

SEQ ID NO:1

XKVLRKGD RGDEVXQLQTLLNLXGYDVGKPDGIFGNNTFNQVVKFQKDNXLDS DGIVGK
NTWAELFSKYSPPIPYKTIPMPXANKSRAAATPVMNAVENATGVRSQLLLTFASIESAFDY
EXKAKTSSATGWFQFLTGTWKTMIENYGXKYGVXTDPTGXLRKDPRXSALMGAELIKEX
XNILRPXLKREPTD TDLYLAHFFGPGXARRFLXTGQNELAATHFXKEAQAXPXIFYNKDGS
PKTIQEVYNLMDGKVAAHRK

SEQ ID NO:2

KVLRKGD RGDEV CQLQTLLNL CGYDVGKPDGIFGNNTFNQVVKFQKDNCLDS DGIVGKN
TWAELFSKYSPPIPYKTIPMPTANKSRAAATPVMNAVENATGVRSQLLLTFASIESAFDYEI
KAKTSSATGWFQFLTGTWKTMIENYGMKYGVLT DPTGALRKDPRISALMGAE LIKENMNI
LRPVLKREPTD TDLYLAHFFGPGAARRFLT TGQNELAATHFPKEAQANPSIFYNKDGSPK
TIQEVYNLMDGKVAAHRK

SEQ ID NO:3 (M=Selenomethionine)

KVLRKGD RGDEV CQLQTLLNL CGYDVGKPDGIFGNNTFNQVVKFQKDNCLDS DGIVGKN
TWAELFSKYSPPIPYKTIPMPTANKSRAAATPVMNAVENATGVRSQLLLTFASIESAFDYEI
KAKTSSATGWFQFLTGTWKTMIENYGMKYGVLT DPTGALRKDPRISALMGAE LIKENMNI
LRPVLKREPTD TDLYLAHFFGPGAARRFLT TGQNELAATHFPKEAQANPSIFYNKDGSPK
TIQEVYNLMDGKVAAHRK

SEQ ID NO:4

KVLRKGD RGDEV CQLQTLLNL CGYDVGKPDGIFGNNTFNQVVKFQKDNCLDS DGIVGKN
TWAELFSKYSPPIPYKTIPMPTANKSRAAATPVMNAVENATGVRSQLLLTFASIASAFDYEI
KAKTSSATGWFQFLTGTWKTMIENYGMKYGVLT DPTGALRKDPRISALMGAE LIKENMNI
LRPVLKREPTD TDLYLAHFFGPGAARRFLT TGQNELAATHFPKEAQANPSIFYNKDGSPK
TIQEVYNLMDGKVAAHRK

SEQ ID NO:5

MKVLRLKGRGDEVCCQLQTLLNLCGYDVGKPDGIFGNNTFNQVVKFQKDNCLDSDGIVGK
NTWAELFSKYSPPIPYKTIPMPTANKSRAAATPVMNAVENATGVRSQLLLLTFASIESAFDY
EIKAKTSSATGWFQFLTGTWKTMIENYGMKYGVLTDPGTALRKDPRISALMGAELIKENM
NILRPVLKREPTDLDLYLAHFFGPGAARRFLTGTQNELAATHFPKEAQANPSIFYNKDGSP
KTIQEVYNLMDGKVAAHRK

SEQ ID NO:136

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNL CGYDVGK
PDGIFGNNTFNQVVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEIKAKTSSATGWFQFLTGTWKTMIENYGMK
YGVLTDPGTALRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGAARRFL
TTGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:137

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVcQLQTLLNL CGYDVGK
PDGIFGNNTFNQVVVKFQKDNCLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEIKAKTSSATGWFQFLTGTWKTMIENYGMK
YGVLTDPGTALRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGvARRFL
TTGQNELAATHFPKEAQANPiIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:138

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVcQLQTLLNL CGYDVGK
PDGIFGNNTFNQVVVKFQKDNCLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEmKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPGTiLRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGvARRFL
TTGQNELAATHFPKEAQANPiIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:139

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNL CGYDVGK
PDGIFGNNTFNQVVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYEmKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPGTiLRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGAARRFL
TTGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:140

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNLsGYDVGKP
DGIFGNNTFNQVVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAAAT
PVMNAVENATGVRSQLLLTFASIESAFDYEIKAKTSSATGWFQFLTGTWKTMIENYGMKY
GVLTDPGTGALRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGAARRFLT
TGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:141

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNLcGYDVGK
PDGIFGNNTFNQVVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYE_mKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPGT_tLRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPG_vARRFL
TTGQNELAATHFPKEAQANP_tIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:142

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVsQLQTLLNLcGYDVGK
PDGIFGNNTFNQVVVKFQKDNsLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPiANKSRAAA
TPVMNAVENATGVRSQLLLTFASIESAFDYE_mKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPGT_tLRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPG_nARRFL
TTGQNELAATHFPKEAQANP_tIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH

SEQ ID NO:151

MRGLRRLGRKIAHGVKKYGPTVLRRIIAGGSKVLRKGDRGDEVcQLQTLLNLcGYDVGK
PDGIFGNNTFNQVVVKFQKDNCLDSDGIVGKNTWAELFSKYSPPIPYKTIPMPTANKSRAA
ATPVMNAVENATGVRSQLLLTFASIESAFDYEIKAKTSSATGWFQFLTGTWKTMIENYGM
KYGVLTDPGTGALRKDPRISALMGAELIKENMNILRPVLKREPTDLDLYLAHFFGPGAARRF
LTTGQNELAATHFPKEAQANPSIFYNKDGSPKTIQEVYNLMDGKVAHRKLEHHHHHH