

TOXIN TYPES

3FTX = Three finger toxin

ACN = acetylcholinesterase

cystatin

CVF = cobra venom factor

fV = factor V

fX = factor X

KP = kunitz peptide

LP = lectin protein

NGF = nerve growth factor

NP = natriuretic peptide

PLA2 = phospholipase A₂

SVMP = snake venom metalloprotease

VEGF = vascular endothelial growth factor

WP = waprin peptide

>GAGZ0000000.1|GAGZ01000000 TSA: Acanthophis wellsei, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAGZ01000001 Acanthophis wellsi 3FTx-Aca-18 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACTTAGGATACACCATGACAT
GCTTCAAAACACCTTATGTTAAATCCGAGCCTTGTCCACCTGGGGAGAATGTATGCGTTACAAAGACTTG
GTGTGATGCCTTTTGTAGCATCAGAGGAAAGGTAATCGAACTGGGATGTGCTGCTACTTGCCCTCCAGCG
GAGCCAAAAAGGATATTAAATGTTGCTCAACAGACAATTGCAACACACATCCGTAA

>GAGZ01000002 Acanthophis wellsi 3FTx-Aca-27 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACTTAGGTGACAGCGTGATAT
GCTACCTGGGATATAACAACCTCAGACTTGTCCACCTGGGGAGAATGTATGCTTTACAAGGACTTGGTG
TGATGCCTTTTGTAGCAGCAGAGGAAAGGTAGTCGAACTGGGATGTGCTGCTACTTGCCCTATACCGAAG
TCCTATCAGGATGTTAAATGTTGCTCAACAGACAAGTGCAACCCATTTCAGTACGTCCTCGACGGAGGC
CCTAA

>GAGZ01000003 Acanthophis wellsi 3FTx-Aca-30 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACTTAGGTGACAGCGTGATAT
GCTACCTGGGATATAACAACCTCAGACTTGTCCACCTGGGGAGAATGTATGCTTTACAAGGACTTGGTG
TGATTCCTTTTGTAGCAGCAGAGGAAAGGTAGTCGAACTGGGATGTGCTGCTACTTGCCCTATACCGAAG
TCCTATCAGGATGTTAAATGTTGCTCAACAGACAAGTGCAACCCATTTCAGTACGTCCTCGACGGAGGC
CCTAA

>GAGZ01000004 Acanthophis wellsi 3FTx-Aca-53 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAAGACAT
GCTTCAAAACACCTTATGTTAAATCCGAGCCTTGTCCACCTGGGCAGGACCTATGCTATACAAAGACTTG
GTGTGATGCCTTTTGTAGCATCAGAGGAAAGGTAATCGAACTGGGATGTGCTGCTACTTGCCCTCCAGCG
GAGCCAAAAAGGATATTAAATGTTGCTCAACAGACAATTGCAACACACATCCGTAA

>GAGZ01000005 Acanthophis wellsi 3FTx-Aca-54 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAAGACAT
GCTTCAAAACACCTTATGTTAAATCCGAGCCTTGTCCACCTGGGCAGGACCTATGCTATACAAAGACTTG
GTGTGATGCCTTTTGTAGCATCAGAGGAAAGGTAATCGAACTGGGATGTGCTGCTACTTGCCCTCCAGCG
GAGCCAAAAAGGATATTAAATGTTGCTCAACAGACAATTGCAACACACATCCGTAA

>GAGZ01000006 Acanthophis wellsi 3FTx-Aca-55 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACGTAGGTGACAGCGTGATAT
GCTACCTGGGATATAAATTACGCTCAGCCTTGTCCACCTGGGGAGAATGTATGCTTTACAAAGACTTGGTG
TGATGGTTCGATGTCCCAACTAGGAAAGCGAGTCGAAATGGGATGTGCTGCTACTTGCCCCAAAGTGAAG
CGCGGTGTGGATATTAAATGTTGCTCAACAGACAAGTGCAACCCATTCATTAGTCCTCGAGGGAAGC
CCTAA

>GAGZ01000007 Acanthophis wellsi 3FTx-Aca-57 mRNA sequence
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AACGTCTCGAGGGAAGCCCTAA

>GAGZ01000008 Acanthophis wellsi 3FTx-Aca-62 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGAAAGCGTGATAT
GCTACCTGGGATATAAATTACGCTCAGACTTGTCCACCTGGGGAGAATGTATGCTTTACAAAGACTTGGTG
TGATGCTCGGTGTGGCCTTCTAGGAAAGCGAGTTGAAATGGGATGTGCTGCTACTTGCCCCAAAGTGAAG
CCCGGTGTGGATATTAAATGTTGCGAAACAGACAAGTGCAACCCATTTCGAAAACGACACCTCCTTGGG
AAGTCTCTCGAGGGAAGCCCTAA

>GAGZ01000009 Acanthophis wellsi 3FTx-Aca-84 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACGTAGGTGACAGCGTGATAT
GCTACCTGGGATATAAATTACGCTCAGCCTTGTCCACCTGGGGAGAATGTATGCTTTACAAAGACTTGGTG
TGATGCTCGATGTCCCAACTAGGAAAGCGAGTCGAGATGGGATGTGCTGCTACTTGCCCCAAAGTGAAG
CGCGGTGTGGATATTAAATGTTGCTCAACAGACAAGTGCAACCCATTTCATTAAAGTCTCGAGGGAAGC
CCTAA

>GAGZ01000010 Acanthophis wellsi 3FTx-Aca-85 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACGTAGGTGACAGCGTGATAT
GCTACCTGGGATATAAATTACGCTCAGCCTTGTCCACCTGGGGAGAATGTATGCTTTACAAAGACTTGGTG
TGATGGTTCGATGTCCCAACTAGGAAAGCGAGTCGAAATGGGATGTGCTGCTACTTGCCCCAAAGTGAAG
CGCGGTGTGGATATTAAATGTTGCTCAACAGACAAGTGCAACCCATTTCATTAAAGTCTCGAGGGAAGC
CCTAA

>GAGZ01000011 Acanthophis wellsi 3FTx-Aca-108 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGCAAT
GTTACAACCACCCGTTATTGCAAGATAAAACCATTTAACTTGTGCTTTTGGGGTGAGCTCTTGCTTTAA
AAAGACTTGGAAGTTCAACGTGAAACTATGATTGAAAGGGGATGTGGTTGCCTAACGTGAAGCCTGGT
GTTAGACTTACATGTTGCAAAACAGACAAATGCAACAATTAG

>GAGZ01000012 Acanthophis wellsi 3FTx-Aca-112 mRNA sequence
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GTTGCAACCAACAGTCATCGCAACCTAAAACCACTACAACCTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
AAAGACTTGGAGAGATCATCTGTGGACTTAGAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGCCTGGT
ATTTGGCTTCTTTGTTGCAAAACAGACGAATGCAACAATTAG

>GAGZ01000013 Acanthophis wellsi 3FTx-Aca-118 mRNA sequence
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GTTGCAACCAACAGTCATCGCAACCTAAAACCACTACAACCTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
AAAGACTTGGAGTGATCATCTGTGGATCTAGAACTGAAAGGGGATGCGGTTGCCCTCACGTGAAGCCCCGT
ATTACACTTATTTGTTGCAAAACAGATGAATGCAACAATTAG

>GAGZ01000014 Acanthophis wellsi ACN-Aca-1 mRNA sequence
ATGAGCGTGCCTCACGCCAACGACATCGCCACCGAGGCCGTGGTGATGCAGTACACTGACTGGCAGGACC
AGGACAACGGGGAGAAGAACAGGGAGGCCCTGGACGACATCGTGGGGGACCACAACATCATCTGCCCGGT
TGTGCAAGTTCGCCAATGACTACGCCAAGCGCAAGAACAGGTGTACGCCCTACCTCTTTGACCAACCGGGCC
TCCAACCTGCTCTGGCCTCCCTGGATGGGCGTCCCCACGGCTACGAGATCGAGTTTGTCTTTGGWATGC
CCCTCAACGACAGCCTGAACCTACACGCCCMAMGAGAAGGAGCTGAGCCGACAGGATGATGCGCTACTGGGT
CGAACTTTGCCCGGACAGGGAACCCGACCGACCTGCCGACTAAGAACGGGGCTGGCCCCACCTACAC
CGCCTCCCGCGCAGTACGTCCAGCTCAACACCCAGCCGCTGGCCACCCAACCCAG

>GAGZ01000015 Acanthophis wellsi CRiSP-Aca-1 mRNA sequence
ATGTTCAAAATGGAATGGAATCTCGTGCTGCTCAAAATGCAAAACGTTGGGCAGATAGATGCTTTTTTG
CTCAGTCCACCATACAAGAACTGTGGGAAAACCTCCGTTGGTGAATAATATTCATGTCAAGTCA
ACCTTTTCCATGGAGTGAAGTACGCTCAGGCTTGGTATGATGAAGTCAAAAAATTCGTCTATGGCATTGGA
GCAAGCCACAGGTTCTGTTATTGGCCATTATACCCAGGTAGTTTGGTACAAAAGTCACCTTCTTGTT
GTGCTTCTGCCAAATGTTCTTCAACCAATACCTCTACGTTTGTCAATACTGCCAGCAGGGAACATCAG
AGGTTCAATTGCTACTCCATATAAATCAGGGCCATCTTGTGGGACTGTCTTCAGCTTGTGTCAACAGA
CTATGCACAAATCCTTGCAAAATATACAATGACTTCTCGAAGTGAAGCTTTAGCGAAAAAACTAAAT
GCAAGACTGGATGGATCAAGTCAAAATGCCCTGCTACTTGTCTTCTGCCACTGAAATAATATAG

>GAGZ01000016 Acanthophis wellsi KP-Aca-6 mRNA sequence
ATGCTTCTTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCGTCTCCA
GCAAGGACCGTCCACACTTCTGTCTATCTGCCCTCATGACACCGGACCATGTAAAGGCATGTTCCAGCCTT
CTACTACCACCCAGGTCTCGTACATGCCTACAGTTTATTTATGGTGGATGCCGAGGGAATCTTAACAAT
TTTAAGACCATAGATGAATGCAACGCATCTGTGCTGCATGA

>GAGZ01000017 Acanthophis wellsi KP-Aca-8 mRNA sequence
ATGCTTCTTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCGTCTCCA
GCAAGGACCGTCCACACTTCTGTCTATCTGCCCTCATGACACCGGACCATGTAAAGGCATGTTCCAGCCTT
CTACTACCACCCAGGTCTCGTACATGCCTACAGTTTATTTATGGTGGATGCCGAGGGAATGCTAACAAT
TTTAAGACCATAGATGAATGCAACGCATCTGTGCTGCATGA

>GAGZ01000018 Acanthophis wellsi KP-Aca-9 mRNA sequence
ATGCTTCTTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCGTCTCCA
GCAAGGACCGTCCACACTTCTGTCTATCTGCCCTCATGACACCGGACCATGTAAAGGCATGTTCCAGCCTT
CTACTACCACCCAGGTCTCGTACATGCCTACAGTTTATTTATGGTGGATGCCGAGGGAATGCTAACAAT
TTTAAGACCATAGAGGAATGCAACGCATCTGTGCTGCATGA

>GAGZ01000019 Acanthophis wellsi KP-Aca-1 mRNA sequence
ATGCTTCTTGGAGGTGTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCGTCTCCA
GCAAGGACCGTCCACACTTCTGTCTATCTGCCCTCATGACACCGGACCATGTAAAGGCATGTTCCAGCCTT
CTACTACCACCCAGTTCTCGTAAATGCCTAGAGTTTACTTATGGTGGATGTGAAGGGAATGCTAACAAT
TTTAAGACCATAGATGAATGCAACGCACCTGTGCTGTATGA

>GAGZ01000020 Acanthophis wellsi LAO-Aca-1 mRNA sequence
GCCCTCTTACCCTTCAAAGATTAAAAATGGAGCCTGGATAAATATGCTATGGGTGCTATAACCTCTT
TCACTCCTTACCAGTTTCAAGATTTTATTGAACAGTCGCTGCACCTGTAGGCAGAACTACTTTGCAAGG
GGAGTACACTGCTAGCCTTCTATGGTTGGTTGGACAGACAATTAAGTCAGGGCTGACAGCAGCAAGAGAT
GTGAATCGTGCTTCTCAGAAGCCATCAAGAATCCAGCTGATCAGTGACAATCAACTTCAAGAAGGAGATC
AACACAAGGAATTTATAACAGCCATTCTGGCAACTTCGGGTGTTTTCAGACTAA

>GAGZ01000021 Acanthophis wellsi LP-Aca-2 mRNA sequence
ATGGGGCGATTCTCTTGGTGGCCCTGTGCTTGCTGGTTGTGACTTTATCCCTAAATGGAATTGGAGCTG
ATCATATTGCTCTCGGGCTGGTTCCCATTTAAGACATTTTGCTACAAGGTCTAGAGAAATGGAAGAC
CTGGGAAGATGCCAGGCATCTGCGTGCACTTCAAGACAGCAGCCATCTGGCCTCCATCCACAGCCAA
GCAGAGTCTCTTTCACATGCCAAAGGTGATCTTCAGGGAACCGATCGTCTCACTAATGTCTGGATTGGAC
TGAATGATCCAGAGRAAAATCGCACCTGGAAGTGGTCTGATGGCTCCAATTTAATTATACATCATGGGG
AATGTTGAAACCAGGCATTTTGTATCATGGGAAGTACTGCGTTTCAGTTGACCAGAATCTTAGGGTTTTAT
AGATGGGAAGCTGCGAAGTTGTGAGTCAAGAATTTTTCATCTGCAAGATG

>GAGZ01000022 Acanthophis wellsi NP-Aca-6 mRNA sequence
ATGGTCTGCCTCTCACGTCTGGCGGGCGGCGGGCTGTGCTGCTGCTGGTGTGGCCCTGCTGCCTCTCG
CCCTCGACGGGAAGCCGACGGCGCGCCTCAGGCGCTGCGCACGGCTCCGGCGGGCGGCATGATGGCGTC
GCGGCGGGAGTGCAGGAGCAGCCGCGCTCAGGCGCTGATAAAGGACTCCTCGGGTCCGCGGGCTGAGCGC
AGCGGCTCCAAGACGGCCACGAAAGGGAACGGCTGCTTCGGCGTCAAGCTCGACCGCATCGGCAGCGTGA
GCGGCATGGGCTGCGGAGGCGTCCCGAAGCCGACACTGGCGGATCCTAA

>GAGZ01000023 Acanthophis wellsi NP-Aca-7 mRNA sequence
ATGGTCGGCCTCTCACGTCTGGCGGGCGGCGGGCTGTGCTGCTGCTGGTGTGGCCCTGCTGCCTCTCG
CCCTCGACGGGAAGCCGACGGCGCGCCTCAGGCGCTGCGCACGGCTCCGGCGGGCGGCATGATGGCGTC
GCGGCGGGAGTGCAGGAGCAGCCCCAGCAGCGCTGATAAAGGACTCCTCGGGTCCGCGGGCTGAGCGC
AGCGGCTCCAAGACGGCCACGAAAGGGAACGGCTGCTTCGGCGTCAAGCTCGACCGCATCGGCAGCGTGA
GCGGCATGGGCTGCGGAGGCGTCCCGAAGCCGACACTGGCGGATCCTAA

>GAGZ01000024 Acanthophis wellsi PLA2-Aca-2 mRNA sequence
ATGTATCTGCTCACCTTCTGCTGCTTGTGGCAGTTTGTGTCTCCCTCTTAGGAGCCGAGAAATTCCTC
CTCTGCCTCTCAACCTCGCACAAATTCGGCAAAATGATTGAATGTGCCAACAAGGGCAGTCGACCTTCTTT
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TGCTGCAAAATACATGACGACTGTCTATGCTGAAGCCGAAAAACATGGATGCTTCCCCAAGATGACGTCGT

ATAGTTGGAATGTGCCAACGATGTACCCGCTGCAATTCAAAAACGCAGTGTCAACATTTTGTGTGTTA
TTGTGACCTCTGGGCAACCAAGTGCTTTTCCCAAGAACTTACAACAAGAACAACTTCGGTATCGACACC
AAGACACGTTGCCAATGA

>GAGZ01000025 *Acanthophis wellsi* PLA2-Aca-8 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCGACATTCCTC
CGCAGCCTCTCAGCCTCCTTCATTTCAAGAACATGATTAATGTGCCAACAAGGGCACTCGAAGTTGGTT
GCGTTATGTGAACCTACGGTTGCTACTGCGGCTGGGGAGGTAGCGGGAAACCGGTGGATGAGTTGGACAGG
TGCTGCAAAGCACATGACGACTGCTATGCTGAAGCCAGAAGAAAACGATGCTTCCCCAAGTTGACGTTGT
ATAGTTGGAATGTAGCAGCCATGTGCCCGTCTGCAATTCAAAAAGGAAGTGTAAAGTTTTGTGTGTGA
TTGTGACGCCACAGCAGCCAAGTGCTTTGCCAAAGCCCTTACAACAAGACCAACTTCGGTATCAACACC
AAGAACGTTGCCAATGA

>GAGZ01000026 *Acanthophis wellsi* PLA2-Aca-9 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCGACATTCCTC
CGCAGCCTCTCAGCCTCCTTCATTTCAAGAACATGATTAATGTGCCAACAAGGGCACTCGAAGTTGGTT
GCGTTATGTGAACCTACGGTTGCTACTGCGGCTGGGGAGGTAGCGGGAAACCGGTGGATGAGTTGGACAGG
TGCTGCAAAGCACATGACGACTGCTATGCTGAAGCCAGAAGAAAACGATGCTTCCCCAAGTTGACGTTGT
ATAGTTGGAATGTGCCAAGGATGTGCCCGTCTGCAATTCAAAAAGGAAGTGTAAAGTTTTGTGTGTGA
TTGTGACGCCACAGCAGCCAAGTGCTTTGCCAAAGCCCTTACAACAAGACCAACTTCGGTATCAACACC
AAGACACGTTGCCAATGA

>GAGZ01000027 *Acanthophis wellsi* PLA2-Aca-34 mRNA sequence
ATGCGGTTGCCTCAGGTGAAACCTGTATCCTGCTCACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCC
TCTTAGGAGCCGCGACATTCCTGTGCCATCTCTCAACTTCGAACAATTTCGGCAACATGATTCAATGTAC
CATCCCTCGAAGAATCTTGTGTTGGTTATATGGAATACTGCTACTGCGGCCAGGAGGTAGCGGG
ACACCGATGGATGAGTTGGATAGGTGCTGCCAGACTCATGACAACCTGTATGTGAAGCCGAAAACTTC
CTGCATGTAAGGCCATGTCTGAGTGAGCTGTACAACGACACCTATTTCATACAGCTGTATTGAACGCCA
CACTGCAACGATAACAGTAACTGCTTAAAGCCCTTATCTGTAATTGTGACCGCAAGCAGCCAACTGC
TTCGCCGAGCCCTTATAACGACTTGAACATAATATCGACACCACTGAACATTGCCAATGA

>GAGZ01000028 *Acanthophis wellsi* PLA2-Aca-38 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCGACATTCGTC
CGCAGCCTCTCAACCTCCTTCAGTTCGGCTTCATGATTCGATGTGCCAACAACCGCAGACGACCTGTTTG
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TGCTGCAAAATACATGACGACTGCTATGCTGAAGCCGAAAAACGCTACGGATGCTACCCCTACTGGACGT
TGCTATAGTTGGAATGTTACGGAAGTGGACCGTACTGCAATTCAAAAACGCAGTGTCAACGTTTGTGTG
TGTGTGACTCCAGAGCAGCCATCTGTTTTCGCTCAAAACCTTACAACAACCGGAACCTGGAATATCAAC
ACCAAGACACGTTGCCGATGA

>GAGZ01000029 *Acanthophis wellsi* PLA2-Aca-43 mRNA sequence
ATGCTTATATTGTGTTGCCTTAATCCTCTTAAAACTGAAATAAAGTTGCAAAATATATTCACTCCGATTC
ATCTTGCTTGCAGCTTCACCACTGACAAAATGTATCCTGCTCACCTTCTGGTCTGTTGGCAGTTTGTGT
CTCCCTCTTAGGAGCTCCGACATTCCTCCGAGCCTCTCAACCTCTATCAGTTTCGGGGGAATGATAAA
TGTGCCAACAAGGGCACTCGAAGTTGTTGAGTTATGTGAACACGTTGCTACTGCGGCTGGGGAGGTA
CGGGGAAACCGGTGGATGAGTTGGATAGGTGCTGCCAGATTCATGACAACCTGCTATGCTGAAGCCGAAA
AAAACGATGCAAAACCAAGTTGACGTTGATAGTTGGAAATGTGCCAAGGATGTACCCGTCTGCAATTCA
AAATCGGTGTGTGGAAGTTTTGTGTGTGATTGTGACCCGAGCAGCCAAGTGCTTTGCCAAAGCCCTT
ACAACAAGAACAACATCGGTATTGTTTCCAAGAACGTTGCCAATGA

>GAGZ01000030 *Acanthophis wellsi* PLA2-Aca-45 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCGACATTCCTC
CGCAGCCTCTCAACCTCTATCAGTTTCGGGGGAATGATTAATGTGCCAACAAGGGCACTCGAAGTTGGTT
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TGCTGCCAGATTCATGACAACCTGCTATGCTGAAGCCGAAAAAACGATGCAAAACCAAGTTGACGTTGT
ATAGTTGGAAATGTGCCAAGGATGTGCGGCTGCAATTCAAAATCGGTGTGTGGAAGTTTGTGTGTGA
TTGTGACGCCGAGCAGCCAAGTGCTTTGCCAAAGCCCTTACAACAAGAACAAACATCGGTATTGTTTCC
AAGACACGTTGCCAATGA

>GAGZ01000031 *Acanthophis wellsi* PLA2-Aca-97 mRNA sequence
ATGATTCGATGTGCCAACAACGCAGACGACCTGTTTGGCATTATATGGACTACGGTTGCTACTGCGGCA
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TACTGCAATTCAAAAACGCAGTGTCAACGTTTGTGTGTGATTGTGACGCCGAGCAGCCAAGTGCTTTG
CCAAAGCCCTTTACAACAAGAACAAACATCGGTATTGTTTCCAAGAACGTTGCCAATGA

>GAGZ01000032 *Acanthophis wellsi* SVM-P-Aca-4 mRNA sequence
ATGATCCAAGCTCTCTTGGTAACATATGCTTCATGGTTTTTCCATATCAAGGGAGCTCTATCATCCTGG
AATCCGGGAATGTTAATGATTATGAAGTAGTGATCCACAAAAAGTGCTGTATTGCCCAAAGGAGGAGT
TCAGAATCTCAGCCAGAGACCAAGTATGAAGATACAATGCAATATGAATTCACATGAATGGAGAGCCA
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GAAAGTGTGGCAGCTTATACTGCAAAAGGGGAAACCGTCGATGCATCTGCGTTGATGGCCCAGATTATA
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GACAGCCTACTGA

>GAHA0000000.1|GAHA01000000 TSA: Brachyurophis [Simoselaps] roperi, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAHA01000001 Brachyurophis [Simoselaps] roperi 3FTx-Bra-3 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAAATAGCTTCTCAT
GCTACAAAACACCTGATCTAAATCTGAGCCTTGTGAACCTGGGGAGAACCAATGCTATACAAGGACTTG
GTGTGATGCTCGGTGTGGCCTCATGGGAAAGCGAATCGAACTGGGATGTGCTGCTACTTGCCCTACAGCG
AAGACCGGCATCGATATTAAGTGTGTCTCAACAGACAATTGCAACCCACATCCGAAACAGAAATCTCGTT
GA

>GAHA01000002 Brachyurophis [Simoselaps] roperi 3FTx-Bra-6 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTTCGAGGGATATAAAGGCCCTAAGACTTGTCCACCTGGGGCAGAACCTATGCTATACAAAGACTTTGTG
TGGTTTTTCGTTGTGCCAGCAGAGGACCGCGAGTCTGAACTGGGATGTGCTGCTACTTGCCCTATTCCAAAG
CCCCGTGAGGAGGTTACCTGTTGCTCAACAGACAATTGCAACCCATTTCCGAAATGGAATCCTTGGGGGT
TGCTCTCATCCATCATGGACCATCCTTGA

>GAHA01000003 Brachyurophis [Simoselaps] roperi 3FTx-Bra-8 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCAACGTGGATTATAAAAAGCATGAGACTTGTCCACCTGAGCGTAACCTATGCTATAAAATTACTTCGTT
TCTTGGTGGTGTCCCAAGGGGACAACAGCTAATCAAATGGGATGTGCTGCTACTTGCCCTAGACGGCTC
GGTGTGAAGATTACCTGTTGCTCAACAGACAATTGCAACCAACATAGGCCACGTTGTTGA

>GAHA01000004 Brachyurophis [Simoselaps] roperi 3FTx-Bra-9 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCAACGTGGATTATAAAAAGCATGAGACTTGTCCACCTGGGCGTATCCTATGCTATAAAATTACTTCGTT
TCTTGGTGGTGTCCCGAGAGAGAAAGGCTAATCAAATGGGATGTGCTGCTACTTGCCCTAGACGGCCCC
GGTGTGAAGGTTACCTGTTGCTCAACAGACAATTGCAACCAACATAGGCCACGTTGTTGA

>GAHA01000005 Brachyurophis [Simoselaps] roperi 3FTx-Bra-10 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATGT
GCAACGTGGATTATAAAAAGCATGAGACTTGTCCACCTGAGCATATCCTATGCTATAAAATTACTTCGTT
TATTGGTGGTGTCTCCGAGGGGAGAACAGCTAATCAAATGGGATGTGCTGCTACTTGCCCTAGACGGCTC
GGTGTGAAGGTTACCTGTTGCTCAACAGACAATTGCAACCAACATAGGCCACGTTGTTGA

>GAHA01000006 Brachyurophis [Simoselaps] roperi 3FTx-Bra-12 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCAACGTGGATTATAAAAAAATGAGACTTGTCCACCTGGGCATAACCTATGCTATAAAATTACTTCGTG
TGTTGGTGGTGTCTCCCAAGGGGAGAAAAGCTAATCAAATGGGATGTGCTGCTACTTGCCCTAGACGGCTT
GGTGTGAAGGTTACCTGTTGCTCAACAGACAATTGCAACCAACGTAGGCCACCTCGTTGA

>GAHA01000007 Brachyurophis [Simoselaps] roperi 3FTx-Bra-13 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCAACGTGGATTATAAAAAATGAGACTTGTCCACCTGGGCATAACCTATGCTATAAAATTACTTCGTGTGT
TGGTGGTGTCTCCCAAGGGGAGAAAAGCTAATCAAATGGGATGTGCTGCTACTTGCCCTAGACGGCTTGGT
GTGAAGGTTACCTGTTGCTCAACAGACAATTGCAACCAACGTAGGCCACCTCGTTGA

>GAHA01000008 Brachyurophis [Simoselaps] roperi 3FTx-Bra-17 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GCTACAAAACAGCTCCTGTTAGATCTGAGCCTTGTCCACCTGGGGAGGACCTATGCTATACAAAGGCTTG
GTGTGATTTTCGGTGTGGCACCCTAGGAAAGATACTCGAACTGGGATGTGCTGCTACTTGCCCTATACCG
AAGCACTATGAGGATGTTAAGTGTGTCTCAACAGACAATTGCAACCCATTTCCGAAACCGACAGGTGTTA
GACCAGGTCGACCAGTGGTTGA

>GAHA01000009 Brachyurophis [Simoselaps] roperi 3FTx-Bra-25 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGCGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCTAAAAAT
GTCGCAGTTCTAGGATTGCTAATCGTAATGTGGTTTGTAAAAAATACCAGACCATTGCTTTCACTATCA
AGTTCGTCCATATCAAAATACTGTGTTAACAGGATGGGATGTAGTGATTCTTGCCCTAGAAAGGATGCT
GTGTGTTGCAGTTCAGACTTGTGCAACTAG

>GAHA01000010 Brachyurophis [Simoselaps] roperi 3FTx-Bra-26 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCTAAAAAT
GTCCGAGTTCTAGGATTGCTAATGGTAATGTGGTTTGTGAAAAATACCAGACCATTGCTTTTCATATCA
AGTTCGTCCATATCAAAATACTGTGTTAACAGGATGGGATGTAGTGATTCTTGCCCTAGAAAGGATGCT
GTGTGTTGCAGTTCAGACTTGTGCAACTAG

>GAHA01000011 Brachyurophis [Simoselaps] roperi 3FTx-Bra-27 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCTAAAAAT
GTCGCAGTTCTAGGATTGCTAATCGTAATGTGGTTTGTAAAAAATACCAGACCATTGCTTTCACTATCA
AGTTCGTCCATATCAAAATACTGTGTTAACAGGATGGGATGTAGTGATTCTTGCCCTAGAAAGGATGCT
GTGTGTTGCAGTTCAGACTTGTGCAACTAG

>GAHA01000012 Brachyurophis [Simoselaps] roperi 3FTx-Bra-28 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCGAGATAT
GTTTCAACCAACAGTCATGGCAACCTGAAACCACTACAACCTTGTCCAGATGGGGAGACCTCTTGCTATAA
AAAGACTTTGATCAGTTTGTTTAGAATTCTAATTGAAAAGGGATGTGGTTGCCCTAAGGAGAGGAGCAAT
TTTAGACTTATGTGTTGCCAAAAAGACAAATGCAACAATTAG

>GAHA01000013 Brachyurophis [Simoselaps] roperi 3FTx-Bra-30 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGAACTTAGGATACACCGAGATAT
GTTTCAACCAACAGTCATGGCAACCTGAAACCACTACAACCTTGTCCAGATGGGGAGACCTCTTGCTATAA
AAAGGATTTGATGAGTTTCCTTTGGAATTCTAATTCTAAGGGGATGCGGTTGCCCTAAGGAGGTCCCCAAT
CTTTTACTTATGTGTTGCAAAAAAGACAAATGCAACAATTAG

>GAHA01000014 Brachyurophis [Simoselaps] roperi 3FTx-Bra-34 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGAACTTAGGATACACCGAGATAT
GTTTCAACCAACAGTCATGGCAACCTGAAACCACTACAACCTTGTCCAGATGGGGAGACCTCTTGCTATAA

AAAGACTTTTGATCAGTTTGTGTTAGAAATTTCTAATTGAAAAGGGATGTGGTTGCCCTAAGGAGAGGAGCAAT
TTTATGTGTTGCCAAAAAGACAAATGCAACAATTAG

>GAHA01000015 Brachyurophis [Simoselaps] roperi 3FTx-Bra-36 mRNA sequence
ATGAAAACCTCGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAGGATAT
GTTTCAACCAACAGTTATGGCAACCTGAAACCACTACAACCTTGTCAGATGGGGAGACCTCTTGCTATAA
AAAGAATTTGATCAATTTGTTTGAATTCGAATTGAAAGGGGATGTGGTTGCCCTAAGGAGAGGGGCTAT
TTTAGACTTATGTGTTGCAAAAAAGACAAATGCAACAATTAG

>GAHA01000016 Brachyurophis [Simoselaps] roperi 3FTx-Bra-38 mRNA sequence
ATGAAAACCTCGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAGGATAT
GTTTCAACCAACAGTCATGGCGACCTGAAACCACTACAACCTTGTCAGATGGGGAGAACACTTGCTATAA
AAAGGTTTTTCATGACTCCCTTTGAATTCGAATTGAAAGGGGATGTGGTTGCCCTAAGGAGAGGGCGCAGT
TTTAGACTTATGTGTTGCCAAAAAGACAAATGCAACAATTAG

>GAHA01000017 Brachyurophis [Simoselaps] roperi CRiSP-Bra-2 mRNA sequence
ATGGGGTTAASCARGGGCTCATTCAAAACAATAGAAATGATTGCCTTCATTGTCTTGCTAAGTCTTGCTG
CAGTGTCTGCAACAGTCTTCTGGAACCTGTTGATTTTGCTTCTGAGTCAAGTAACAAAACAGGATACCAAAA
GCAAAATGTTGACAGCACAATGCTTTAAGGAGATCAGTGAAACCAACTGCTAGGAACATGTTACAAATG
GAATGGAATTTCTCGTGTCTGCTCAAAATGCAAAACGTTGGGCAGATAAATGTTCTTTTGCTCACAGTCCAC
CACATAGAAGAACTGTGGGAAACTCGTGTGGTGAAAATATATTATGTCAAGTCAACCTTTTGCAATG
GAGTAGAGTAATTCAGGCTTGGTATGATGAAAACAAAAAATTCGTCTATGGCACTGGAGCAAAAGCCACCA
GGTTTCGGTTATTTGGCCATTATACCCAGATAGTTTGGTACAAAAGTCACTTCTTGTTGTGCTTCTGCCA
GATGTTCTTTCATCCAATACTCTACGTTTGTCAAATACTGCCAGCAGGGAACATCAGAGGTTCAATTGC
TACTCCATATAAATCAGGGCCACCTTGTGGGACTGTCTTTCGGCTTGTGTCAACGGACTATGCACAAAT
CCTTGCAAAATATGAAATGACTTCTCGAACTGCAAAATCTTTAGCGAGAAAACTAAATGCCAGACTGAAT
GGACCAAGTCAAAATGCCCTGCTTCTTGCTTCTGCCGCACTGAAATAATATAG

>GAHA01000018 Brachyurophis [Simoselaps] roperi LP-Bra-2 mRNA sequence
ATGGGGCGGATTCTCTTTGTGAGCCTCGGCTTGCTGGTCTGGCTTTTCTCCCTAAGTGAATTTGGAGCCA
ATCGCTATTGTCCCTTTGATTGGTTCTCCTACAATGTGTCTTGCTACAAGCTCTTCCACCTTCCGATGCC
CTGGGACCAAGCACAGAGGCTCTGTGTGGAAACAGCAGGAAAACTCCCAACTCGCTCCATCCATGACGTG
GGAGAGTCAGTGAAGTTGTCCAACATACATATCCCAAAGGTTGAAATATCTGATGTTTGGATGGGACTGA
GGCTTTTCAAAGAGAAAGGCTATCGGAGTGGAGTGATGGCTCCAACCTCACTTACACATCTTGAAAGA
AGGTGAACCCCAACAACTTTTCAACATTGAATTTCTGTGCTGTGCTGTGACCGGAAACACGGTATCTCAA
TGGAACGATAAGAGCTGCGTGCTCCACATAAATTTATCTGCAAGTACCAGCCCCGAGTGAGGCAGGCA
GCTAA

