

Supplementary Table 2: Signal sequences

Abbr.	Source ^a	Amino acid sequence ^b	Accession number ^c
DsbAss	<i>E. coli</i> thiol-disulfide interchange protein DsbA	MKKIWLALAGLVLAFSASA	P0AEG4
LamBss	<i>E. coli</i> lambda receptor protein LamB	MMITLRKLLPLAVVAAGVMSAQAMA	P02943
MalEss	<i>E. coli</i> maltose-binding protein MBP	MKIKTGARILALSALTTMMFSASALA	P0AEX9
MglBss	<i>E. coli</i> galactose-binding protein GBP	MNKKVLTLSAVMASMLFGAAAHA	P0AEE5
OmpAss	<i>E. coli</i> outer membrane protein A OmpA	MKKTAIATAVVALAGFATVAQA	P0A910
PeIBss	<i>Erwinia carotovora</i> pectate lyase PeIB	MKYLLPTAAAGLLLLAAQPAMA	P11431
PhoAss	<i>E. coli</i> alkaline phosphatase PhoA	MKQSTIALALLPLLFTPVTKA	P00634
SfmCss	<i>E. coli</i> chaperone protein SfmC	MMTKIKLLMLIIFYLIISASAHA	P77249
TolBss	<i>E. coli</i> protein TolB	MKQALRVAFGFLILWASVLHA	P0A855
TorTss	<i>E. coli</i> periplasmic protein TorT	MRVLLFLLLSLFLMPLPAPS	P38683

^a Organism and protein from which signal sequence is derived

^b Signal sequence given in single letter amino acid code

^c Swiss-Prot