

ToLC schus4 MKKLTLYLLGLFGLFCLALANEDTPVPEYKYAGRPTGTDVAENPYSVEKQYAKADQIKVDN
ToLC LVS MKKLTLYLLGLFGLFCLALANEDTPVPEYKYAGRPTGTDVAENPYSVEKQYAKADQIKVDN
ToLC U112 MKKLTLYLLGLFGLFCLALANEDTPVPEYKYAGRPTGTDVAENPYSVEKQYAKADQIKVDN

ToLC schus4 KFYNLKKADEVAMVGDTEDKYYSLIDIYKLSAEHNADYQAARSTFAANVETVPTALGALL
ToLC LVS KFYNLKKADEVAMVGDTEDKYYSLIDIYKLSAEHNADYQAARSTFAANVETVPTALGALL
ToLC U112 KFYNLKKADEVAMVGDTEDKYYSLIDIYKLSAEHNADYQAARSTFAANVETVPTALGALL

ToLC schus4 PQIDFNYNLRRDLYNQFGGRVNDTSNVVNFSGSQVLFDWKWKTYTQATYLQKSYAMIYA
ToLC LVS PQIDFNYNLRRDLYNQFGGRVNDTSNVVNFSGSQVLFDWKWKTYTQATYLQKSYAMIYA
ToLC U112 PQIDFNYNLRRDLYNQFGGRVNDTSNVVNFSGSQVLFDWKWKTYTQATYLQKSYAMIYA

ToLC schus4 KAEQTLITDVTAYFELLRAEQALQFQFANEAWNKKLYLTQKYQYNSGMVSYADFKTDDA
ToLC LVS KAEQTLITDVTAYFELLRAEQALQFQFANEAWNKKLYLTQKYQYNSGMVSYADFKTDDA
ToLC U112 KAEQTLITDVTAYFELLRAEQALQFQFANEAWNKKLYLTQKYQYNSGMVSYADFKTDDA

ToLC schus4 QYRQAIADRVAQRNFINAKAVMAKLI GKRISSILYISKDTEFGNPVDDINYLNTAEK
ToLC LVS QYRQAIADRVAQRNFINAKAVMAKLI GKRISSILYISKDTEFGNPVDDINYLNTAEK
ToLC U112 QYRQAIADRVAQRNFINAKAVMAKLI GKRISSILYISKDTEFGNPVDDINYLNTAEK

ToLC schus4 YNLIDIAQKKFEYEAQEGVGIQWGFPPQANLTGGIMMSRNALSGSPAQIAEIPTKYDVA
ToLC LVS YNLIDIAQKKFEYEAQEGVGIQWGFPPQANLTGGIMMSRNALSGSPAQIAEIPTKYDVA
ToLC U112 YNLIDIAQKKFEYEAQEGVGIQWGFPPQANLTGGIMMSRNALSGSPAQIAEIPTKYDVA

ToLC schus4 NIGGQVSWNLLRGGSDY AQLKQASYDNQAANYALLQTKREYVAGTVEAYQTIVLDVVRIE
ToLC LVS NIGGQVSWNLLRGGSDY AQLKQASYDNQAANYALLQTKREYVAGTVEAYQTIVLDVVRIE
ToLC U112 NIGGQVSWNLLRGGSDY AQLKQASYDNQAANYALLQTKREYVAGTVEAYQTIVLDVVRIE

ToLC schus4 AFRKSVYSGIASVKAILLEGFEAGTQITVDLLNRQAILVQAQLSFADAI FNYVEDYVSLKQ
ToLC LVS AFRKSVYSGIASVKAILLEGFEAGTQITVDLLNRQAILVQAQLSFADAI FNYVEDYVSLKQ
ToLC U112 AFRKSVYSGIASVKAILLEGFEAGTQITVDLLNRQAILVQAQLSFADAI FNYVEDYVSLKQ