>GAHA01000019 Brachyurophis [Simoselaps] roperi LP-Bra-3 mRNA sequence
ATGGCGCAATTCATCGTTGCTGAGCTTCAGCTTGCTGGTCTGGCCCTCTCCTTAAGGGGAAGTGGAGCTG
ATCACATTGTCTCTCGCGGTGGTCTCCTATAATGAATTTTGCTACATGGTCTACAACAGATCCGTGAC
CTGGAACAATGCAGAGAGATTCTGCCTGCAGCAAGAGCCAGACTGCCACCTCGCTCCATCCATAGCAAG
CCAGAGGCAGCCTTCTAGTCGGGCTGGCCTACCAAGGCCAGCGCCGGGTCCAGTGTCTGGATCGGAT
TGAACGATCCAGAGAAAAGACCGCTTGGCAATGGAGTGGATGGCTCCAGCATAAACTACAGGTCTGGAT
GCCAGAGAGGCCCAACCAACATGCAAAACAAGGAGTATGTGTGTGTGCTGTGACGCTGGTCACGTTATGTC
GGATGGAATGATCAGGACTGTGGGTCAGGCATAATTTTGTCTGCAAGTTCAGGCCAAGGACCAAGAGGA
ACACCGTCGATGTTACAAACAGGAAGTAA

>GAHA01000020 Brachyurophis [Simoselaps] roperi LP-Bra-8 mRNA sequence
ATGGGGCGGATTCTCTTTGGTGGAGCCTGAGCTTGCTGGTTGTGGCTTTGTCCCTAAATGGAATTTGGAGCTG
ATCATCATTGCCCCTCGGACTGGATCTCCCTGGGGAAGTATTGCTACAAGTTCATCAAAGAACGGAAGAC
CTGGGAAGATGCCAGGAATCCTGCTGCAACTTCAGAACAGCAGCCATCTGGCCTCCATCCACAGCACA
GTAGATGCTCTTTTACACCCACAGGGTGATCTCCAGCAGAGGAGTCTTCTTCAATGATGTCTGGATTGGAC
TGAATGATCCAGGGAAAAATCGTATCTGGGAGTGGACTGATGGCTCCGATTTTGATTATACATCCTGGAG
AGTACGGGAACCCGGCAATGCTGATAGTGGGAGTACTGTGTTAAGTTGACCAGATTCTCAAGGTTTTTTT
AGTTGGAAAGCTGCCAACTGTGAATCCGAGAATTTTTCCTGCTGCAAGATGTAG

>GAHA01000021 Brachyurophis [Simoselaps] roperi LP-Bra-11 mRNA sequence
ATGGGGCGGATTCTCTTTGGTGGAGCCTGAGCTTGCTGGTTGTGGCTTTGTCCCTAAATGGAATTTGGAGCTG
ATCATCATTGCCCCTCGGACTGGATCTCCCTGGGGAAGTATTGCTACAAGTTCATCGAAGAACGGAAGAC
CTGGGAAGATGCCAGGAATCCTGCTGCAACTTCAGAACAGCAGCCATCTGGCCTCCATCCACAGCACA
GCAGATGCTCTTTTGGCCTCAACACAATGATCTTCAAGAAAAGGCTCATAAGCACTAAAGTCTGGATTGGAC
TGAATGATCCAGGGAAAAATCGTATCTGGGAGTGGACTGATGGCTCCAATTTTGATTATACATCCTGGGG
AATATTTGAACCCGGCAATGCTGATCGTGGGAGTACTGCGTTTCAGTTTACCAGTTCGTTATGTTTCTCT
GGTTGGAAAGCTGCCAACTGTGAATCCGAGAATTTTTCCTGCTGCAAGATGTAG

>GAHA01000022 Brachyurophis [Simoselaps] roperi LP-Bra-16 mRNA sequence
ATGAAGCGATTTCATTCTTCTAAGTCTTGGCTTGCTGGTTGTGGCCCTCTCCTTAAGGGGAAGTGGAGCCA
GTCCCCAATGTCCCTCCGAGTGGTCTTCTTAAATGGGCATTGCTACAAGTTCCTCAAACCTCTCAAGAG
CTGGCGTGGAGCAGAGATGCTCTGAGGCAGCAGGAGGAAGGCAGCCACCTCACTCCATCCAAAGCTGG
GCAGATGCAGATTATGTGGCCAAAGTTGATCCCGCGATGTCTTCTCGTCAATGTCTGGATCGGACTGA
GTGATCCAGAGAAAACGACGCTCTGGAAGTGGAGTGTGGCTCCAAGTTCCTCTACAGATCCTGGAACG
AGGAGAACCCAACTTTCTTCTGGAATGAGTACTGCGTCGAAGTTCGGAACCTGGCCAGGGTACCTCAGG
TGGAATGATCAGAATTTTCAGGTTCAAACGTTATTTTCATCTGCAAGTTCAGCCCCAGGGTGAGGGAAGCA
CCTGTTGA

>GAHA01000023 Brachyurophis [Simoselaps] roperi NP-Bra-2 mRNA sequence
ATGCTCGGCCCTCGCCGCTGTGCTGGCGGCGGGCTGCTGCTGCTGCTACTGCTGGCCCTGCTGCCTCTCG
CCCTCGACGGGAAGCGCGCGCTGCTCGCTCAGCGCTGCCAAGGCTCCGGCGGGCGGCACGACGCGCTC
GCGGCGGAGCTGACGGAGCAGCAGCAGCGCGCTCACCGGCGGAGGAGTCTCGGGTCCCGCGGCTGGG
CGCAGCGGCTCCAAGGCGGCCAAGATAGAGCTGGACAACGGCTGCTTTCGGCGTCCGGCTCGACCGCATCG
GCACCTCGAGCGGCTGGGCTGCAAAACCCCGTCGAAAACGCCCGACGCGGACCTGCGCGATCCTA
A

>GAHA01000024 Brachyurophis [Simoselaps] roperi NGF-Bra-3 mRNA sequence
ATGCATAGCGTAACATCCATGTTGTGCTACACTCTGATTATAGCATTTCTGATTGGCATATGGGCAGCAC
CAAAATCTGAAGATAATGTCCCTCTGGGCTCCCTGCAACATCTGACCTTTCTGACACCAGCTGTGCTCA
AACTCAAGGGTCTGAAAACATCTCTTAAATACAGATCAGCACCATCTGCTCTCTAAGAAGGCAGAGGAT
CAAGAAGTGGATCAGTAGCAAAATCATTGTGGATCCCAAGCTTTTTTCAAGAAGGGCGTTTCCAGTCAC
CTCGTGTCTGTTTCAGCACTCAGCCCCACCGTTGTCAAGAGATGAGCAAGTGTGGAGTTCCCGGACAA
TGAAGACGCTCTTAACATGAGTATCCGGGCCAAACGTGAAAATCATCTGCGTATAATGTAGGGGAACAT

TCTTTGTGTGACAGTATCAATAACTGGGTTACCAAAACCACAGCAACGGACATCCACGACAATAGGGTGA
CTGTGACGGCGGAGATAAAATATTAATAACCAATTCTTCAAGCAGTACTTTTTTGAAACCAAGTGCAGAAA
TCCAAATCCATTACCGAGTGGGTGCAGAGGCATTGATTCCAGGTATTGGAATCTTATGACACCACAACA
CAGTCATTTGTTCATGGCATTAAACAACGGAAGACAATCGGGCATCCTGGCGCTTCATTCCGATTGACACTG
CCTGTGTGTGCGTAATCAGTAGAAAAATCTGACAGCTTCTGA

>GAHA01000025 Brachyurophis [Simoselaps] roperi NGF-Bra-4 mRNA sequence
ATGCATAGCGTAACGTCCATGTTGTGTACACTCTGATTATAGCATTCTGATTGGCATATGGGCAGCAC
CAAAATCTGAAGATAATGTCCCTCTGGGCTCCCTGCAACATCTGACCTTTCTGACACCAGCTGTGCTCA
AACTCACAAGGGTCTGAAAACATCTCTAAATACAGATCAGCGCCATCCTGCTCCTAAGAAGGCAGAGGAT
CAAGAACTTGGATCAGCAGGCAACATCATTTGTGGATCCCAAGCTTTTTCAGAGAGGGCGTTTCCAGTCAC
CTCGTGTCTGTCTCAGCACTCAGCCCCACCCTTGTCAAGAGATGAGCAAAGTGTGGAGTTCCCCGACAA
TGAAGACGCTCTTAACATGAATATCCGGGCCAAACGTGAAAATCATCTGCGTATAATGTAGGGGAACAT
TCTGTGTGTGACAGTATCAATAAGCTTGGTTACCAAAACCACAGCAACGGACATCCACGACAATAGGGTGA
CTGTGACGGCGGAGATAAATCTTAATAACCATGTCTACAATCAGTACTTTTTTGAAACCAAGTGCATAAAA
TCCAAATCCAGTACCGAGTGGGTGCAGGGGCATTGATTCCAGGTATTGGAATCTTATTGCACCACAACA
CAGTCATTTGTTCATGGCATTAAACCATGGAAGCAATCGGACATCCTGGCGCTTCATTCCGATTGACACTG
CCTGTGTGTGCGTAATCAGTAGAAAAATCTGACAGCTTCTGA

>GAHA01000026 Brachyurophis [Simoselaps] roperi NGF-Bra-7 mRNA sequence
ATGCATAGCGTAACGTCCATGTTGTGTACACTCTGATTATAGCATTCTGATTGGCATATGGGCAGCAC
CAAAATCTGAAGATAATGTCCCTCTGGGCTCCCTGCAACATCTGACCTTTATGACACCAGCTGTGCTCA
AACTCACAAGGGTCTGAAAACATCTCTAAATACAGATCAGCGCCATCCTGCTCCTAAGAAGGCAGAGGAT
CAAGAACTTGGATCAGCAGCCAACATCATTTGTGGATCCCAAGCTTTTTCAGAGAGGGCGTTTCCAGTCAC
CTCGTGTCTGTCTGCACTCAGCCCCACCCTTGTCAAGAGATGAGCAAAGTATGGAGCTCCCCGACAA
TGAAGATGCTCTTAAAGATGAGTATCTGGGCCCAACGTGAAAATCATCTGCGTATAATGTAGGGGAACAT
TCTGTGTGTGACAGTATCAATAGCTGGGTACCAAAACCACAGCAACGGACATCTACGACAATAGGGTGA
TTGTGACGGCGGGGATAAATCTTAATAACCATGTCTACAAGCAGTACTTTTTTGAAACCAAGTGCAGAAA
TCCAAATCCAGTACCGAGTGGGTGCAGGGGCATTGATTCCAGGTATTGGAATCTTATTGCACCACAACA
CAGTCATTTGTCAAGGCATTAAACCATGGAAGCAATCAGGCATCCTGGCGCTTCATTCCGATTGACACTG
CCTGTGTGTGCGTAATCAGTAGAAAAATCTGACAGCTTCTGA

>GAHA01000027 Brachyurophis [Simoselaps] roperi NGF-Bra-9 mRNA sequence
ATGCATAGCGTAACGTCCATGTTGTGTACACTCTGATTATAGCATTCTGATTGGCATATGGGCAGCAC
CAAAATCTGAAGATAATGTCCCTCTGGGCTCCCTGCAACATCTGACCTTTCTGACACCAGCTGTGCTCA
AACTCAGCAGGGTCTGAAAACATCTCTAACTACAGATCAGCGCCATCCTGCTCCTAAGAAGGCAGAAAGAT
CAAGAACTTGGATCAGCAGCCAACATCATTTGTGGATCCCAAGCTTTTTCAGAGAGGGCGTTTCCAGTCAC
CTCGTGTCTCTTAAAGATGAGTATCTGGGCCCAACCATTTGTCAAGAGATGAGCAAAGTGTGGAGTTCTGGACAA
TGAAGACACTCTTAACAGGAATATCCGGACCAAAACGTGAAACTCATCTGTGCATAAACCAGGGGGAATAT
TCTGTGTGTGACAGTATCGATAGCTGGGTACCAAAACCACAGCAACGGACATCCACGACAATAGGGTGA
CTGTGATGGTGGATGTAATCTTAAATAACCATTTCTACAAGCAGTACTTTTTTGAAACCAAGTGCAGAAA
TCCAAATCCATTACCGAGTGGGTGCAGGGGCATTGATTCCAGGTATTGGAATCTTATTGCACCACAACA
CAGTCATTTGTTCATGGCATTAAACCATGGAAGCAATCGGACATCCTGGCGCTTCATTCCGATTGACACTG
CCTGTGTGTGCGTAATCAGTAGAAAAATCTGACAGCTTCTGA

>GAHA01000028 Brachyurophis [Simoselaps] roperi PLA2-Bra-11 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTTGTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCGACGTTCCCTC
CGATGCCTCTCAACCTCCTACAATTCGGCAACATGATTAACGTGCCAACCGTGGCCGCTCGACCTGTAG
GCATTATAGGACTACGGTTGCTACTGCGGCAAGGAGGTAGTGGGACACCGGTAGATGACTTGGATAGG
TGCTGCAAAACACATGACGACTGCTATGATGAAGCCGAAAAATACTCTCATGTAAGCCCTACTACAACAT
CCTATTTCATACAAATGTAATGAGGGCGAAGTCACTGCACAGATGACAACGATGAGTGTAGAGCCTTTAT
TTGTAATTGTGACCGCACGGCAGCATCTGCTTCGCCAGAGCCTATTACAACGAGGAGAACTGGGATATC
GACACCGCTGCAGTTGCCAATGA

>GAHA01000029 Brachyurophis [Simoselaps] roperi PLA2-Bra-12 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTTGTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCGACGTTCCCTC
CGATGCCTCTCAACCTCCTACAATTCGGCAACATGATTAACGTGCCAACCGTGGCCGCTCGACCTGTAG
GCATTATAGGACTACGGTTGCTACTGCGGCAAGGAGGTAGTGGGACACCGGTAGATGACTTGGATAGG
TGCTGCCAGTACATGACTACTGCTATGATGAAGCCGAAAAATACTCTCATGTAAGCCCTACTACAACAT
GCCCTACTACAACCTCCTATTATACAGAAATGTAATGAAGGGCGAAGTCACTGCACAGATGACAACGATGA
GTGTGAAGCCTTTATTTGTAATTGTGACCGCACGGCAGCCATCTGCTTCGCCAGAGCCTATTACAACAG
ACGAACCTGGAATATCGACATCTGCTGCACGTTGCCAATGA

>GAHA01000030 Brachyurophis [Simoselaps] roperi PLA2-Bra-17 mRNA sequence
ATGTATCCTGCTAACCTTATGATCCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCGACATTCCCTC
CGATGCCTCTCAACCTCCTACAATTCGGCAACATGATTAACGTGCCAACCGTGACAGTCGACCTTTGTT
GGATTATGCGGACTACGGTTGCTACTGCGGCAAGGAGGTAGTGGGACACCGGTAGATGACTTGGATAGG
TGCTGCCAGTACATGACTACTGCTATGATGAAGCCGAAAAATACTCTCATGTAATGATGCTGAGTG
GCCCTACTACAACCTCCTATTATACAGAAATGTAATGAAGGGCGAAGTCACTGCACAGATGACAACGATGA
GTGTGAAGCCTTTATTTGTAATTGTGACCGCACGGCAGCCATCTGCTTCGCCAGAGCCTATTACAACAG
GCCAACCTGGGATATCAACATCACTGCACGTTGCCAATGA

>GAHA01000031 Brachyurophis [Simoselaps] roperi VEGF-Bra-1 mRNA sequence
ATGAACTTTCTGCTCACTTGGATCCATTGCGGGTTGGCGGCACTGCTTTATTTCCACAACGCCAAGGTGT
TGCAGGCTGCTCCTGCCCAAGAGGATGGAGAGAAGCAACAGATGAAGTTATCCCATTTATGACAGTCTT
TGAGCGGAGTGCTCGAGGCCATTGAGACCATGGTAGATATTTACAGGAGTATCCTGATGAGGTGGAA
TACATGTTCAAACCATCCTGTGTGCTCCTGATGAAATGTGGAGGATTTCTGTAATGACGAAGCGCTAGAA
GTGTGCCCCACAGAGGTGTACATGTACAGCATGGAGATCATGAACTCAGACACTTTTCAGAGCCAGCATAT
ACAACCTGATGAGCTTCCAGCAGCACAGTAAATGTCAA

>GAHB00000000.1|GAHB01000000 TSA: *Cacophis squamulosus*, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAHB01000001 *Cacophis squamulosus* 3FTx-Cac-16 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACGTGGGATATAATGCCCCCTCGGACTTGTCCAAATGGGCGAGAAGCTATGCTATAAAATTACTTCGTG
TGTTGGTGTGTTGTCCTCAAGAGAGACAGCCAAATCGAAATGGGATGTGCTGCTACTTGCCCGATACGGAAC
CGCGGTGTGAAAGTTATCTGTTGCTCAACAGACAGGTGCAACAAATTATCGAATTGGGAACGTCCTTGA

>GAHB01000002 *Cacophis squamulosus* 3FTx-Cac-18 mRNA sequence

ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACGTGGGATATAATGCCCTCGGACTTGTCCAAATGGGCAGAAGCTATGCTATAAAATTACTTTCGTG
TGTGGTGTGTTGTCCCAAGAGAGACCAAGCAATCGAAATGGGATGTGCTGCTACTTGTCCCGATACGGAAC
CGCGGTGTGAAAGTTATCTGTTGCTCAACAGACAGATGCAACAAATTATCGAATTGGGAACGTCCTTGA

>GAHB01000003 *Cacophis squamulosus* 3FTx-Cac-81 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGTATACACCAGGACAT
GTTGCAACCAACAGTCATCACAACTTAAACCACTATAGATTGTCCAAGTGGGGAGGACTCTTGCTATAA
AAGCTCTTGGAGAGGTCAACATGGTTCTACGGTGAATGAGAAGTGAAAGGGGATGTGGTTGCCCCCAC
GTGAAGAAAGGTATTACACTTACATGTTGCCAAACAGACGAATGCAACAATTAG

>GAHB01000004 *Cacophis squamulosus* 3FTx-Cac-139 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGTATACACCAGGACAT
GTTGCAACCAACAGTCATCACAACTTAAACCACTATAGATTGTCCAAGTGGGGAGGACTCTTGCTATAA
AGGCTCTTGGAGAGGTCAACATGGTTCTACGGTGAATGAGAAGTGAAAGGGGATGTGGTTGCCCTCAC
GTGAAGAAAGGTATTACACTTACATGTTGCCAAACAGACGAATGCAACAATTAG

>GAHB01000005 *Cacophis squamulosus* 3FTx-Cac-152 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGTATACACCAGGACAT
GTTGCAACCAACAGTCATCACAACTTAAACCACTATAGATTGTCCAAGTGGGGAGGACTCTTGCTATAA
AAGCTCTTGGAGAGGTCAACATGGTTCTACGGTGAATGAGAAGTGAAAGGGGATGTGGTTGCCCTCAC
GTGAAGAAAGGTATTACACTTACATGTTGCCAAACAGACGAATGCAACGATTAG

>GAHB01000006 *Cacophis squamulosus* 3FTx-Cac-180 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGTATACACCAGGTCAT
GTTGCAACCAACAGTCATCGCAACCTAAACCACTAAATGTTGTGAGGAGAACTCTTGCTATAAAAGAC
TTGGAGTGATCACCCTGGAACATAAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGAAAGGTATTAA
CTTACATGTTGCCAAACAGATGAATGCAACAATTAG

>GAHB01000007 *Cacophis squamulosus* 3FTx-Cac-182 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGTATACACCAGGTCAT
GTTGCAACCAACAGTCATCGCAACCTAAACCACTAAATGTTGTGAGGAGAACTCTTGCTATAAAAGAC
TTGGAGTGATCACCCTGGAACATAAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGAAAGGTATTAA
CTTACATGTTGCCAAACAGACGAATGCAACAATTAG

>GAHB01000008 *Cacophis squamulosus* 3FTx-Cac-203 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGTATACACCAGGTCAT
GTTGCAACCAACAGTCATCGCAACCTAAACCACTAAATGTTGTGAGGAGAACTCTTGCTATAAAAGAC
TTGGAGTGATCACCCTGGAACATAAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGAAAGGTATTGCA
CTTACATGTTGCCAAACAGACGAATGCAACAATTAG

>GAHB01000009 *Cacophis squamulosus* 3FTx-Cac-220 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTAGTAT
GTCTCGGAGGTTCCGGTCTTATAAAGATGTGGTTTGTGCAAAAGACCAGACCACTTGTCTATCGATATAT
TGTTTGGCCCAATTAAAGTCGTATGCTAATCATGAGGGGATGTACTTCTTCTTGCCCTGAAAGAAATAAT
AATTTGTGTTGCGAGTACAGACCGGTGCAACAAGTAG

>GAHB01000010 *Cacophis squamulosus* 3FTx-Cac-225 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTAGTAT
GTCTCGGAGGTTCCGGTCTTATAAAGATGTGGTTTGTGCAAAAGACCAGACCACTTGTCTATCGATATAT
TGTTTGGCCCAATTAAAGTCGTGTTACAATCATGAGGGGATGTACTTCTTCTTGCCCTGAAAGAAATAAT
CATGTGTGTTGCGAGTACAGACCGGTGCAACAAGTAG

>GAHB01000011 *Cacophis squamulosus* 3FTx-Cac-228 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTAGTAT
GTCTCGGAGGTTCCGGTCTTATAAAGATGTGGTTTGTGCAAAAGACCAGACCACTTGTCTATCGATATAT
TGTTTGGCCCAATTAAAGTCGTGTTACAATCATGAGGGGATGTACTTCTTCTTGCCCTGAAAGAAATAAT
AATGTGTGTTGCGAGTACAGACCGGTGCAACAAGTAG

>GAHB01000012 *Cacophis squamulosus* 3FTx-Cac-236 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTAGTAT
GTGTCGGAGGTTCCGGTTCTTATGAAGATGTGGTTTGTGAAAAACACCAGACCACTTGTCTATCGATATTC
TGTTTGTCCATTTAGAGGTCTGTTTAATCATGAGGGGATGTAGTGCTTCTTGCCCTGGAGGAAATAAT
CATGTGTGTTGCGAGTACAGACCGGTGCAACAAGTAG

>GAHB01000013 *Cacophis squamulosus* 3FTx-Cac-241 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTAGTAT
GTGTCGGAGGTTCCGGTTCTTATGAAGATGTGGTTTGTGAAAAACACCAGACCACTTGTCTATCGATATTC
TGTTTGTCCATTTAGAGGTCTGTTTAATCATGAGGGGATGTAGTGCTTCTTGCCCTGGAGGAAATAAT
CATGTGTGTTGCGAGTACAGACCGGTGCAACAAGTAG

>GAHB01000014 *Cacophis squamulosus* CrISP-Cac-1 mRNA sequence
ATGTTACAAATGGAATTCTCGTGCTGCTCAAAATGCAAAACGTGGGCAGATAGATGTTCTTTTA
CTCACAGTCCATCACATTTAAGAACTGTGGGAAAAATTCGGTTGTGGTGAAAAATCTATTAATGTCAAGTCA
ACCTTTTGCATGGAGTAGAGTAATTCAGTCTTGGTATGATGAAAACAAAAAATTCGTCTATGGCGTTGGA
GCAAAGCCACAGGTTCTGTTATTGGCCATTATACCCAGATAGTTTGGTACAAAAGTCACCTTTGGTT
GTGCTGCTGCCAGATGTTCTTCAACCAAAATACATCTACGTTTGTCAATACTGCCAGCAGGGAACATCAA
AGGTTCAATTGCTACTCCATATAAATCAGGGCCACCTTGTGGGGACTGTCTTCGGCTTGTGTCAACGGA
CTATGCACAAATCCTTGCAAAACATAACGATGACTTCTTGAACTGCAAACTTTAGCGAAAGAATCTAAAT
GCCAGATGCATGGATCAAGTCAAAATGCCCTGCTTCTTGCTTCTGCCGCACTGAAATAGTATAA

>GAHB01000015 *Cacophis squamulosus* CVF-Cac-3 mRNA sequence
ATGGTAGTGACTGAGCAAAGCGGCATTATGTTGTGATATCTCCCTATCAGATCTACTTCACAAAAACCC
CCAAATATTTCAAGCCAGGAATGCCATAGAACTGACGGGTGATGTTACCAACCCCTGATGGCTCACCAGC
TGCCAAATGTACAGTACATGAGAGGCATTCTTCTGAGGGAACCACTTTGAGCGATGGGACTGCTAAG
CTCATCTGAACACACCCTGAACATTCAAAGCCTACCGATCACTGTTAGAACCAACCATGGAGACCTC

>GAHB01000016 *Cacophis squamulosus* KP-Cac-7 mRNA sequence
ATGTCTTCCGGAGGTCTTCTTCTCTGCTGGGACTCCTCACCTCTGGGACGGGCTGACCCCTGTCTCCA
GCAAGGACCGTCCAAAGTTCTGTGAACCTGCCTCGACAAAGGACCATGTAAGGGCTCGTTCCCTAGCCTT
CCACTACCACCCAGTTCAACAGCAGTGCCGACAGTTTACTTATGGTGGATGCCAAGGGAATCCTAACAAAT

TTTAAGACCATAGAGGAATGCAAAAGCACCTGTGCTGCATGA

>GAHB01000017 *Cacophis squamulosus* KP-Cac-8 mRNA sequence

ATGTCCTCCGGAGGTCTTCTCTCTCTGCTGGGACTCCTCACCTCTGGGACGGGCTGACCCCTGTCTCCA
GCAAGGACCGTCCCAAAGTTCTGTGAATGCCTCCTGACAAAGGACCATGTAAGGGCTCGTTCCTAGCCTT
CCACTACCACCCAGTTCAACAGCAGTGCCGACAGTTTACTTATGGTGGATGCCAAGGAATCCTAACAAAT
TTTAAGACCATAGAGGAATGCAAAAGCACCTGTGCTGCATGA

>GAHB01000018 *Cacophis squamulosus* KP-Cac-9 mRNA sequence

ATGTCCTCTGGAGGTCTTCTCTCTCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCGTCTCCA
GCAAGGACCGTCCCAAAGTTCTGTGAATGCCTCCTCATGACATCGGACCATGTAAGGCCAAGTTCCAGCCTT
CTACTACGACCCAGTTTATCATATATGTGGAAGTTTACTTATGGTGGATGCCAAGGAATCCTAACAAAT
TTTAAGACCATAGAGGAATGCAAAAGCACCTGTGCTGCATGA

>GAHB01000019 *Cacophis squamulosus* KP-Cac-10 mRNA sequence

ATGTCCTCCGGAGGTCTTCTCTCTCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCTGTCTCCA
GCAAGGACCGTCCCAAAGTTCTGTGAATGCCTCCTCATGACATCGGACCATGTAAGGGCTCGTTCCTAGCCTT
CCACTACCACCCAGTTCAACAGCAGTGCCACAGTTTCTTTTATGGTGGATGCCAAGGAATCCTAACAAAT
TTTGAGACCATAGAGGAATGCAAAAGCACCTGTGCTGCATGA

>GAHB01000020 *Cacophis squamulosus* KP-Cac-14 mRNA sequence

ATGTCCTCTGGAGGTCTTCTCTCTCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCGTCTCCA
GCAAGGACCGTCCCAAAGTTCTGTGAATGCCTCCTCATGACATCGGACCATGTAAGGGCTCGTTCCAGCCTT
CTACTACGACCCAGTTTATCATATATGTGGAAGTTTACTTATGGTGGATGCCAAGGAATCCTAACAAAT
TTTAAGACCATAGAGGAATGCAAAAGCACCTGTGCTGCATGA

>GAHB01000021 *Cacophis squamulosus* KP-Cac-20 mRNA sequence

ATGTCCTCTGGAGGTCTTCTCTCTGCTGCTGGGACTTCTCACCTCTGGGAGGGGCTGACTCCCGTCTCCA
GCAAGGACCGTCCCAAAGTTCTGTGAATGCCTCCTCATGACATCGGACCATGTTATGGCTGGCTCCTAGCCTT
CTACTACAATCCAGTTCAACATCAATGCCTACAGTTTATTTTATGGTGGATGCCAGGAATGCTAACTAT
TTTAACACCATAGAGGAATGCAAAAGCACCTGTGCTGCATAA

>GAHB01000022 *Cacophis squamulosus* LP-Cac-4 mRNA sequence

ATGGGGCGATTCTCTTGGTGACCTTGAGCTTGCTGGTTGTGACTTTGTCCCTAAATGGAATTGGAGCTG
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CTGGAATGATGCCGAGGCCTCCTGCGTGCAACTTCAGAACAGCAGCCGCTGGTCTCCATCCACAGCGGA
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ACCCAGGAAAAAATCGCACCTGGAAGTGGAGTGACTCCGATTATGATTATACATCTGGGGATCATC
GCAACCCGGCAATACGTACCGTGACAGTTCTGCGTTAAGATGACCCGTAGCATATTGAAGCTTGAGTGG
AAAGCTACCACGTGTGAATCCAATCATTATTTTCATCTGCAAGATGTAG

>GAHB01000023 *Cacophis squamulosus* NP-Cac-2 mRNA sequence

ATGCTCGCCCTCTCCCGTCTGGCGGGCGGCGGGCTGCTGGTGCTGGCCCTGCTGCCTCTCGCCCTCGACG
GGAAGCCGGCGCGCGCCTCAGGCGCTGCGCAAGGCTCCGGCGGGCGGCATGACGGCGTCCGGCGGGA
GCTGACCGAGGAGCAGCAGCCGCCGCGCGGAGGAGTCGTGCGGTCCCGCGGCTGAGCGCAGCGGCTCC
AAGGCGGCCAAGATAGAGCTGGACAAACGGCTGCTTCGGCGTCAGGCTCGACCGCATCGGCACCTCCAGCG
GCCTGGGCTGCAAAAACCCCGTCGGAACAGTCCCGACGCCGACACCTGAGGGATCCTAA

>GAHB01000024 *Cacophis squamulosus* NP-Cac-4 mRNA sequence

ATGCTCGCCCTCTCCCGTCTGGCGGGCGGCGGGCTGCTGCTGCTGGCCCTGCTGCCTCTCGCCCTCGACG
GGAAGCCGGCGCGCGCCTCAGGCGCTGCTTAAGGCTCCGGCGGGCGGCACGACGGCGTCCGGCGTGGGA
GCTGACCGAGGAGCAGCAGCCGCCGCGCGGAGGAGTCGTGCGGTCCCGCGGCTGAGCGCAGCGGCTCC
AAGGCGGCCAAGATAGAGCTGGACAAACGGCTGCTTCGGCGTCAGGCTCGACCGCATCGGTACCTCCAGCG
GCCTGGGCTGCAAAAACCCCGTCGGAACAGTCCCGACGCCGACACCTGAGGGATCCTAA

>GAHB01000025 *Cacophis squamulosus* NP-Cac-5 mRNA sequence

ATGGTCGCCCTCTCCCGTCTGGCGGGCGGCGGGCTGCTGGTGCTGGCCCTGCTGCCTCTCGCCCTCGACG
GGAAGCCGGCGCGCGCCTCAGGCGCTGCGCAAGGCTCCGGCGGGCGGCATGACGGCGTCCGGCGGGA
GCTGACCGAGGAGCAGCAGCCGCCGCGCGGAGGAGTCGTGCGGTCCCGCGGCTGAGCGCAGCGGCTCC
AAGGCGGCCAAGATAGAGCTGGACAAACGGCTGCTTCGGCGTCAGGCTCGACCGCATCGGCACCTCCAGCG
GCCTGGGCTGCAAAAACCCCGTCGGAACAGTCCCGACGCCGACACCTGAGGGATCCTAA

>GAHB01000026 *Cacophis squamulosus* NP-Cac-3 mRNA sequence

ATGCTCGCCCTCTCCCGTCTGGCGGGCGGCGGGCTTCTGCTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGGCGCGCCTCAGGCGCTGCGCAAGGCTCCGGCGGGCGGCACGACGGCGTCCGG
GCTGGAGCTGACCGAGGAGCAGCAGCCGCCGCGCGGAGGAGTCGTGCGGTCCCGCGGCTGAGCGCAGC
GCCTCCAAGCGGCCAAGATAGAGCTGGACAAACGGCTGCTTCGGCGTCAGGCTCGACCGCATCGGCACCT
CCAGCGGCTGGGCTGATAAAACCCCGTCGGAACAGTCCCGACGCCGACACCTGAGGGATCCTAA

>GAHB01000027 *Cacophis squamulosus* NGF-Cac-1 mRNA sequence

ATGTCCATGTGTGTACACTCTGATTATAGCATTTCTGATTGGCATATGGGCAGCACCAAAATCTGAAG
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TCTGAAAACATCTCGAAATACAGATCAGACCATCCTGCTCCTAAGAAGGCAGAGGATCAAGAACTTGGTA
TCAGTAGCAAAACATCATTTGTGGATCCCAAGCTTTTTCAGAAGAGGCAGTTCCAGTCGTCTCGTGTCTGT
TCAGCACTCAGCCCCACGTTGTCAAGAGATGAGCAAAGTGTGGAGTTCCTGGACAATGAAGATGTTCTT
AAC

>GAHB01000028 *Cacophis squamulosus* PLA2-Cac-6 mRNA sequence

ATGTATCTGTCTCACCTTCTGTGCTCTTTGGCAGTTTGTGTCTCCATCTTAGGAGCCGTCACCATTCCTC
CCCTGCCTCTCAACGTCATTAGTTCAAGAAATGATTCAATGTGCCAACCATGGCAGTCGACCTACACG
GCATTATAGAACTACGGTTGCTTCTGCGGCTCAGGAGGTACGGGACACCGGTAGACGCCTTGGACATG
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TTGTGACGTACAGCAGCCAACCTGCTTTGCCAGAGCCCTTACAAAGATAGGAACTACAATATCAGCACC
AAGGCACGTTGCCAATGA

