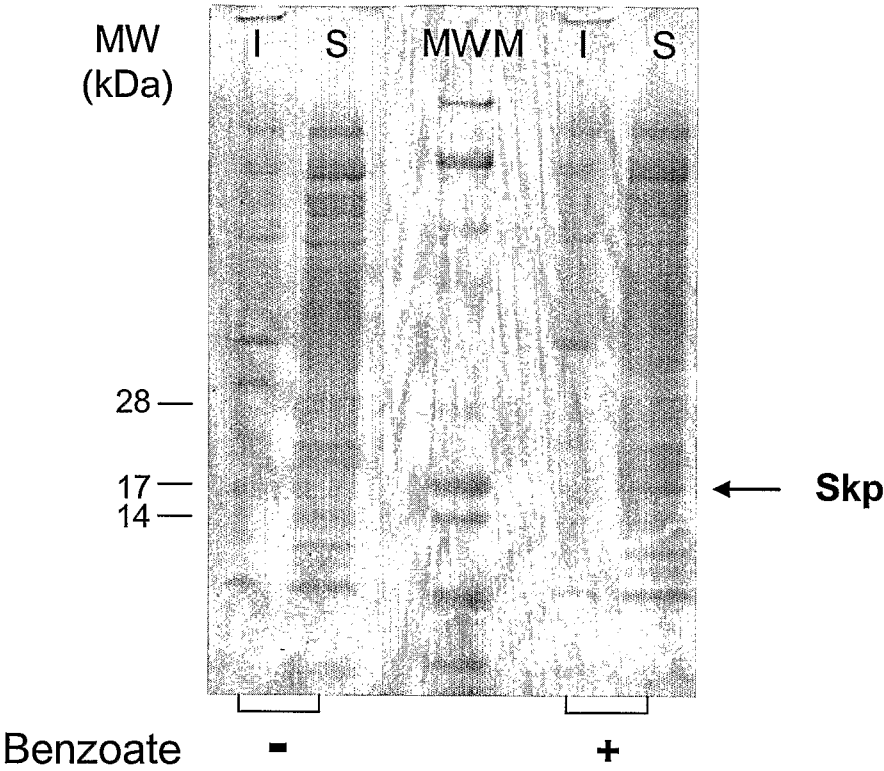


Figure 11

Amino acid sequence of the unprocessed Skp protein. The underlined sequence corresponds to the signal sequence.

MKKWLLAAGLGLALATSAQAADKIAIVNMGSLFQQVAQKTGVSNTLENEFKGRAS
ELQRMETDLQAKMKKLQSMKAGSDRTKLEKDVMARQTFAQKAQAFEQDRARRS
NEERGKLVTRIQTAVKSVANSQDIDLVDANAVAYNSSDVKDITADVLKQVK

Amino acid sequence of the processed Skp protein. The underlined sequence corresponds to the sequence that was identified by MALDI-PSD.

ADKIAIVNMGSLFQQVAQKTGVSNTLENEFKGRASELQRMETDLQAKMKKLQSMK
AGSDRTKLEKDVMARQTFAQKAQAFEQDRARRSNEERGKLVTRIQTAVKSVANS
QDIDLVDANAVAYNSSDVKDITADVLKQV

