SbCCR1 sequencing result (only CDS)

ATGACCGTCGTCGACGCCGTCTCCACTGATGCCGCCGGCGCCGCCCCAGCTGCCGCCGCGGCGCCGGTGGTGGTGGCGCAGCCCGGGAACGGGCAGACCGTGTGCGTCACCGGCGCGGCCGGGTACATCGCCTCGTGGCTCGTCAAGATGCTGCTCGAGAAGGGATACACTGTCAAGGGCACCGTCAGGAACCCAGATGACCCGAAGAACGCGCACCTCAAGGCGCTGGACGGCGCGGCCGAGCGGCTGATCCTCTGCAAGGCCGACCTCCTGGACTACGACGCCATCTGCCGCGCCGTGCAGGGCTGCCAGGGCGTCTTCCACACCGCCTCCCCCGTCACCGACGATCCGGAGCAAATGGTGGAGCCGGCGGTGCGCGGCACGGAGTACGTGATCAACGCGGCGGCGGAGGCCGGCACGGTGCGGCGGGTGGTGTTCACGTCCTCCATCGGCGCGGTGACCATGGACCCCAGCCGCGGGCCCGACGTCGTGGTCGACGAGTCGTGCTGGAGCGACCTCGAGTTCTGCAAGAAAACCAGGAACTGGTACTGCTACGGCAAGGCGGTGGCGGAGCAGGCGGCGTGGGACGCGGCCCGGCAGCGCGGCGTGGACCTGGTGGTGGTGAACCCGGTGCTGGTGGTGGGCCCGCTGCTGCAGCCGACGGTGAACGCCAGCATCGCGCACGTGCTCAAGTACCTGGACGGCTCCGCGCGCACCTTCGCCAACGCCGTGCAGGCGTACGTGGACGTCCGCGACGTCGCCGACGCGCACCTCCGCGTCTTCGAGAGCCCCGCCGCGTCCGGCCGATACCTCTGCGCCGAGCGCGTCCTCCACCGCGAGGACGTCGTCCGCATCCTCGCCAAGCTCTTCCCCGAGTACCCCGTCCCCACCAGGTGCTCCGACGAGGTGAACCCGCGGAAGCAGCCGTACAAGTTCTCGAACCAGAAGCTCCGGGACCTGGGATTGGAGTTCCGGCCGGTGAGCCAGTCGCTCTACGATACGGTGAAGAACCTTCAGGAGAAGGGCCACCTGCCGGTGCTCGGAGAGCAGACGACGGAGGCCGACAAGGAGGAGGCCAACGCCGCCGCCGAGGTGCAGCAGGGAGGAATCGCCATCCGTGCG

Protein sequence

MTVVDAVSTDAAGAAPAAAAAPVVVAQPGNGQTVCVTGAAGYIASWLVKMLLEKGYTVKGTVRNPDDPKNAHLKALDGAAERLILCKADLLDYDAICRAVQGCQGVFHTASPVTDDPEQMVEPAVRGTEYVINAAAEAGTVRRVVFTSSIGAVTMDPSRGPDVVVDESCWSDLEFCKKTRNWYCYGKAVAEQAAWDAARQRGVDLVVVNPVLVVGPLLQPTVNASIAHVLKYLDGSARTFANAVQAYVDVRDVADAHLRVFESPAASGRYLCAERVLHREDVVRILAKLFPEYPVPTRCSDEVNPRKQPYKFSNQKLRDLGLEFRPVSQSLYDTVKNLQEKGHLPVLGEQTTEADKEEANAAAEVQQGGIAIRA

SbCCR2-1 sequencing result (only CDS)