>GAHB01000029 *Cacophis squamulosus* PLA2-Cac-12 mRNA sequence

ATGTATCTGTCTCACCTTCTGTGCTCTTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCGCCACCATTCCTC
CCCTGCCTCTCAACCTCGTACAATTAGCTACTTGTATTCAATGTGCCAACCATGGCAGTCGACCTACTTG
GCGTTATATAGAACTACGGTTGCTACTGCGGCGCAGGAGGTTACGGGACACCGGTAGACGCCTTGGACATG
TGCTGCAAAAGTACATGACGACTGCTATGGTGAAGCCGAAAAAAGGATGCGACCCCAAGTTGTTGGCGT

ATGATTACTACTGTGGCAGAGATGGACCCCTACTGCAGAAATATCAAAAAGAAGTGTCTACGTGTTGTGTG
TGATTGTGACGTTGCAGCAGCCGAGTGCTTTGCCAGAACCCCTTACAACAGTAGGAACCTTCGCTATCAAC
ATCAAATTACGTTGCATACCGATATATGAGAGGCTTCAGCGCTAG

>GAHB01000030 *Cacophis squamulosus* PLA2-Cac-16 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCGCCACCATTCCCTC
CCCTGCCTCTCAACCTCTATCAGTTCGGCCGCTGATTCAATGTGCCATCCGCGGCAGTCGATATACTTG
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TGCTGCAAAATACATGACGACTGCTATGGTGAAGCCGAAAAAAGAGTGCAGACCCCAAGTGGATGCCGT
ATACTTGGGAATGTGACAACGATGTACCCATCTGCAGTGTGAAAAAGAAGTGTCAACGTTTGTGTGTGA
TTGTGACGCCAAAGCAGCCATCTGCTTCGCGGAGCCCTTACAACAGGAGAAACAACCATGTCTGCCTC
ACTGAACGTTGCCAATGA

>GAHB01000031 *Cacophis squamulosus* PLA2-Cac-18 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCGCCACCATTCCCTC
CCCTGCCTCTCAACCTCTATCAGTTCGGCCGCTGATTCAATGTGCCATCCGCGGCAGTCGATATACTTG
GGATTATATGGACTACGGTTGCTTCTGCGGCTCAGGAGGTACGCGGACACCGGTAGACGCCTTGGACATG
TGCTGCAAAATACATGACGACTGCTATGGTGAAGCCGAAAAAAGAGTGCAGACCCCAAGTGGATGCCGT
ATACTTGGGAATGTGACAGCGATGTACCCATCTGCATTTCAAAAACGGGGTGTGAAAGTTCGCGTGTGA
TTGTGACGCCAAAGCAGCCATCTGCTTCGCGGAGCCCTTACAACAGGAGAAACAACCATGTCTGCCTC
ACTGAACGTTGCCAATGA

>GAHB01000032 *Cacophis squamulosus* VEGF-Cac-1 mRNA sequence
ATGAACCTTCTGCTCAGTTGGATCCATTGCGGGTGGCGGCGCTGCTTTATTTCACAACGCCAAGGTGT
TGCAGGCTGCTCCTGCCCAAGAGGATGGAGAGAAGCAACAGATGAAGTTATCCATTATGACGGTCTT
TGACCGAGTGCTCCTCAGCGCCATGGAGACCATGGTAGATATTTACCAGGAGTATCCTGATGAGGTGGAA
TACATGTTCAAACCATCTGTGTGCTCCTGATGAAATGTGGAGGATTCTGTAATGACGAAGCGCTAGAAT
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GAAATCACTGTGAACCTTGCTCAGAAAGGAGAAAGCACTTGTAACAACAAGATCCCTTGACCTGTAAAT
GTTCTGCAAAATTCAGAGACTCAGTTGCAAGTGAAGCAGCTTGAGTTAAACGAGCGCACTTGCAGATG
TGAAAAACCAAGCGGTGA

>GAHB01000033 *Cacophis squamulosus* WP-Cac-1 mRNA sequence
ATGAAACCTTGGATTCTCCTGTTCCTAGCTGGTCTCCTCATCCTTTCAACTCAACTGGCAACAGCAAAGA
CCACCAACAGCAGTTTCCCCCAAAGTCAAGCCGGCGAGTGTCCCAAGGTCAAATTGATCCTGAGCA
TCCATGTAAACCAAGACTGTGCCTGCGACTCTGGATGCCAAGGAATAAGAAATGCTGCCAGTCGGATGC
GCCAGAGAATGTTTTAGCCCAAGACCCCTCTGA

>GAHB01000033 *Cacophis squamulosus* KP-Cac-21 mRNA sequence
ATGGTGTCTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGCAGAGCTGACCCCGTCTCCG
GCCAGACCGTCCAAGGTTTTTGTCTCTTCTGCTGACCCCGACCATGTAGAGCAAAATAACTCGCTT
TTACTACAACCTCGGTTCAAACAATGTGAAAAGTTTATTTATGGCGGATGCCAGGGCAATGCCAACAAT
TTTGAGACCAAAGATAGATGCCACTACACTGTGTGGAAAAACCTGGAGTGTGTCCTCCAGGCCCTCAAC
AACAACAACAACAACAACTTCTCTGTCTCGAGAGGTGTCAACATGACTGGAATGTCTCTGGGAGCAGAA
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>GAHC00000000.1|GAHC01000000 **TSA: Denisonia devisi, transcriptome shotgun assembly, transcriptome shotgun assembly**

>GAHC01000001 *Denisonia devisi* 3FTx-Den-1 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTCTCAT
GCTACAAAACACCTGGTCTGGAATCTGAGGCTTGTGCACCTGGGGAGAACCCTATGCTATACAAGGACTTG
GTGTGATGCTCGGTGGGCTCATGGGAAAGCGAATCGAACTGGGATGTGCTGCTACTTGCCCTACAGCG
AAGACCGGCATCGATGTTATCTGTTGCTCAACAGACAATTGCAACCCACATCCGAAACGGAAACCTCATT
GA

>GAHC01000002 *Denisonia devisi* 3FTx-Den-5 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTCTCAT
GCTACAAAACACCTGGTCTGGAATCTGAGGCTTGTGCACCTGGGGAGAACCCTATGCTATACAAGGACTTG
GTGTGATGCTTGTGTTGTCGCTATGGCAAAGCGAATCGAACTGGGATGTGCTGCTACTTGCCCTGAAGGG
AGGCCCCGCATCGATGTTACCTGTTGCTCAACAGACAATTGCAACCCACATCCGAAACGGAAACCTCATT
GA

>GAHC01000003 *Denisonia devisi* 3FTx-Den-9 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAAACAGCTTCTCAT
GCTACAAAACACCTGATGTTAACTCTGAGCCTTGTGCACCTGGGGAGAACCCTATGCTATACAAGGACTTG
GTGTGATGCTTGTGTTCCAGCAGAGGAAAGTAATCGAACTGGGATGTGCTGCTACTTGCCCTCCAGCG
GAGCCAAAAAAGGATATTACCTGTTGCTCAACAGACAATTGCAACCCACATCCGGCAGACAAAATCTCGTT
GA

>GAHC01000004 *Denisonia devisi* 3FTx-Den-15 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTCTCAT
GCTACAAAACACCTGATGTTAACTCTGAGCCTTGTGCACCTGGGGAGAACCCTATGCTATACAAGGACTTG
GTGTGATGCTTGGTGGCGCAGCAGAGGAAAGCGAATCGAACTGGGATGTGCTGCTACTTGCCCTCCAGCG
GAGCCAAAAAAGGATATTACCTGTTGCTCAACAGACAATTGCAACCCACATCCAGCAGACAACCTCTCGTT
GA

>GAHC01000005 *Denisonia devisi* ACN-Den-1 mRNA sequence
ATGCGTGGCGGTGGCCTTGGTGGCTCCAGCTTGCTCCTTTGCATCCTGTCTCCGTAGCAGTCTTGCCTG
GCCGGGCAAGCGAGCTGAAAGTGTCCACGCAGATGGGCCTGGTGGCTGGCCTGAGCCTGCCGGTTCTCGA
CGGCCACGCTCTCGGCTTCTTGGGCTCCCTTTGCGGAGCCTCCCGTGGGCAAGGATGCGCTTCTGCGC
CCTGAGCCCGTCAAGCCCTGGCAGCATCCTGGACGCCACTTCTACCAGCGCGCCTGTTACAGGCGG
TGGACAACAGCTACCCAGGCTTCCAGGGCACGGAGATGTGGAACCCCAACCGGGGCATGAGCGAGGACTG
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GGGGCAATCCAGCGCGTCAACATCTTGGGGAGAGTGCCGGGGCCGCTCGTGGGCATGCACCTGC

TTTCCACCCAGAGCCGCGCCCTCTTCCAGCGGGCCATTCTGCAGAGCGGCGGCCCAACGCACCGTGGGC
CACCGTCACGCCTGCCGAAAGCCGGCGCGGGCGGCCCTTCTGGGAAAGCAGCTGGGCTGCCAGTTCAAC
AACGATTCCGAGCTGCTCAGTTGCTTGCCTCGAAACCCCGCAGGAGCTGATCGACGAGGAGTGGTCCG
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CAGGATGATRCGTACTGGGTCAACTTGYGCCGGACAGGGAACCCACCGACCTGCCGAGAAGGACGGG
GCCTGGCCACCTACACCGCCTCCCGGCCGAGTATGTCCAGCTCAACACCCAGCCGTGGCCACCCAAC
CCAGCCTGCGGGGCCAGATCTGCG

>GAHC01000006 Denisonia devisi CRiSP-Den-3 mRNA sequence
ATGATTGCCTTCATTGTCTTGCTAAGTCTTGCTGCAGTGTGCAACAGTCTTCTGGAAGTGTGATTTTG
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AGTGAAACCAACTGCTAGGAACATGTTACAAATGAAATGGAATTCTCGTGTGCTCAAAACGCAAAACGT
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ACTGCCCAGCAGGGAACATCAGAGGTTCAATTGCTACTCCATATAAATCAGGGCCAGCTTGTGCGGACTG
TCCTTCAGCTTGTGTCAACGGACTATGCACAAATCCTTGCAAAATATAAGGATGACTTCTCGAACTGCAAA
GCTTTAGCGAAAAAACTAAATGCCAGAGTCGATGGAATCAAGTCAAAATGCCCTGCTACTTGTCTTGCCA
CAATAAAATAA

>GAHC01000007 Denisonia devisi cystatin-Den-1 mRNA sequence
ATCCCCGGGGGCTTTCCCGAGATCCGTACGGATCCGGACGTGCAGGAAGCCGCCGAGTTCCGCCGTGC
AAGAATACAACCGCGCTCAGCGCAACGCCTACTATTACAAGCAGTTGCGCATTGTGGAGGCGCAGTCCCA
GGTAGTCTCAGGGGAGAAATATTATCTGACGATGGAGCTGATGAAAAMCCAAGTGTGCAAGACCAACCGG
CAAGCCAAAGTGTACAAAGAGATCCAGAAGTGTGA

>GAHC01000008 Denisonia devisi KP-Den-3 mRNA sequence
ATGTGCAAGATGTTTCTATATGGGGGTGTCTGTGGCAACAAGAACCACTATCTCTTTCGAAGAGCACTGCT
GGAGCCAGTGCACAGGTGATGGAGAGATAACCAAAGAGCCAGGAGACGCAGGCGCCCCGCCCTTCCCTCCC
TCTGAACCTTTCAGGTTCTCACACAGAGCTGTGGTCTTGGCGTCTTCTGGCCATCCTTGGTGA

>GAHC01000009 Denisonia devisi LAO-Den-1 mRNA sequence
ATGAATGTCTTCATTATTTTCTCACTGCTGTTCTTGGCTGCCTTGGAAGCTGTGCAGATGACAGAAGAA
GGCCCCTAGAAGAATGCTTCCGAGAAGCTGATTATGAAGAAATTTCTAGAGATCGCCAGGAATGGTTTGAA
CAAGGCATCAAAACCAAAACATGTTGTGGTTGTAGGTGCAGGAATGGCCGGGCTTAGTGCAGCCTACGTT
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TTCAGTGTTCAGACTAA

>GAHC01000010 Denisonia devisi LP-Den-2 mRNA sequence
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GGAGAATCAGTGAAGTTGCTCAACATCATCTCCAAAGATTGAAATTTCTTGTGTTTGGATGGGACTGA
GGCTTTCAAAGAGAAAAAGGCATCTGGGAGTGGAGTGGCTTCCAACTCACTCACACATCCTGGAAAAGA
AGGTGAACCCCAACCTTTTCAACAAGGAATTTCTGTGCTGTGCTGTGAGCTGAAACATGGTATCTCCAA
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GCTAA

>GAHC01000011 Denisonia devisi NP-Den-13 mRNA sequence
ATGCTCGGCCCTCTCAGTCTGGCGGGCGGCGGGCTGCTGCTGCTGGTGTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGGCGCCGCTGCTGAGGCGCTGCCACGGCTCCGGCGGGCGGCATGAAGGCGTCGCG
TCCGGTGTGACGGAGCAGCAGAGCAGCAACCAACAGCAGAAACAGCACCAGCATCCGCTCGCCGCGG
ATGGAGGAGTGTGCGGTTCCCGGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGATAGGGGACGGCTGCT
TCGGCGTCCCGATCGACCACATCGGCAGCTCGAGCGGCATGGGCTGCGGAGGCGTCCCGAAACCTGCGCG
ATCCTAA

>GAHC01000012 Denisonia devisi NP-Den-10 mRNA sequence
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TCGACGGGAAGCCGGCGCCGCTGCTGAGGCGCTGCCACGGCTCCGGCGGGCGGCATGAAGGCGTCGCG
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ATCCTAA

>GAHC01000013 Denisonia devisi NP-Den-9 mRNA sequence
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TGGCGGATCCTAA

>GAHC01000014 Denisonia devisi NP-Den-19 mRNA sequence
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ATGGAGGAGTCGTCCGGTCCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGATAGGGGACGGGTGCT
TCGGCGTCCCGATCGACCACATCGGCAGCTCGAGCGGCATGGGCTGCGGAGGCGTCCCGAAACCTGGCGG
ATCCTAA

>GAHC01000015 Denisonia devisi NGF-Den-2 mRNA sequence
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ACTACTGTAGTGAGTGCAGGGCATTGATTCAGGCTTGGAAATTTCTATTGCACCAAGACAGACATTT
GTCAGGCATTAAACCATGGCAGGCAATGTGACATCCTGGCGCTTCATTGCGATTGACACTGCCTGTGTGT
GTGTAATCATTTAGAAAACTGACAACTTCTGA

>GAHC01000016 Denisonia devisi PLA2-Den-2 mRNA sequence
ATGTATCCTGTTACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCGTCAGCATTCCTC
CGCGGCTCTGAACCTCTTACATTTCAAGGACATGATTGAATGTGCCAACCATGGCAGTCGAGGTGCATT
GGATTATGCGGACTACGGTTGCTACTGCGGCAAGGAGGTAGCGGGACACCGGTAGATGAGTTGGATAGG
TGCTGCCAAACACATGATGACTGCTATGGTGAAGCCGAAAACTCTCTGCATGTAATTACATGTTGAGTG
GCCCCTACTACAACCTTTAAATACAGACTGTGTTGAACACCACTCACCTGCAAGATGACAAGGATGA
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>GAHC01000017 Denisonia devisi PLA2-Den-9 mRNA sequence
ATGTATCCTGCTACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCCTCCGACATTCGTC
CGCGGCTCTGAACCTCTGACATTTCAAGGACATGATTGAATGTGCCAACCATGGCAGTCGACCTACTCG
GCATTATATGACTACGGGTGCTACTGCGGCTGGGGAGGTAGCGGGACACCGGTAGATGAGTTGGATGGG
TGCTGCAAAACACATGACGACTGCTATGGTGAAGTCGAAAAAAGGATGCTACCCCAAGTTGTCTGTTCT
ATAGTTGGAATGTACTGGAACCTGACCCACTGCGATTGAGAAACGGGTTGAAAGCTTCTGTGTGTCG
TTGTGACGCCGCGAGCAGCCAAGTGCTTTTGCCAAAGCCCTTACAACACGCAAACTGGAATATCAACACT
GACACACGTTTGCTAA

>GAHC01000018 Denisonia devisi PLA2-Den-12 mRNA sequence
ATGTATCCTGCTACCTTCTGGTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCGCCAACATTCCTC
CGCAGCTCTGAACCTCTGACATTTCAAGTACTGATTTCAATGTGCCAACCATGGCAGTCGACCTACTCG
GCATTATCTGACTACGGTTGCTACTGCGGCTCAGGAGGTAGCGGGACACCGGTAGATGAGTTGGATAGG
TGCTGCCAAACACATGACGACTGCTATACTCAAGCCGGAACAAAGGATGCTACCCCAAGTTGTTGGCGT
ATGATTACTACTGTGGCGAAATGGACCCCTACTGCGAGAAATATCAAAAGGAGTGTCAACGTTTGTGTG
TGATTGTGACGTTGAAGCAGCCAAGTGCTTTTGCCAAAGCCCTTACAACGACGCGAACTGGAATATCGAC
ACCACGAAACGTTGCAAAATGA

>GAHC01000019 Denisonia devisi SVMP-Den-9 mRNA sequence
ATATCCGAAGCTCTCTTGGTAACTATGCTTCACGGTTTTTCCATATCAAGGGAGCTCTATCATCCTGG
AATCCGGGAATGTTAATGATTATGAAGTAGTGTATCCACAAAAAGTGCTGCATTGCCCAAAGGAGGAGT
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TTATAGCAGACACAAGAATAATGGCATCTATAATGGCCCATGAGATGGGTATAATCTGGGCATTAAAT
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CCTATTGGTTGAGCTCTTGTAGTGTCAGGAACATCAGAGGTATCTTCTTAGAGTCAAACCACAATGCAT
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GAAGAAATGTGACTGTGCTCTCCTCAGGATTGTCAAAGTGTCTGCTGCAATGCTGCAACTTGTAACTGC
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CGCTTCCAGAGGAATGGACATCATGCCAAACAAGGGTACTGCTACAATGGGAATGCCCATCA
TGACAAACCAAGTGTATTGCTCTCGGGGGACAGGTGTAATGTGTCTCCAGATATATGTTTTCCGTTGAA
CAAGGATGGCCAAGGTTGTGGCTTCTGCAGAAATAGAAAATGGTAGAAGATTCCATGTGCAGCAAGGAT
GTAAAGTGTGGCATGCTATATGCGAAAGGGAAAGGATACATGCACCTGCTTTATTTCAAGACATGACC
CAGATTCTGGAATGGTTGAACCTGGAACAAATGTGGAGATGGAAAGGTGTGCATCAACAGGCAGTGTGT
TGATGTGCAGACAGCCTACTGA

>GAHC01000020 Denisonia devisi VEGF-Den-1 mRNA sequence
ATGAACTTTCTGCTCACTTGGATCCATTGCGGGTTGGCGGCGCTGCTTTATTTCACAAACGCCAAGGTGT
TGCAGGCTGCTCTGCTGCCAAGGAGTGGAGAGAAGCAACCAAGAAGTTATCCCAATTATGACGGTCTT
TGAGCGGAGTGCTGTCAGGCCCATTTGAGACCATGGTAGATATTTACCAGGAGTATCCCGATGAGGTGGAA
TACATGTTCAAACCATCTGTGTGCTCCTGATGAAATGTGGAGGATTCTGTAATGACGAAGCGCTAGAAT
GTGTGCCACAGAGGTGTACAATGTGACATGGAGATCATGAAACTCAGACACCTTCAGAGCCAGCATAT

ACAACTGATGAGCTTCCAGCAGCACAGTAAATGTCAATGCAGACAAAAGAAACCAATAAGAACTAAACAA
GAAAACTACTGTGAACCTTGTCTCAGAAAGGAGAAAGCACTTGTACAAACAAGATCCCTTGACCTGTAAAT
GTTCTTGCAAATTCACAGACTCACGTTGCAAGTCGAAGCAGCTTGAGTTAAACGAGCGCACTTGCAAGTG
TGACAAACCGAGGCGGTGA

>GAHC01000021 Denisonia devisi WP-Den-30 mRNA sequence
ATGCAGGCCAGATTCTCTCTCTGTTCACAGTGATCCTGTGGGATGATGGGGCTGTGATCTCCACTG
GAATTGAGAAAGCCGGTCTCTGTCCAGATGTGAACATGCCCATCCCACCTCTGGGTATTTGCAGAACAC
GTGTCAAACAGATTGCAACTGTCCAGACATCAAGAAGTGCTGCAAAAATGGCTGCGGGTTCATGACTTGT
TCAACGCCCAAAGCCTGA

>GAHD00000000.1|GAHD01000000 TSA: Echiopsis curta, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAHD01000001 Echiopsis curta 3FTx-Ech-9 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACTTAGGTAACAGCATGTCAT
GCTACAAAACACCTGATGTTAAATCTGAGCCTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTG
GTGTGATGCTTTTTTGTTCATCAGAGGAAAGGTAATCGAACTGGGATGTGCTGCTACTTGCCTCCAGCG
GAGCCAAGAAAGGATATTACCTGTTGCTCAACAAACAATTGCAACCCACATCCGGCACACAACCTCTCGTT
GA

>GAHD01000002 Echiopsis curta 3FTx-Ech-12 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCCTGTGCCTGGACTTAGGTAACAGCATGTCAT
GCTACAAAACACCTGATGTTAAATCTGAGCCTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTG
GTGTGATGCTTTTTTGTTCATCAGAGGAAAGGTAATCGAACTGGGATGTGCTGCTACTTGCCTCCAGCG
GAGCCAAGAAAGGATATTACCTGTTGCTCAACAAACAATTGCAACCCACATCCGGCACACAACCTCTCGTT
GA

>GAHD01000003 Echiopsis curta 3FTx-Ech-21 mRNA sequence
ATGAAAACCTCTGCTACTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACAAAGGATATAATGCCCTCAGACTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTGGTG
TGATGCTTTTTTGTTCAGCAGAGGAAAGGTAGTCGAATTGGGATGTGCTGCTACTTGCCTACAGTGAAG
CCCCATGTGGATATTAAGTGTGCTCAACAGACAAGTGCAACCCATTTCAGTACGTCCTAGATCACGTC
CTTGA

>GAHD01000004 Echiopsis curta 3FTx-Ech-25 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACAAAGGATATAATGCCCTCAGACTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTGGTG
TGATGCTTTTTTGTACAGCAGAGGAAAGGTAGTCGAATTGGGATGTGCTGCTACTTGCCTACAGTGAAG
CCCCATGTGGATATTAAGTGTGCTCAACAGACAAGTGCAACCCATTTCAGTACGTCGTAGATCACGTC
CTTGA

>GAHD01000005 Echiopsis curta 3FTx-Ech-35 mRNA sequence
ATGAAAACCTCTGCTACTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCATGTCAT
GCTACAAAACACCTGGTGTAAATCTGAGCCTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTG
GTGTGATGCTTGGTGTACAGCAGAGGAAAGGTAGTCGAATTGGGATGTGCTGCTACTTGCCTATACCA
AAGTCTATGAGGATATTAAGTGTGCTCAACAGACAATTGCAACACATTTCCACTACGTCCTAGATCAC
GTCTCGAGGGTGTCTCTCATCCATCATGGACCATCCTTGA

>GAHD01000006 Echiopsis curta 3FTx-Ech-37 mRNA sequence
ATGAAAACCTCTGCTACTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCATGTCAT
GCTACAAAACACCTGGTGTAAATCTGAGCCTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTG
GTGTGATGCTTGGTGTACCAGCAGAGGAAAGGTAGTCGAATTGGGATGTGCTGCTACTTGCCTATACCA
AAGTCTATGAGGATATTAAGTGTGCTCAACAGACAATTGCAACACATTTCCACTACGTCCTAGATCAC
AGCTCGAGGGTGTCTCTCATCCATCATGGACCATCCTTGA

>GAHD01000007 Echiopsis curta ACN-Ech-1 mRNA sequence
ATGCCCTCCTGCCAGCCTGGCAAGATGCCTGCGCGTGGCCTTGGTGGCTCCAGCTTGTCTTTGCATCC
TGTCTCCATAGCAGTCTTGCCTGGGCGGGCAAGCGAGCTGAAAGTGTCCACGCAGACGGGCTGGGTGCG
TGGCCTGAGCCTGCGGCTCTTGACGCGCCACGTCTCGGCCTTCTGGGCATCCCCTTTGCGGAGCCTCCC
GTGGGACGGCTGCGCTTCTGCGCCCTGAGCCTGTCAAGCCCTGGGCAGCAGCTCCTGGATGCTACTTCT
ACCAGCGCGCTGTTACAGATGGTGACAACAGCTACCCAGGTTTCCAGGGCACGGAGATGTGGAACCC
CAACCGAGGCATGAGCGAGGACTGCCCTCTACCTCAACATCTGGGTGCCCTCCC CGCGTCCCAGAGACGTC
CCCGTCTCTGGTCTGGATCTACGGAGGGGATCTACAGCGCGCTGCCTCCCTGGACGCTTACAGATGGCC
GTTTCTGTGACCTACACACAGAACGTCATCTTGGTCTCCCTCAGCTACCGCGTGGGGGCTTTCGGCTTTT
GGGCTACCCGGGCGATCCGGAGGCACAGGGAACATGGGGCTGCTGGACAGCGCTTGGCCCTGCAATGG
ATGCCAACAACATCAGTCAATTTTGGAGGCAATCCAGCGCGGTCAACATCTTTGGGAGAGTGCCTGGG
GCCGCTCGGTGGGCGATGCACCTGCTTTCACCCAGAGCGCGCCCTCTTCCAGCGGGCCATTCTGCAGA
GCGGCGGCCCAACACACCTGGGCGCCCTCACACCTGCGGAAAGCCGGCGCGGGCGGCTCTTCTGGG
AAAGCAGCTGGGCTGCCAGTTCAACAACGATTCAGAGCTGGTCAAGTTGCTTGGCTTGAAACCCC

>GAHD01000008 Echiopsis curta CRiSP-Ech-1 mRNA sequence
ATGATTGCCTTCATTGTCTTGTCTAAGTCTTGTGTCAGTGTCTGCAACAGTCTTCTGGCACTGTTGATTTTG
CTTCTGAGTCAAGTAACAGAAAGATTACCGAAAGGAGATTGTTGACAAGCACAATGCTTTAAGGAGATC
AGTGAACCAACTGCTAGGAACATGTTACAAATGAAATGGAATTCTCGTGTCTCAAATGCAAAACGT
TGGGCAGATAGATGTACTTTTGTCTCAGTCCATCACATACAAGAACTGTGGGAAAACCTCCGTGTGGTG
AAAATATATTATGTCAGTCAAGTCAACCTTTTGCATGGAGTGGAGTAGTTTCAAGCTTGGTATGATGAAGTCAA
AAAATTCGTCTATGGCATTTGGAGCAAAAGCCACGAGGTCTCTGTTATTGGCCATTACACAGGTAGTTTGG
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ACTGCCAGCAGGGAACATCAGAGGTTCAATTGCTACTCCATATAAAATCAGGGCCACCTTGTGGGAGCTG
TCCTTCGGCTTGTGTCAACGGACTATGCACAAATCCTTGCAATATGAAGATGATTTCTCGAACTGCAAA
GCTTTAGCGAAAACTCTAAATGCCAGACTGCATGGATCAAGTCAAAATGCCCTTCTGCTTGTCTTCTGCC
ACAATAAAATAATATAG

>GAHD01000009 Echiopsis curta KP-Ech-8 mRNA sequence
ATGATTGCCTTCATTGTCTTGTCTAAGTCTTGTGTCAGTGTCTGCAACAGTCTTCTGGCACTGTTGATTTTG
CTTCTGAGTCAAGTAACAGAAAGATTACCGAAAGGAGATTGTTGACAAGCACAATGCTTTAAGGAGATC
AGTGAACCAACTGCTAGGAACATGTTACAAATGAAATGGAATTCTCGTGTCTCAAATGCAAAACGT
TGGGCAGATAGATGTACTTTTGTCTCAGTCCATCACATACAAGAACTGTGGGAAAACCTCCGTGTGGTG
AAAATATATTATGTCAGTCAACCTTTTGCATGGAGTGGAGTAGTTTCAAGCTTGGTATGATGAAGTCAA

AAAATTCGTCTATGGCATTGGAGCAAAGCCACGAGGTTCTGTTATTGGCCATTATACCCAGGTAGTTTGG
TACAAAAGTCACTTCTTGGTTGTGCTTCTGCCAAATGTTCTTCAACCAAATACCTCTACGTTTGTCAAT
ACTGCCCAGCAGGGAACATCAGAGGTTCAATTGCTACTCCATATAAATCAGGGCCACCTTGTGGGGACTG
TCCTTCGGCTTGTGTCAACGGACTATGCACAAATCCTTGCAAATATGAAGATGATTTCTCGAACTGCAAA
GCTTTAGCGAAAAACTCTAAATGCCAGACTGCATGGATCAAGTCAAAATGCGCTTCTGCTTGTCTTGCC
ACAATAAAATAATATAG

>GAHD01000010 Echiopsis curta KP-Ech-3 mRNA sequence
ATGTGCCAGGAATTCAATTTTTGGAGGTTGCAAAGGCAATGCCAAACAACTTCGTCTCCAAACAGGACTGCT
TCCAGACGTGTATCAGAGGAGGGGCTGCAGAGGCAACGGTGGTACCTAGCGGGCCAGCCACTGAAGTGGC
TACACTAAGAGCTGGACATCTCCAGAGGCCCTACGAAAAACAGGCCCTGGCTTCAGAGAATTCTGTGCTGCG
CCCCGGGTGGTAGGTCCTGCGGGGCTCCTTCTCCTCGTTGGTACTTCGACCTAGAGAGCCGGACGTGCA
AGATGTTTCGTCTATGGGGGCTGTCGTGGCAACAAGAACATATCTCTTGAAGAGCACTGCTGGAGCCA
GTGCACAGGTGATGGAGAGATAACTGAAGAGCCAGGAGATGCAGGCGCCAGCCTCCCTCCCTCCGAA
CCCTTCAGCTTCTCCACCAGAGCTGTGGTCCCTTGCTGTCCTTCTGGCCATCCTGGTGAATCTCTGCTGG
GCTCGATGGGGGTTTTCTTGTTAAGATCTGCCGGAAGAACCCNGTTGTCACTGGGAACAGTGTGGAGCA
CGCTGGATGA

>GAHD01000011 Echiopsis curta KP-Ech-4 mRNA sequence
ATGTCTTCTGGAGGTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGTGCTGACCCCCGTCTCCA
GCAAGGACCGTCCACACTTCTGTCATGTCCTTATGATACCGGACCATGTAAGCCAGGTTTCATAGCCTT
CTACTACAACCTCAGTTCAACGTAAATGCCTAGAGTTTGTTTATGGTGGATGCGAAGGGAATGCTAACAAAT
TTTAAGACCATAGATGCATGCAACGCACCTGTGCTGCATGA

>GAHD01000012 Echiopsis curta LAO-Ech-1 mRNA sequence
CCCCTAGAAGAAATGCTTCCAAGAAGCTGATTATGAAGAATTTCTAGAGATCGCCAGGAATGGTTTGAACA
AAACATCAAAACCCAAACATGTTGTGTTGTAGGTGCAGGAATGGCTGGGCTTAGTGACGCTATGTTCT
TGCAGGAGCTAGACATAAGGTGACGCTTCTTGAAGCTAGTGAACGTGTGGGAGGACGAGTGAACACTTAT
CGAAATGAAACGGAAGGCTGGTATGTCAATCTGGGACCCATGCGTCTCCCTGAGAGACACAGGATTATCC
GGGAATATATCAGAAATTTGGTCTCAAGTTGAATGAATTTCTTCAGGAAAATGAGAATGCCTGGTATTT
TATTA AAAACATCAGGAAGAGATATGGGAAGTCAAGAAAGACCCCGGCGTCTTCAATATCCTTTGAAG
CCCTCAGAAAGAGCCGAAATCTGCTTACAGCTATATCGAGAAATCCCTCGAAAAGGTTATGGAAGAAATGA
AAAGGACTAGCTGCAGCTATATACTAAATAAATATGACACCTACTCAACAAAGGAGTATCTAATTAAGA
AGGAAATCTGAGCCGCGGAGCTGTAGATATGATTGGAAGTTACTGAATGAAGATTCTAGCTATTACCTG
TCTTTATTGAGAGCTGAAAGCTGGTATGTCAATCTGGGACCCATGCGTCTCCCTGAGAGACACAGGATTATCC
GATTTGATCAATTGCTATATCCATGTATCAAGCCATGCGCAAAATGGTGCATTTAAATGCTCAAGTAAT
CAAGATACAACAATGCTGAGGAAGTCAGAGTGACATATCAAACTCCAGAAAATACCTTGTCTATGTG
ACAGCCGATTATGTCTATTGTATGTCTCCACATCAAGGGCCACCGCTGCGATCTATTTTGAACCTCCCTTC
CACCAAGAAAGCACACGCTTTGCGGTCTATCCACTACAGAAGTGGCACCAGATCTTCTCACTTGAC
TAGGAAGTTTTGGGAGGCTGATGGCATTCTGGTGGGAAGTCCACAACCTGATCTTCCATCTCGATTCTATC
TACTACCTTAACCTAACTTACTGCTTGGCGTGGAGTTATGTGGCCATATACCTTGTGATGATGCGG
ATTTCTTTCAAGCTCTTGATATCAAGACCAAGTGTGATATTGTCAATTAATGACCTTTCACTCATCCATCA
GCTGCCCAAGGAAGAGATCCAGGCCCTCTGCTACCCCTCAATGATTAAAAAATGGAGCCTGGATAAATAT
GCTATTGGGTGCTATAACCTCTTCACTCCTTACCAGTTTCAAGATTTTATTGAAACAGTCTGCTGCACCTG
TAGGCAGAATCTACTTTGCAGGGGAGTACACTGCCAGAGTTTATGGTTGGTTGGACAGCACAAATTAAGTC
AGGGCTGACAGCAGCAAGAGATGTGAATCGTGCTTCTCGGAAGCCATCAAGAAATCCAGCTGATCAGTGAC
AATCAACTTCAAGAAGGAGGTCAACACAAGGAGAATCTTAACACAGCCACTTTGCCCATTTCTGGCAACTTC
TAGGTTTTTTCAGACTAA