ToLC schus4 LQGS LTYKDIEYINTILGTTDIISQIATE
ToLC LVS LQGS LTYKDIEYINTILGTTDIISQIATE
ToLC U112 LQGS LTYKDIEYINTILGTTDIISQIATE

FtLC schus4 MKVVRYYLLISLGI FAYCASSIANPVADYTSIKQSINNSPQYKFIGQLNSRQMSPAIQ
FtLC LVS MKVVRYYLLISLGI FAYCASSIANPVADYTSINQSINNSPQYKFIGQLNSRQMSPAIQ
FtLC U112 MKVVRYYLLISLGI FAYCASSIANPVADYTSIKQSINNSPQYKFIGQLNSRQMSPAIQ

FtLC schus4 LGRLLPSIDIGGSITATNILDKRTIADGDIAGGRFDSIQGLVTLTQPLYDYGAYKDLQSA
FtLC LVS LGRLLPSIDIGGSITATNILDKRTIADGDIAGGRFDSIQGLVTLTQPLYDYGAYKDLQSA
FtLC U112 LGRLLPSIDIGGSITATNILDKRTIADGDIAGGRFDSIQGLVTLTQPLYDYGAYKDLQSA

FtLC schus4 EETAQFAQQDYRTNYQQFLYDVSYAYFNLAKAIKNVQYNSYNLKS NKQSLNELESKFAG
FtLC LVS EETAQFAQQDYRTNYQQFLYDVSYAYFNLAKAIKNVQYNSYNLKS NKQSLNELESKFAG
FtLC U112 EETAQFAQQDYRTSYQQFLYDVSYAYFNLAKAIKNVQYNSYNLKS NKQSLNELESKFAG

FtLC schus4 TADVADYETVKANYIIAEADYAAAEREKVARAELRKFTNNDDVLLYNNDFKIKQPSLN
FtLC LVS TADVADYETVKANYIIAEADYAAAEREKVARAELRKFTNNDDVLLYNNDFKIKQPSLN
FtLC U112 TADVADYETVKANYIIAEADYAAAEREKVARAELRKFTNNDDVLLYNNDFKIKQPSLN

FtLC schus4 TEEGWHEELTMRSSPSYLGSMHTKESKYYDYQSATSSFMPKVNFEVKYSPGFNDVSSLGNP
FtLC LVS TEEGWHEELTMRSSPSYLGSMHTKESKYYDYQSATSSFMPKVNFEVKYSPGFNDVSSLGNP
FtLC U112 TEEGWHEELTMRSSPSYLGSMHTKESKYYDYQSATSSFMPKVNFEVKYSPGFNDVSSLGNP

FtLC schus4 VFDNLSPSKGTINAFYFGINLTWNI FAGVTDYAQLKKAAYDYQSSEFTMIQTGRVAQNDA
FtLC LVS VFDNLSPSKGTINAFYFGINLTWNI FAGVTDYAQLKKAAYDYQSSEFTMIQTGRVAQNDA
FtLC U112 VFDNLSPSKGTINAFYFGINLTWNI FAGGTDYAQLKKAAYDYQSSEFTMIQTGRVAQNDA

FtLC schus4 MYAFRFVQLKKKEIESLRKSVAAAKIAYEKYKERYDQGTITITQYFILLNQQYQFLIQLN
FtLC LVS MYAFRFVQLKKKEIESLRKSVAAAKIAYEKYKERYDQGTITITQYFILLNQQYQFLIQLN
FtLC U112 MYAFRFVQLKKKEIESLRKSVAAAKIAYEKYKERYDQGTITITQYFILLNQQYQFLIQLN

FtLC schus4 NTEFDYIMGFLSLYKTAGILTAKTVQDFNNWLLLGQDVEL
FtLC LVS NTEFDYIMGFLSLYKTAGILTAKTVQDFNNWLLLGQDVEL
FtLC U112 NTEFDYIMGFLSLYKTAGILTAKTVQDFNNWLLLGQDVEL