ATGCCAACAGCAGAGACGACGACGCCCGTGCCGCCAGCGCTCTCCGGGCAAGGCCGGACAGTTTGCGTCACCGGAGCTGGAGGGTTCATCGCCTCCTGGCTTGTCAAGCGCCTCCTCGAGAAGGGTTACACAGTCCGTGGCACGGTCAGGAACCCTGTCGATCCAAAGAACGACCACCTGAGGGCCCTTGACGGCGCCGCCGATCGCCTCGTCCTCCTGCGTGCCGATCTGCTGGATCCAGAAAGCCTTGTCGAGGCCTTCTCCGGCTGCGACGGCGTCTTCCACGCCGCCTCCCCGGTCACCGATGACCCTGAGATGATGATCGAGCCAGCAATCCGGGGCACACAATATGTGATGACGGCGGCGGCAGACACCGGCGTCAAGCGCGTCGTGTTCACGTCCTCCATCGGCACAGTGTACATGAACCCCTACCGTGAACCCAACAAGCCTGTCGACGACACCTGCTGGAGCGATCTTGAGTATTGCAAGAATACACAGAACTGGTATTGCTACGCCAAGACAGTGGCGGAGCAGGGCGCATGGGAGGTGGCGCGGAAGCGAGGCCTGGACCTGATCGTGGTGAACCCGGTGCTGGTGCTGGGTCCGTTGCTGCAGCCAACAGTGAACGCCAGCACGGACCACGTGATGAAGTACCTGACGGGGTCGGCCAAGACGTACGTGAACGCCGCGCAGGCGTACGTGCACGTCCAGGACGTCGCGGAGGCGCACGTCCGGGTGTACGAGGCACCCTACGCGCATGGGCGCTACATCTGCGCCGAGAGCACCCTCCACCGCGGCGAGCTCTGCCGCATCCTCGCTAAGCTCTTCCCAGAGTACCCCATACCCACAAAGTGCAAGGACGACGTGAACCCTCCGGTGACAGGATACAAGTTCACGAACCAGCGGCTCAAGGATCTTGGGATGGACTTTGTGCCGGTGCTGCAGTGCCTCTACGAGACAGTGAAGAGCCTCCAGGAGAAAGGCATGCTGCCCGTGCTTCCGCCAAAAGACGACCAGGACCAACAACTCCACAAATCA

Protein sequence

MPTAETTTPVPPALSGQGRTVCVTGAGGFIASWLVKRLLEKGYTVRGTVRNPVDPKNDHLRALDGAADRLVLLRADLLDPESLVEAFSGCDGVFHAASPVTDDPEMMIEPAIRGTQYVMTAAADTGVKRVVFTSSIGTVYMNPYREPNKPVDDTCWSDLEYCKNTQNWYCYAKTVAEQGAWEVARKRGLDLIVVNPVLVLGPLLQPTVNASTDHVMKYLTGSAKTYVNAAQAYVHVQDVAEAHVRVYEAPYAHGRYICAESTLHRGELCRILAKLFPEYPIPTKCKDDVNPPVTGYKFTNQRLKDLGMDFVPVLQCLYETVKSLQEKGMLPVLPPKDDQDQQLHKS

Sb-CCR2-2 sequencing result (only CDS)

ATGGCCGTCGTCGTGTGCGTCACCGGCGCCGGCGGCTTCATCGGGTCGTGGATCGTTAAGATCCTCCTCGCCCGCGGGTACGCCGTCCGGGGCACCTCCCGCCGCGCAGATGACCCCAAGAACGCGCACCTGTGGGCGCTCGACGGCGCGGCGGAGCGCCTCACCATGCTGCAGGTGGACCTGCTCGACCGTGCCAGCCTCCGCGCCGCATTCCGCGGCTGCGACGGCGTCATCCACACCGCCTCGCCGATGCACGACAACCCCGAGGAGATCATCGAGCCGATTATCGTCGGGACGCGGAACGTCGTCGAGGCCGCGGCCGACGCCGGCGTGCGGCGCCTGGTGCTGTCCTCCACCATCGGCACCATGTACATGGATCCGCGCCGCGACCCGGACGCGGCACTCGGTGACTCCAGCTGGAGCGACCTCGAATACTGCAAGAGCACCAAGAACTGGTACTGCTACGCGAAGACGATCGCGGAGCAGGGCGCGTGGGAGGCGGCGCGGGCGCGGGGGCTGGACCTGGCGGTGGTCATCCCGGTGGTAGTGCTCGGCGAGCTGCTGCAGCCCAACATGAACACCAGCACCCTGCACATCCTCAAGTACCTCACTGGGCAGACCAAGGAGTACGTCAACGAATCGCATGCCTACGTGCACGTCAAGGACGCTGCCGAGGCGCACGTCAGGGTGCTCGAGGCGCCTGGCGCCGGCGGGCGGCGGTATGTCTGCGCTGAGCGCACTCTGCACCGCGGCGAGCTCTGCCGTATCCTCGTCGGACTCTTCCCGGAGTACCCTATTCCGACAAGGTGCAAGGATCAGGTGAATCCACCAAAGAAGGGTTACAAGTTTACAAACCAGCCTCTGAAGGACCTAGGAATCAAGTTCACGCCAGTGCATGAATACCTGTATGAAGCAGTGAAATCCCTGCAAGAAAAGGGATTCCTCCAGAAGACCTCTAACACCAAGGTGCCTGAACGACGCAGCCGCCTGCCTGAACAATCACAACCACCCGTATTGATTTCAAAACTT