>GAHD01000013 Echiopsis curta LP-Ech-1 mRNA sequence
ATGGCGCAATTCATCGTCGTGAGCTTACCTTGCTGGTCGTGGCCCTCTCCTTAAGGGGAACCTGGAGCTG
ATCACCATTTGCTCCTAGCGGTTGGGCTCCTATAATGAGTTTTGCTACATGGTCCACAACAGATCCGTCAC
CTGGAACAATGCCAGAGAGATTCTGCTGCAGCAAGAGACAAACTGCCACCTCCCTCCATCCATAGCAAG
CCAGAGGCAGCCTTTCATCGTCAGGCTGGTCTACCACAGGGCCAGCGCCGGGTCCAGTGTCTGGATCGGAT
TGAACGATCCAGAGAAAAGACGCACCTGGCAATGGAGTGATGGCTCTAGCATAAAGTACAGATCCTGGAT
GCCAGGAGAGCCCAACAACCTATGCAAAACAAGAGTATTTGTGTTGTGCTGTCAGCCTGGTCACTGTTATGTC
GGATGGAACGATCAGGACTGTGGGTCCAGGCATAACTTTGTCTGCAAGTTCCAGCCAAAGGACCGAGACGA
ACACCGTCAATGTTGCAAAACAGGAAGTAA

>GAHD01000014 Echiopsis curta NP-Ech-33 mRNA sequence
ATGCTCGGCCCTCTCACGTCTGGCGGGCGGCGGGCTGCTATTAGTGGTGTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGACGGCGCGCCCTCAGGCCTGCCACGGCTCCGGCGGGCGGCATGATGGCGTTCGCG
GCCGATGCTGACGGAGAAGCAGAGGCAGCAGCACCAGCAGCCGCTGCCGCGGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAGACGGCCAAGATAGGGAACGGCTGCTTCAGCTTCCCGCTCG
ACCGCATCGGCAGCGTGAGCGGCATGGGCTGCAGAACCTTCCGGAAGCCGACACCTGGCGGGTCTCTAA

>GAHD01000015 Echiopsis curta NP-Ech-34 mRNA sequence
ATGCTCGGCCCTCTCACGTCTGGCGGGCGGCGGGCTGCTATTAGTGGTGTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGACGGCGCGCCCTCAGGCCTGCCACGGCTCCGGCGGGCGGCATGATGGCGTTCGCG
GCCGATGCTGACGGAGAAGCAGAGGCAGCAGCACCAGCAGCCGCTGCCGCGGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAGACGGCCAAGATAGGGAACGGCTGCTTCAGCTTCCCGCTCG
ACCGCATCGGCAGCGTGAGCGGCATGGGCTGCAGAACCTTCCGGAAGCCGACACCTGGCGGGTCTCTAA

>GAHD01000016 Echiopsis curta NP-Ech-35 mRNA sequence
ATGCTCGGCCCTCTCACGTCTGGCGGGCGGCGGGCTGCTATTAGTGGTGTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGACGGCGCGCCCTCAGGCCTGCCACGGCTCCGGCGGGCGGCATGATGGCGTTCGCG
GCCGATGCTGACGGAGAAGCAGAGGCAGCAGCACCAGCAGCCGCTGCCGCGGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAGACGGCCAAGATAGGGAACGGCTGCTTCAGCTTCCCGCTCG
ACCGCATCGGCAGCGTGAGCGGCATGGGCTGCAGAACCTTCCGGAAGCCGACACCTGGCGGGTCTCTAA

>GAHD01000017 Echiopsis curta NP-Ech-36 mRNA sequence
ATGCTCGGCCCTCTCACGTCTGGCGGGCGGCGGGCTGCTATTAGTGGTGTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGACGGCGCGCCCTCAGGCCTGCCACGGCTCCGGCGGGCGGCATGATGGCGTTCGCG
GCCGATGCTGACGGAGCAGCAGGACGAGCAGCACCAGCAGCCGCTGCCGCGGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAGACGGCCAAGATAGGGAACGGCTGCTTCAGCTTCCCGCTCG
ACCGCATCGGCAGCAGCAGCGGCATGGGCTGCAGAACCTTCCGGAAGCCGACACCTGGCGGGTCTCTAA

>GAHD01000018 Echiopsis curta NP-Ech-37 mRNA sequence
ATGCTCGGCCCTCTCACGTCTGGCGGGCGGCGGGCTGCTATTAGTGGTGTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGACGGCGCGCCCTCAGGCCTGCCACGGCTCCGGCGGGCGGCATGATGGCGTTCGCG
GCCGATGCTGACGGAGAAGCAGAGGCAGCAGCATCAGCACCAGCAGCCGCGGACGATGGAGGAGTCTCTCG

>GAHD01000019 *Echiopsis curta* NP-Ech-38 mRNA sequence
ATGCTCGGCCTCTCACTGCTGGCGGGCGCGGGCTGCTATTGGTGGTGGCTGGCCCTGCTCGCCCTCGCC
TCGACGGGAAGCGACAGCGCGCGCTCAGCGCTGCCCACGCGCTCCGCGCGCGGATGATGGCGTCCGCG
GCCGATGCTGACGGAGCAGCAGAGGCAGCAGCACACGACACAGCAGCCGCCGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGCGCTCCAAAGACGCCAAGATCGCGCAGCGCTGCTTCGCGCTCCCGCTCG
ACCGCATCGGCAGCAGCAGCGGATGGCTGCGGAAGCTGCCGAGACCGACACTTGGCGGGTCTCTAA

>GAHD01000020 *Echiopsis curta* NP-Ech-39 mRNA sequence
ATGCTCGGCCTCTCACGTCTGCGGGCGCGGGCGTGTCTTGGTGGTCTGGCCCTCGCCCTCGCCCTCGACGCGGAGCGCGCTGCGCGCCCGCTCAGCGCTGCCACAGGCTCTCGCGCGCGGCATGATGGCGTCGCGGCCGATGCTGACGGAGAAGCAGAGGCAGCAGCATCAGCACCAGCAGCCGCCGACGATGGAGGAGTCTCTCGGGTCCCGCGGCTGAGCGCAGCGCGCTCCAAAGACGGCAAGATCGGGGACGGCTGCTTTCGGCTCCCGCTCGCACCGCATCGGCAGCAGCGCATGGCGTGCAGGAGCTGCCGAGCGACGACCTGGCGCGGTCTCTTAA

>GAHD01000021 *Echiopsis curta* NP-Ech-46 mRNA sequence
ATGCTCGGCCCTCTCACGTCTGCGGGCGCGGGCGTCTATGGTGGTGTGGCCCTGTGCTCTCGCCC
TCGACGGGAAGCGACGCGCGCGCTCAGGCGCTGCCACAGGCTCTCGGCGGCGGATGATGGCGTCGCG
GCCGATGCTGACGGAGCAGCAGAGGCAGCAGCACAGCACCAGCAGCCGCCGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAAGCGCCAAAGATCGGGGACGGCTGCTTCGCCCTCCGCGCTCG
ACCGCATCGGCAGCAGCAGCGCATGGCTGCGGAAGCTGCCGAGCGACACCTGGGCGGTCCTAA

>GAHD01000022 *Echiopsis curta* NP-Ech-47 mRNA sequence
ATGCTCGGCCTCTCACTGCTGGCGGGCGGGCGGCTGCTTGGTGGTGGCTGGCCCTCGCCCTCGCCG
TCGACGGGAAGCCAGCAGCGCCGCTCAGCGCTGCCATCAGGCTCTCCGCGCGCGGATGATGGCGTCGCG
GCCGATGCTGACGGAGCAGCAGAGGCAGCAGCACACGACACAGCAGCCGCCGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAAGCAGCAAGATCGGGGACGGCTGCTTCGCGCTCCGCGCTCG
ACCGCATCGGACAGCAGCGGATGGGCTGCGGAAGCTGCCGAGCGACACCTGGCGGGTCTCTAA

>GAHD01000023 *Echiopsis curta* NP-Ech-48 mRNA sequence
ATGCTCGGCCTCTACAGTCTGGGCGGGCGCGGCTGCTATGGTGGTGCTGGCCCTCTCGCCC
TCGACGGGAAGCCGACGGCGCGGCTCAGGCGTGCCTCCGCGGCGGATGATGGCGTCGCG
GCCGATGCTGACGGAGCAGCAGAGGCAGCAGCACCAGCACCAGCAGCCGCCGACGATGGAGGAGTCTCTG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAAGACCGCAAGATCGGGGACGGCTGCTTCGCGCTCCCGCTCG
ACCGCATCGGCAGCAGCAGCGCATGGGCTGCGGAAGCTGCCGGAAGCCGACACCTGGCGGGTCTCTAA

>GAHD01000024 *Echiopsis curta* NP-Ech-50 mRNA sequence
ATGCTCGGCCTCTACGTTCTGGCGGGGCGGGCTGCTATGGTGGTGCTGGCCGCTCGGCC
TCGACGGGAAGCCGACGGCGCGCTCAGGCGTGCACCGCTCGGCCGCGGCATGATGGCGTCGCG
GCCGATGCTGACGGAGAAGCAGAGGCAGCAGCACCAGCAGCCGCCGACGATGGAGGAGTCTCTGGGTCCC
GCGGCTGAGCGCAGCGGCTCAAGACGGCCAGATACGGGAGCGGTGCTTCGGCTCTCCGCTCAGCCGCA
TCGGCAGCAGCAGCGGCGATGGGCTGCGGAAGCGTCCCGAAGCCGACACCTGGCGGGTCTCTAA

>GAHD01000025 *Echiopsis curta* NP-Ech-51 mRNA sequence
ATGCTCGGCCTCTACAGTCTGGCGGGCGCGGCTGCTATTGGTGGTCTGGCCCTGCGCCCTCGCCCTCG
TCGACGGGAAGCCGACGGCGCGCTCAGGCGTGCCACCGGCTCCGGCGGGCGCATGATGGCGTCGCG
GCCGATGCTGACGGAGCAGCAGAGGCAGCAGCACCAGCACCAGCAGCCGCCGACGATGGAGGAGTCTCTG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAAGACGCCAAGATCGGGGACGGCTGTTCTCGGCCTCCGCGCTCG
ACCGCATTCGGCAGCAGCAGCGCATGGGCTGCGGAAGCTGCCGAGCCGACACCTGGCGGGTCTCTAA

>GAHD01000026 *Echiopsis curta* NP-Ech-52 mRNA sequence
ATGCTCGGCCTCTACAGTCTGGCGGGGCGGGCTGCTATAGTGGTGCTGGCCCTCTCGCCC
TCGACGGGAAGCCGACGGCGCGCTCAGGCGTGCCACGCGTCCGGCGGCGCATGATGGCGTCGCG
GCCGATGCTGACGGAGAAGCAGAGGCGAGCAGCACAGCAGCCGCTGCGCGCCGACGATGGAGGAGTCTCTG
GGTCCCGCGCTGAGCGCAGCGGCTCCAAGACGGCCAAAGATAGGGAACGGCTGCTTCGGCTTCCGGCTCG
ACCGCATCGGCAGCTGAGCGGATGGGCTGCAAGCACTTCCCGAAGCCGACACTTGGCGGGTCTCTAA

>GAHD01000027 *Echiopsis curta* NP-Ech-56 mRNA sequence
ATGCTCGGCCTCTACAGTCTGCGGGGCGGGCTGCTTGGTGGTCTGGCCGCTCGCCCC
TCGACGGGAAGCCGACGGCGCGCTCAGCGCTGCCACCGGCTCCGGCGGGCGGATGATGGCGTCGCG
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GGTCCCGCGGCTGAGCGCAGCGGCTCCAAAGCGGCCAAGATCGGGGACGGCTGCTTCGCGCTCCCGCTCG
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>GAHD01000028 *Echiopsis curta* NP-Ech-61 mRNA sequence
ATGCTCGGCCTCTACGCTGTGGCGGGCGGGCTGCTATTGGTGGTGTGCTGGCCCTCGCCCC
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GGTCCCGCGGCTGAGCGCAGCGGCTCCAAAGACCGCAAGATCGGGGACGGCTGCTTCGGCCTCCGCGCTCG
ACCGCATTCGGCAGCAGAGCGCATGGGCTCGCGAAGCTGCCGAGCGACACCTGGCGGGTCTCTAA

>GAHD01000029 *Echiopsis curta* NP-Ech-64 mRNA sequence
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GTCCCGCGGCTGAGCGCAGCGGCTCCAAGCGCCCAAGATCGGGGACGGCTGCTTCGCGCTCCGCGCTCG
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>GAHD01000030 *Echiopsis curta* NP-Ech-70 mRNA sequence
ATGCTCGGCCTCTACAGTCTGGCGGGGCGGGGTGCTATTGGTGGTCTGGCCCTCTCGCCC
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GCCGATGCTGACGGAGCAGCAGAGGCAGCAGCACCAGCACCAGCAGCCGCCGACGATGGAGGAGTCTCTCG
GGTCCCGCGGCTGAGCGCAGCGGCTCCAAAGCAGCAAGATCGGGGACGGCTGTTCTCGGCTCCCGCTCG
ACCGCATTCGGCAGCAGAGCGCATGGGCTCGCGAAGCTGCCGAGCGACACCTGGCGGGTCTCTAA

>GAHD01000031 *Echiopsis curta* NGF-Ech-1 mRNA sequence
ATGATGCATAGCGTAATGTCCATGCTGTGCTACACTCTGATTATTCATTTCTGATGGCATATCGGCAG
CAACAAAATCTGAAGATAATGTCCCTCTCCGGCTCCCAACAGCTTTTGCTCAAATCATGAGGGTCT
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GTAGCAAAACATCATTGTGGATCCCAAGCTTTTTTCAGAAGAGGCATTTCCAGTCACTTCGTGTTCTGTTCA
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TAATCAGTAGAAAACTGTCAACTTCTGA

>GAHD01000032 Echiopsis curta SVM-P-Ech-32 mRNA sequence
ATGATCCAAGCTCTCTTGGTAACTATATGCTTCACGGTTTTTCCATATCAAGGGAGCTCTATCATCTCTGG
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TGTGGCATGTTAGTATGCTGAGAAAGAGAAATCGAAATGCACTGCTTTACTACAACAGATGACCCAGATT
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GCAGACAGCCTACTGA

>GAHE00000000.1|GAHE01000000 TSA: *Furina ornata*, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAHE01000001 *Furina ornata* 3FTx-Fur-10 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
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TGCTTGGTGTAGCGTCAGAGGACCACGGGTGCAAAATGGGATGTGAAGCTACTTGCCCTATAGTGAAGCCC
GGTATAAGATGTTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCCTACACGAA
GTCTCTGA

>GAHE01000002 *Furina ornata* 3FTx-Fur-11 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
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TGCTTGGTGTGCTGAGAGGACCGGAGTCGAAATGGGATGTGAAGCTACTTGCCCTACAGTGAAGCCC
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GTCTCTGA

>GAHE01000003 *Furina ornata* 3FTx-Fur-12 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
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TCCTTGGTGTAGCGTCAGAGGACCACGGGTGCAAAATGGGATGTGAAGCTACTTGCCCTACAGTGAAGAAG
GGTATAAGATATTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCCTACACGAA
GTCTCTGA

>GAHE01000004 *Furina ornata* 3FTx-Fur-13 mRNA sequence
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TCCTTGGTGTAGCGTCAGAGGACCACGGGTGCAAAATGGGATGTGAAGCTACTTGCCCTACAGTGAAGAAG
GGTATAAGATATTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCCTACACGAA
GTCTCTGA

>GAHE01000005 *Furina ornata* 3FTx-Fur-14 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
GCTACTTTGGTGAAATTAATTACTCTCGGACTTGTCCAGATGGGCACCAATGCTTTACAAAGACTTGGTGTGA
TCCTTGGTGTAGCGTCAGAGGACCACGGGTGCAAAATGGGATGTGAAGCTACTTGCCCTACAGTGAAGAAG
GGTATAAGATATTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCCTACACGAA
GTACTTGA

>GAHE01000006 *Furina ornata* 3FTx-Fur-16 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
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TCCTTGGTGTAGCGTCAGAGGACCACGGGTGCAAAATGGGATGTGAAGCTACTTGCCCTACAGTGAAGAAG
GGTATAAGATATTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCCTACACGAA
GCCCTTGA

>GAHE01000007 *Furina ornata* 3FTx-Fur-17 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGCGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
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TGCTTGGTGTGCTGAAAGAGGACCGGAGTCGAAATGGGATGTGAAGCTACTTGCCCTACAGTGAAGCCC
GGTGTAAAGATTTTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAAGTTGAACGTCCTGGATGA

>GAHE01000008 *Furina ornata* 3FTx-Fur-23 mRNA sequence
ATGAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT

GCTACTTTTGGTTATAATTACTTTTCGGACTTGTCCAGATGGGCACCAATGCTTTACAAAGACTTGGTGTGA
TGCTTTGGTGTAGCGTCAGAGGACCACGGGTCGAAATGGGATGTGAAGCTACTTGCCTTATAGTGAAGCCT
GGTATAAAGATGTTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCTTACACGAA
GTCTTTGA

>GAHE01000009 Furina ornata 3FTx-Fur-24 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
GCTACTTTGGTTATAATTACTCTCGGACTTGTCCAGATGGGCACCAATGCTTTACAAAGACTTGGTGTGA
TGCTTTGGTGTGCTGAAAGAGGACCGCGAGTGCAAATGGGATGTGAAGCTACTTGCCTTACAGTGAAGCCC
GGTGTAAGATTTTCTGTTGCTCAACAGACAAAGTGAACCCATTTCCGAAATGGGAACGTCTTACACGAA

>GAHE01000010 Furina ornata 3FTx-Fur-26 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCTTGATAT
GCTACTTTGGTTATAATTACTCTCGGACTTGTCCAGATGGGCACCAATGCTTTACAAAGACTTGGTGTGA
TGCTTTGGTGTTCGTCAGAGGACCGCGGGTCGAAATGGGATGTGAAGCTACTTGCCTTATAGTGAAGCCC
GGTATAAAGATATTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCTTACACGAC
GTCCTTGA

>GAHE01000011 Furina ornata 3FTx-Fur-27 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCTTGATAT
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TGCTTTGGTGTTCATCAGAGGACCGCGGGTCGAAATGGGATGTGAAGCTACTTGCCTTATAGTGAAGCCC
GGTATAAAGATGTTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCTTACACGAC
GTCCTTGA

>GAHE01000012 Furina ornata 3FTx-Fur-28 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
GCTACTTTGGTGAAAATTATCTCAGACTTGTCCAGATGGGCACCAATGCTTTACAAGGACTTGGTGTGA
TCCTTTGGTGTAGCGTCAGAGGACCACGGGTCGAAATGGGATGTGAAGCTACTTGCCTTACAGTGAAGAAG
GGTATAAAGATATTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCTTACACGAC
GTCCTTGA

>GAHE01000013 Furina ornata 3FTx-Fur-31 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCTTGATAT
GCTACTTTGGTTATAATTACTCTCAGACTTGTCCAGATGGGCACCAATGCTTTACAAGGACTTGGTGTGA
TCCTTTGGTGTAGCGTCAGAGGACCACGGGTCGAAATGGGATGTGAAGCTACTTGCCTTACAGTGAAGAAG
GGTATAAAGATATTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCTTACACGAC
ATCCTTGA

>GAHE01000014 Furina ornata 3FTx-Fur-33 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGTGACAGCGTGATAT
GCTACTTTGGTTATAATTACTCTCGGACTTGTCCAGATGGGCACCAATGCTTTACAAAGACTTGGTGTGA
TGCTTTGGTGTCTCTGAAAGAGGACCGCGAGTCGAAATGGGATGTGAAGCTACTTGCCTTACAGTGAAGCCC
GGTGTAAGATTTTCTGTTGCTCAACAGACAAATGCAACCCATTTCCGAAATGGGAACGTCTTACAGTGA

>GAHE01000015 Furina ornata 3FTx-Fur-44 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGATACACCAGGACAT
GCTGGTTAACACCTGAAGTTAAACCTCAGACTTGTCCACCTGGGCAGGACCAATGCTTTACAAAGACTTG
GTGTGATGCTTTGGTGTCCCATCAGAGGAGAGCGAGTTGAATTGGGATGTGCTGCTACTTGCCTTACAGTG
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>GAHE01000016 Furina ornata 3FTx-Fur-46 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGGATACACCAGGACAT
GCTGGTTAACACCTGAAGTTAAACCTCAGACTTGTCCACCTGGGCAGGACCAATGCTTTAAAAAGACTTG
GTGTGATGCTTTGGTGTCCCATCAGAGGAGAGCGAGTCGAATTGGGATGTGCTGCTACTTGCCTTACAGTG
AAGCTTGGTGTAAAGATTGCTGTTGCTCAACAGACAAATGCAACCCATTTCCGACAAAACGTGCTTGA

>GAHE01000017 Furina ornata 3FTx-Fur-55 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTAGTGGTGACAATCGTGTGCCTGGACTTGGGATACCCCTAGCAT
GTCTCCACTCTCCGGTTCTCTAGTTATTCCGTTTGTCCAGGGTACATGACCATTGCTATCGATATGA
TTTTTCACCAATTAAAGATAAAGTCGTAACCGTCAGGGGATGTAGTGCTTCTTGCCCTGGAGGAAGAAAT
CATGTGTGTTGCAGTACAGACATGTGCAACCGGTAG

>GAHE01000018 Furina ornata 3FTx-Fur-57 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTAGTGGTGACAATCGTGTGCCTGGACTTAGGATACCCCTAGTAT
GTCTCCACTCTCCGGTTCTCTAGTTATTCCGTTTGTCCAGGGTACATGACCATTGCTATCGATATGA
TTTTTCACCAATTAAAGATAAAGTCGTAACCGTTAGGGGATGTAGTGCTTCTTGCCCTGGAGGAAGAAAT
CATGTGTGTTGCAGTACAGACATGTGCAACCGGTAG

>GAHE01000019 Furina ornata 3FTx-Fur-58 mRNA sequence
ATGAAAACTCTGTTGCTGACCTTGGTAGTGGTGACAATCGTGTGCCTGGACTTAGGATACCCCTAGTAT
GTCTCCACTCTCCGGTTCTCTAGTTATTCCGTTTGTCCAGGGTACATGACCATTGCTATCGATATGA
TTTTTCACCAATTAAAGATAAAGTCGTAACCGTTAGGGGATGTAGTGCTTCTTGCCCTGGAGGAAGAAAT
CATGTGTGTTGCAGTACAGACATGTGCAACGAGTAG

>GAHE01000020 Furina ornata 3FTx-Fur-61 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTAGTGGTGACAATCGCATGCCTGGACTTAGGATACCCCTAGTAT
GTCTCCACTCTCCGGTTCTCTAGTTATTCCGTTTGTCCAGGGTACATGACCATTGCTATCGATATGA
TTTTTCACCAATTAAAGATAAAGTCGTAACCGTCAGGGGATGTAGTGCTTCTTGCCCTGGAGGAAGAAAT
CATGTGTGTTGCAGTACAGACATGTGCAACGAGTAG

>GAHE01000021 Furina ornata 3FTx-Fur-62 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTAGTGGTGACAATCGCATGCCTGGACTTAGGATACCCCTAGTAT
GTCTCCACTCTCCGGTTCTCTAGTTATTCCGTTTGTCCAGGGTACATGACCATTGCTATCGATATGA
TTTTTCACCAATTAAAGATAAAGTCGTAACCGTTAGGGGATGTAGTGCTTCTTGCCCTGGAGGAAGAAAT
CATGTGTGTTGCAGTACAGACATGTGCAACGAGTAG

>GAHE01000022 Furina ornata 3FTx-Fur-63 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTAGTGGTGACAATCATGTGCCTGGACTTAGGATACCCCTGAGAT
GTCACAACTTGGAAATTATGGTTATATAAGTTGTGAAGCACACGCGCCCTTTGCTATAAATCTCGTCA
TTATGGACGTACAGAGAACTACAATCGCCAGGGTTGACTGCTAAATGCTCTGAAAAAGTGAAGTG

TGTTGCAGTACAGACATGTGCAACAAGTAG

>GAHE01000023 Furina ornata 3FTx-Fur-64 mRNA sequence
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GTCACAACTTGGAAATTATGGTTATATAAGTTGTGAAGCACACGAGACCTTTTGCTATAAAAGCTTTT
TAATGGACGTACAGAGCGTCTCTCATCGCCCGGGTGTATTGCTACCTGCCCTGAAAAATATGAAGCG
TGTTGCAGTACAGACATGTGCAACGAGTAG

>GAHE01000024 Furina ornata 3FTx-Fur-67 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTAGTGGTGACAATCGTGTGCCTGGACTTGGGATACACCCTGAAAT
GTCACAACTTGGAAATTATGGTTATATAAGTTGTGAAGCACACGAGACCTTTTGCTATAAACTCTCTTCA
TTATGGACGTACAGAGAACTACGATCGCCCGGGTGTACTGCTAAATGCTCTGAAAAAGTTTAGTG
TGTTGCAGTACAGACATGTGCAACGAGTAG

>GAHE01000025 Furina ornata 3FTx-Fur-74 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTAGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTGAAAT
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TTATGGACGTACAGAGAACTACGATCGCCCGGGTGTACTGCTAAATGCTCTGAAAAAGTTTAGTG
TGTTGCAGTACAGACATGTGCAACGAGTAG

>GAHE01000026 Furina ornata KP-Fur-10 mRNA sequence
ATGCGACCCCGAGCGAGTTTCATCATGTCTTCTGGAGGTCTTCTTCTCCTGCTAGGACTCCTCACCCCTC
TGGGCGGAGCTGACCCCGGTCTCCAGCAAGGCGCGGTCCAAAGTTAYTGTGAAGTGCCTGCTGACCGCGG
ACCATGTAAAAGTTACTCTGAAGCCTTCTACTACAGCCAGTTTATCATAAATGCCTAAGGTTTATGTAT
GGTGGATGCCCAGGGAATGCTAACAAATTTAAGACCATAGATGAATGCCAACGCACCTGTGCTGCATGA

>GAHE01000027 Furina ornata KP-Fur-17 mRNA sequence
ATGCTTCTTGGAGGTCTTCTTCTCCTGCTAGGACTCCTCACCTCTGGGCGGAGCTGACCCCGTCTCCA
CAAGGACCGTCCAAAGTTCTGTGAACCTGCTGACCTGACCTATGTAAACAAAACATCAAAGCCTT
CTACTACAGTCATCATGCATGCCTACCGTTTATTTATGGTGGATGCCAAGGGAATGCTAACAAATTTAAG
ACCATAGATGAATGCCAACGCACCTGTGCTGCATGA

>GAHE01000028 Furina ornata KP-Fur-8 mRNA sequence
ATGTYTCTTGGAGGTCTTCTTCTCCTGCTAGGACTCCTCACCTCTGGGCGGAGCTGACCCCGTCTCCA
CAAGGACCGTCCAAAGTTCTGTGAACCTGCTGACCTGACACCGGATGTAAAGATACATCAAAGCCTT
CTACTACAGCCAGGTATCATGCATGCCTACCATTTGTTTTATGGTGGCTGCCAGGGAATGCTAACCAAT
TTTAAGACCATAGATGAATGCAAACGCACCTGTGCTGCATGA

>GAHE01000029 Furina ornata KP-Fur-18 mRNA sequence
ATGCCAGCCATACAGGAGACTTCATCATGTCTTCTGGAGGTCTTCTTCTCTACTGGGACTCCTCACCC
TCTGGCAGAGCTGACCCCGTCTTCAAGAACGACCGTCCAAAGATCTGTGAAGTGCCTGCTGACCGCGG
ACTATGTAAAAGATACATCAAAGCCTTCTACTACAGCCAGGTATCATGCATGCCTACCATTTATTTAT
GGTGGATGCCCAGGGAATGCTAACAAATTTAAGACCATAGATGAATGCAAACGCACCTGTGCTGCATGA

>GAHE01000030 Furina ornata LP-Fur-1 mRNA sequence
ATGGGGCGATTCTTCTTGGTGAGCCTCAGCTTGCTGGTGGTCTTCTCCCTAAGTGAATCGAAGCCA
ATCGCTATTGTGCTTGGATTGGCTCTCCTACAATGTGTCTTGTCTACAAGTTCTTCTTCCAAAGGATGAC
CTGGGACGAAGCACAGAGGTTCTGTGTGAACAGCAGGAAAACTCCCAACTCGCTCCATCCATGACATG
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GGCTTTCAAAGAGAAAAAGGCATCTGGGAGTGGAGTGACGGCTCCAATCTCACTTACACATCCTGGGAAGA
TGGTGAAACCAACAATTTTTCAACAGGGAATTTCTGTGCTGTGCTATCAATCGGATCACGGTATCTCCAA
TGGAACGATAAGAAGTGCATGCACAAGCATCCATTTGTCTGCAAGTTCCAGCCCGGAGTGAGGCAGGCG
CGTTGGAGAACGATGA

>GAHE01000031 Furina ornata LP-Fur-2 mRNA sequence
ATGGGGCGATTGCTCTTGGTGAGCCTGAGCTTGCTGCTTGTGACTTTATCCCTAAATGGAATGGAGCTG
ATCATCACTGCCCCTCGGACTGGTACTCCTATGAGGCGTTTTGCTACAAGGTCGTCAAAGAATGGAAGAC
CTGAAAAGATGCCAGGCATCCTGTGAACAACCTCAGGACAAAAGCCACCTGGCCTCCGTCCACAGCCTG
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TGAGTAACTCAGAGGGAAATCGCAACTGGGAGTGGAGTGATGGCTCCAATTTAATTATACAGCCTGGGA
ACTATTTGAACCCGATGATGATGAGGATGAAAACCTGCGTTAAGTTGACCAGTATGTCAAGGTATTCTAAA
TGGAAAATTTCCAAGTGTGAATCCAAGAATTTTTCATCTGCAAGATGTAG

>GAHE01000032 Furina ornata LP-Fur-3 mRNA sequence
ATGGGGCGATTGCTCTTGGTGAGCCTGAGCTTGCTGCTTGTGACTTTATCCCTAAATGGAATGGAGCTG
ATCATCACTGCCCCTCGGATTGGTACTCCTATGAGGCGTTTTGCTACAAGGTCGTCAAAGAATGGAAGAC
CTGAAAAGATGCCAGGCATCCTGTGAACAACCTCAGGACAAAAGCCACCTGGCCTCCGTCCACAGCCTG
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TGAGTAACTCAGAGGGAAATCGCAACTGGGAGTGGAGTGATGGCTCCAATTTAATTATACAGCCTGGGA
ACCATTTGAACCCGATGATGATGAGGATGAAAACCTGCGTTAAGTTGACCAGTATGTCAAGGTATTCTAAT
TGGAAAATTTCCAAGTGTGAATCCAAGAATTTTTCATCTGCAAGATGTAG

>GAHE01000033 Furina ornata LP-Fur-5 mRNA sequence
ATGGCACGATTCAATTTCTCTAAGTCTTGGCTTGCTGGTTGTGGCCCTCTCCTTAAGGGGAAGTGGAGCCA
ATCCCCAATGTCCCAACGAGTGGTCTTCTTTAATGGATATTGCTACAAGGTCCTCAAACATCTCAAGAG
CTGGCGTGATGCAGAGATGTCTCTCAGGCGTCAGGAGGAAGGCAGCCACCTCGCCTCCATCCAAAGCTCG
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CCTGGTGA

>GAHE01000034 Furina ornata LP-Fur-6 mRNA sequence
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GTGATCCAGAGAGACGAGGCATCTGGAAGTGGAGCGATGGCTCCAGGTTCTCTACAATCCTGGAAAAG
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AGGAGAACCAACAACATTTTTAGGGAACGAGTACTGCGTCGAAGTGTGGAGCTTGTCAAGGTATCTCTCA
TGGAACGATAAGAATTGCTGGTCCAAGCTTTATTTTCATCTGCAAGTTCCAGCCACAGGATGAGGGAAGCA
CCTGGTGA

>GAHE01000035 *Furina ornata* LP-Fur-7 mRNA sequence
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TGGAACGATAAGAATTGCTGGTCCAAGCTTTATTTTCATCTGCAAGTTCAGGCCACAGGATGAGGGAAGCA
CCTGGTGA

>GAHE01000036 *Furina ornata* NGF-Fur-1 mRNA sequence
ATGTCCATGTGTGTCTACACTCTGATTATAGCATTTCTGATTGGCACATGGGCAGCACCAAAATCTGAAG
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>GAHE01000037 *Furina ornata* SVMP-Fur-1 mRNA sequence
ATGCAGCCAGAGGGCGAAGTAACTTTTGAATCATTGGAGAATGGAGAGAGAAAAATTGCTGCCACGCA
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ATGCTGGACGATGCATTATGTCTGCGATAATAAGTGATGAACCTCTCTATGAGTTCAGCTCTTGTAGTGT
CCAGGAACATCAGAGGTATCTTCTTAGACACAGACCACAATGCATTTCTCAACAAACCTTGAGCACAGAT
ATTGTTACCTGCACTTGTGGAAATTTACTTTGTGGAGTGGGAGAAGAATGTGATGTGGTTCTCTCTCAG
GATTGTCAAAGTGCTGCTGCAATGCTGCAAACTTGTA

