

Hands-On

SRB-6

Serpentine Receptor Class Sequences

>NP_496199.1 SRB-6 protein [Caenorhabditis elegans]
MNDĀDEVNNISYDPLYRYSQFYTLTTSIFSVPFLLYLIIFKLRVCTFNDNIKFLYIVYFTQILISVLNNC
VVF^hAHV^vIPFLAVSKCDLLVNPVKNRIFQⁿIGVFGISCPMLTILGITAERLLALIFARCYENVK^hLHIGV
FIGV^fFAMLCDMALVYFFFLDEKFDQPSISYFMVPDTS^gYKMNWLCYSL^lLAINSVNLFVNYFLVKINTILK
EKWRNSLSTRYQMEENIITTKFSTFISFIHVFFFSLYLIFTLIIRLLGPGFLKTQADLMSVRGVYITIPT
YNLIIGIASCVILRHLRQ^rQKVAKVYA^eEVTLKYSGIDGAQIHQEAILNVWTKSSGRK

>EGT33838.1 SRB-6 protein [Caenorhabditis brenneri]
MSFVMNⁿCELSYQITYDPLYRYSQIFTLISSTISVLPLSFILYKLR^rSTFHSNVRL^lYMLYFSQILL^sSVI
NNVVVFG^hHVIVPFLADTKCDLLIDPLKNRVLQTVGIFGVSCPMLTILGISVERLFALVFASCYE^hHASSV
AGVAIAAL^tMIADV^vIIVLFLRNERFDQPSISYFMIPETS^gKNMILCWSLLANALNLI^fNFCLVKANT
ILKEK^wRTSLSVRYQMEENIVTTKFSTFISFLHVFFFSLYLGITLCIRYIGPKFL^tTPADLLSVRGVYIT
IPTYNLLIGIASCLMLRHLRQ^rQKVAKVYA^eET^tMDYSGMGSKI^hNEAIFNIWQTKSTKY

>CAP24158.2 CBR-SRB-1 protein [Caenorhabditis briggsae]
MNQTANTFTINETKCYLASEVTYHPFYRFAQFW^tFFVSL^lLAIPTLLYFLVKKICVLR^fHGNIKFMLICYF
FSSFLFAAVV^mLD^fGYHFFIPFFVSSKQ^lLILDSTL^fFKTGH^lTMTL^fMTIPMLLPⁱGF^sIERFVALGMAR
SYENV^rTLLG^pVLVAVLILSDVNLⁱYNVFKNEK^fDDPFISFILIPATSAAQ^fNNFFW^lLHVEITN^fFCN
CILLLVH^sRLKⁿKFLRQRRTLSVRYELEEISQSSQ^fTLIVSFTHLLFVGWYLIAIIYV^rTVGQDFFGGYV
PYTVARGVYCAVPTYNLIIVFVGIKSLRMMNLR^rQNKVQSTVQ^mKTGTGTEGAKNYEIAISTY^wSSVSSGI
NAVNA

>NP_494963.1 SRB-3 protein [Caenorhabditis brenneri]
MLETⁿDSVCELAYQLAYHPVYR^sQFWSMLVSSLSIPALIYFITR^kIFFLHFHGNL^kCLLIVYFICNLLF
SMALCF^aFFYQFLIPFFV^tSKQ^lLLINTTLFKWQⁱCSFLLLTSSMLLPⁱGF^sIERFVALGNAQ^kYESSR
TFLG^pVIIIFIIIAVDFSIIFS^vYKNEPFTEGFYSFILVPSTTASQINMYFFVLLFVKIFNLL^lNCILLRI
HKKIRIK^yYSLSVRYEMEEILQSSK^fTFIIRFTHLLFFGFYVVVILFVRIMGESFFNGTLNYSVARGVFC
TVPTYNLIIVIIGIKSLRHLNLQRLN^kVQSTVQⁱKSTGKEGSKNYEDIITNYWDSVSSRTP

>NP_491969.2 SRB-15 protein [Caenorhabditis elegans]
MTEISEICETAFLTYHPYRGS^fLFIHLFVSISSIIPLIYFVIFKLPKTSFHGNL^kFLFSAYFVS^vFLFS
VDFAIISTTEILIP^lFSK^hPCNLLIPDQYLKIGN^tTVSIFMSLSTFFPISITIERFIAMK^mMARTYE^kTRV
RLGPIL^tGCNILLDLLIVFFIYRDEK^fDDGSI^sFVFFPKTLAPKMFTFFW^mFFLN^lINFTⁿSYLLRQS
IRLKVSTSSLATKYQREEV^vHSTKFAV^vVV^fCHVILFGFYVIGIMILRYFGSIFIPDPADLMATRGAF^tT
MISLYNLVVG^sVAVYLNHLIKTRKSEEITGT^vRIQATGAVGAQNYENAI^fNIWNSV