Protein sequence

MAVVVCVTGAGGFIGSWIVKILLARGYAVRGTSRRADDPKNAHLWALDGAAERLTMLQVDLLDRASLRAAFRGCDGVIHTASPMHDNPEEIIEPIIVGTRNVVEAAADAGVRRLVLSSTIGTMYMDPRRDPDAALGDSSWSDLEYCKSTKNWYCYAKTIAEQGAWEAARARGLDLAVVIPVVVLGELLQPNMNTSTLHILKYLTGQTKEYVNESHAYVHVKDAAEAHVRVLEAPGAGGRRYVCAERTLHRGELCRILVGLFPEYPIPTRCKDQVNPPKKGYKFTNQPLKDLGIKFTPVHEYLYEAVKSLQEKGFLQKTSNTKVPERRSRLPEQSQPPVLISKL

zmCCR1

MTVVDAVVSSTDAGAPAAAATAVPAGNGQTVCVTGAAGYIASWLVKLLLEKGYTVKGTVRNPADDPKNAHLKALDGAAERLILCKADLLDYDAICRAVQGCQGVFHTASPVTDDPEQMVEPAVRGTEYVINAAAEAGTVRRVVFTSSIGAVTMDPKRGPDVVVDESCWSDLEFCEKTRNWYCYGKAVAEQAAWETARRRGVDLVVVNPVLVVGPLLQATVNASIAHILKYLDGSARTFANAVQAYVDVRDVADAHLRVFESPRASGRHLCAERVLHREDVVRILAKLFPEYPVPARCSDEVNPRKQPYKFSNQKLRDLGLQFRPVSQSLYDTVKNLQEKGHLPVLGERTTTEAADKDAPTAEMQQGGIAIRA

ATCCR1

MPVDVASPAGKTVCVTGAGGYIASWIVKILLERGYTVKGTVRNPDDPKNTHLRELEGGKERLILCKADLQDYEALKAAIDGCDGVFHTASPVTDDPEQMVEPAVNGAKFVINAAAEAKVKRVVITSSIGAVYMDPNRDPEAVVDESCWSDLDFCKNTKNWYCYGKMVAEQAAWETAKEKGVDLVVLNPVLVLGPPLQPTINASLYHVLKYLTGSAKTYANLTQAYVDVRDVALAHVLVYEAPSASGRYLLAESARHRGEVVEILAKLFPEYPLPTKCKDEKNPRAKPYKFTNQKIKDLGLEFTSTKQSLYDTHRKNPWKMALRSGLEKLINSLKYPP

ATCCR2

MLVDGKLVCVTGAGGYIASWIVKLLLERGYTVRGTVRNPTDPKNNHLRELQGAKERLTLHSADLLDYEALCATIDGCDGVFHTASPMTDDPETMLEPAVNGAKFVIDAAAKAKVKRVVFTSSIGAVYMNPNRDTQAIVDENCWSDLDFCKNTKNWYCYGKMLAEQSAWETAKAKGVDLVVLNPVLVLGPPLQSAINASLVHILKYLTGSAKTYANLTQVYVDVRDVALGHVLVYEAPSASGRYILAETALHRGEVVEILAKFFPEYPLPTKCSDEKNPRAKPYKFTTQKIKDLGLEFKPIKQSLYESVKSLQEKGHLPLPQDSNQNEVIIES

ZmCCR2

MVVFCRKHGQHAFLLEAGDRLVEALEDRHEVHPQILEALVGELVSYHRRVNLVLALGGYGVLREELGEDAAEVAAVQGALGADVAAVRVGRLVHPDVRLGHVPDVHVRLRRVHVGRGRPRQVLHHVVRAGVHRRLQQRAQHQHRVHHHQVQPSLPRHLPRALLRHRLGVAVPVLGVLAILEVAPAGVVHRLAGVTVGVHVHGADGGREHDALHSGVCRRRHHVARAPDRWLDHHLRVIGDRGGGVEDAVTAGEGLGKALWVQQVGAEEDEAVVGAVKGPQVVVLWIHRVPDRAADCVALLQEALDEPGGNEPSSSGHANRPPLPGGQLRRHGRRRLCCWHPS