

Sp-SFE9 (frame shifted)

MEVLIQLLTMLLCSFSLVHCKPVEVEENWKGSPKKQSILQARPMDFRDEIYVSKRNAFGNCIPPPTDVPVGF
RCATSQECIPLSLVCDGVNDCDYDAYDETEESCK**VVQCDFGLCR**DGACLLTEFVCDGTYDCRDGMDMECS
LNQCSADDQFQCRSGRCIPHFWRCMDLEDCQAGEDELECEHNCQCGDEFRCDTGACVIRIWWCDGQNDPCN
AEDETVGCNLVPAVVCDEGLFQCGDQSCIPDYLVCDGNTNCPGGDDEQQECCNADEFRCQTGCQIPEQYRC
DGLIRDCPAGEDEDCGCGANEFQCDTGTCTIPDIQRNNQIDCDDGSDEASCPIDRVCITVGTVQCTYGHV
CAVLNCNGVRECPVNGEDEIGCPLTNCQPSEFECTNGQCLPASDKCDGYPRCSGGEDEIGCQLSNQCPSEFE
CGNGQCLPASDKCDGYPRCSGGEDEIGCRLTNCQPSEFCGNGQCLPASDKCDGYPHCSGGEDEIGCQLSN
CQLSEFECANGQCLPASDKCDGYPHCTGGEDEIGCQLTNCQPSEFECCKGKCI PASDKCDGYPHCSGGEDE
TDCSLSNTSPVECGPPLTFECPDGTCTISSDLLCNGQPDPCPYSDADEQPGNCRIIISACSPNQFECDDGSCIY
SGLVCNDRDDCPDQSDAVERCGFNLCSNEDGFRCQDGSCLPLYQVCNDVLDSCNGEDEDNCVSTYTRPGI
CPPQNTAYGGNNDPGVCVDNCFQDTCPEPMKCCAAPSECGLTCTQVFLPANPLTGLTELNLIEILQDD
LNIINNEVAI LADDVGGIETFR**LGALETDSQLLR**QDVDIILKQOANENNO

published[PYAPQEVQPYEPEAVQPYAPQEVQPYEPEAVQPYAPQEVQPYEPEAVQPYDRKKSNNHMNQK
LFNRTRNHKMSDRTRNRKMFDRPNHKMSDRMNRKMSDRPNHKMSDRTRNRKMSDRPNHKMSDRTRNHKMSDRPNH
KMSDRTRNHKMSDRPNHKMSDHTNRKMSDRPNHKMSDRTRNRKMSDRPNHKMSDRTRNHKMSGRTRNRKMSDRPT
HKMSDRTRNHKMSDRPNHKMSDRTRNHKMSDRPNHKMSDRTRNRKMSDRPNHKMSDRTRNRKMSDRTRNHKMSDLT
NHKMSDLTRNHKMSDRFVPPRRSGLTKRIMPDLNHHKTSNLQNTGCLTLPNHRTLGPKIHTLPDLKRRFLWV
FANIKKI

predicted[PYAPQEVQPYEPEAVQPYAPQEVQPYEPEAVQPYAPQEVQPYEPEAVQPYEPQDVRPYEPQ
NVRPYEPQDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEP
QDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEPQNVRPYEPQDVRPPEPQNVRPYEP
QDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEPQDVRPPEPQNVRPYEPQDVRPPEPQNVRPY
ETHNARP

Sp-rendezvin⁶⁰

MWNRISGHALWLCQHVLLVLLVLLGCCHLPSVESDPTLTHRWAYTYGECSTCGGGTQILVKSCYTLATNS
QPSQTAPISYCSGLDHPPEPTVRSCTQPCMTCDRTYTALSGALSSPYWPKSSIPRYCRLVIDIPEPKRI
LLAFHEFTLEGIDLFSPTKTEEDVCLCGVLVEIRDDGGRMNRVCGTKKPFPAWVSETDVTLEFITPYSLVF
NRFLASYYTTIDTKPSCYRFIDLTLGLHTGLEADGITTEVPLPQKGLHSLNFPNAYPDNQNCEYVLHGNPEHR
IVLYFDEFELEPGPACEADYVKIEDFYRRSNVYCGKHHFSWISDSNEVWITFRSNANQVYTGFLLAYEL
MDREGNETIALEESGFFVSPGYPLIYESDASAEYAIRTDPSKLLVVVTFHDFQLERDDYPAPLPVENLPLE
PDIMIK

Sp-rendezvin⁹⁰

RSTLNEHQNHYGDDYGECDVYVKIIDIFDNHVETCYGRIPVFSYISRGNEILVQFKTDLNMNRYRGNASYR
SISRRTPNWELVYRVAKGGETEALDKFLNQDRGYSESDPNARGTTITRSLATFKDSDVPNWADIGIRKVK
VDAYK**SGSIIATFR**FDGQGTSLSNWFSCFKMTYSGYDDLNSKDCGGLVFGLTGLTPEFEITTTIAEAATCD
NDMEHRVWLDVQDVAVDGDCITYEPEIDINSIIFVSSATTGGETATGANIAEADVFTIIVQKDCDERISPS
RDSVPNIASKGHDELAYSNNCYCDLYLSVHPFDRLAIEFTDFELEDEDECLANDYVQIENIETAFQIFCGV
QHVVVWATANAAILRFRTRDSVVTYNGWAGASVRAERRNLEDSTVTVNPTGNVTPDYPNSLQDYRYACE
FIVHAHPEDRVIFFSR**FIFETENPPELQIDPR**STRSNFIDVSGRLYPFSWTSDTNELALIHAPLPYRTY
IFFEGDYRTLEAPRPATCQRFADADLGGTFSWPTESLSTGLQNCYVIVRSDPVEHRRVQIIFDNLKMPQSD
CNSYINTLDTTTRRNDMYCQIRIRIPFAWTSANEVVIKFFHGPTFALHQVNVLYRSRARVRPEDAKVLTAL
TGGDFSSPNYPQYDSQSKEYLLHAPAEHLVIVVFKDFSVEGAIEPSPLEPVLRRPARSVEDLSAHYKHM
YKRQTIIVEPPTPECR**YDYVSVEDVLVNTETK**YCGDQQPF**GVATQGNEALVFLTDETEKR**GFSALYAFEP
RPAISD

Sp-rendezvin¹²⁰

RSTLNEHQNHYGDDYGECDVYVKIIDIFDNHVETCYGRIPVFSYISRGNEILVQFKTDLNMNRYRGNASYR
SISRRTPNWELVYRVAKGGETEALDKFLNQDRGYSESDPNARGTTITRSLDTFKDSDVPNWADIGIRKVK
VDAYK**SGSIIATFR**FDGQGTSLSNWFSCFKMTYSGYDDLNSKDCGGLVFGLTGLTPEFEITTTIAEAATCD
NDMEHRVWLDVQDVAVDGDCITYEPEIDINSIIFVSSATTGGETATGANIAEADVFTIIVQKDCDERISPS
RDSVPNIASKGHDELAYSNNCYCDLYLSVHPFDRLAIEFTDFELEDEDECLANDYVQIENIETAFQIFCGV