Figure 12

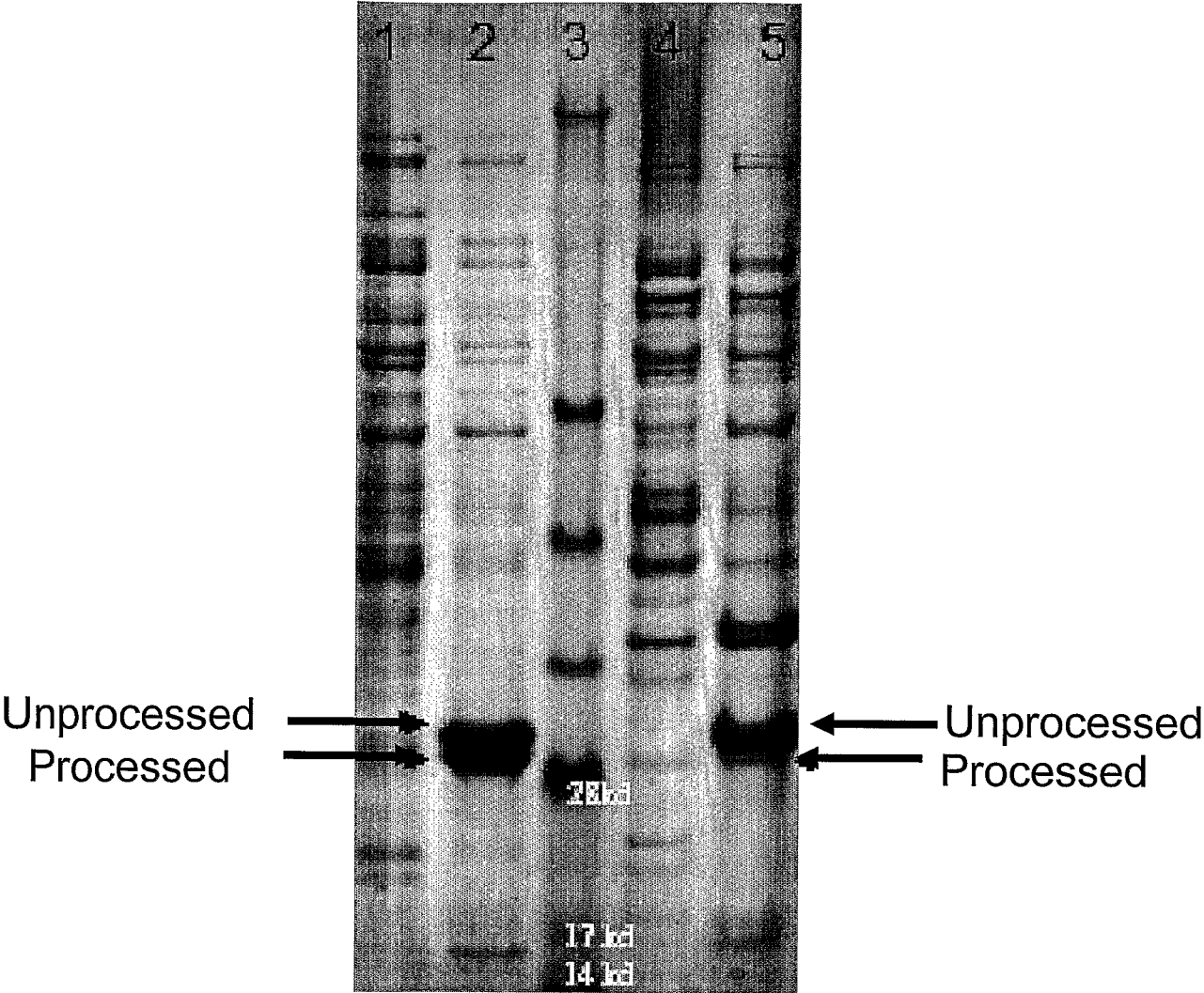


Figure 13



Figure 14

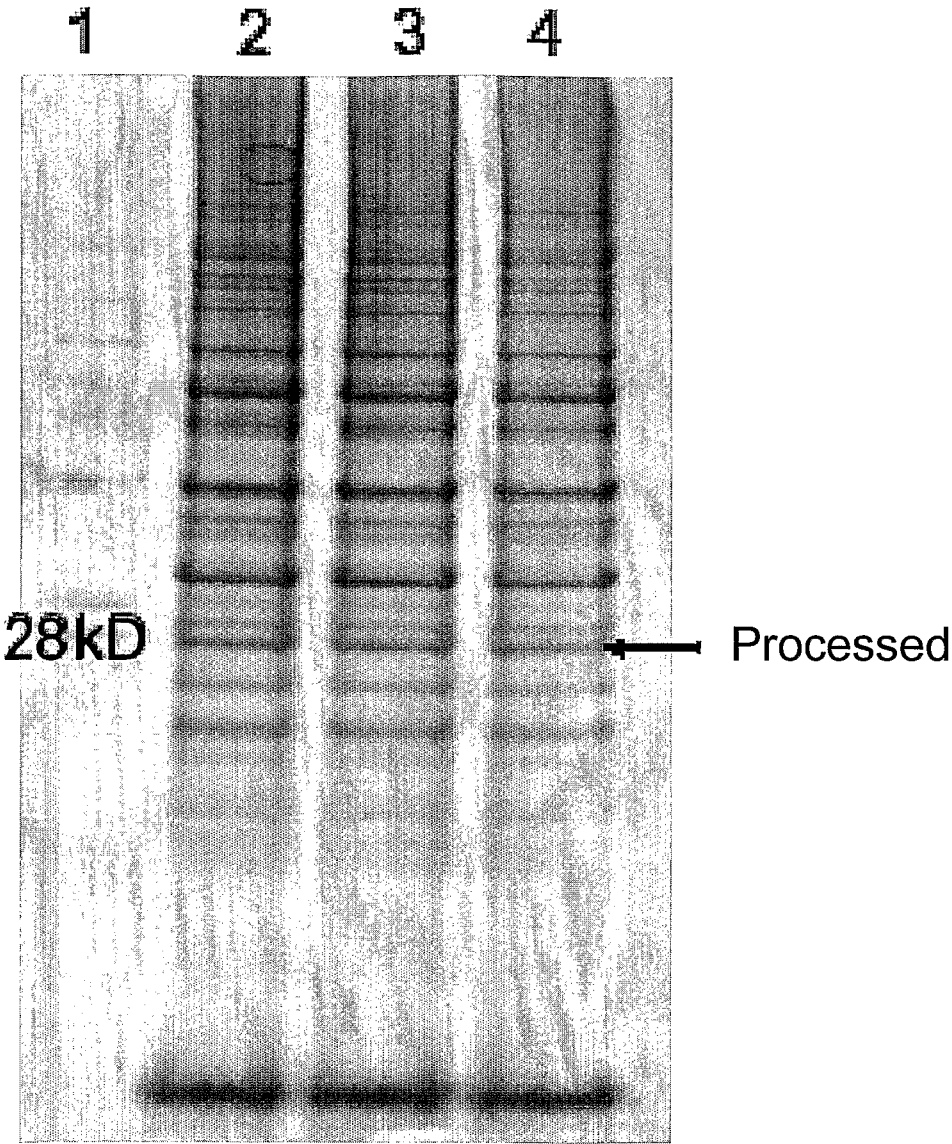


Figure 15