

Dme176V [19] HGYLLFSDKPVQIPSSFEHHCLRLINLTEIDTIADYFEQRLRTDYHAPQVKFL
Dme297V [34] HGYYLLFSDKPVQIPSSFEHHSLKINLTEIDIVVDYFEQRLRTDYHAPQINFL
DanTomV [23] HGYYLLFSSKPIQRPSAFEHHCLTVNLTEINTITTYFGNKIQNSTDTPRIKFL
DmeIdeV [74] NGYLI FQTGTMEIPTSYEYHYLSINITKTMLMFEDIVSEANNYPNV PQIQYL
DviTv1V [12] ITDISYLKQEPTRQITNSHCLTVNITKTEETFNNLIEQSKEFNNLIQIEYL
DmeTir [27] APIAKIELGKALLIERYKIISHVINLQDYSRCMEQFHLTINKFNP DSTLTDS
DmeZamV [30] NLLAKVPVGKTLVIGNYKKISHIIDLSEYTNCIEKLYHTIDTTLRQDET LTDS
TniTedV [34] PGLIPYKLGPTRLTIHYHSFIQPIDLNDIENKIDSVQTQLNTFRTKLDNETY

I

DmeGypV [18] RIAR-SLDFLGTALKVVAGTPDATDLFKIKITEAQLVESN [37]
DviGypV [18] RFAR-SLDFLGTALKVVAGTPDPSDFLRIRVTETQLVEAN [48]
DsuGypV [18] RFAR-SLDFLGTALKVVAGTPDASDFLKVRITEAQLVESN [48]
CcaYoyV [15] RIRR-SFDILGTAWKYL AGSPDHDDLNM INNNLDKLITNN [48]
Dme176V [15] RNKRGLINIVGSGVFKYLF GTLDENDRVDIQRKLETNAHNS [39]
Dme297V [15] RNKRGFINIVGSGFKYLF GTLDENDRVEIQKKLEINVHNS [39]
DanTomV [17] RQKRGLFNFVGS AFKFLFGTLD DNDRIQFE EKLNSEAENS [39]
DmeIdeV [15] RSKRGLLN VVGKAYKYLF GTLDEDDREEL E EKINNMSEDS [42]
DviTv1V [15] RNKRGLVNIVGTAYKYLF GTLDQEDKAEIEQKISNLAENS [43]
DmeTir [22] RNKRGLINGLGSLVKAVTGNMDANDNKEIHEELDN IKKNS [72]
DmeZamV [12] RHKRGLINGLGSLVKVVTGNMDANDAKNIETEINH LKSQS [72]
TniTedV [27] RVKRGLIDGLGSIVKSVTGNLDYQDA LKYDEAL KTLQTNE [72]

II

DmeGypV LSTEIQNLILTTITLVKSNIIINPTILDHADL [42] K VAVYPVSHQHTILRLDEDTLAECEHDTF [73]
DviGypV LNSEIQNLVLTITITLAKASIVNPTILDHTDL [42] K VSVYFVSHQQTILRLDEDTLAECEKDTF [73]
DsuGypV L NTEIQNLILTTITLAKANIVNPTILDHADL [42] K VSVYPVSHQQTILRLDEDTLAECERDTF [73]
CcaYoyV IKEEIIINIKYAIQWARLGIVNTIILNKKEI [8] KENMPFNTVEEALELADINVLSNSTTILY [121]
Dme176V FTEYIEDVEMGMQLSRLGLFNPKLLNYDKL [40] KIIPYPDSNGYQLEYTDTQSYFERENKVY [67]
Dme297V FTEYIEDLEAMAMQLSRLGLFNPKLLNYDKL [40] KIIPYPDSNGYQLDYTDTQSYFEKENKVY [67]
DanTomV FIEYIEDLEMGGMQLSRLGLFNPKLLNYDKL [40] KIIPYPDRNGYQLEYSGSDSYFENDNKIY [67]
DmeIdeV FTEYIEDIELGLQLTRLGIFNPRLLKH DYL [40] QIVPYPDEHNYILTEQIFDKFYIFDNQVF [66]
DviTv1V FTEYIEDIEMGMQLTRLGIFNPKLLKH DYL [40] EIIPYPDENNNILTEIAHEKYFTQDKKVY [66]
DmeTir FINHLNDITESMLLAKINII PKFILNEQEM [52] RLVPLPINNTYFVITPNYLAYNINNKKFH [81]
DmeZamV LVSHLSDIIESTLLAKINVIPKLI LDKTEI [52] RLIPLPINSTQFVIAPKYLIYNNKSNSMF [81]
TniTedV LMLEIIRLENMMAFIRASSTHSMIDIEAL [64] RQLALIPSSPYIATDEKSFVYIEAECPKY [78]

III

IV

DmeGypV TYLVTFERTA [76] GLIGSLALYLALRRRRASREIQRTIDTFNMTE [12]
DviGypV TFLITTFERSA [76] GLIGSFFLFLVLRKRRASMQMQKAIDKYDMPE [12]
DsuGypV TFLITTFERSA [76] GLICSFILFMVLRRRRASLKIQKALDNFNMTE [12]
CcaYoyV TYIINFRNAS [73] IILMASAINYFHKKTKSTKPTESSESDNQLQE [24]
Dme176V NKMIVTQCK [69] YVSFNPFMMLYAKLKL RKNQNQNTAQQIEMED [14]