>GAHE01000038 *Furina ornata* VEGF-Fur-1 mRNA sequence
ATGAACCTTTCTGCTCACTTGGATCCACTGCGGATTGGCGGCGCTGCTTTATTTCACAAACGCCAAGGTGT
TGCAGGCTGCTCCTGCCCAAGAGGATGGAGAGAAGCAACCAGAAGAAGTTATCCCATTTATGACGGTCTT
TGAGCCGAGTGCTGAGRCCCATTGAGACCATGGTAGATATTTACCAGGAGTATCCTGATGAGGTGGAA
TACATGTTCAAACCATCTGTGTGCTCCTGATGAAATGTGGAGGATTCTGTAATGACGAAGCGCTAGAAT
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>GAHF00000000.1|GAHF01000000 TSA: *Hemiaspis signata*, transcriptome shotgun assembly, transcriptome
shotgun assembly

>GAHF01000001 *Hemiaspis signata* 3FTx-Hem-2 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCTTCTCAT
GCTACAAAACACCTGATGTTAAATCTGAGGCTTGTGCAGCTGGGGAGAACCCTATGCTATACAAAGACTTG
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GA

>GAHF01000002 *Hemiaspis signata* 3FTx-Hem-5 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCTTCTCAT
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GA

>GAHF01000003 *Hemiaspis signata* 3FTx-Hem-6 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTAGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCTTCTCAT
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AAGCCCGGTGTGGATATTACCTGTTGCTCAACAGACAATTGCAACCCACATCCGGCACACAACCTCTCGTT
GA

>GAHF01000004 *Hemiaspis signata* 3FTx-Hem-7 mRNA sequence
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AAGCCCGGTGTGGATATTACCTGTTGCTCAACAGACAATTGCAACCCACATCCGGCACACAACCTCTCGTT
GA

>GAHF01000005 *Hemiaspis signata* 3FTx-Hem-9 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCTTGA
GCTACCTGAGCTCTACTCACTTAAGGATTGTGCAGCTGGGGAGGACCTATGTTATACAAAGACTTGGTG
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CTCAGGGTGTCTCTCATCCATCATGGACCATCCTTGA

>GAHF01000006 *Hemiaspis signata* 3FTx-Hem-11 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCTTGT
GCTACAAAACACCTGATGTTAAATCTGAGGCTTGTGCAGTTGGGGAGAACCCTATGCTATACAAAGACTTG
GTGTGATACTTTTGTAGCAGCAGAGGAAAGGTAGTCAACTGGGATGTGCTGCTACTTGCCCTGTACCG
GAGTCTACGAGGAAGTTACCTGTTGCTCAACAGACATTTGCAACAAATTTCCAGTACAATCTAAACCAT
ATCCTAGACAGGGTGTCTCTCATCCATCATGGACCATCCTTGA

>GAHF01000007 *Hemiaspis signata* 3FTx-Hem-12 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAACAGCTTGA

GCTACCTGAGCTCTACTCACTCTAAGGATTGTGCAGTTGGGGAGGACCTATGCTATACAGAGACTTGGTG
TGATGCTTGGTGTGGCGTGAGAGGACAGCGAGTCAATTTGGGATGTGCTGCTACTTGCCCTACAGCGAAG
CCCAGGGTGACTGTTAAGTGTGTGCTCAACAGACAATTGCAACACATTTCCAGTACAACCTAAACCAATC
CTCGAGGGTTGCTCTCATCCATCATGGACCATCCTTGA

>GAHF01000008 *Hemiaspis signata* 3FTx-Hem-14 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGAAAT
GCTACTGAGCTCTACTCACTCTAAGGATTGTGCAGTTGGGGAGGACCTATGCTATACAGAGACTTGGTG
TGATGCTTGGTGTGGCGTGAGAGGACAGCGAGTCAATTTGGGATGTGCTGCTACTTGCCCTACAGCGAAG
CCCAGGGTGACTGTTAAGTGTGTGCTCAACAGACAATTGCAACACATTTCCAGTACAATCTAAACCAATC
CTCGAGGGTTGCTCTCATCCATCATGGACCATCCTTGA

>GAHF01000009 *Hemiaspis signata* 3FTx-Hem-16 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTAAAACCTTGTGAAGAGAGCACTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATCATTGAAAGGGGATGTGGTTGCCTAAGGTGAAGCCCGGTATTCAA
CTTGAATGTTGCGAAGACAGCAATGCAACCAATTAG

>GAHF01000010 *Hemiaspis signata* 3FTx-Hem-18 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACGCCATAACAT
GTTGCGAACCAACAGTCATCGCAACCTAAAACCACTAAAACCTTGTGAAGAGAGCACTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCTAAGGTGAAGCCCGGTATTCAA
CTTGAATGTTGCGGAAAAGACGAATGCAACCAATTAG

>GAHF01000011 *Hemiaspis signata* 3FTx-Hem-19 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTAAAACCTTGTGAAGAGAGCACTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATCATTGAAAGGGGATGTGGTTGCCTAAGGTGAAGCCCGGTATTCAA
CTTGAATGTTGCGAAGACAGATGAATGCAACCAATTAG

>GAHF01000012 *Hemiaspis signata* 3FTx-Hem-21 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTAAAACCTTGTGAAGAGAGCACTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCTAAGGTGAAGCCCGGTATTCAA
CTTGAATGTTGCGAAGACAGCAATGCAATAATTAG

>GAHF01000013 *Hemiaspis signata* 3FTx-Hem-24 mRNA sequence
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GTTGCAACCAACAGTCATCGCAACCTAAAACCACTAAAACCTTGTGAAGAGAGCACTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATCATTGAAAGGGGATGTGGTTGCCTAAGGTGAAGCCCGGTATTCAA
CTTGAATGTTGCGAAGACAGCAATGCAACCAATTAG

>GAHF01000014 *Hemiaspis signata* 3FTx-Hem-29 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACGCCATAACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTCAAACTTGTACAGAGAGCTCTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATAACTGAAAGGGGATGTGGTTGCCTGAGGTAAAGACCGGTGTTGGA
ATTAATGTTGTGAAACAGATGAATGCAACCAATTAG

>GAHF01000015 *Hemiaspis signata* CRiSP-Hem-1 mRNA sequence
ATGTTACAAATGGAATGGAATTCTCGTGCTGCTCAGAAATGCAAAACGTTGGGCAGATAAATGTACTTTTG
CTCACAGTCCACGACATACAAGAACTGTGGGAAAACCTCAGTTGTGGTGAAAATATATTCATGTCAAGTCA
ACCTTTTGCATGGAGTGGAGTAGTTCAAGCTTGGTATGATGAAGTTAAAAAATTCGTCTATGGCATTGGA
GCAAAAGCCACAGGTTCTGTTATTGGCCATTATACCCAGGTAGTTTGGTACAAAAGTCACCTTCTGGTT
GTGCTTCTGCCAAATGTCTTCAACCAAAATACCTCTACGTTTGTCAATACTGCCAGCAGGGAACATCAT
AGGTTCAATTGCTACTCCATATAAATCAGGGCCACCTTGTGGGGACTGTCTTCCGCTTGTGTTAACGGA
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GCAAGACTGAATGGATCAAGTCAAAATGCCCTGCTGCTTGCTCCTGCCACAATAAAATAATATAG

>GAHF01000016 *Hemiaspis signata* KP-Hem-5 mRNA sequence
ATGTGCCAGGAATTCATTTTTGGAGGTTGCAAAGGCAATGCCAACAACTTCGTCTCCAAACAGGACTGCT
TCCAGGCGTGATCAGAGGAGGGCTGCAGAGGCAACAGTGGTACCCAGCGGGCCAGCCACTGAAGTGGC
TACCAAGAGCTGGACATCTCCAGAGGCCCTACGAAAGCAGGCGCTGGCTTCAGAGAATTCTGTGCTGCG
CCCCGGGTGGTAGGTCCCTGCCGGGCTCCTTCCCTCCGTTGGTACTTTGACCTAGAGAGCCGGATGTGCA
AGATGTTTCATCTATGGGGCTGTCTGTGGCAACAAGAACAACTATCTCTTCAAGAGCACTGCTGGAGCCA
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>GAHF01000017 *Hemiaspis signata* KP-Hem-8 mRNA sequence
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>GAHF01000018 *Hemiaspis signata* KP-Hem-9 mRNA sequence
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GCCAGGACCGTCCAAAGTTCTGTGAACCTGCCTGCTGACTCCGGATCATGTAAGGTTGACTTCCCTAGCCTT
CTACTACAACCCAAATCAACATCAATGCCTAGAGTTTAGTTATGGTGGATGCGACGGGAATGATAACAAT
TTTAAGACCATAGAGGAATGCAACCGCACCTGTGCTGCATGA

>GAHF01000019 *Hemiaspis signata* KP-Hem-12 mRNA sequence
ATGTCTTCTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGTGCTGACCCCCGTCTCCA
GCAGGACCGTCCACATTTCTGTCTGCTGCCTCATGAAACCGGACTATGTAACGCAATATCCAAGCCTT
CTACTACGACCCAGTTTATCATATCATGCCTAAAGTTTATTTATGGTGGATGCGAAGGAATGCTAACAAAT
TTTAAGACCATAGATGAATGCAACCGCACCTGTGCTGCATGA

>GAHF01000020 *Hemiaspis signata* LAO-Hem-2 mRNA sequence
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AACGTGTGGGAGGGCGAGTGAACTTATCGAAATGAAACGGAAGGCTGGTATGTCAATCTGGGACCCAT
GCGTCTCCCTGAGAGACACAGGATTATCCGGGAATATATCAGAAAATTGGTCTCAAGTTGAACGAATTT

CTTCAGGAAAATGAGAATGCCTGGTATTTTATTAAAAACATCAGGAAGAGATATGGGAAGTCAAGAAAG
ACCCCGGYGTCTTCAATATCCTTTGGAGCCCTCAGAAGAAGGCAAATCTGCTTCMCAGCTATATCGAGA
ATCCCTCGAAAAGGTTATAGAAGAATTGAATACA

>GAHF01000021 *Hemiaspis signata* NP-Hem-1 mRNA sequence
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TCGACGGGAAGCCGGCGCCGCTGCCTCAGGCGCTGCTCAAGGCTCTGGCGGGCGGCATGATGGCGTCGGA
GCGGGAGCTGACGGAGAGGCAGAAGCTGCAACAGGAGCACCAAGCCATCGCAGACGGAGGAGTCTTGGGT
CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTAGGGGACGGCTGCTTCGGTGTCCCGATTGACC
ACATCGGCAGCTCAAGCGGCATGGGCTGCGGAGGCGTCCCGAAGCCGACACCTGGCGGATCCTAA

>GAHF01000022 *Hemiaspis signata* NP-Hem-2 mRNA sequence
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CGGCGCGCTGCCTCAGGCGCTGCTCAAGGCTCCGGCGGGCGGCATGATGGCGTCGGGGCGGGAGCTGAC
GGAGCGGCAGAAGCTGCAACAGGAGCACAGCCGCCGAGACGGAGGAGTCTTCGGGTCCCGCGGCTGAG
CGCAGCGGCTCCGAGACGGCCAAGCTCGGGGACGGCTGCTTCGGCTCCCGATCGACCGCATCGGCAGCA
CGAGCGGCTAGGCTGCGGAGGCGTCCCGAAGCCCAACACCTGGCGGATCCTAA

>GAHF01000023 *Hemiaspis signata* NP-Hem-3 mRNA sequence
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TCGACGGGAAGCCAGCGCCGCTGCCTCAGGCGATGTTCAAGGCTCCGGCGGGCGGCATGATGGCGTCGGG
GCGGGAGCTGACGGAGAGGCAGAAGCTGCAACAGGAGCACCAAGCCGCTGCTGACGGAGGAGTCTTGGGT
CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTAGGGGACGGCTGCTTCGGTGTCCCGATTGACC
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>GAHF01000024 *Hemiaspis signata* NP-Hem-4 mRNA sequence
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CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTCGGGGACGGCTGCTTCGGCTCCCGCTCGACC
GCGTCGGCAGCACGAGCGGCATGGGCTGCGGAGGCGTCCCGAAGCCCAACACCTGGCGGATCCTAA

>GAHF01000025 *Hemiaspis signata* NP-Hem-5 mRNA sequence
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CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTAGGGGACGGCTGCTTCGGTGTCCCGATTGACC
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>GAHF01000026 *Hemiaspis signata* NP-Hem-7 mRNA sequence
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>GAHF01000027 *Hemiaspis signata* NP-Hem-9 mRNA sequence
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CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTCGGGGACGGCTGCTTCGGCTCCCGATTGACC
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>GAHF01000028 *Hemiaspis signata* NP-Hem-11 mRNA sequence
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TCGACGGGAAGCCAGCACCGCTGCCTCAGGCACTGCTCAAGGCTCCAGCGGGCGGCATGATGGCGTCGGG
GCGGGAGCTGACGGAGAGGCAGAAGCTGCAACAGGAGCACCAAGCCGCCGAGACGGAAGAGTCTTCGGGT
CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTAGGGGACGGCTGCTTCGGTGTCCCGATTGACC
ACATCGGCAGCTCAAGCGGCATGGGCTGCGGAGGCGTCCCGAAGCCGACACCTGGCGGGA

>GAHF01000029 *Hemiaspis signata* NP-Hem-12 mRNA sequence
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CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTCGGGGACGGCTGCTTCGGCTCCCGATCGACC
GCATCGGCAGCACGAGCGGCATGGGCTGCGGAGGCGTCCCGAAGCCGACACCTGGCGGATCCTAA

>GAHF01000030 *Hemiaspis signata* NP-Hem-13 mRNA sequence
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CCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTAGGGGACGGCTGCTTCGGTGTCCCGATTGACC
ACATCGGCAGCTCAAGCGGCATGGGCTGCGGAGGCGTCCCGAAGCCGACACCTGGCGGATCCTAA

>GAHF01000031 *Hemiaspis signata* NP-Hem-14 mRNA sequence
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AGGAGTCTTGGGTCCCGCGGCTGAGCGCAGCGGCTCCGAGACGGCCAAGCTAGGGGACGGCTGCTTCGG
TGTCCCGATTGACCACATCGGCAGCTCAAGCGGCATGGGCTGCGGAGGCGTCCCGAAGCCGACACCTGGC
GGATCCTAA

>GAHF01000032 *Hemiaspis signata* PLA2-Hem-3 mRNA sequence
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CACAGCCTCTCAACCTCTATCAGTTCAAGAACATGATTGAATGTGCCAACCGTGGCAGTCAAGTTGGTT
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TGCTGCAAAATACATGACGACTGATGTAGTTGAAGCCGAAAAAAGGATGCTACCCCAAGTTGACGTTGT
ATACTTGGCAATGTACTGAAAATGTACCCACCTGCGATTCAAAAACGGGGTGTGAAGGTTCTGTGTGTGA
TTGTGATGCCAAAGCAGCCATCTGCTTCGCCGAGGCCCTTACAACCTCTGCGAACATAAAAATCAACACC
AAGACACGTTGCCAATGA

>GAHF01000033 *Hemiaspis signata* PLA2-Hem-7 mRNA sequence
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CACAGCCTCTCAACCTCTATCAGTTCGGCAACATGATTGGATGTGCCAACCTAACACTCGAGGTTGGTC
GGATTATGCAAACTACGTTTGTACTGCGGCTGGGGAGGTAGCGGGACACCGGTGGATGAGTTGGATAGG
TGCTGCAAAATACATGACGACTGCTATGGTGAAGCCGAAAAAATTGCTTCCCCAAGTTGACGTTGTATA
GTTGAAAATGTACTGAAAATGTACCCACCTGCGATTCAAAAAGGAGTGTGAAAGTTTGTGTGTGATTG
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>GAHF01000034 *Hemiaspis signata* PLA2-Hem-9 mRNA sequence
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ACCACTACACGTTGCCAATGA

>GAHF01000035 *Hemiaspis signata* PLA2-Hem-10 mRNA sequence
ATGTCTCCTGCTCACCTTCTGTGCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCGCCAACATTCCTC
CGCAGCCTCTCAACCTCGTACAATTAGCTACTTGATTCAATGTGCCAACCATGGCAGTCGTGCTACTTG
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ACCACTACACGTTGCCAATGA

>GAHF01000036 *Hemiaspis signata* PLA2-Hem-11 mRNA sequence
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CGCAGCCTCTCAACCTCATACAATTAGCTACTTGATTCAATGTGCCAACCATGGCAGTCGACCTACTTT
GCATTATATGGACTACGTTTGTACTGCGGCTCAGGAGGTAGCGGGACACCGGTAGATGAGTTGGATACG
TGCTGCAAAATACATGACGACTGCTATGGTGAAGCCGAAAAACAAGGATGCTCCCCAAGATGTTGGCGT
ATGATTACTACTGTGGCGAAGATGGACCCCTACTGCAGAAATATCGAAAAGAAGTGTCAACGTATTGTGTG
TGATTGTGACGTCAAAGCAGCCTTCTGCTTTGCCAAAGCCCTTACAACAACGCGAACTGGAATATCGAC
ACCACTACACGTTGCCAATGA

>GAHF01000037 *Hemiaspis signata* SVMP-Hem-2 mRNA sequence
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TCATTATATGACTACGGTTGCTACTGCGGCTCAGGAGGTAGCGGGACACCGGTAGATGAGTTGGATACG
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CCAGTTTGTGAAATTACTTAGTGGATGTGGGAGAAAGATGTGACTGTGGCTCTCCTGTGATGTGCAAA
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GCAATCGCAATTTACGGAAGCAGGAAGAGAAATGCCGGGCAGCAAGGATGACTGTGACTTGCCTGAAAGC
TGCACTGGCCCAATCTGCTGAGTGTCCACGGACAGCTTCCAGAGGAATGGACATCCATGCCAACACAACC
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AATCGTAGAAAGATTCCATGTGCAGCAAGGATGTAAAGTGTGGCAAGTTTACTGCCAACAGGGAAACA
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AGATGGAAGGTGTGTCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHF01000038 *Hemiaspis signata* SVMP-Hem-3 mRNA sequence
ATGATCCAAGCTCTCTTGGTAACTATATGCTTTGCGGTTTTTCCATATCAAGGGAGCTCTATCATCTGG
AATCCGGGAATGTTAATGATTATGAAGTAGTATCCACAAAAGTGCTGCAATTGCCCAAAGGAGGAGT
TCGAATCCTCAGCCAGAGACCAAGTATGAAGATACAATGCAATATGAATTTACGTGAATGGAGAGCGA
GTGGTCTTCTCACTTAGAAAGAAATAAAGGACTTTTTTCAGAAAGATTACATGAAACTAATTATGCCCCG
ATGGCAGAGAAATTACAACAAGCCCTTCGGTTCAGGATCACTGCTATTATCATGGCTACATTGAAATGA
AGCTGATTCAAGTGCAGTCACTGATGCAACGGCTTGAAGGACATTTCAAGCATCGAGGGGAGACA
TACTTTATTGAGCCCTGTAGCTTTCCGACAGTGAATCCCATGCAATCTCAAAGATGAAATGTAGAAA
AAGAGGATGAGATCCCCAAAATCTGTGGGGTAACCCATACTACTTTCGGAGTCAGATGAGCCCATCGAAAA
GATCTCTCAATTAAAGATGCTTCTCAACAAGACAGGTACTTGCAGGTCAAAAATACATTGAGTTGTAT
GTAGTTGTGGACAACAGAATGTACARSAATTACAACAGCAACAGAGATGCTATAAATGAAAGAGTATATG
AAATGGCCACTATGCTTGTTCTATTGCTA

>GAHF01000039 *Hemiaspis signata* SVMP-Hem-5 mRNA sequence
ATGATCCAAGCTGTCTTGGTTACTATATGCTTAGTGGTTTTTCCATATCAGGTGAGCTCTACAATCCTGG
AATCTGGGAAGGTAAGGATTAAGTATGATGTATCCACAAAATTCCTTCAATTGCCCAAAGGAGGACT
TCAGAAGCTTGAGGAAAAGACCAAATATGAAGATACCATGAAATATGAATTTAAAGTGAATGGAGAGCCA
GTGGTCTTAACTAGAAAAAATAAACGACTTTTTTCAAAAGATTACTGAGACTCATTATCCCCCTG
ATGGCAGAGAAATTACAACAAGCCCTTCAGTTCAGGACCACTGCTATTATCATGGACATCCAGATGA
TGCTGACTCAAGTGCAGTCACTAGGGCTTGTGATGGCTGAATGGGTATTTCAAGAATAACGGTGAGATG
TACATTATTGAACCTTTGAAGCATCTGACGAT

>GAHF01000040 *Hemiaspis signata* SVMP-Hem-11 mRNA sequence
ATGTGCAATAATGACATATCTGTAGGAGTTATTGAGATAACAGCTTCCAGGCAATTACAACCTGCAGCTG
TAATGCTCCAGCTGGGTCAATTTCTGGTATGGATCATGATACAGATTCTGTGACTTGCAACATAGG
ACCATGCATTATGGAACCCCTCAATAAATTTTAAACCTCCTCGGGAGTTCAGCTCTTGCAAGTTTCCGGGAT
TATCAGAATTATATCATGACTGAAACTGCACAATGCATTCTCAATGACCCCTTGACGACAGATATTGTTC
CAATTGCAATTTGTGGAAATGTTTTGTGGAAAGAGGAGAAGAATGTGACTGTGGCTTCAGAGATATG
TAAAAATGAGTGTGTGAAGCTGCAACTTGTAAACTGAAACCTGAGGCAGAGTGTGCAAGTGGAGCATGT
TGTGAGAAATGCCAGTTTAGGAGAGCTGGAGAAGTATGCCGGGCAGCAAGGATGACTGTGACTTTGATG
AACTCTGCACTGGCCAATCTGCTGAGTGTCCCATGAATCTCTTCCATATGGATGGACCCCATGCCAAAA

CAACCAAGGTTACTGCTTCAGGGGGACATGTCCCACCTTAAAAAGCAATGCATTGCTCTCTGGGGGCCA
GATGCAGAAGTGGCTCCAGATGGTTGTTTTATGAATAACCAGAAAGGGAAAGATTATGGCTACTGTAAAA
AGGAAACCGTACAAACATTCCATGTGAACCAAGGATGTTAAATGTGGCAGGTTATACTGCATAGATGA
TTCAACTGAAGAGAAAATCATGACTAAATTTTACTTTTACAAAACGAAAATGCCAATTTCCGAATGGTTG
AACCTGGAACAAAGTGTAGGAGAAGGAATGGTCTGTGGCTCCGGGCAGTGTATTAACCTAGAAACAGCAC
GATC

>GAHF01000041 Hemiaspis signata SVMP-Hem-7 mRNA sequence
ATGTACAGGAATTACAAACACAGAGATGCTATAAATGAAAGAGTATATGTAATGGTCAACACTTTAA
ATGTGATGTACAGACCTTTGAATTTTATCATTGCACGTATTGGCCTAGAAATTTGGACCAACCAAGATGA
GATTAACATTGAACAGATGTGTCTGTCACTTTGAGATCATTGGAGATTGGAGAGAAACAGATTTACAG
CCACGCAGAAGGAATGATAATGCTCAGTTACTTACGAGCATTGACTTCAACGGAGCTACTGTAGGACTTG
CTTACGTGGGCACCGGTGCAGAATGA

>GAHG00000000.1|GAHG01000000 TSA: Hoplocephalus bungaroides, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAHG01000001 Hoplocephalus bungaroides 3FTx-Hop-7 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTCGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTAAACAGCTTCTCAT
GCTACAAAACACCTGGTGTAAATCTGAGCCTTGTGCACCTGGGGAGAACCTATGCTTTACAAAGACTTG
GTGTGATGCTTTTTGTGGCCACAGAGGAAAGCGAGTCGAAATGGGATGTGCTGCTACTTGCCTACAGTG
AAGCCCGTGTGGATATTATCTGTTGCTCAACAGACAATTGCAACCCATTTCCAACACACAACCTCTCGTT
GA

>GAHG01000002 Hoplocephalus bungaroides 3FTx-Hop-9 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACATGGGATATAATGCTCCTCAGACTTGTCCACCTGGGGAGAACCTATGCTTTACAAAGAGTTGGTG
TGATGCTCACTGTGGCCAGAGAGGAAAGCGAATCGATTTGGGATGTGCTGCTACTTGCCTACAGTGAAG
CCCGGTGTGGATATTAGCTGTGCTCAACAGACAAGTGCAACCCACATCCAAAACAGCAACGTCGTTGA

>GAHG01000003 Hoplocephalus bungaroides 3FTx-Hop-14 mRNA sequence
ATGAAAACCTCTGCTGTTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTAAAACGTGTGCAGAGAGCTCTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGCCCGGTATTCAA
CTTGATGTGTTGCAAAACAGACGAATGCAACAATTAG

>GAHG01000004 Hoplocephalus bungaroides 3FTx-Hop-18 mRNA sequence
ATGAAAACCTCTGCTGTTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTAAAACCTTGTGCAGAGAGCTCTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGCCCGGTATTCAA
CTTGATGTGTTGCAAAACAGACGAATGCAACAATTAG

>GAHG01000005 Hoplocephalus bungaroides 3FTx-Hop-22 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTAAAACCTTGTGCAGAGAGCTCTTGCTATAAAAAGAC
TTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGCCCGGTATTCAA
CTTGATGTGTTGCAAAACAGACGAATGCAACAATTAG

>GAHG01000006 Hoplocephalus bungaroides 3FTx-Hop-25 mRNA sequence
ATGAAAACCTCTGCTGTTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATATACCATGACAT
GTTGCAACCAACAGTCATCGCAACCTAAAACCACTATACCTTGTCCAATGATGTTTTGCTATAAAATGAC
TTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTCACGTGAAGCCCGGTATTCAA
ATTGAATGTGTTGCAAAACAAACGAATGCAACAATTAG

>GAHG01000007 Hoplocephalus bungaroides fX-Hop-1 mRNA sequence
ATGGCTCATCAGCTACTCCTCTGTCTGATCCTCACTTTTCTGTGGAGTGTCCAGAGGCTGAAAGTAATG
TATTTCTAAAAAGCAAAGTGGCAAATAGATTTTGCAGAGAAACAAACGATCTAATTCATGTTTGAGGA
AATTAGACCTGGAAACATTGAAAGGGAATGCATTGAGGAGAAATGTTCAAAAGAAAGACCTGAGGGAGGTA
TTTGAAGATAACGAGAAAACTGAGACCTTCTGGAATGTTTATGTAGATGGGGATCAGTGTTTCATCAAACC
CCTGTCTATTATCACGGGACATGCAAGATGGCATTGGTAGCTATACCTGTACCTGCTTGCCTAACTATGA
AGGAAAAAAGCTGTGAAAAAGTCTTATTTAAGTCCCTGCAGAGCGTTCAATGGTAACTGTTGGCACTTCTGC
AAACGTGTTCAAAGTGAAACTCAGTGTTTCATGTGCTGAAAGTTACCGTTTGGGAGTTGATGGGCACTCTT
GTGTTGCTGAAGGTGACTTTTCATGTGGTAGAAATATAAAGCAAGGAACAAGAGGGAAGCAAGTCTGCC
TGACTTTGTGTGAGTCCCGAGAGGCAACCTTTGCTGAAAAAATCTGATAATCCAAGCCCTGATATCAGAAAT
GTTAATGGAATGGACTCCAACTGGGTGAATGTCATGGCAGGCAGTCTGATAAATGAAAAAGGAGAAG
TGTTTTGTGGAGGAACAATTTTGGAGATCCCATCATGTGCTTACTGCAGGCCACTGCATTAACAGACCAA
GAGCGTTTCAGTTATTGTAGGGAAATAGACATATCAAGAAAAAGAACCCAGTCTTCTTTCTGTGGA

>GAHG01000008 Hoplocephalus bungaroides KP-Hop-3 mRNA sequence
ATGTCTTCTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGTGCTGACCCCCGTCTCCA
CTAAGGACCGTCCAGAGTTCTGTGAACCTGCCTGATGACTCCGACCATGTAGAGGCATCTTCCATGCCTT
CTACTACAATCCAGATCAACGTATGCTAGAGTTTATTTATGGTGGATGCTATGGGAATGCTAACAAAT
TTTAAGACCATAGATGAATGCAACGCATCTGTGCTGCATGA

>GAHG01000009 Hoplocephalus bungaroides KP-Hop-7 mRNA sequence
ATGACGTGCGAGAAAAAGTCTGGCGCTGTTGATCACGTTGGCGGCTGCGCTGGCGGCCGAGAGTCGCCGC
CAGGCCGATGCCACTCGCCCAGACAGTGGGGCCTTGTCCGGGCATCCTTCCATCGGTGGTGGTACAATGC
CACGATGCAGATGTGCGAGGAATTCATTTTTGGAGGTTGCAAGGCAATGCCAACAACTTTGTCTCCAAA
CAGGACTGCTTCCAGACGTGTATCAGAGGAGGGGCTGCAGAGGCAACAGTGGTATCTAGCGGGCCAGCCA
CTGAAGTGGCTACACCAAGAGCTGGACATCTCCAGAGGCCTACGAAAAACAGGCCTGGCTTCAGAGAAAT
CTGTGCTGCGCCCGGGTGGTAGGTCCTGCGGGGCTCCTTCTCGTTGGTACTTTGACCTAGAGAGC
CGGATGTGCAAGATGTTTCGTCTATGGGGGCTGTCGTGGCAACAAGAACAACTATCTCTTCAAGAGCACT
GCTGGAGCCAGTGACAGGTGATGGAGAGATAACTGAAGAGCCAGGAGATGCAAGCGCCAGCCTCCCT
CCCTCCGAACCTTCAGATCTCCACAGAGCTGTGGTCTTGGCTCCTTCTGGCCATCCTGGTGACT
ATCCTGCTGGGCTCGATGGGGGTTTTCTTTGTTAAGATCTGCCGAAGAACCAGGAGTTGTGAGTGGGAA
CGAGTGTGGAGCACGCTGGATGA

>GAHG01000010 Hoplocephalus bungaroides KP-Hop-9 mRNA sequence
ATGTCTTCTGGAGGTCTTCTYCTCCTGCTGGGACTCCTCACCTCTGGGAGGTGCTGACCCCCGTCTCCA
GCAAGGACCGTCCAAAGTTCTGTGAACCTGCCTGCTGACTCCGATCATGTAAAGGCAACTTCAAGCCTT

>GAHG01000011 *Hoplocephalus bungaroides* KP-Hop-11 mRNA sequence
ATGTCCTTCTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCCTCTGGGAGGTGTTGACCCCCGTTTCCA
GCAAGGACCGTCCACACTTCTGTCATCTGCCTCATGAACCCGGACCATGTAAACGCAACACCCAAGCCTT
CTACTACACCCAGTTTATCATACATGCCTAAGCTTTATTTATGTGGATGCGAAGGGAATCTACAAT
TTTAAGACCATAGATGAATGCAACCGCACTGTGCTGATTGATA

>GAHG01000013 *Hoplocephalus bungaroides* LP-Hop-1 mRNA sequence
ATGGGGCGAATCTCTCTTGGTAGCGCTGAGCTTGCTGGTGCTGACTTTATCCCTAAATGGAATTTGGAGCTG
ATCATCATTTGTCCTCCGAGCTGATCATCTCTTGGGAAGTTTGGTCACAAGTGTCATCAGAGAATGGGAAGAC
CTGGGAAGATCTCCGAGGCATCTCTCGCTGCAGCTTTCAGAAACAGCAGCCATCTGGCCCTCCATCCACAGCCTA
GCAGAGTCCCTTTCCATCCAAACGGCGATCTCCAGGAGACTGGTCTTCACTGATGTCTGGATTTGGACTGA
ATGCTCCAGGGAAGAAATCGCACTCGGGAGTGGACTGATGGCTCCGAAATTTGATTATACATCTCGGGAAT
ATTTGAACCCGCGAATACTGATCGTAGGAGTAGTATCGCTCAAGTTGAGAAGTGTCCTCAAGGCATTCTAGA
TGGGAAGCTGCCAAGTGTGAATCCAAAGATCGTTTCACTGTCAGCAAGATTAG

>GAHG01000015 *Hoplcephalus bungaroides* NP-Hop-00039 mRNA sequence
ATGCTCGGCCTCTCAGCTCTGTGGCGGCGCGGGCTGCTATTGGTGTCTGGCCCTACTGCTCTTGGCCC
TCGACGGGAAGCCGGCGCCACCCGCTCAGGCGCTGCCACAGGCTCCGGCGGGCGGATGATGGCGTCGCG
GCCGGTGCTGCAGGAGCAGCAGGAAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCGCTGCTCCGC
TCTGGCGCCCGCAGCAGTGGAGGATCTCTGGGTCCCGCGCTGAGCGCAGCGGCTCAAGACGGCCCAAGA
TCGGGACGGCTGCTCTGGCCTCCCGATCGACCGCATCGGCACGACGAGCGGCATGGGCTCGGAAGCGT
CCCCAAGCCGACCTGGCGGATCTTAA

>GAHG01000016 *Hoplistcephalus bunganoides* NP-Hop-00040 mRNA sequence
ATGGCTCGGCCCTCTCACAGCTCTGCGGGGCGCGGGTGTGCTGCTGCTGCGCCCTGTGCTCCTCTGCCTCTGC
ACGGGAAACCGCGCGCGCCCTCAGGCGCTGCCACGGCTCAGCGGGCGGCATGATGGCGTCTCGCGGCC
GGTGTCTGACGGAGACGACACGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCGCTGCTGCGCGCTG
CCCGCGCCGACGATGGAGGATCTCTCGGTCTCCGCGGCTGAGCGCAGCGGCTCAAAGACGGCCAAAGATCG
GGGACGGCTGCTTCGGTGTTCAGGCTCGACCGCATCGGCAGCAGCAGCGGCATGGGCTGCGGAGGCGTCCC
GAAGCGACACCTGGCGGATCTTAA

>GAHG01000017 *Hoplcephalus bungaroides* NP-Hop-00061 mRNA sequence
ATGGTTCGGCCTCTCAGCTCTGTGGCGGCGCGGGTGTGCTGCTGCTGCTGGCCCTGCTGCTGCCTATCGCCC
TCGACGGGAAACCGGCGCCGCCCTCAGGCGCTGCCACGGCTCCGGCGGGCGGATGATGAGCGTCGCG
GCGGCTGCTGACGGAGCAGCAGAAGCAGCAGCAGCACCACGAGCAGCAGCAGCGCTGCTCGCCCTCGCG
CCCTGCAGATGAGGAGGATTCCTCGGTCCTCCGCGCTGAGCGCAGCGGCTCCAAGACGGCCAAAGATAGGGG
ACGGCTGCTCTCGGCTCCGATCGACCGCATCGGCAGCAGCAGGCGCATGGGCTCGGAGGCGTCCGAA
CGGCACACCTGGC

>GAHG01000018 *Hoplistcephalus bungaroides* NP-Hop-00064 mRNA sequence
ATGGTTCGGCCTCTCACGTCTGCGCGGCGCGCGGGTGTGTTGCTGCTGCTGCTGGCCCTGCTGCCTATCGCCC
TCGACCGGAAACCGGCGCGCGCGCTCAGGCGCTGCCACAGGCTCCGCGCGGCGGCGATGATGGCGTCGCG
CGCGGTGCTGACGGAGCAGCAGAGCAGCAGCAGCACCACGAGCAGCAGCAGCGCTGCTCGCGCTCGCG
CCGCGCAGCATGAGGAGGATCTCTCGGTTCCGCGGCTGAGCGCTCAGCGGCTCAAGACGCGCCAAGATAGGG
ACGGCTGCTTCGGCCTCCGATCGACCGCATCGGCAGCAGAGCGGCATGGGCTCGGAGCGGTCCGAA
GCGACACCTGCGCGGATCCTAA

>GAHG01000019 *Hoplocephalus bungaroides* NGF-Hop-1 mRNA sequence
ATGTTGTGTGCACCTCTGATTATTGCATTTCTGATTGGCATATGGGCAGCACCAAAATCTGAGGATAATG
TCCCTCTGGGCTCCCTGCACACATCTGACCTTTCTGACACCCAGCTGTGCTCAAACATCATGAGGGTCTGAA
AACATCTCGAAATACAGATCAGCGCCATCCTGCTCCTAAGAAGGCAGAGGATCAAGAACTTGGATCAGCA
GCCAACATCATTTGTGAATCCAGAGCTTTTTCAGAGAGGCGGTTTCTGAGTCACTCTGTTTCTGTTTCAGTA
CTCAGCCCCACCGTTGTCAAGAGATGACGAAAGTGTGGAAGTTCTGTGCAACATGAAGACGCTCTTAAACAG
GAATATCCGGGGCCAAACGTGAAAATCATCCTGTGCATAACAGAGGGGAACATTCTGTGTGTGACAGTATC
AGTGTCTGGGTTACCAACAAAAACCAAGACACCGCATCAAGAGCAATATGGGTGACTGTGATGTGGTGATG
TAATCTCTAATAATGAAGTCTACAAGCAGTACTTTTGGAAACCAAGTGACGAATCCAAATCTCCAGTATC
GAGTGGGTGCAGGGGCACTGATTCCAGGCATTGGAATTTCTTATTGCACCACAACACAGACATTTGTCAGG
GCATTAAACCATGGAAGGCAATCGGGCATCTGGCGCTTCATTTCGGATTGACACTGCCTGTGTGTGCGTAA
TAATTAGAAAAATCTGACAACTTCTGA

>GAHG01000020 *Hoplocephalus bungaroides* NGF-Hop-2 mRNA sequence
ATGTTTGTCCTCACTCTGATTATTGCATTCTCTGATTGGCATATGGGCAGACCAAAATCTGAAGATAATG
TCCCTCTGGGCTCCCCCTGCAACATCTGACCTTTCTGACACCCAGCTGTGCTCAAACATCATGAGGTCTGAA
AACATCTCGGAATACAGATCAGACCACTCTGCTGCTCTAAGAAGGCAGAGGATCAAGAATCTGGATCAGCA
GCCAACATCATTTGTGGATCCCAAGCTTTTTCAGAAAGAGCGTTTCCAGTCACTCTGTTTCTGTTTACAGTA
CTCAGCCCCCACCCTTGTCAAGAGATGAGCAACAGTGGAGTTCTTGGACAATGAAGACGCTCTTAACGA
GAATATCCGGGCCAAACGTGAAATCATCTCTGTCATAACAGAGAGGGAACATCTGTGTGTGACAGTATC
AGTGTCTGGGTACCAACAAAACCAAAGCAACGGACATCAAAGGCAATATGGTGACTGTGATGGTGGATG
TAAATCTTAAATGAAGTCTACAAGCAGTACTTTTGTGAACCAAGTCAGAAATCTCAAACTCAGTACC
GAGTGGGTGCAGGGGCCATGATTTCTCAGGCATTGGAATCTTTATTGCACCACCAACACAGACATTTGTGAG

GCATTAAACCATGGAAGGCAATCGGGCATCTGGCGCTTCATTTCGGATTGACACTGCCTGTGTGTGCGTAA
TCATTAGAAAAACTGACAACCTTCTGA

>GAHG01000021 Hoplocephalus bungaroides NGF-Hop-3 mRNA sequence
ATGTTGTGCTACACTCTGATTATTGCATTTCTGATTGGCATATGGGCAGCACCAAAATCTGAGGATAATG
TCCCTCTGGGCTCCCCTGCAACATCTGACCTTCTTGACACCAGCTGTGCTCAAATTCACGAGGGTCTGAA
AACATCTCGAAATACAGATCAGCGCCATCCTGCTCCTAAGAAGGCAGAGGATCAAGAACTTGGATCAGCA
GCCAAGCATCTGTGGATCCCAAGCTTTTTCAGAAGAGGCGTTTCCAGTCACCCCGTGTTCTGTTTCAGCA
CTCAGCCCCCACCCTGTGTCAGAGATGAGCAAAGTGTGGAGTTCCTCGACAATGAAGACGCTCTTAACAG
GAATATCCGGGCCAAACGTGAAAATCATCTGTGCATAACCAAGGGGAACATTCTGTGTGTGACAGTGTG
AGTGACTGGGTATCAAAACACAGCAACGGACATCCACGGCAATATGGTGACTGTGATGGAGGACATAA
CTCTTAATAATGAGGTCTACAAGCAGTACTTTTGTGAAACCAAGTGCAGAAATCCAAATCCAAATCCACT
ACAGAGTGAGTGCAGGGGCATTGATTCCGGGCTTTGGAATTTCTATTGCACCAGAACACAGACATTTGTC
AAGGCATTAAACCATGGTAGGCAATCAGGCATCTTGGCGCTTCATTCTGATTGACACTGCCTGTGTGTGCG
TAATCATTAGAAAACTGACAACCTTCTGA

>GAHG01000022 Hoplocephalus bungaroides NGF-Hop-4 mRNA sequence
ATGTTGTGTTACACTCTGATTATTGCATTTCTGATTGGCATATGGGCAGCACCAAAATCTGAGGATAATG
TCCCTCTGGGCTCCCCTGCAACATCTGACCTTCTTGACACCAGCTGTGCTCAAATCATGAGGGTCTGAA
AACATCTCGAAATACAGATCAGCGCCATCCTGCTCCTTAAGAAGGCAGAGGATCAAGAACTTGGATCAGTA
GCAAACATCATGTGTGATCCCAAGCTTTTTCAGAAGAGGCGTTTCCAGTCACTCTGTTCTTTTCAGCA
CTCAGCCCCCACCCTGTGTCAGAGATGAGCAAAGTGTGGAGTTCCTCGACAATGAAGACGCTCTTAACAG
GAATATCCGGGCCAAACGTGAAAATCATCTGTGCATAACCAAGGGGAACATTCTGTGTGTGACAGTGTG
AGTGATTGGGTATCAAAACACAGCAACGGACATCCACGGCAATATGGTGATGTGATGGAGGACATAA
ATCTTAATAATGAGGTCTACAAGCAGTACTTTTGTGAAACCAAGTGCAGAAATCCAAATCCAAATCCACT
ACAGAGTGAGTGCAGGGGCATTGATTCCAGGCTTTGGAATTTCTATTGCACCAGAACACAGACATTTGTC
AAGGCATTAAACCATGGCAGGCAATCAGGCATCTTGGCGCTTCATTCTGATTGACACTGCCTGTGTGTGCG
TAATCATTAGAAAACTGACAACCTTCTGA

>GAHG01000023 Hoplocephalus bungaroides PLA2-Hop-6 mRNA sequence
ATGTATCCTGTTACCTTCTGGTCTCTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCAACATTCCTC
CGCGGCTCTCAACCTCTATCAGTTCAAGAACATGATTCCATGTGCCAACCATGGCCGAAGACCTACTTG
GCATTATATGACTACGGTTGCTACTGCAGCTCAGGAGGTAGCGGGACACCCGTAGATGAGTTGGATAGG
TGCTGCAAAACACATGAGGACTGCTATACTAACATCGGAACATCCAAATGCAACCCCCAAGTCGCAGATTT
ATACTTGGCAATGTGGCAGCGATGGACCACTGCGACGATTCAAAAACAGGATGTGAACGTTCTGTGTG
TGAATGTGATGCCGACGACGCAAGTGCTTTGCCAAAGCCCCCTTACAACCAGGAAAACTGGAATATCGAC
ACCAAGAAACGTTGCCAATGA

>GAHG01000024 Hoplocephalus bungaroides PLA2-Hop-7 mRNA sequence
ATGTATCCTGTTACCTTCTGGTCTCTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCAACATTCCTC
CGCGGCTCTCAACCTCTATCAGTTCAAGAACATGATTCCATGTGCCAACCATGGCCGAAGACCTACTTG
GCATTATATGACTACGGTTGCTACTGCAGCTCAGGAGGTAGCGGGACACCCGTAGATGAGTTGGATAGG
TGCTGCAAAACACATGAGGACTGCTATACTAACATCGGAACATCCAAATGCAACCCCCAAGTCGCAGATTT
ATACTTGGCAATGTGGCAGCGATGGACCACTGCGACGATTCAAAAACAGGATGTGAACGTTCTGTGTG
TGAATGTGATGCCGACGACGCAAGTGCTTTGCCAAAGCCCCCTTACAACCAGGAAAACTGGAATATCGAC
ACCAAGAAACGTTGCCAATGA

>GAHG01000025 Hoplocephalus bungaroides PLA2-Hop-8 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTCTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCAACATTCCTC
TGCGGCTCTCGAACCTCTATGCAATTCAGCAACATGATTCAATGTGCCAACCATGGCAGTCGACCTACTTC
GCATTATGCGGACTACGGTTGCTACTGCGGCAAGGAGGCAGCGGGACACCCGTAGATGAGTTGGATAGG
TGCTGCAAAACACATGATGACTGCTATGCTAAAGCCAAAAAATGCTCCCCCAAGCTGTGTTGTATAGTT
GGCGATGTAGCCGAATGTACCCTCTGCAAAAGATTCAAAAACGGGATGTAAAGGTGTTGTGTGTGATTG
TGACGCCAAAGCAGCCAAGTGCTTTGCCAAAGCCCCCTTACAACGACGCGAACTGGGATATCGACACCAAG
ACACGTTGCTAA

>GAHG01000026 Hoplocephalus bungaroides PLA2-Hop-9 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTCTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCAACATTCCTC
TGCGGCTCTCGAACCTCTATGCAATTCAGCAACATGATTCAATGTGCCAACCATGGCAGTCGACCTACTTC
GCATTATGCGGACTACGGTTGCTACTGCGGCAAGGAGGCAGCGGGACACCCGTAGATGAGTTGGATAGG
TGCTGCAAAACACATGATGACTGCTATGCTAAAGCCAAAAAATGCTCCCCCAAGCTGTGTTGTATAGTT
GGCGATGTAGCCGAATGTACCCTCTGCAAAAGATTCAAAAACGGGATGTAAAGGTGTTGTGTGTGATTG
TGACGCCAAAGCAGCCAAGTGCTTTGCCAAAGCCCCCTTACAACGACGCGAACTGGGATATCGACACCAAG
ACACGTTGCTAA

>GAHG01000027 Hoplocephalus bungaroides PLA2-Hop-15 mRNA sequence
ATGTATCCTGCTCACCTTCTGGTCTCTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCAACATTCCTC
CGCGGCTCTCGAACCTCTATGCTTCAAGAACATGATTCAATGTGCCAACCATGGCAGTCGACCTTCTTG
GGCTTATGCGCACTACGGTTGCTACTGCGGCAAGGAGGCAGCGGGACACCCGTAGATGAGTTGGATAGG
TGCTGCAAAACACATGACGACTGCTATGCTAAAGCCAAAAAATGCTCCCCCAAGCTGTGTTGTATAGTT
GCTCTTACTACAACATGTATAAATACAAAATGTAATGAAGGCGAACTCACCTGCCAAGCGGACAACGATGA
GTGTAAAGCCTTTATCTGTAATTGTGACCGCACAGCAGCCATCTGCTTCGCCGGAGGCCCTTACAACCAG
GAGAAGTTCATGATCTCCAGCAAGACACATTGCCAATGA

>GAHG01000028 Hoplocephalus bungaroides PLA2-Hop-18 mRNA sequence
ATGTATCCTGTTACCTTCTGTGCTCTGTTGGCAGTTTGTGTCTCCCTCTTAGGAGCCTCCAACATTCCTC
CGCAGCTCTCAACCTTGAACAATTCGACAAACATGATTGAATGTGCCAACCATGGCAGTCGACCTTCTTG
GCATTATATGACTACGGTTGCTACTGCGGCAAGGAGGTAGCGGGACACCCGTAGATGAGTTGGATAGG
TGCTGCAAAACACATGAGGACTGCTATGCTAAAGCCAAAAAATGCTCCCCCAAGCTGTGTTGTATAGTT
ATAGTTGGAATGTGGCAGCGATGGACCCCACTTGCATGGCAACAATGAGTGTAAAGCCTTTATCTGTAA
TTGTGACCGCACAGCAGCCAAGTGCTTTGCCAAAGCCCCCTTCAACCAGGAAAACTGGGATATCGACACC
GAGACACATTGCCAATGA

>GAHG01000029 Hoplocephalus bungaroides SP-Hop-3 mRNA sequence
ATGTTGATCAGGCTGAACATGTTCTGTTAACTATAGTGAAACATATCGCACTCTTAGCTTGCCCTCCAACC
CTCCCAGGATGGGCTCAGTTTGGCGTGTATGGGCTGGGGCTCAATCACAACCTTCTAATGTGACTTATCC
CGAAGTCCCTCATTGTGTGACATTAAACATACTCCATAATCCGGTGTGTCAAGCAGCTTACCCATCAATG
TCAGGAAGAAACACATGTGTGCGGGTATCCTGGAAGGAGGCAAGATTCATGTAAGGCGATCTGGGG
GACCCCTCATCTGTAATGGACAAATCCAGGGCATTGTATCTTGGGGGCACTTTCCTTGTGCCCTACTTCT
TGAACCTGGCGTCTACAGCAAGGTCTTCGATTATAAGGACTGGATTGAGGGTATTATTGCAGGAAATTC
AACGCGATCTGCCCTAG

>GAHG01000030 Hoplocephalus bungaroides SVMP-Hop-13 mRNA sequence
ATGTCTGCGATAATAAGTAATGAACCTTTTTCTAAGTTCAGCAATTGTAGTGTCCAGGAACATCGGGAGT
ATCTTCTTAGAGACAGACCACAATGCATTCTCAATAATCCCTTGAGCACAGATATTGTTACACCTCCAGT
TTGTGGAAATTACTTTAGTGGAGGTGGGAGAAGAATGTGACTGTGGCTCTCCTCAGGATTGTCAAGATGCC
TGCTGCAACGCTGCAACTTGTAACTGCAACACGACTGTGACTCCGGAGAGTGTGTGAGAAATGCAAAAT
TTAAGAAAGCAGGAGCACAATGCCGGGCAGCAAAGGATGACTGTGACTTGCCCTGAAAGCTGCACTGGCCA
ATCTGCTGAGTGTCCACCGGATGTAGATTAAACAGAGGATGGACATCCATGCCAAAACAACAGGGTTACTGC
TACAATGGGAAATGCCCCATCATGACAAACAGTGTATTGCTCTAAAGGGGCCAGGTGTAATGTGTCTC
CAGATGAATGTTTTACGTCGAAACAGAATGACCCACGTTGTGGCTTCTGCAGAATAGAAAATGGTAGAAA
GATTCCATGTGCAGAAAAGGATAAAATGTGTGGCAAGTTATTATGCCAAAAGGGAACGCGATATGCATC
TGCTTTCTACAACAGATGACCCAGATTATGGAATGGTTGAACCTGGAACAAAATGTGGAGATGGAAGG
TGTGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHG01000031 Hoplocephalus bungaroides SVMP-Hop-14 mRNA sequence
ATGGTCAACACTTTAACTGTGATGTGCAGACCTTTGAATTTTTTCATTGCACTGATTGGCCTAGAAATTT
GGACCAACCAAGATGAGATTGAGATTAAACAGAGGTGGCTGTCACTTTGAATCATTTGGAAAATGGAG
AGAAACAGTTTTACTGCCACGCAAAAGGAATGATAATGCTCAGTTACTTACGGGCATTGACTTCAATGGA
ACTACTGTAGGACGCTGCTCACGTCCGCTCCCTCTGCAGTCCGAAGAAATCTGTAGCAGTTATTTCAGGATC
ATAGCAAAAAGAACCAAGCATGGTGGCATCTACAATGGCCCATGAGTTGGGTCTAATCTGGGCATTTCATCA
TGACAACGCTTCTGTAAATTGCAGTGTGGACCATGCATTATGTCTGCGAGAGCAAGTCATGAACCTGCC
TATGAGTTTCAGCAATTGTAGTGTCCAGGAACATCGGGAGTATCTTCTTAGAGACAGACCACAATGCATTCT
TCAACAAAACCTTTGAGAAGGGATATTGTTACACCTCCAGTTTGTGGAAATTACTTAGTGGAGCGGGGAGA
AGAATGTGACTGTGGCTCTCCGAGGATTGTCAAAATGCCTGCTGTAATGCTGCAACTGTAAACTGCAA
CACGAGGCACAGTGTGAGTCTGGAGTGTGTTGTGAGAAAATGCAAATTTAAGAAAGCAGGAGCAGAATGCC
GGGCAGCAAAAGGACGACTGTGACTTGCCTGAAAGCTGCATGGCCAAATCTGTCTAAGTGTCCCGGACAG
CTTCCAGAGGAATGGACATCCATGCCAAAACAACAGGGTTACTGCTACAATCGGAAATGCCCCCTCATG
ACAAACCAAGTGTATTGCTCTCGGGGACCAGGTGTAATGTGTCTCCAGATAGATGTTTTACGATCAACC
AGAGGGGCAGAGGTTGTGGCTTGTGCGAAGATAGAAAATGGTACAAAGATTCCATGTGCAGCAAAAGGATAA
AATGTGTGGCATGTTTACTGCGAAAAGGGAAACACGACATGCACCTGCTTTACTACAACAGATGACCCA
GATTATGGAATGGTTGATCCTGGAACAAAATGTGGAATGGAAGGTGTGCATCAACAGGCAGTGTGTTG
ATGTGCAGACAGCCTACTGA

>GAHG01000032 Hoplocephalus bungaroides SVMP-Hop-15 mRNA sequence
ATGAGTTGGGTCGATAATCTGGGCATTCATCATGACACGCTTCCTGTAATTGCAGTACTGGACCATGCA
TTATGTCTGCGATAATAAGTGATGAACCTCTCTATGAGTTCAGCTCCTGTAGTGTCCAGGAACATCAGAG
GTATCTTCTTAGACACAGACCACAATGCAGTCTCAACAAACCTTGAGCACAGATATTGTTGCACCTCCA
GTTTGTGGAAATTACTTTGTGGAGGTGGGAGAAGAATGTGATTGCGGCTCTCCTGCGGATTGTCAAAGTG
CCTGTGTCAATGCTGCAACTTGTAACTGCAACATGAGGCACAGTGTGACTCCGGAGAGTGTGTGAGAA
ATGCAAAATTTAAGAAAGCAGGAGCAGAATGCCGGGCAGCAAAGGATGACTGTGACTCACCTGAAAGCTGC
ACTGGCCAAATCTGCTGAGTGTCCCACGAGCAGCTTCCAGAGGAATGGACATCCATGCCAAAACAACCAAG
GTTACTGTCTACAATGGGAAATGTCCCATCATGACAAACCAATGTATTGATCTCTGGGGGCCAGGTGTAAA
AGTGTCTTCAGGTATATGTTTTACATTGAACCAGAATGGCCGAAGTTGTGGCTTCTGCAGAATAGAACAT
GGTACAAAGATTCCATGTGCAGCAAAAGGATGTAAAGTGTGGCAGTTATTTTGCAAAAGAGAAAACCTCGA
TGATATGCAGCTGCAAGTTTTATCATCATGACCCAAGTYRTGGAATGGTTGAACCTGG

>GAHG01000033 Hoplocephalus bungaroides SVMP-Hop-18 mRNA sequence
ATGATCAACACTTTAAATATGATGTACAGATCTTTGAATTTTTTCATTGCACTGATTGGCCTAGAAATTT
GGACCAACCAAGATAAGATTAAAGTTGAACAAGAGGCGAATGTCACTTTGAATCATTGGAGAATGGAG
AGAAACAGTTTTGTCTGCCACGCAAAAGGAATGATAATGCTCAGTTACTTACGGGCATTGACTTCAACGGA
AGGACTCTAGGACTTGGCTTACGTCCGCTCCCTCTGCCTTCCGATGCACCTCTGTAGCAGTTATTGAAATT
ATAGCAGAGACACAAGAATAATGGCATCTATAATGGCCCATGAGTTGGGTCTAATCTGGGCATTAAATCA
TGACAACTTCTCCTGTTAGTTGAGTGTGACCATGCATTATGTCTAAGACAGTAAGTCATGAACCTCTC
TATGACTTTCAGCAATTGTAGTGTCCAGGAACATCAGAGGTATCTTCTTAGAGTCAGACCACAATGCATTCT
TCAACAAAACCTTGAGCACAGATATTGTTACACCTCCAGTTTGTGGAAATTACTTAGTGGAGAGGGGAGA
AGAATTGTGATTGTGGCTCTCCTCAGGATTGTCAAGATGCTGCTGCAACGCTGCAACTGTAAACTGCAA
CACGACTGTGACTCCGGAGAGTGTGTGTGAGCAATGCAAAATTTAAGAAAGCAGGAGCACAATGCCGGGCAG
CAAAGGACGACTGTGACTTGCCTGAAAGCTGCCTGAGTGTGCTGAGTGTCCACGGACAGCTTCCA
GAGGAATGGACATCCATGGCAAAGCAACAGGGTTACTGCTACAATGGGAAATGCCCATCATGACAAAAC
CAGTGTATTGCTCTAATGGGGCCAGGTGTAAATGTGTCTCCAGATGATTGTTTTACGTGGAACAGAAATG
ACCCAGATTGTGGCTTCTGCAGAATAGAAAATGGTAGAAAGATTCCATGTGCAGAAAAGGATAAAATGTG
TGGCATGTTAGTATGCGAAAAGAGAAAACCGAAATGCACCTGCTTTACTACAACAGATGACCCAGATTAT
GCAATGGTTGATCCWGGGCTTGATCAG

>GAHG01000034 Hoplocephalus bungaroides SVMP-Hop-23 mRNA sequence
ATGGCATCTGAAATGGCCCATGAGTTGGGTCTAATCTGGGCATTAGTCATGACAACGCTTCCTGTAATT
GCAATCTGAGACCATGACATTATGCTCGCATAGATAAGATTTTGAACCTCTCTCTGAGTTGAGTCTTGTAG
TATCCAGGAACATCAGAGGTATCTTCTTAGAGACAGACCACAATGCATTCTCAACAAACCTTGAGCACA
GATATTGTTACACCTCCAGTTTGTGGAAATTACTTAGTGGAGGTGGGAGAAGAATGTGACTGTGGTTCTC
CTGTGGATTGTCAAAGTCCCTGCTGCAATGCTACAACCTGTAACTGCAACATGAGGCACAGTGTGACTC
CGGAGAGTGTGTGAGCAATGCAAAATTTAAGAAAGCAGGAGCAGAATGCCGGGCAGCAAAAGGATGACTGT
GACTTGCCTGAAAGCTGCATGGCCTGCTGAGTGTCCACAGACAGCTTCCAGAGGAATGGACATC
CATGCCAAAACAACAGGGTTACTGCTACAATGGGAAATGCCCATCATGACAAACCAATGTATTGATCT
CTGGGGGCCAGGTGTAAATGTGTCTCCAGATGAATGTTTTACGTGGAACAGAAATGGCCAAAGTTGTGGC
TTCTGCAGAATGGAAAATGGTGCAAAGATTCCATGTGCAGCAAAGGATGTAAAGTGTGGCAAKTTACACT
GCGAAAAGGACACATGATATGCATCTGCTTTGTTTACCAGATGACCCAGATTATGGAATGGCTGAACC
TGG

>GAHG01000035 Hoplocephalus bungaroides SVMP-Hop-30 mRNA sequence
ATGTCTAAGACAGTAAGTCATGAACCTGCCTATGAGTTCAGCAATTGTAGTGTCCAGGAACATCAGAGGT
ATCTTCTTAGTAACAGACCACAATGCATTCTCAACAAACCTTGAGCACAGATATTGTTACACCTCCAGT
TTGTGGAAATTACTTAGTGGAGGTGGGAGAAGAATGTGATTGTGGCTCTCCTCAGGATTGTCAAGATGCC
TGCTGCAATGCGGCAACTTGTAACTGCAACACGACTGTGACTCCGGAGAGTGTGTGAGCAATGCAAAAT
TTAAGAAAGCAGGAGCAGAATGCCGGGCAGCAAAGGATGACTGTGACTTGCCCTGAAAGCTGCACTGGCCA
ATCTGCTAAGTGTCCCAAGCAACCGCTTCCAGAGGAATGGACATCCATGCCAAAACAACAGGGTTACTGC
TACAATGGGAAATGCCCATCATGACAAAACAGTGTATTGCTCTCAGGGGACCAGGTGTAATGTGTCTC
CAGATGGATGTTTTAAGTTCAACAGGCTGGCCAAAGTTGTGGCTTCTGCAGAATAGAAAATGGTAGAAA
GATTCCATGTGCAGCAAAGGATGTAAAGTGTGCACGTTATACTGCAAAGAGGGAACGCGACATGCCGC
TGCTTTCTACAACACATGACCCATATTATAGAATGGTTGAACCTGGAACAAAATGTGGAGATGGAAGG
TGTGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHG01000036 Hoplocephalus bungaroides SVMP-Hop-36 mRNA sequence
ATGCACCTCTGTAGCAGTTATTTCAGAAATATAGCAGAGACACAAGAAATATGGCATCTATAATGGCCCCATG
AGTTGGGTCTATAATCTGGGCATTAATCATGACAACTCTTCCTGTAATTGCAGTGCTAGACCATGCATTAT
GTCTAAGACAGTAAGTGATGAACCTGCCTATGAGTTTCAGCAATTGTAGTGTCCAGGAACATCAGAGGTAT
CTTCTTAGTAACAGACACAAGTGCAATCTCAACAAACCCCTTGAGCACAGATATTGTTACACCTCCAGTTT
GTGGAAATTACTTAGTGGAGAGGGGAGAAGAAATGTGATTGTGGCTCTCCTCAGGATTGTCAAGATGCCTG
CTGCAATGCTACAACCTGTAACTGCAACACGACTGTGACTCCGGAGAGTGTGTGAGCAATGCAAAATTT
AAGAAAGCAGGAGCAGAATGCCGGGCAGCAAAAGGATGACTGTGACTTGCCTGAAAGCTGCACCTGGCCAAT
CTGCTGAGTGTCCACGGACAGCTTCCAGAGGAATGGACATCCATGCCAAAACAACAGGGTTACTGTTA
CAATCGGACATGCCCCCTCATGACAAACAGTGTATTGCTCTCGGGGGACCAGGTGTAATGTGTCTCCA
GATGAATGTTTTATGATTTCAACAAAGAGGGCAAAAGGTTGTGGCTTCTGCAGAAATGAGAAATGGTAGAAAGA
TTCCATGTGCAGCAAAAGGATGTAAGTGTGGCAAGTTATACTGCAAGAGGGGAAACAATAAATGCCTCTG
CTATGAATCACAAGATGACCCAGATACTGGAATGGTTGAACCTGGAACAAAATGTGGAGATGGAAAGGTG
TGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHG01000037 Hoplocephalus bungaroides SVMP-Hop-39 mRNA sequence
ATGCATTATGTCTGCGACATAAGTCAAGCACTCTCTATGACTTCAGCAATTGTAGTGTCCAGGAACATC
AGAGGTATCTTCTTAGAGTCAGACCACAATGCATTCTCAACAAACCCCTTGAGCACAGATATTGTTACACC
TCCAGTTTGTGGAAATTACTTAGTGGAGGTGGGAGAAGAATGTGACTGTGGCTCTCCTCAGGATTGTCAA
GATGCAATGTTTATGATTTCAACAAAGAGGGCAAAAGGTTGTGGCTTCTGCAGAAATGAGAAATGGTAGAAAGA
GCAAAATTTAAGAAAGCAGGAGCAGAATGCCGGGCAGCAAAAGGATGACTGTGACTTGCCTGAAAGCTGCAC
TGGCCAATCTGCTGAGTGTCCACGGACAGCTTCCAGAGGAATGGACATCCATGCCAAAACAACAGGGT
TACTGCTACAATGGGAAATGCCCATCATGACAAACCAATGTATTGATCTCTGGGGGCCAGGTATAAATG
TGTCTCCAGATGAATGTTTTACGTGGAAACAGAATGGCCAAGGTTGTGGCTTCTGCAGAAATGGAACATGG
TAGAAAGATTCCATGTGTCAGCAAAAGGATATAAAGTGTGGCAAGTTACTGCAAAAAGGGAAACGCGACA
TGCATCTGCTTTGTTTCCACAGATGACCCAGATTATGGAATGGCTGAACCTGGAACAAAATGTGGAGATG
GAATGTGTGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHG01000038 Hoplocephalus bungaroides SVMP-Hop-45 mRNA sequence
ATGGCCCCCATGAGTTGGGTCTAATCTGGGCATTTCATCATGACAACGCTTCCTGTAAATTGCAGTGTCTG
GACAATGCATTATGTCTGAGACAATAAGTGATGAACCTTCTATGAGTTTCAGCAATTGTAGTGTCCAGGA
ACATCAGAGGTATCTTCTTAGTAACAGACCAACAATGCATTCTCAACAAACCCATGAGAAAGAAATATTGTT
ACACCTCCAGTTTGTGGAAATTACTTAGTGGAGCGGGGAGAAGAATGTGACTGTGGCTCTCCTCAGGATT
GTCAAGTGCCTGCTGCAATGCTACAACCTGTAAACTGCAACACGAGGCACAGTGTGACTCCGGAGAGTG
TTGTGAGAAATGCAAAATTTAAGAAAGCAGGAACAGAATGCCGGGCAGCAAAAGGATGACTGTGACTTGCCT
GAAAGCTGCACCTGGCCAATCTGCTAAGTGTCCACGAAACCGCTTCCAGAGGAATGGACATCCATGCCAAA
ACAATGAGGGTTACTGCTACAATGGGAAATGCCCATCATGACAAACCAAGTGTATTGCTCTCGGGGGACC
AGGTGTAATGTGTCTCCAGATGGATGTTTTAAGTTCAACAGGCTGGCCAAAGATTGGGCTTCTGCAGA
ATGGAAATGTAGAAATGATTCCGTGTGCAGCAACGATGAAAGTGTGGCAAGTTATACTGCATAGTCG
GAAACAATACATGCCTCTGCTATGGTTACAGAGATGACCCAGATACTGGAATGGTTGAACCTGGAACAAA
ATGTGGAGATGGAAAGGTGTGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHG01000039 Hoplocephalus bungaroides SVMP-Hop-46 mRNA sequence
ATGCCCCCTGATGGCAGAGAAATTACAAACAGCCCTCCGGTTTCAGGATCAC'TGCTATTATCATGGCTACA
TTCAGAAATGAAGCTGATTACGTGCAGTCATCAGTGCATGCAACGGCTTGAAGGACATTTCAAGCATCG
AGGGGAGACATACTTTATTGAGCCCTTGAAGCTTCCGACAGTGAATCCCATGCAATCTACAAAGATGAA
AATGTAGAAAAAGAGGATGAGATCCCCAAATCTGTGGGTAAACCTACTACTTCCGAGTCAGATGAGC
CCATCGAAAGATCTCTCAATTAGCTAATACCTCTGAACAAGGCAGGTAAGTTCAGAGTCAAAAAATATAT
TGAGTTTTACGTGGTTTTTGGACAACAAAAATGTACAAGAATTACAACAGCAACAGAGGTGCTATAAAAAACA
AGAGTATATGAAATGATCAACACTTTAAATATGATGATGTACAGATCTTTGAATTTTTTCAATGCACTGATTG
GCCTAGAAATTTGGACCAACAAAGATTAAGATTAAGATTGAACAAGAGGCGAATGTCACTTTGAAATCATT
TGGAGAATGGAGAGAAACAGTTTTGCTGCCACGCAAAAGGAATGATAATGCTCAGTTACTTTACGGGCATT
GACTTCAACGGAGAAACTGTAGGACTTGGCTTACGTGGGCACCTCTGCAGTCCGAAGTTCTCTGTAGCGG
TTATTAGAAATATAGCAGAGACACAAGAATGATGGCATCTATAATGGCCCATGAGTTGGGTCTAATCT
GGGCATTATCATGACAACCTCTCTGTAAATTGCAGTGCTAGACCATGCATTATGTCTGAAAGATTAAGT
GTGGAAATCTGCTATGAGTTCAGCAATTTGATGTCCAGGAACATCGGAAGTATCTTCTTAGAGACAGAC
CACAATGCATTCTCAACAAACCCCTTGAGCACAGATATTGTTACACCTCCAGCTTGTGGAAATTACTTAGT
GGAGAGGGGAGAAGATGTGATTGTGGCTCTCCTCAGGATTGTCAAGATGCCTGCTGCAACGCTGCAACT
TGTAAACTGCAACAGCATGTGACTCCGGAGAGTGTGTGAGAAATGCAAAATTTAAGAAAGCAGGAGCAG
AATGCCGGGCAGCAAAAGGATGACTGTGACTTGCCTGAAAGCTGCAC'TGGCCAATCTGCTAAGTGTCCAC
GAACCGCTTCCAGAGGAATGGACATCCATGCCAAAACAACAGGGTTACTGCTACAATGGGAAATGCCCC
ATCATGCAAAACCAAGTATTGCTCTCAGGGGACAGGTGTAATGTGTCTCCAGATGGATGTTTTAAGT
TCAACAGGCTGGCCAAAGTTGTGGCTTCTGCAGAAATGAGAAATGGTAGAAAGATTCCATGTGCAGCAAA
GGATGTAAAGTGTGGCACGTTTATACTGCAAA

>GAHG01000040 Hoplocephalus bungaroides SVMP-Hop-50 mRNA sequence
ATGCACCTCTGTAGCAGTTATTTCAGAAATATAGCAGAGACACAAGAAATATGGCATCTATAATGGCCCCATG
AGTTGGGTCTATAATCTGGGCATTAATCATGACAACTCTTCCTGTAATTGCAGTGCTAGACCATGCATTAT
GTCTAAGACAGTAAGTGATGAACCTGCCTATGAGTTTCAGCAATTGTAGTGTCCAGGAACATCAGAGGTAT
CTTCTTAGTAACAGACACAATGCATTCTCAACAAACCCCTTGAGCACAGATATTGTTACACCTCCAGTTT
GTGGAAATTACTTAGTGGAGAGGGGAGAAGAAATGTGATTGTGGCTCTCCTCAGGATTGTCAAGATGCCTG
CTGCAACGCTACAACCTGTAACTGCAACACGACTGTGACTCCGGAGAGTGTGTGAGCAATGCAAAATTT
AAGAAAGCAGGAGCACAATGCCGGGCAGCAAAAGGATGACTGTGACTTGCCTGAAAGCTGCACCTGGCCAAT
CTGCAGAGTGTCCCCACGGACAGCCTTCCAGAGGAATGGACATCCATGCCAAAACAACAGGGTTACTTGCTA
CAATCGGAAATGCCCCATCATGACAACACAGTGTATTGCTCTAGGGGGGCCAGGTGTAATGTGTCCCA
GATGAGTGTTTTAAGTTCAACAGGATGGCCAAAGATTGTGGCTTCTGCAGAAATGAGAAATGGTAGAATGA
TTCCGTGTGCAGCAAAAGGATGTAAGTGTGGCAAGATATTCTGCAAAAGAGGGGAAACGATACATGCTATCTG
CTATGGTTTACCAGGTGACCCAGATAGAGGAATGGTTGAACCTGGAACAAAATGTGGAGATGGAAAGGTG
TGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHG01000041 Hoplocephalus bungaroides SVMP-Hop-62 mRNA sequence
ATGATGGCATCTATAATGGCCCATGAGTTGGTCTATAATCTGGGCATTAAACATGACAACCTCTCCTGTA
ATTGCAGTGCTAGACCATGCATTATGTCTGAAAGATTAAAGTCATGAACCTGCCTATGAGTTTCAGCAATTG
TAGTGTCCAGGAACATCGGGAGTATCTTCTTAGAGACAGACCACAATGCATTCTCAACAAACCCCTTGAGC
ACAGATATTGTTACACCTCCAGTTTGTGGAAATTACTTAGTGGAGAGGGGAGAAGAATGTGATTGTGGCT
CTCCTCAGGATTGTCAAGATGCCTGTGCAACGCTGCAACTTGTAAACTGCAACACGACTGTGACTCCGG
AGAGTGTGTGAGAAATGCAAAATTAAGAAAGCAGGAGCAGAATGCCGGGCAGCAAAAGGATGACTGTGAC
TTGCTTGAAGCTGCACCTGGCCAATCTGCTGAGTGTCCCACGGACAGCTTCCAGAGGAATGGACATCCAT
GCCAAAACAACAGGGTTACTGCTACAATCGGAAATGCCCATCATGACAAACCAAGTGTATTGCTCTAGG
GGGGCCAGGTGTAATGTGTCCCAAGATGGATGTTTTAAGTTCAACAGGATGGCCAGATTTGTGGCTTC
TGCAGAAATGAAAAATGGTAGAATGATTCCGTGTGCAGCAAAAGGATGTAAGTGTGGCAAGATATTCTGCA

AAGAGGGAAACGATACATGCAACTGCTATGGTTTACCAGATGACCCAGATTATGGAATGGTTGAACCTGG
AACAAAATGTGGAGATGGAAAGGTGTGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCGTACTGA

>GAHG01000042 Hoplocephalus bungaroides SVMP-Hop-63 mRNA sequence
ATGGCATCTATAATGGCCCATGAGTTGGGTCTAATCTGGGCATTAATCATGACAACTCTTCTGTAAAT
GCAGTGTAGACCATGCATTATGTCTAAGACAGTAAGTGATGAACCTGCCTATGAGTTCAGCAATTGTAG
TGTCAGGAACATCAGAGGTATCTTCTTAGTAACAGACCACAATGCATTCTCAACAAACCTTGAGCACA
GATATTGTTACACCTCCAGTTTGTGGAAATTACTTAGTGGAGAGGGGAGAAGAATGTGATTGTGGCTCTC
CTCAAGATTGTCAAGATGCCTGCTGCACGCTACAACCTTGTAACCTGCAACACGACTGTGACTCCGGAGA
GTGTTGTGAGCAATGCAAAATTAAGAAAGCAGGAGCAGAATGCCGGGCAGCAAAGGATGACTGTGACTTG
CCTGAAAGCTGCACCTGGCCAATCTGCTGAGTGTCCACCGGACAGCTTCCAGAGGAATGGACATCCATGCC
AAAACAAACAGGGTTACTGCTACAATCGGAAATGCCCATCATGACAAACAGTGTATGCTCTAGGGGG
GCCAGGTGTAAATGTGTCCCGATGGATGTTTTAAGTTCACCCAGGATGGCCAAGATTGTGGCTTCTGC
AGAATGAAAAATGGTGAATGATTCCTGTGTGCAGCAAAGGATGTAAGTGTGGCAAGATATTCTGCAAAG
AGGGAAACGATACATGCATCTGCTATGGTTACCAGGTGACCCAGATAGAGGAATGGTTGAACCTGGAAC
AAAATGTGGAAATGGAAGGTGTGCATCAACAGGCAGTGTGTTGATGTGCAGACAGCCTACTGA

>GAHG01000043 Hoplocephalus bungaroides SVMP-Hop-65 mRNA sequence
ATGTACAGGAATTACAACAGCAGCAACATGCTATAAAAAGAAAAGTATATGAAATAGTCAACCATTAA
ACATGATGTACAGACCTTTGAATTTTCTCATTTGCACCTGATTGGCTAGAAAATTGGTCCAACCGAGATAA
GATTAACATTGAACAGAGATGGCTGTCACTTTGAAATCATTGGAAGAACGGAGAGAAACAGTTTTACTG
CCACGCAAAAGGAATGATAATGCTCAGTTACTTACGGGCATTGAGTTCAGCGGAACCTACTGTAGGACTTG
GTTACGTGGGCACCTCTGTCAGTCCGGAGGAATCTGTAGCAGTTATTGAGGTTTATAGCAGAAGAACAG
TATAATGGCATCTGAATGGCCCATGAGTTGGGTCTAATCTGGGCATTAGTCATGACAAACGCTTCTCTGT
AATTGCAATGCTGGACCATGCATTATGTCTGCGATAATAAGTTTGAACCTCTCTGTAGTTCAGCTCTT
TAGTATCCAGGAACATCAGAGGATCTTCTTAGAGACAGACCAATGTCATTCTCAACAAACCTTGAG
CACAGATATTGTTACACCTCCAGTTTGTGGAATTACTTAGTGGAGGTGGGAGAAGAATGTGACTGTGGT
TCTCTGAGGATTGTCAAAGTGCCTGCTGCAATGCTACAACCTGTAACTGCAACATGAGGCACAGTGTG
ACTCCGAGAGTGTGTTGTGAGCAATGCAAA

>GAHG01000044 Hoplocephalus bungaroides VEGF-Hop-4 mRNA sequence
ATGGTCATAGCGTAATGTCCATGTTGTGCTACACTCTGATTATTGCATTTCTGATTGGCATATGGGCAG
CACCAAAATCTGAAGATAATGTCCCTCTGGGCTCCCTGCAACATCTGACCTTCTGACACCAGCTGTGC
TCAAACCTCATGAGGGTCTGAAACATCTCGAAATACAGATCAGCACCATCCTGCTCCTAAGAAGGCAGAG
GATCAAGAACTTGGATCAGCAGCCAAATCATTTGTGGATCCCAAGCTTTTTCAGAAGAGGCGTTTCCAGT
CACCTCGTGTCTGTTTCACTCTCAGCCCCACCGTTGTCAAGAGATGAGCAAAGTGTGGAGTTCCTGGA
CAATGAAGACGCTCTTAACAGGAATATCCGGGCCAAACGTGAAAATCATCTGTGCATAACAGAGGGGAA
CATTTAGTGTGTGACAGTATGATGTTCTGGGTACCAACAAACCAAGCAACGGACATCAAGGGCAATA
TGGTGAATGATGATGGTGGATGTAATCTTAATAATGAAGTCTACAAGCAGTACTTTTTTGAACCAAGTG
CAGAAATCCAAATCCAGTACCGAGTGGGTGCAGGGGCAGTATTCCAGGCATTGGAATTCTTATTGCACC
ACAACACAGACATTTGTTCAGGGCATTAACCATGGAAGGCAATCGGGCATCTTGGCGCTTCATTCCGATTG
ACACTGCCTGTGTGTGCGTAATCATTAGAAAACTGACAACTTCTGA

>GAHG01000045 Hoplocephalus bungaroides VEGF-Hop-5 mRNA sequence
ATGATGCATAGCGTAATGTCCATGTTGTGCTACACTCTGATTATTGCATTTCTGATTGGCATATGGGCAG
CACCAAAATCTGAGGATAATGTCCCTCTGGGCTCCCTGCAACATCTGACCTTCTGACACCAGCTGTGC
TCAAAATTCAGAGGGTCTGAAAACATCTCGAAATACAGATCAGCGCCATCTGCTCCTTAAGAAGGCAGAG
GATCAAGAACTTGGATCAGCAGCCAAATCATTTGTGGATCCCAAGCTTTTTCAGAAGAGGCGTTTCCAGT
CACCCCGTGTCTGTTTCACTCAGCCCCACCGTTGTCAAGAGATGAGCAAAGTGTGGAGTTCCTCGA
CAATGAAGACGCTCTTAACAGGAATATCCGGGCCAAACGTGAAAATCATCTGTGCATAACCAAGGGGAA
CATTCTGTGTGTGACAGTGTCACTGAGTGGGTATCAAAACCAAGCAACGGACATCCACGGCAATATGG
TGACTGTGATGGAGGACATAACTCTTAATAATGAGGTCTACAAGCAGTACTTTTTTGAACCAAGTGCAG
AAATCCAAATCCAAATCCACTACAGAGTGTGAGTGCAGGGGCATTGATTCCGGGCTTTGGAATTCTTATTGC
ACCAGAACACAGACATTTGTCAAGGCATTAAACCATGTTAGGCAATCAGGCATCTTGGCGCTTCATTTCGTA
TTGACACTGCCTGTGTGTGCGTAATCATTAGAAAACTGACAACTTCTGA

>GAHG01000046 Hoplocephalus bungaroides VEGF-Hop-6 mRNA sequence
ATGATGCATAGTGAATGTCCATGTTGTGCTACACTCTGATTATTGCATTTCTGATTGGCATATGGGCAG
CACCAAAATCTGAGGATAATGTCCCTCTGGGCTCCCTGCAACATCTGACCTTCTGACACCAGCTGTGC
TCAAACCTCATGAGGGTCTGAAAACATCTCGAAATACAGATCAGCGCCATCTGCTCCTAAGAAGGCAGAG
GATCAAGAACTTGGATCAGTAGCAACATCATTTGTGGATCCCAAGCTTTTTCAGAAGAGGCGTTTCCAGT
CACCTCGTGTCTTTTTCAGCACTCAGCCCCACCGTTGTCAAGAGATGAGCAAAGTGTGGAGTTCCTCGA
CAATGAAGACGCTCTTAACAGGAATATCCGGGCCAAACGTGAAAATCATCTGTGCATAACCAAGGGGAA
CATTCTGTGTGTGACAGTGTCACTGAGTGGGTATCAAAACCAAGCAACGGACATCCACGGCAATATGG
TGAATGTGATGGAGGACATAAATCTTAATAATGAGGTCTACAAGCAGTACTTTTTTGAACCAAGTGCAG
AAATCCAAATCCAAATCCACTACAGAGTGTGAGTGCAGGGGCATTGATTCCGGGCTTTGGAATTCTTATTGC
ACCAGAACACAGACATTTGTCAAGGCATTAAACCATGTTAGGCAATCAGGCATCTTGGCGCTTCATTTCGTA
TTGACACTGCCTGTGTGTGCGTAATCATTAGAAAACTGACAACTTCTGA

>GAHH00000000.1|GAHH01000000 TSA: *Pseudonaja modesta*, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAHH01000001 *Pseudonaja modesta* 3FTx-Pse-229 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTGGTGATGGTGACAATCGTGTGCCTGGACTTAGGATACACCCCTAACAT
GTTACAAATCTCTGAGTGGTACTGTGTTTGTAAACCAACAGAGACGAAATGCTATCGATATTCTCTTCC
TGCAACTCATGGTAATGCGGTAACCATCAAGGGATGTGGTACTTCTTGCCCTAGTGGAAATCCGCCCTGTG
TGTTGCAGTACGGACCTATGCAACAAGTAG

>GAHH01000002 *Pseudonaja modesta* 3FTx-Pse-243 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCCTAACAT
GTTACAAATCTCTGAGTGGTACTGTGTTTGTAAACCAACAGAGACGAAATGCTATCGATATTCTCTTCC
TGCAACTCATGGTAATGCGGTAACCATCAAGGGATGTGGTACTTCTTGCCCTAGTGGAAATCCGCCCTGTG
TGTTGCAGTACGGACCTATGCAACAAGTAG

>GAHH01000003 *Pseudonaja modesta* 3FTx-Pse-242 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCCTAACAT
GTTACAAATCTCTGAGTGGTACTGTGTTTGTAAACCAACAGAGACGAAATGCTATCGATATTCTCTTCC
TGCAACTCATGGTAATGCGGTAACCATCAAGGGATGTGGTACTTCTTGCCCTACTGGAATCCGCCCTGTG
TGTTGCAGTACGGACCTATGCAACAAGTAG

>GAHH01000004 Pseudonaja modesta 3FTx-Pse-241 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTAGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAATCTCTGAGTGGTACTGTGGTTTGTAAACCACACGAGACGAAATGCTTTCGATATTCTGTTCC
TGCAAGTCATGGTAATGCAATGATCATCAAGGGATGTGGTACTTCTTGCCCTAGTGAATCCGCCCTGTG
TGTTGCAGTACGGACCTATGCAACAAGTAG

>GAHH01000005 Pseudonaja modesta 3FTx-Pse-245 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAATCTCTGAGTGGTACTGTGGTTTGTAAACCACACGAGACGAAATGCTTTCGATATTCTGTTCC
TGCAAGTCATGGTAATGCAATGATCATCAAGGGATGTGGTACTTCTTGCCCTAGTGAATCCGCCCTGTG
TGTTGCAGTACGGACCTATGCAACAAGTAG

>GAHH01000006 Pseudonaja modesta 3FTx-Pse-215 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGTTTCTGAGGGGTACTGTGGTTTGTAAACCACACGAGACGAAATGCTATCGATATTCTGTTCC
TGCAACTCATGGTAATGCGGTAACTTCAGGGGATGTGGTACTTCTTGCCATAGTGAATCCACCCTGTG
TGTTGCAGTACGGACCTATGCAACAAGTAG

>GAHH01000007 Pseudonaja modesta 3FTx-Pse-178 mRNA sequence
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GTTACAAGAGTTTTTCTTATACTGTGGTTTGTAAACCACACGAGACGAAATGCTATCGATATTCTCTTCC
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TGTTGCAGTACGGACCTATGCAACAAGTACTCTACAAGTGGCTAA

>GAHH01000008 Pseudonaja modesta 3FTx-Pse-188 mRNA sequence
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GTTACAAGAGTTTTTCTTATACTGTGGTTTGTAAACCACACGAGACGAAATGCTATCGATATTCTCTTCC
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TGTTGCAGTACGGACCTATGCAACAAGTAG

>GAHH01000009 Pseudonaja modesta 3FTx-Pse-211 mRNA sequence
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GTTACAAGAGTTATCGTGATACTGTGGTTTGTCAACCACACGAGACGAAATGCTATCGATATTCTGTTCC
TGCAACTCATGGTAATGCGGTAACTCAGGGGATGTGGTACTTCTTGCCATAGTGAATCCACCCTGTG
TGTTGCAGTACGGACCTATGCAACAATTAG

>GAHH01000010 Pseudonaja modesta 3FTx-Pse-217 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAAAAT
GTTACGAGAGTTTTTTCATACTGTGGTTTGTAAACCACAGGAGACGAAATGCTATCGATATTCTGTTCC
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TGTTGCAGTACGGACCTGTGCAACCGGTAG

>GAHH01000011 Pseudonaja modesta 3FTx-Pse-271 mRNA sequence
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GTTACGAGAGTTTTTTCATACTGTGGTTTGTAAACCACAGGAGACGAAATGCTATCGATATTCTGTTCC
TGCAAGTCATGGTAATGCGGTAACTCAGGGGATGTGGTACTTCTTGCCCTGGGGGAATCCGCCCTGTG
TGTTGCAGTACGGACCTGTGCAACCGGTAG

>GAHH01000012 Pseudonaja modesta 3FTx-Pse-256 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACGAGAGTTTTTTCATACTGTGGTTTGTAAACCACAGGAGACGAAATGCTATCGATATTCTGTTCC
TGCAAGTCATGGTAATGCGGTAACTCAGGGGATGTGGTACTTCTTGCCCTGGGGGAATCCGCCCTGTG
TGTTGCAGTACGGACCTGTGCAACCGGTAG

>GAHH01000013 Pseudonaja modesta 3FTx-Pse-267 mRNA sequence
ATGAAAACCTCTACTGCTGACCTTAGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACGAGAGTTTTTTCATACTGTGGTTTGTAAACCACAGGAGACGAAATGCTATCGATATTCTGTTCC
TGCAAGTCATGGTAATGCGGTAACTCAGGGGATGTGGTACTTCTTGCCCTGGGGGAATCCGCCCTGTG
TGTTGCAGTACGGACCTGTGCAACCGGTAG

>GAHH01000014 Pseudonaja modesta 3FTx-Pse-268 mRNA sequence
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GTTACGAGAGTTTTTTCATACTGTGGTTTGTAAACCACAGGAGACGAAATGCTATCGATATTCTGTTCC
TGCAAGTCATGGTAATGCGGTAACTCAGGGGATGTGGTACTTCTTGCCCTGGGGGAATCCGCCCTGTG
TGTTGCAGTACGGACCTGTGCAACCGGTAG

>GAHH01000015 Pseudonaja modesta 3FTx-Pse-273 mRNA sequence
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GTTACACGAGTTTTCATGGTACTGTGGTTTGTCAACCACACGAGACGAAATGCTATCGATATATTGCTCC
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TGTTGCAGTACGGACCTGTGCAACTGGTAG

>GAHH01000016 Pseudonaja modesta 3FTx-Pse-179 mRNA sequence
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GTTACAAGGGTTATTATGATACTGTGGTTTGTAAACCAAACGAGACCATTTGCTATGAATATCATATTTC
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TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000017 Pseudonaja modesta 3FTx-Pse-180 mRNA sequence
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GTTACAAGGGTTATCATGATACTGTGGTTTGTAAACCACAGACGACCATTTGCTATGAATATCATATTTC
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TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000018 Pseudonaja modesta 3FTx-Pse-191 mRNA sequence
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GTTACAAGGGTTATCATGATACTGTGGTTTGTAAACCACACGAGACCATTTGCTATGAATATCGTATTTC
TGCAACTCATGGTAATTGATACTCTACAGGGGATGTAGTACTTCTTGCCCTGGGGGAATGCGCTCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000019 Pseudonaja modesta 3FTx-Pse-183 mRNA sequence

ATGAAAACTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
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TGCATTTCATAGTAATGCGATACTCGCCAGAGGATGTAGTACTTCTTGCCCTGGGGGAATCCGCCCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000020 Pseudonaja modesta 3FTx-Pse-196 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGGGTTATCATGGTACTGTGGTTTGTAAACCACACGAGACCATTGCTATCGATATCTTATTCC
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TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000021 Pseudonaja modesta 3FTx-Pse-200 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAAAAT
GTTACAAGAGTTATCATGGTACTGTGGTTTGTAAACCACACGAGACCATTGCTATCGATATGTATTCC
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TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000022 Pseudonaja modesta 3FTx-Pse-263 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGGATTTATCGTACTGTGGTTTGTAAATCACACGAGACCATTGCTATCGATATAATATTCC
TACAAGTCATGGTAATGCGATAACCTACAGGGGATGTAGTGCTTCTTGCCCTGGGGGAATCCGCTCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000023 Pseudonaja modesta 3FTx-Pse-275 mRNA sequence
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GTTACAAGGATTTATCGTACTGTGGTTTGTAAACCACACGAGACCATTGCTATGTATATACTCTTCC
TGCAACTCATGGTAATGTGATAACCTCCATGGGATGTGGTACTTCTTGCCCTGGGGGAATCCGCCCTGTG
TGTTGCAGTAAGGACCTGTGCAACAAGTAG

>GAHH01000024 Pseudonaja modesta 3FTx-Pse-272 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGGATTTATCGTACTGTGGTTTGTAAACCACACGAGACCATTGCTATGAATATACTCTTCC
TGCAACTCATGGTAATGTGATGAACCTCCAGGGGATGTGGTACTTCTTGCCCTGGGGGAATCCGCCCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000025 Pseudonaja modesta 3FTx-Pse-204 mRNA sequence
ATGAAAACTTTGCTGCTGACCTTGGTGGTGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGAGTTTCTGATACATCTGTGGTTTGTAAACCACACGAGACGAAATGCTTTCATATTTCTTTTG
TCCATTTCGAAATCGTGTGATATACGTCAGGGGATGTAGTACTTCTTGCCCTGGGGGAACAAATGCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000026 Pseudonaja modesta 3FTx-Pse-206 mRNA sequence
ATGAAAACTTTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTTGGATACACCCTAACAT
GTTACAAGAGTTTCTGATACATCTGTGGTTTGTAAACCACACGAGACGAAATGCTTTCATATTTCTTTTG
TCCATTTCGAAATCGTGTGATATACGTCAGGGGATGTAGTACTTCTTGCCCTGGGGGAACAAATGCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000027 Pseudonaja modesta 3FTx-Pse-207 mRNA sequence
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GTTACAAGAGTTTCTGATACATCTGTGGTTTGTAAACCACACGAGACGAAATGCTTTCATATTTCTTTTG
TCCATTTCGAAATCGTGTGATATACGTCAGGGGATGTAGTACTTCTTGCCCTGGGGGAACAAATGCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000028 Pseudonaja modesta 3FTx-Pse-239 mRNA sequence
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GTTACAAGTCTCTGAGTGGTACTGTGGTTTGTAAACCACACGAGACGAAATGCTATCGATATTTCTTTTG
TCCATTTCCAATCGTGTGATATACAGAAGGGGATGTGGTACTTCTTGCCCTGGGGGAACAAATCCTGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000029 Pseudonaja modesta 3FTx-Pse-240 mRNA sequence
ATGAAAACTTTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGTCTCTGAGTGGTACTGTGGTTTGTAAACCACACGAGACAAAATGCTATCGATATTTCTTTTG
TCCATTTCCAATCGTGTGATATACAGAAGGGGATGTGGTACTTCTTGCCCTGGGGGAACAAATCCTGTG
TGTTGCAGTACAGACCTGTGCAACAAGTAG

>GAHH01000030 Pseudonaja modesta 3FTx-Pse-288 mRNA sequence
ATGAAAACTTTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGTCTCCGTTTGGTACTGTGGCTTGCAACAAATATGAGACCTTCTGCTATCGATTTACTCATTTG
TCCATTTCCACATCATGTGGTAGTCATCAGGGGATGTATTACTTCTTGCCCTACGCAAAACAAATTATGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000031 Pseudonaja modesta 3FTx-Pse-290 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGTCTCCGTTTGGTACTGTGGCTTGCAACAAATATGAGACCTTCTGCTATCGATTTACTCATTTG
TCCATTTCCACATCATGTGGTAGTCATCAGGGGATGTATTACTTCTTGCCCTACGCAAAACAAATTATGTG
TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000032 Pseudonaja modesta 3FTx-Pse-287 mRNA sequence
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GTTACAAGTCTCCGTTTGGTACTGTGGCTTGCAACAAATATGAGACCTTCTGCTATCGATTTACTCATTTG
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TGTTGCAGTACGGACCTGTGCAACAAGTAG

>GAHH01000033 Pseudonaja modesta 3FTx-Pse-197 mRNA sequence
ATGAAAACTCTACTGCTGACCTTGGTGATGGTGACAATCATGTGCCTGGACTTAGGATACACCCTAACAT
GTTACAAGTCTCCGTTTGGTACTGTGGCTTGCAACAAATATGAGACCTTCTGCTATCGATTTACTCATTTG
TGCAGGTCATGGTAATGTGATAGACCTCTGGGGATGTGCTACTTCTTGCCCTTGGGAAAACCCCCCTGAA
TGTTGCAGTACGGACCTGTGCAACCGGTAG

>GAHH01000034 Pseudonaja modesta 3FTx-Pse-23 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT

GCTACCTGGATTTTAGTGTACCTCACACTTGTGCACCTGGGGAGGAGCTATGCTATACAAGGACTTGGAA
TGATGGCCGTGGAAACGCGAATCGAACGGGGATGTGCTGCTACTTGCCCTATTCCAAAGAACCCCGAGATA
CATGTTACCTGTTGCTCAACAGACAGGTGCAACCCACATCCAAAAGAGAAACCTCGTTGA

>GAHH01000035 Pseudonaja modesta 3FTx-Pse-38 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGATTTTAGTGTACCTCACACTTGTGCACCTGGGGAGGAGCTATGCTATACAAGGACTTGGAA
TGATGGCCGTGGAAACGCGAATCGAACGGGGATGTGCTGCTACTTGCCCTATTCCAAAGAGGCCCGGTATA
CATGTTACCTGTTGCTCAACAGACAGGTGCAACCCACATCCAAAAGAGAAACCTCGTTGA

>GAHH01000036 Pseudonaja modesta 3FTx-Pse-15 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGATTTTAGTGTACCTCACACTTGTGCACCTGGGGAGGAGCTATGCTATACAAGACTTGGAG
TGATGGCCGTGGAAACGCGAATCGAACGGGGATGTGCTGCTACTTGCCCTATTCCAAAGAGGCCCGGTATA
CATGTTACCTGTTGCTCAACAGACAGGTGCAACCCACATCCGAAACAGAAACCTCATTGA

>GAHH01000037 Pseudonaja modesta 3FTx-Pse-24 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGATTTTAGTGTACCTCACACTTGTGCACCTGGGGAGGAGCTATGCTATACAAGACTTGGTA
TGATGGCCGTGGAAACGCGAATCGAACGGGGATGTGCTGCTACTTGCCCTATTCCAAAGAGGCCCGGTATA
CATGTTACCTGTTGCTCAACAGACAGGTGCAACCCACATCCGAAACAGAAACCTCATTGA

>GAHH01000038 Pseudonaja modesta 3FTx-Pse-39 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGATTTTAGTGTACCTCACACTTGTGCACCTGGGGAGGAGCTATGCTATACAGAGACTTGGTA
TGATGGCCGTGGAAACGCGAATCGAACGGGGATGTGCTGCTACTTGCCCTATTCCAAAGAGGCCCGGTATA
CATGTTACCTGTTGCTCAACAGACAGGTGCAACCCACATCCGAAACAGAAACCTCATTGA

>GAHH01000039 Pseudonaja modesta 3FTx-Pse-89 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAGGACAT
GCTACAAAACACCTGCACCTGTTAGACCTGGGCCTTGTCCACCTGGGCAGGAGATATGCTACACAAAGAC
TGTGTGTGATGAGTGGTGTGGTCATCAGAGGAAAGGTAATCGAACTGGGATGTGCTGCTACTTGCCCTACT
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CTCATTGA

>GAHH01000040 Pseudonaja modesta 3FTx-Pse-110 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCATGTGCCTGGACTTAGGATACACCAGGACAT
GCTTGACAAACACCTGGTTTTTTATCTAAGCCTTGTCATCTGGGCAGGAGGTATGCTACACAAAGGCATG
GTGTAATGAGTGGTGTCCAGACAGAGGAAAGCAAGTCGAAATGGGATGTGCTGCTATTTGCCCTTCAGTG
AAGCCCAAAGAGGATATTACCTGTTGCTCAGAAGACAATTGCAACCCACGTCCTATAA

>GAHH01000041 Pseudonaja modesta 3FTx-Pse-99 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAGGACAT
GCTTCAAAAACACCTGTGACCTGTAGATCTGAGCCTTGTCCACCTGGGGAGGACCTATGCTTTACAAGGAC
TTGGAGAGATGCCCATAGTGGAAACAGAGGACCGCGAGTCGATTTGGGATGTGCTGCTACTTGCCCCACT
ACAGATAAGACCGAGATACGTATTTCTGTTGCTCAGAAGACGATTGCAACACATTTCCAAAATGGGAAC
GTCCTAAACCACGTCCTTGA

>GAHH01000042 Pseudonaja modesta 3FTx-Pse-116 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAGGACAT
GCTTCAAAAACACCTGCACCTGTTAGATCTGGGCCTTGTCCACCTGGGGAGGACCTATGCTTTACAAGGAC
TTGGAGAGATGGCCATAGTGGAAACAGAGACCGCGAGTCGATTTGGGATGTGCTGCTACTTGCCCCACT
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GTCCTAAACCACGTCCTCGAGGGAGGCTCTCATCCATCAAGGACCATGCTTGA

>GAHH01000043 Pseudonaja modesta 3FTx-Pse-121 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAGGACAT
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GATAAGACCGGATACATATTTCTGTTGCTCAACAGACGATTGCAACACATTTCCGAAATGGGAACGTC
CTAAATAA

>GAHH01000044 Pseudonaja modesta 3FTx-Pse-93 mRNA sequence
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TTGGAGAGATGGCCATGGTGGAAAGAGGACCGCGAGTCGATTTGGGATGTGCTGCTACTTGCCCCACTACA
GATAAAACCGGGATACATATTTCTGTTGCTCAACAGACGATTGCAACACATTTCCGAAATGGGAACGTC
CTAAATAA

>GAHH01000045 Pseudonaja modesta 3FTx-Pse-105 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCAGGACAT
GCTTCAAAAACACCTGATGTTAGATCTGAGCCTTGTCCACCTGGGGAGGACCTATGCTATACAAGAGTTG
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GAGAAATACCGGTATAGAGATTATCTGTTGCTCAACAGACAATTGCAACCCATTTCCGAAATGGGAACATC
CTAAACCACGTTCTCGAGGGAGGCTCTCATCCATCAAGGACCATCCTTGA

>GAHH01000046 Pseudonaja modesta 3FTx-Pse-78 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCATGTGCCTGGACTTAGGATACACCAGGACAT
GCTTCAAAAACACCTTAGTTAATCTGAGCCTTGTCCACCTGGGCAGGAGGTATGCTACACAAAGACTTG
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>GAHH01000047 Pseudonaja modesta CRiSP-Pse-4 mRNA sequence
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TCCTTCGGCTTGTGACAACGGACTATGCACAAATCCTTGCAAACATAACGATGACTTTTCGAACTGCAAA
ACTTTAGTGCAACAACATATAATGCCAGAGTGAATGGATCAAGTCAAAATGCCCTGCTACTTGCCTCTGCC
ACACTGAAATAATATAG

>GAHH01000048 Pseudonaja modesta CRiSP-Pse-11 mRNA sequence
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TCCTTCGGCTTGTGACAACGGACTATGCACAAATCCTTGCAAACATAACGATGACTTTATCGAACTGCAAA
ACTTTAGTGAAAAACATATAATGCCAGACTGAATGGATCAAGTCAAAATGCCCTGCTACTTGCCTCTGCC
GCAC TGAAATAATATAG

>GAHH01000049 Pseudonaja modesta CRiSP-Pse-17 mRNA sequence
ATGATTGCCTTCATTGTCTTGCTGAGTCTTGCTGCAGTGTCTGCAACAGTCTTCTGGAAGTGTGATTTTG
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AGTGAAACCAACTGCTAGGAAACATGTTACAAATGAAATGGAATTCTCTTGCTGCTCAAAATGCAAAACGT
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ACTTTAGTGCAACAACATATAATGCCAGAGTGAATGGATCAAGTCAAAATGCCCTGCTACTTGCCTCTGCC
ACACTGAAATAATATAG

>GAHH01000050 Pseudonaja modesta KP-Pse-5 mRNA sequence
ATGTCTTCTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAGGTGCTGACCCCGTCTCCA
GCAAGGACCGTCCAAATTTCTGTGAAGTGCCTGCTGAAACCGGACGATGTAATGCCCATATCACACGCTT
CTACTACAACCCACGTCAACATCAATGCATAAAGTTTCTTTATGGTGGATGCGGAGGGAATGCTAACAAAT
TTTAAGACCATTAAAGGAATGCAAAAGCACCTGTATTGCTGA

