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EXPB11cs2 MASSS-----IAVAAALILCILVAHAHGCYAKHH-----AAPSAANSS-----WLDAKATWYGAPHGAGPDDNGG

EXPB11wy MASSS-----IAVAAALILCILVAHAHGCYAKHH-----AAPSATNSS-----WLDAKATWYGPPHGAGPDDNGG

EXPB11hp MASSS-----IAVAAALILCILVAHAHGCYAKHH-----AAPSAANSS-----WLDANATWYGAPHGAGPDDNGG

OsEXPB7 MAGRSRRRSFWSVGVAALLCLLAA--HGCSAKHHKPKPTPGGISGNASSSSSSNSTPSIPPPVAPTPTAPTPPIPSPGTGSSNGSSGGGGGGWLNARATWYGAPNGAGPDDNGG

ZmEXPB1 MGSLVN-----NIMVVGAVLAALVAGGSCGPPKVP-----PGPNITTNYN-----GKWLTAARATWYGQPNGAGAPDNGG

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EXPB11cs2 ACGFKNVNLPFFSSMTSCGNQPLFKDGKGCSCYQIRCLKPDHPACSGVPKTVIITDMNYYPVSRYPHFDLSGTAFGAMAKDGRNDELRRHAGMINMQFKRRVPCQYP-GLTVTFHV

EXPB11wy ACGFKNVNLPFFSSMTSCGNQPLFKDGKGCSCYQIRCLKSDHPACSGVPKTVIITDMNYYPVSRYPHFDLSGTAFGAMAKDGRNDELRRHAGMINMQFKR-VPCQYP-GLTVTFHV

EXPB11hp ACGFKNVNLPFFSSMTSCGNQPLFKDGKGCSCYQIRCLKSDHPACSGVPKTVIITDMNYYPVSRYPHFDLSGTAFGAMAKDGRNDELRRHAGMINMQFKRRVPCQYP-GLTVTFDV

OsEXPB7 ACGFKNVNLPFFSMTSCGNEPLFKDGKGCSCYQIRCVG--HPACSGLPETVIITDMNYYPVSLYPHFDLSGTAFGAMAKDNRNDELRRHAGIIDIQFRR-VPCQYP-GLTVTFHV

ZmEXPB1 ACGIKNVNLPPIYSGMTACGNVPIFKDGKGCSCYEVRCKE--KPECSGNPVTVIITDMNYPEIAPYPHFDLSGKAFGSLAKPGLNDKIRHCGIMDVEFRR-VRCKYPAGQKIVFHI

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EXPB11cs2 EEGSNPFYMAILVEYENGDNVNQLDIMESRP---NGGKMAPTGQWVPMKESWGS IWRMDAHHPMKAPFSLRITNESGKTLVAEQVIPIDWKPNKTYSSLVQFH

EXPB11wy EEGSNPFYMAILVEYENGDNVNQLDIMESRP---NGGKMAPTGQWVPMKESWGS IWRMDAHHPMKAPFSLRITNESGKTLVAEQVIPIDWKPNKTYSSLVQFH

EXPB11hp EEGSNPFYIAILVEYEDGDGDVKQLDIMESRPGAVSGGKMAPTGQWVPMKESWGS I-----

OsEXPB7 EQGSNPVYMAILVEYENGDDVVQVDLMESRYS-TGGVDGTPTGVWTPMRESWGS IWRDLTNHPLQGPFSLRITNESGKTLIADQVIPADWQPNNTVYSSIVQFD

ZmEXPB1 EKGCPNPYLAFLVKYVADDGDIVLMEIQDKLS-----AEWKPMKLSWGA IWRMDTAKALKGPFSLRITNESGKKVIAKDVIPANWRPDAVYTSNVQFY