

SEQ ID NO:1

XKVLRKGD RGDEVXQLQTLLNLXGYDVGKPDGIFGNNTFNQVVKFQKDNXLDS DGIVGK
NTWAELFSKYSPPIPYKTIPMPXANKSRAAATPVMNAVENATGVRSQLLLLTFASIESAFDY
EXKAKTSSATGWFQFLTGTWKTMIENYGXKYGVXTDPTGXLRKDPRXSALMGAELIKEX
XNILRPXLKREPTD TDLYLAHFFGPGXARRFLXTGQNELAATHFXKEAQAXPXIFYNKDGS
PKTIQEVYNLMDGKVAAHRK

SEQ ID NO:2

KVLRKGD RGDEVCQLQTLLNL CGYDVGKPDGIFGNNTFNQVVKFQKDNCLDS DGIVGKN
TWAELFSKYSPPIPYKTIPMTANKSRAAATPVMNAVENATGVRSQLLLLTFASIESAFDYEI
KAKTSSATGWFQFLTGTWKTMIENYGMKYGVLT DPTGALRKDPRISALMGAELIKENMNI
LRPVLKREPTD TDLYLAHFFGPGAARRFLTTGQNELAATHFPKEAQANPSIFYNKDGSPK
TIQEVYNLMDGKVAAHRK

SEQ ID NO:3 (M=Selenomethionine)

KVLRKGD RGDEVCQLQTLLNL CGYDVGKPDGIFGNNTFNQVVKFQKDNCLDS DGIVGKN
TWAELFSKYSPPIPYKTIPMTANKSRAAATPVMNAVENATGVRSQLLLLTFASIESAFDYEI
KAKTSSATGWFQFLTGTWKTMIENYGMKYGVLT DPTGALRKDPRISALMGAELIKENMNI
LRPVLKREPTD TDLYLAHFFGPGAARRFLTTGQNELAATHFPKEAQANPSIFYNKDGSPK
TIQEVYNLMDGKVAAHRK

SEQ ID NO:4

KVLRKGD RGDEVCQLQTLLNL CGYDVGKPDGIFGNNTFNQVVKFQKDNCLDS DGIVGKN
TWAELFSKYSPPIPYKTIPMTANKSRAAATPVMNAVENATGVRSQLLLLTFASIASAFDYEI
KAKTSSATGWFQFLTGTWKTMIENYGMKYGVLT DPTGALRKDPRISALMGAELIKENMNI
LRPVLKREPTD TDLYLAHFFGPGAARRFLTTGQNELAATHFPKEAQANPSIFYNKDGSPK
TIQEVYNLMDGKVAAHRK

SEQ ID NO:5

MKVLRLKGDRGDEV CQLQTLLNL CGYDVGKPDGIFGNNTFNQVVKFQKDNCLDSDGIVGK
NTWAELFSKYSPPIPYKTIPMPTANKSRAAATPVMNAVENATGVRSQLLLTFASIESAFDY
EIKAKTSSATGWFQFLTGTWKTMIENYGMKYGVLT DPTGALRKDPRISALMGAELIKENM
NILRPVLKREPTD TDLYLAHFFGPGAARRFLT TGQNELAATHFPKEAQANPSIFYNKDGSP
KTIQEVYNLMDGKVAHRK

SEQ ID NO:136

MRGLRRLGRKIAHGVKKYGPTVLRIRIAGGSKVLRKGDRGDEVsQLQTLLNLCGYDVGK
PDGIFGNNTFNQVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEIKAKTSSATGWFQFLTGTWKTMIENYGMK
YGVLTDPGTALRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGAARRFL
TTGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:137

MRGLRRLGRKIAHGVKKYGPTVLRIRIAGGSKVLRKGDRGDEVcQLQTLLNLCGYDVGK
PDGIFGNNTFNQVVKFQKDNCLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEIKAKTSSATGWFQFLTGTWKTMIENYGMK
YGVLTDPGTALRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGvARRFL
TTGQNELAATHFPKEAQANPtIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:138

MRGLRRLGRKIAHGVKKYGPTVLRIRIAGGSKVLRKGDRGDEVcQLQTLLNLCGYDVGK
PDGIFGNNTFNQVVKFQKDNCLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYE_mKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPGT_tLRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGvARRFL
TTGQNELAATHFPKEAQANPtIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:139

MRGLRRLGRKIAHGVKKYGPTVLRIRIAGGSKVLRKGDRGDEVsQLQTLLNLCGYDVGK
PDGIFGNNTFNQVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYE_mKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPGT_tLRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGAARRFL
TTGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:140

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNLsGYDVGKP
DGIFGNNTFNQVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAAAT
PVMNAVENATGVRSQLLLTFASIESAFDYEIAKTSSATGWFQFLTGTWKTMIENYGMKY
GVLTDPTGALRKDPRISALMGAELIKENMNILRPVLKREPTD TDLYLAHFFGPGAARRFLT
TGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:141

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNLcGYDVGK
PDGIFGNNTFNQVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEmKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPTGtLRKDPRISALMGAELIKENMNILRPVLKREPTD TDLYLAHFFGPGvARRFL
TTGQNELAATHFPKEAQANPtIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:142

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNLcGYDVGK
PDGIFGNNTFNQVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEmKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPTGtLRKDPRISALMGAELIKENMNILRPVLKREPTD TDLYLAHFFGPGnARRFL
TTGQNELAATHFPKEAQANPtIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:151

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVcQLQTLLNLcGYDVGK
PDGIFGNNTFNQVVKFQKDNCLSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAA
ATPVMNAVENATGVRSQLLLTFASIESAFDYEIAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPTGALRKDPRISALMGAELIKENMNILRPVLKREPTD TDLYLAHFFGPGAARRF
LTTGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH