

1
OXA23 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_ANC_4097 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_BM4706 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_BM4707 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_BM4708 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_BM4709 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_BM4710 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_BM4711 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_BM4712 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK
acin_baum_MRSN_3405 MNKYFTCYVV ASLFLSGCTV QHNLINETPS QIVQGHNOVI HQYFDEKNTS GVLVIQTDKK

61
OXA23 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_ANC_4097 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_BM4706 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_BM4707 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_BM4708 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_BM4709 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_BM4710 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_BM4711 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_BM4712 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG
acin_baum_MRSN_3405 INLYGNALSR ANTEYVPAST FKMLNALIGL ENQKTDINEI FKWKGEKRSF TAWEKDMTLG

121
OXA23 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_ANC_4097 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_BM4706 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_BM4707 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_BM4708 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_BM4709 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_BM4710 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_BM4711 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_BM4712 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF
acin_baum_MRSN_3405 EAMKLSAVPV YQELARRIGL DLMQKEVKRI GFGNAEIGQQ VDNFWLVGPL KVTPIQEVF

181
OXA23 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_ANC_4097 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_BM4706 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_BM4707 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_BM4708 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_BM4709 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_BM4710 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_BM4711 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_BM4712 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK
acin_baum_MRSN_3405 VSQLAHTQLP FSEKVQANVK NMLLLEESNG YKIFGKTGWA MDIKPQVGWL TGWVEQPDGK

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OXA23 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_ANC_4097 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_BM4706 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_BM4707 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_BM4708 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_BM4709 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_BM4710 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_BM4711 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_BM4712 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII
acin_baum_MRSN_3405 IVAFALNMEM RSEMPASIRN ELLMKSLKQL NII