

BVMOAf1 (1) -----MTRIRPDYDAIVIGAGISGVRSRLWELR-RLGLTARCFDAG-SDVGG
 BVMOAf2 (1) -----MDYDIIIVGAGISGINAAYRIQSQLPSHRYAILEARNAIGG
 BVMOAf3 (43) DPPSSSPPLSKVHTSTMSEHYLDALVVGTFSGIYALQSLL-KLNKVKAIIDAA-SDVGG
 CAMO (1) -----MGSIPEVLNVLDLVVGAGVAGIYSTYRLS-RAGLNVCQIDTA-GDVGG
 CHMO (1) -----MSQKMFDAIVIGGGGGLYAVKKLRDELELKVQAFDKA-TDVAG
 HAPMO (121) TAEEDLRAPRWHKDHVASGRDFKVVIIIGAGESGMIAALRFK-QAGVPFVIYEKG-NDVGG
 CPDMO (52) CDEYLDKPYADPIVRDPVVRDVFIIIGGGGGLLAAVRLQQAGVSDYVMVERA-GDYGG
 PAMO (1) -----MAGQTTVDSRRQPPEEVDVLVVGAGFSGLYALYRLR-ELGRSVHVIETA-GDVGG

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BVMOAf1 (45) TWWNRYPGCRDTGEAWVYALKELPELLEEWDFTERYPPQEEIQWYLSRVLDRYDLRKDI
 BVMOAf2 (42) TWDLFKYPGIRSDSLFTFGFSWN-----PWNQDTPIAEGASISKYMRDTAAQYGIDKHI
 BVMOAf3 (101) TWYWSRYPGAMSDSWSHLYRYSFD-YE---YPLYRRYVSQPEMLAYLRHVVEKYDLRGHM
 CAMO (47) TWYWNRYPGAMSDTETYLRYSDWKEDLRSYPWSNHVYVQPEILQYLRHVVERHDLRKYI
 CHMO (45) TWYWNRYPGALSDTETHLYCYSDWKELLQSLEIKKKYVQGFDPVRKYLQQVAEKHDLKKS
 HAPMO (179) TWRENTYPGCRVDINSFWYSFSA-RGI--WDCFPAP--APQVFAYMQAVAREHGLIYEHI
 CPDMO (111) TWYWNRYPGAQCDIESYVYMPLEEMG---YIPTEKYPAGTEILEYRSISGRKFGLYERT
 PAMO (54) VWYWNRYPGARCIDESIEYCYSFSEEVLEQVNWNTERYASQPEILRYINNFVADKFDLRS

BVMOAf1 (105) EFNTEVKSAAHYSDDHSIWKITFASG---KVATARYFLPATGITS-IPKEEPPFGLQSEFK
 BVMOAf2 (97) HFQHRLLAADWSSADNVWKLAVDHEGESKSYTARFVI FTGTYNYHEELAADVPGLSQFQ
 BVMOAf3 (157) QFNTDMSAVWDDEGTSTTRVSCKTG---DVFHVRYLLTALGLLT-KANYPDLPGLQTFR
 CAMO (107) RFDTEMQAKAVWDDQRSIWNVISCSGD---LVHTRYLVNCLGLLS--KENYPDIKIGTSFSA
 CHMO (105) QFNIAVQSAHYNEADALWEVTTEYG---DKYTARFLITALGLLS--AENLPNIKGINQFK
 HAPMO (234) RFNTEVSDAHWDESTQRWQLLYRDSEGQTQVDSNNVVFAVGQNLN--RPMIPAIPIGIEFTK
 CPDMO (168) YFQTEVKDLSWDDEAARWRITDRG---DKFSARFVCMSTGPLQ--REKLPGIPGITSFK
 PAMO (114) TFHTTVTAAAFDEATNTWTVDINHG---DRIRARYLIMASGQLS--VQLPNPFGLKDF

BVMOAf1 (160) GEVYQTSWPAHE-----IEFENKRIYIGTGSTGIQVITKLAPVAEQILVFORPT
 BVMOAf2 (157) GQVIHPQFWPQD-----LDYTDKKVVIIGSGATAVTL LPKMAEKAAKVMTLQRSP
 BVMOAf3 (212) GEIRHTSAWDTD-----VELQKTVGIIIGNGSTGVQVMTAIPKVSRLVSFORHP
 CAMO (162) GDLIHTAKWDHS-----VSFEGKRVGVIGTGSTGVQVITAVAPLAKHLTVFORSA
 CHMO (160) GELHHTSRWPDD-----VDWSGKRVGVIGTGSATQFIPQLAQTAAEKLVFARTT
 HAPMO (292) GPMFHSAQWDHD-----VDFSGQRVGVIGTSSSGIQVSPQIAKQAAELFVFORPT
 CPDMO (223) GHSFHTSRWDYSYTGDDQTGNLEGLKDKRVAITGTGATSIQAVPHLAAYAQELYVIQRT
 PAMO (169) GNLYHTGNWPHEP-----

BVMO fingerprint

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