

YFEW_ECO57 MKRTMLYLSL LAVSCSVSAA KYPVLTESSP EKAGFNVERL NQMDRWISQQ VDAGYPGVNL LIIKDNQIVY RKAWGAAKKY DGSVLMAQPV KATTGTLYDL

YFEW_ECO57 ASNTKMYATN FALQKLMS[↓]EG [↓]KLHPDDLIAK YISGFADSPN DTIKGKNTLR ISDLLHHS GG FPADPQYPNK AVAGALYSQD KGQTL[↓]EMIKR TPLEYQPGSK

YFEW_ECO57 HIYSDVDYML LGFIVESVTG QPLDRY[↓]VEES IYRPLGLTHT VFNPLLKGFK PQQIAATELN GNTRDGV[↓]IHF PNIR[↓]TSTHWG QVHDEKAFYS MGGVSGHAGL

YFEW_ECO57 FSNTGDI[↓]AVL MQTMLNGGGY GDVQLFSAET VKMFTTSSKE DATFGLGWRV NGNATMTPTF GTLASPQTYG HTGWTGT[↓]VTV IDPVNHMAIV MLSN[↓]KPHSPV

YFEW_ECO57 ADPQKNPNMF ESGQLPIATY GWVVDQVYAA LKQK



signal sequence

XX

signal cleavage site



active Ser residue



active Lys residue



active Tyr residue