>GAHH01000051 Pseudonaja modesta KP-Pse-7 mRNA sequence
ATGTCTTCTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGGAAGTGCTGACCCCGTCTCCA
GCAAGGACCGTCCAAATTTCTGTGAAGTGCCTGCTGAAACCGGACTATGTAATGCCCATATAACACACGCTT
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TTTAAGACCATTAGAGGAATGCAAAAGCACCTGTATTGCTGA

>GAHH01000052 Pseudonaja modesta LP-Pse-1 mRNA sequence
ATGGGGCGATTCTCTTGGTGACCTCAGCTTGCTGGTCGGGGCTTTCTCCCTAAATGGAGCCAACAGCT
GCTGTTGTCCCCAAGATTGGCTCCCCATGAATGGGTTTGTGTACAAGGTCTTCAATGATCCCCAAGAACTG
GGACGACGCTGAGATGTTCTGTCAGGAAATTAAGCCAGGTTGCCACCTCGCATCCATCCATAGTAATGCA
GATGCCAGTTGAGCTTTCTGAATACATCACCGACTATCTCATAGGTCATGACCACGTCTGGATCGGACTGC
GGGATACAAACAAGAAAGTACATGTGGGAGTGGACAGACAGATCTAGAAGTGAATTCCTGCTCTGGAGGAA
AGATCAGCCCCGATCATTCACATAAATGAGTTCTGTGTCGAGATTGTGAGCTTTACAGGGTATCGCGAG
TGAATGACGACAGCTGCACAGCCTTGGCTCCTTTTCTGTGCCAGTGCAAACTAG

>GAHH01000053 Pseudonaja modesta LP-Pse-2 mRNA sequence
ATGGGGCGATTCTCTTGGTGACCTCAGCTTGCTGGTCGGGGCTTTCTTCCCTAAATGAAGCCAACAGCT
GCTGTTGCCCCAAGATTGGCTCCCCATGAATGGGTTTGTGTACAAGGTCTTCAATGACCACAAGAACTG
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GATGCCAGTTGAGCTTTCTGAATACATCACCGACTATCTCATAGGTCATGACCACGTCTGGATCGGACTGC
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AGATCAGCCCCGATCATTCACATAAATGAGTTCTGTGTCGAGATTGTGAGCTTTACAGGGTATCGCGAG
TGAATGACGACAGCTGCACAGCCTTGGCTCCTTTTCTGTGCCAGTGCAAACTAG

>GAHH01000054 Pseudonaja modesta LP-Pse-3 mRNA sequence
ATGGGGCGATTCTCTTGGTGACCTCAGCTTGCTGGTCGGGGCTTTCTTCCCTAAATGGAGCCAACAGCT
GCTGTTGTCCCCAAGATTGGCTCCCCATGAATGGGTTTGTGTACAAGGTCTTCAATGACCACAAGAACTG
GGACGACGCTGAGATGTTCTGTCAGGAAATTAAGCCAGGTTGCCACCTCGCTCCATCCATAGTAATGCA
GACTCAGCTGACTTGGCTGAATACGTCTCCGACTATCTCATAGGTCATGACCACGTCTGGATCGGACTGC
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AGATCAGCCCCGATCATTTAAAAACAATGAGTTCTGTGTCGAGATTGTGAGCTTTACAGGGTATCGCGAG
TGAATGACGACAGCTGCACAGCCTTGGCTCCTTTTCTGTGCCAGTGCAAACTAG

>GAHH01000055 Pseudonaja modesta LP-Pse-5 mRNA sequence
ATGGGGCGATTCTCTTGGTGACCTCAGCTTGCTGGTCGGGGCTTTCTCCCTAAATKGAGCCAACAGCT
GCTGTTGTCCCCAAGATTGGCTCCCCATGAATGGGTTTGTGTACAAGGTCTTCAATGACCACAAGAACTG
GAACGATTCTGAGATGTTCTGTCAGGAAATTAAGCCAGGTTGCCACCTCGCATCCATCCATAGTAATGCA
GATGCAGTTGAGCTTTCTGAATACATCACCGACTATCTCATAGGTCATGACCACGTCTGGATCGGACTGC
GGGATACAAACAAGAAAGTACATGTGGGAGTGGACAGACAGATCTAGAAGTGAATTCCTGCTCTGGAGGAA
AGATCAGCCCCGATCATTTCACTAACAAATGAGTTCTGTGTTGAGATTGTGAGCTTTACAGGGTATCGCGAG
TGAATGACGACAGCTGCACAGCCTTGGCTCCTTTTCTGTGCCAGTGCAAACTAG

>GAHH01000056 Pseudonaja modesta LP-Pse-6 mRNA sequence
ATGGGGCGATTCTCTTGGTGACCTCAGCTTGCTGGTCGGGGCTTTCTCCCTATGCGGAGCCACCAGCT
CCTGTTGTCCCCAAGATTGGCTCCCCAGGAATGGGCTTTGTGTACAAGGTCTTCAATGACCACAAGAACTG
GAACGACGCTGAGATGTTCTGTCAGGAAATTAAGCCAGGTTGCCACCTCGCTCCATCCATAGTAATGCA
GACTCAGCTGACTTGGCCGAATACGTCTCCGACTATCTCATAGGTCATGACCACGTCTGGATCGGACTGC
GGGATACAAAGAAGAAAGTACATCTGGGAGTGGACAGACAGATCTAGAAGTGAATTCCTGCTCTGGAGGAA
AGATCAGCCCCGATCATTTATAAAAACAATGAATTCCTGTGTCGAGATTGTGAGCTTTACAGGGTATCGCGAG
TGAATGACGACAGCTGCACAGCCTTGGCTCCTTTTCTGTGCCAGTGCAAACTAG

>GAHH01000057 Pseudonaja modesta LP-Pse-7 mRNA sequence
ATGGGGCGATTCTCTTTGCGAGCCTCGGCTTGCTGGTCCTGGCTTTCTCCCTCAGTGAATTAGAGCCA
ATCGCTATTGTCCCTTTGATTGGTTCTCCTACAATATGTCTTGCTACAAGCTCTTCTACTCTCCGATGTC
CTGGGACCAAGCACAGAGGTTCTGTGTGGAACAGCAGGAAAACCTCCAACTCGCTCCATCAACGACGTG

GCAGAGTCGGTGAAGTTGTCCAACCTACATCTCCCAAAGATTGACATTCCCTTGATGTTTGGATGGGACTGA
GGCTTTTCCAAGAGAAAAGGCATCTGGGAGTGGAGTGATGGCTCCAACCTCACTCACACATCCTGGAAAAGA
AGGTGAACCCAAACACCTTTTCAACAAGGAATTCTGTGCTGTGCTGTGCTGAGCCGGAACACGGTATCTCCAA
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GCTAA

>GAHH01000058 Pseudonaja modesta LP-Pse-9 mRNA sequence
ATGGGGCGATTCTCTTGGTGAGCCTGAGCTTGCTGGTTGTGGCTTTTTCCTTAAATGGAATTGGAGCTG
ACCATCATTGCCCCGTGCGACTGGACCTCCCAGGGGGAGTTTGTCTACAAGTTGATCAGAGAATTGAAGAC
CTGGGAAGACGCCGAGGCATCCTGCGTGCAACGTGAGAACAGCAGCCACCTGGCCTCCATCCACAACCCA
GAAGAGTCCGGTTACATCCAACCGGTGATCTTCAGGAGTATTGTCTACAGTAATGTCTGGATTGGACTGA
ATGATCCAGGGAAAAATCGCATGTGGGAATGGAGTGATGGCTCCAATGTGGATTATACGTCTGGAAACG
ATCGGAACCCGGCAACGTGATRGTTGGGAGTACTGCGTTGAGGTGACCGCTATCACAGGTATTATAGA
TGGCAAGCTGACAAGTGTGAATCCAAGAATTTTTCGTCTGCAAGATGTAG

>GAHH01000059 Pseudonaja modesta NP-Pse-1 mRNA sequence
ATGGTCGGCCTCTCCCGTCTGGCGGGCGGCGGGCTGCTGCTGCTGGCCTGCTGCCTCTCGCCCTCGACG
GGAAGCCGGCGCCGCTGCCTCAGGCGTGCCTGAGGCTCCGCGGGCGGGCTGATGGCATCGGTGACGGA
GGAGCAGCAGCGGCTGCCGTTGGCGGCGGAGGAGTCCCCGATCCAGCGGCTGGGCGCAGCGGCTCCAAA
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GCAATTGGCCAAACAAAACCGCCGAATCCGACACCTGCCGGATCCTAA

>GAHH01000060 Pseudonaja modesta NP-Pse-2 mRNA sequence
ATGGGCGGCCTCTCCCGTCTGGCAGGCGGCGGGCTGCTGCTGCTGCTGCTGGCCTGCTGCCTGTGCGCC
TCGACGGGAAGCCGGCGCCGCTGCCTCAGGCGCTGCCGAGGCTCCGGAGGGCAGCGTGATGGCGTCGCG
CAGAGCTGACGGAGGAGCAGCAGCAGCTGCCGGCAGAGGTGTCTTCGGGTACGCGGCTGGGCGCAGC
GGCTCTAAGATAGGGAACGTTGCTTCGGCGTCCGGCTCGACCGCATCAGCAACACGAGTGGCATGGGCT
GCAGAAACCCCATCCAAAACCGCCGAAATCGACACCTGGCGGATCCTAA

>GAHH01000061 Pseudonaja modesta NP-Pse-3 mRNA sequence
ATGGTCGGCCTCTCCCGTCTGGCGGGCGGCGGGCTGCTGCTGCTGCTGCTGGCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGGCGCCGCTGCCTCAGGCGCTGCCGAGGCTCCGGCGGGCGGGCTGATGGCATCGGT
GACGGAGGAGCAGCAGCGGCTGCCGTTGTCGGCGGAGGAGTCCCCGATCCAGCGGCTGGGCGCAGCGGC
TCCAAAGTGGCCAAGCTGGGCAGCGGTTGCTTTGGCAACCGGCTCGACCACATCGGCACCCGAGTGGCA
TGGGCTCGCAATTGGCCAAACAAAACCGCCGAATCCGACACCTGCCGGATCCTAA

>GAHH01000062 Pseudonaja modesta NP-Pse-5 mRNA sequence
ATGGTCGGCCTCTCCCGTCTGGCGGGCGGCGGGCTGCTGCTGCTGCTGCTGCTGGCCTGCTGCCTCTCG
CCCTCGACGGGAAGCCGGCGCCGCTGCCTCAGGCGCTGCCGAGGCTCCGGCGGGCAGCGTGATGGCATC
GGTGACGGAGGAGCAGCAGCGGCTGCTGGTGGCGGCGGAGGAGTCCCCGATCCAGCGGCTGGGCGCAGC
GGCTCCAAAGTGGCCAAAGCTGGGCAGCGGTTGCTTCGGCAACCGGCTCGACCACATCGGCACCTCGAGTG
GCATGGGCTGCAATTGGCCAAACAAAACCGCCGAATCCGACACCTGCCGGATCCTAA

>GAHH01000063 Pseudonaja modesta NP-Pse-6 mRNA sequence
ATGGTCGGCCTCTCCCGTCTGGCAAGGGCGGGCTGCTGCTGCTGCTGCTGGCCTGCTGCCTCTCGCCC
TCAACGGGAAGCCGGCGCCGCTGCCTCAGGCGCTGCCGAGGCTCCGGAGGGCAGCGTGATGGCGTCGCG
CAGGAGCTGACGGAGGAGCAGCAGCAGCTGCCGGCAGAGGTGTCTTCGGGTACGCGGCTGGGCGCAGC
GGCTCTAAGATAGGGAACGTTGCTTCGGCGTCCGGCTCGACCGCATCAGCAACACGAGTGGCATGGGCT
GCAATTGGCCAAACAAAACCGCCGAATCCGACACCTGCCGGATCCTAA

>GAHH01000064 Pseudonaja modesta NGF-Pse-1 mRNA sequence
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CACCAAAATCTGAAGATATGTTCCCTCTGGGCTCCCTGCAACACTGACCTTTCTGACACCAGCTGTGC
TCAAACCTCACAGGCTCTGAAACATCTCGAAATACAGATCAGCGCCATCCTGCTCTTAAAGAGGCAGAA
GATCAAGAACTTGGATCAGCAGCCACATATTGTGGATCCCAAGCTTTTTCAGAAGAGGCGTTTCCAGT
CACCTCGTGTCTGTTTCAGCACTCAGCCCCACCATTTGTCAAGAGATGAGCAAAAGTGTGGAGTTTCTTGA
CAATGAAGACGCTCTTAACAGGAATTTCCGGGCCAAACGTGAAACTCATCTGTGCATAACCAAGGGGAA
TATTTCTGTGTGTGACAGTATGATGTCTGGGTTGGCAACAAAACCAAAGCAATAGACATCAAAGACAAAC
CGTTGACTGTGATGGTGCTAGGTTCAAAATCTTAATAACCATGTCTTCAAGCAGTACTTTTTCGAAACCAAGTG
CAGAAATCCAAATCCAGTACCAAGTGGGTGACGGGGCATTGATTCCAGGCATTGGAATTCTTATTGCACC
ACAACACAGACATATGTCAGGCATTAAACATGGAAGGCAATCAGGCATCTTGGCGCTTCATTGCGATTG
ACGCTGCTGTGTGTGCTAATCAGTAGAAAACTGACAACTTCTGATGGGCCATTGATTGCTCCAATACT
CACTTTC

>GAHH01000065 Pseudonaja modesta PLA2-Pse-2 mRNA sequence
ATGCATCCTGCTACCTTCTGGTCTGTTGGGAGTTTGTGTCTCCCTCTTAGGAGCCGCCAGAATTCCTC
CGCTGCCTCTCGACCTCATAGATTCTTCCAACCTGATTACATGTGCTAACCCTGGCAGTCGAAGTTGGTT
GGATTATGCGCACTACGGTTGCTTCTGCGGCTCAGGAGGTAGCGGGACACCGGTAGACGACTTGGATAGG
TGCTGCCAGGTTTCATGACAACTGTTATGGTGACGCCGAAAAAATTCTGTCATGTAATTACAGTTTCAGTA
GCCCTACTGGAACCCCTATTATACAAATGTAATGAAGGCGAAATCACCTGCACAGATGACAAGGATGA
GTGTAAAGCCTTTATTGTAAATTGCGACCCGACAGCAGCCATCTGTTTCGCCAGAGCCACTTACAAGGAC
GAAACCTTCATGATCTCCACCAAGAAAAATAATATTTGCCAATGATATTGA

>GAHH01000066 Pseudonaja modesta PLA2-Pse-3 mRNA sequence
ATGCATCCTGCTACCTTCTGGTCTGTTGGGAGTTTGTGTCTCCCTCTTAGGAGCCGCCAGAATTCCTC
CGCTGCCTCTCGACCTCATAGATTCTTCCAACCTGATTACATGTGCTAACCCTGGCAGTCGAAGTTGGTT
GGATTATGCGCACTACGGTTGCTTCTGCGGCTCAGGAGGTAGCGGGACACCGGTAGACGACTTGGATAGG
TGCTGCCAGGTTTCATGACAACTGTTATGGTGACGCCGAAAAAATTCTGTCATGTAATTACAGTTTCAGTA
GCGCCTACTGGAACCCCTATTATACAAATGTAATGAAGGCGAAATCACCTGCACAGATGACAAGGATGA
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GAAACCTTCATGATCTCCACCAAGAAAAATAATATTTGCCAATGA

>GAHH01000067 Pseudonaja modesta PLA2-Pse-4 mRNA sequence
ATGCATCCTGCTACCTTCTGGTCTGTTGGGAGTTTGTGTCTCCCTCTTAGGAGCCGCCAGAATTCCTC
CGCTGCCTCTCGACCTCATAGATTCTTCCAACCTGATTACATGTGCTAACCCTGGCAGTCGAAGTTGGTT
GGATTATGCGCACTACGGTTGCTTCTGCGGCTCAGGAGGTAGCGGGACACCGGTAGACGACTTGGATAGG
TGCTGCCAGGTTTCATGACAACTGTTATGGTGACGCCGAAAAAATTCTGTCATGTAATTACAGTTTCAGTA
GCGCCTACTGGAACCCCTATTATACAAATGTAATGAAGGCGAAATCACCTGCACAGATGACAAGGATGA
GTGTAAAGCCTTTATTGTAAATTGCGACCCGACAGCAGCCATCTGTTTCGCCAGAGCCACTTACAAGGAC
GAAACCTTCATGATCTCCACCAAGAAAAATAATATTTGCCAATGA

>GAHH01000068 Pseudonaja modesta PLA2-Pse-5 mRNA sequence
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CGCTGCCTCTCGACCTCATAGATTTCTCCAACCTGATTACATGTGCTAACCCTGGCAGTCGAAAGTTGGTT
GGATTATGCGCACTACGGTTGCTTCTGCGGCTCAGGAGGTAGCGGGACACCGGTAGACGACTTGGATAGG
TGCTGCCAGGTTTCATGACAACTGTTATGGTGGTACGCGGAAAAAATTCCTGCATGTAATTACCAAGTTTCAGTA
GCGCCTTACTGGAACCCCTATTATACAAATGTAATGAAGGCGAAATCACCTGCACAGATGACAAGGATGA
GTGTAAGCCCTTTATTTGTAATTGCGACCGCACAGCAGCCATCTGTTTCGCCAGAGCCACTTACAAGGAC
GAAACCTTCATGATCTCCACCAAGAAAAATAATTTGCCAATGATATTGA

>GAHH01000069 Pseudonaja modesta PLA2-Pse-8 mRNA sequence
ATGAATCCTGCTCACCTTCTGGTCTCTGTTGGGAGTTTGTGTCTCCCTCTTAGGAGCCGCCAGAATTCCTC
CGCTGCCTCTCAGCCTCGTAGAATTCAGAAGCTTGATTAAATGTGCCAACCATACAGTCGAAATGTGTA
CGATTATGTGGACTACGGTTGCTACTGTGGCAAAGGAGGTAGCGGGACACCGGTAGACGAGTTGGACAGG
TGCTGCCAGGTCATGACTGCTAGTGAAGGAAATGACGAAAAAATTCCTGCATGTAATTACTGGTTTCAGTG
GCGCCTTACTACAACTCCTATTATACAAATGTAATGAAGGCGAAATCACCTGCACAGATGACAACGATGA
GTGTCAAGCCCTTTATTTGTAATTGCGACCGCACAGCAGCCATCTGTTTCGCCAGAGCCCTTATGACAAG
GACAACCTGGAATATCAACACCGAGACAGATTGCTAA

>GAHH01000070 Pseudonaja modesta SVMP-Pse-2 mRNA sequence
ATGGTTGCAGACAATTTAGTTTACAGGAAGTACAGCGGCAACATCACTGATGTAAGGATGAGAATATTTG
AAATTCCTCAACTATGTAAATTTGTATTAYAAAGTTTCAATATTCATGTAATTGATGGCTTAGAAGT
TTGGTCTGATGAAGATAAGATTCTGATCAATGGATCATCAGAACCCACTGTGAAATCCTTTGCAGCATGG
AGACATTCAGATCTACTGTAAGCGCAAAAGGAATGACAATGCTCAGTTACTACGGGTATTCACTTCGATG
AAGGAGTCTTAGGAGTAGCTTTCATAGGCGCATGTGCAATAATTTACATCTGTAGGAGTTATTCAGGA
TAACAGCATCCAGGCAGTTTTAATTGCAGCTGT

>GAHH01000071 Pseudonaja modesta SVMP-Pse-4 mRNA sequence
ATGGACAGCTTCCAGAGGAATGGACATCCATGCCAAAAACAACCAAGTTACTGCTACAATGGGAAATGCC
CCATCATGACAAACCAATGTATCGATCTAGGGGGGCCAGGTGTAATGTGTCTCCAGATATATGTTTTAC
ATTGAACCAAGTATAGCCAAAGTTGTGGCTTCTGCAGAATGGAAAATGGTACAAAGATTCCGCTGTGCAGCA
AAGAATAAAATGTGTGGCAAGTTAATATGCGAAAAGGGAACTCGACATGCACCTGCTTTTCTGCAACAG
ATGACCCAGATTATGGAATGGTTGAACCTGGAACAAAATGTGGAGATGGAATGGTGTGCATCAACAGGCA
GTGTGTTGATGTTTCAGACAGCCTACTGA

>GAHH01000072 Pseudonaja modesta SVMP-Pse-3 mRNA sequence
ATGTACAAGAATTATGACAGCAACAGACATGCTATAAAAAAGAAAAGTATATGAAACAATCAACCTTTTAA
ACATGATGTACAGACCTTTGAATTTTCTCATTGCCTGATTGGCCTAGAAAATTTGGTCCAACCGAGATAA
GATTAACATTGAACCAAGGTGGCTGCTGACTTTGAAATCTTGGAAAATGGAGAGAAAACAGTTTACTG
CCACGCAAAAGGAATGATAATGCTCAGTTACTTACGCAAGATTGAGTTTAAACGGAACCTACTGTAGGACTTG
CTTATGTGGGCAGCATCTGCAGTCCGAAGGAATCTGTAGCAGTTATAGAGGTTTATAGCAGAAGAACAGA
TATAATTTGCATCTGAAATGGCCCATGAGTTGGGTCAATACTGGGCATTACTCATGACCACGCTTCCTGT
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GTAGTATCCAGGAACATCAGAGGTATCTTCTTAGAGAGAGACCACAATGCATTCTCAACAGACCCCTTGAG
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TTTCCTGTGGATTGTCAAAGTGCCTGCTGCAACGCTACAACCTGTAAACTGCAACATGAGGCACAGTGTG
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CTGTGACTTTGCTGAAATCTGCAGTGGCCAACTGCGCAGTGTCCCATGGACAGCTTCCAGAGGAATGGA
CATCCATGCCAAAACAAACCAAGGTACTGCTACAATGGGAAATGCCCATCATGACAAACCAATGTATCG
ATCTAGGGGGGCCAGGTGTAATGTGTCTCCAGATATATGTTTTACATTGAACCAGTATAGCCAAGGTTG
TGGCTTCTGCAGAATGGAATGGTACAAAGATTCCGTGTGCAGCAAAGAAATAAAATGTGTGGCAAGTTA
ATATGCGAAAATGGATGGTTCGAGTATAAGAATAATAAGAAATATTTTAGGGTCTCCACTGTGGGAATATG
ATTCGGTCACTCTGGCTAAAACAG

>GAHH01000073 Pseudonaja modesta VEGF-Pse-3 mRNA sequence
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TGCAGGCTGCTCCTGCCCAAGGAGGTGGAGAGAAGCAACAGATGAAGTTATCCCATTTATGACGGTCTT
TGAGCGGAGTGCTGCAAGGCCATTGAGACCATGGTAGATATTTACCAGGAGTATCCTGATGAGGTGGAA
TATCATGTTCAAACCATCCTGTGTGCTCCTGATGAAATGTGGAGGATTCTGTAATGACGAAGCGCTAGAAT
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ACAACTGATGAGCTTCCAGCAGCACAGTAAATGTCAATGCAGACAAAGAAACCAATGAGAATTAAACAA
GAAAATCACTGTGAACCTTGCTCAGAAAGGAGAAAGCACTTGTACAAAAGATCCCTTGACCTGTAAT
GTTCTGTCAAATTCAGACACTGACGTTGCAAGTCAAGCAGCTTGAGTTAAACGAGGCACACTTGCAGATG
TGACAAACCAAGGCGGTGA

>GAHI00000000.1|GAHI01000000 TSA: Suta fasciata, transcriptome shotgun assembly, transcriptome shotgun assembly

>GAHI01000001 Suta fasciata 3FTx-Sut-45 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGGACCTAATAACCTCAGACTTGTCACCTGGGGAGAAGCTATGCTTTACAAAGGCTTGGTG
TGATGCTTGGTGTGGCATCAGAGGAAAGCGAATGGAATTTGGATGTGCTGCTACTTGCCTACAGGGAAG
CCCGGTGTGGATATTACCTGTTGCTCAACAGACAAGTGCAACCCACATCCGAAACAGCAAAGTCGTTAA

>GAHI01000002 Suta fasciata 3FTx-Sut-50 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGGACCTAATAACCTCAGACTTGTCACCTGGGGAGGAGCTATGCTTTACAAAGGCTTGGTG
TGATGCTTGGTGTGGCATCAGAGGAAAGCGAATGGAATTTGGATGTGCTGCTACTTGCCTACAGGGAAG
CCCGGTGTGGATATTACCTGTTGCTCAACAGACAAGTGCAACCCACATCCGAAACAGCAAAGTCGTTAA

>GAHI01000003 Suta fasciata 3FTx-Sut-59 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGGACCTAATAACCTCAGACTTGTCACCTGGGGAGAAGCTATGCTTTACAAAGGCTTGGTG
TGATGCTTGGTGTGGCATCAGAGGAAAGCGAATGGAATTTGGATGTGCTGCTACTTGCCTACAGGGAAG
CCCGGTGTGGATATTACCTGTTGCTCAACAGACAAGTGCAACCCACATCCGAAACAGCAAAGTCGTTGA

>GAHI01000004 Suta fasciata 3FTx-Sut-134 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCTTGATAT
GCTACCTGGGACCTAATAACCTCAGACTTGTCACCTGGGGAGAAGCTATGCTTTACAAAGGCTTGGTG

TGATGCTTGGTGTGGCATCAGAGGAAAGCGAATGGAATTTGGATGTGCTGCTACTTGGCCCTACAGGGAAG
CCCGGTGTGGATATTACCTGTTGCTCAACAGACAAGTGCAACCCACACTACCGAAACAGACAAAGTCGTT
AA

>GAHI01000005 Suta fasciata ACN-Sut-1 mRNA sequence
ATGCCCTCCTGCCAGCTGGCAAGATGCCTGCACCGTGGCCTTGGTGCCTCCAGCTGGTCCTTGCATCC
TGTCTCCTAGCAGTCTTGCCTGGCCGGGCAAGCGAGCTGAAAGTGTCCACGCAGATGGGCTGGGTGCG
TGGCCTTGAGCCTGCGGTTCTCGACGGTCAAGTCTCGGCCTTCTGGGTGTCCCTTTGCGGAGCCTCCC
GTGGGCGAGGATGCGCTTCTGCGCCCTGAGCCCGTCAAGCCCTGGCAGCACGTCTTGACGCCACTTCTCT
ACCAGCGCCCTGTTACCAGATGGTGGACACCAGCTACCCAGGCTTCCAGGGCACGGAGATGTGGAACCC
CAACTGGGGCATGAGCGAGGACTGCCTCTACAACTCAACATCTGGGTGCCCTCCCCGCGCCCCAGAGACGTC
CCCGTCTGCTGATCTACGAGGGGGCTTCTACAGTGGCGCTGCCTCCCTGGACGCTCTACGATGGTC
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CGGCGGCCCAACGCACTCGTGGGCGCCGTCACGCTGCGGAAAGCCGCGCGGGCGGCCCTTCTGGGA
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GCCATGACGACATCTGCGGGGACCAACAACGTCATCTGCCCGGTCTGCGAGTTCGCCAATGACTACGCCA
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CCCCAAGAGAAGGAGCTGAGCGCAGGATGATGCGCTACTGGGTCAACTTCGCGCGGACGGGGAACCCCA
TCGACTCTACCGAGAAGAACGGGGCCTGGCCACCTACACCGCCTCCCGGCGCAATATGTCCAGCTCAA
CACCCAGCGCTGGCCACCCACCCAGTCTGCGGGCCAGATCTGCGCCTTCTGGAACCAATTCCCTCCCC
AACTGCTGAACGCCACAG

>GAHI01000006 Suta fasciata CRiSP-Sut-19 mRNA sequence
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AGTGAAACCAACTGCTAGGAAATGTTACAAATGAAATGGAATTTCTCGTGTCTCAAATGCAAAACGT
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ACTGCCCAGCAGGGAACATGGAAGGTTCAATTGCTACTCCATATAAAATCAGGGCCAACTTGTGGGGACTG
TCTTTCGGCTTGTGTCAACGGACTATGCACAAATCCCTGTGAACATAACGATGACTTTCAGAACTGCAAA
GATTTAGCGAAAAGAAAGTAAATGCCAGACTGAATGGATCAAGTCAAAATGCCTTGCTACTTGTCTTGCC
ACACTGAAATAATATAG

>GAHI01000007 Suta fasciata CRiSP-Sut-27 mRNA sequence
ATGATTGCCTTCATTGTCTTGCTCAGTCTTGCTGCAGTGTGCAACAGTCTTCTGGAAGTGTGATTTTG
CTTCTGAGTCAAGTAACCAAAAAGATTACCGAAAGGAGATTGTTGACAAGCACAATGCTTTAAGGAGATC
AGTGAAACCAACTGCTAGGAAATGTTACAAATGAAATGGAATTTCTCGTGTCTCAAATGCAAAACGT
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AAAAATTTGTCTATGCTAGGAGCAAACTCCACAGGTTCTGTATTATGGCCATTATACCCAGGTTAGTTTGG
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TCTTTCGGCTTGTGTCAAGGGCTATGCACAAATCCCTGCAACATAATGATGACTTCTCGAACTGCAAA
GATTTAGCGAAAAGAAAGTAAATGCCAGACTGAATGGATCAAGTCAAAATGCCTTGCTACTTGTCTTGCC
ACAATAAAATAATATAG

>GAHI01000008 Suta fasciata fX-Sut-7 mRNA sequence
ATGGCTCCTCAGCTACTTCTCTGTCTGATCCTCACTTTTCTATGGAGTCTCCAGAGGCTGAAAGTAATG
TATTCTTAAAAAGCAAAAGTGGCAAAATAGATTTTGCAGAAACCAAAACGATCTAATCACTGTTTGAAGG
ATTTAAAGCTGGAACATGAAAGGGAATGCATTGAGGAGAAATGTTCAAAGAAGAAGCCAGGGAGGTA
TTTGAAGATAACGAAAAAATGAGACCTTCTGGAATGTTTATGTAGATGGGGATCAGTGTTCATCAAAAC
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TGACTTTGTGCAGTCCCAAGGCAACTTTGCTGAAAAATCTGATAATCCAAGCCCTGATATCAGAAAT
GTTAATGGAATGGATTGCAAACTGGGTGAATGTCCATGGCAGGCAGTCTGCTAGATGAAAAAGAAAAAG
TGTTTTGTGGAGGAACAATTCAGTCCCATC

>GAHI01000009 Suta fasciata KP-Sut-1 mRNA sequence
ATGCTCTTCTGGAGGTCTTCTTCTCCTGCTGGGACTCCTCACCTCTGGSCAGAGATGASSSYCATCTCTG
GCCAGGACCTCCAAAGATATTGATCTTCTGCTAACCTTGAGCCATGTAGAGCAAGAAATCACTCGCTT
TTACTACAACTCGGATTCAAAACATGTTGAAGAGTTTATTTATGGTGGATGCCACGGCAATGCCAACAT
TTTGAGACCAAGATAAATGTATTACACCTGTGTTGAAAAGCCTGGGGTGTGTCCCAAACCCGGTCCAG
ACGTTGTCACTATTGTCTCGTGAGATGTGAAAGTGAATGCTTGGGAAGGAGAAGTGTCTGCAG
TTACGCATGCCTGCGTGATTGCATGGAGCCTGTCTAA

>GAHI01000010 Suta fasciata KP-Sut-2 mRNA sequence
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GCACGGACCGTCCAGACTTCTGTGAAGTGCCTGATGATCCGGACCATGTAAGGCGAGCTTCGAAGCCTT
CTACTACAACGAGATCAACATAAATGCCTAGAGTTTATTTATGGGGATGCGACGGGAATGCTAACAAAT
TTTAAGACCATAGAGGAATGCGAACACACCTGTGCTGCATGA

>GAHI01000011 Suta fasciata KP-Sut-4 mRNA sequence
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CCAAACAGGACTGCTTCCAGAGCTGTATCAGAGGAGGGGCTGCAGAGGCAACAGTGGTACCTAGCAGGCC
AGCCACTGAAGTGGCTACAGCTAAGATGTGACATCTCCAGAGGCCCTACGAAAACAGGCTTGGCTTCAGA
GAATTCGTGTCTGCGCCCCGGGTGGTAGGTCCCTGCGGGCCTCCTTCTCCGTTGGTACTTCGACCTAG
AGAGCCGATGTGCAAGATGTTCTGTCTATGGGGCTGTCTGGCAACAAGAACAACTATCTCTCGAAGA
GCATGCTGGAGCCAGTGCACAGGTGATGGAGATAACTGAAGAGCCAGGAGATGCAGGCGCCAGCCT

CCCCCTCCCCTCCGAACCCCTTCAGCTTCTCCACCAGAGGTGTGGTCCTTGCTGTCTTCTGGCCATCCTGG
TGACTATCCTGCTGGGCTCGATMGGGGGTTTTCTTTGTTAA

>GAHI01000012 Suta fasciata LP-Sut-3 mRNA sequence
ATGGCGCAGTTTCATCGTTGTGAGCGTCAGCTTGCTGATCGTGGCCCTCTCCTTAACGGGTAACGTAGAGG
CTGATCACCACCTTGTTCTTACGCGGTTGGGCGGTCTACTAATGAGTTTGTCTACATGGTCTACAACAG
ATCCGTGACCTGGAACAATGCCGAGAGATTCTGCCTGCAGCAAGAGACAACTGCCACCTCGCCTCCATC
CATAGCAAGCCAGAGGCGAGCCCTTCATAGTCAGGCTGGTCTACCAAGGGCCAGCGCCGGGTCCAGTGTCT
GGATCGGGTTGAACGATCCAGAGAAAAGACGCGCCTGGCAATGGAGTGATGGCTCCAGCTTAAAGTACAG
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CGTTATGTGCGATGGAAACGATCAGGACTGTGGGTCCAGCCATAATTTGTCTGCAAGTCCAGCCAAAGC
CGAGAGTAACACCGTCAATGTTCCAAAGAGGAAGTAATGAAGTCTTATTCCTATTGAAACCTCTGCTCT
GCACCTTGTGCTTTCATGGATGCTTTT

>GAHI01000013 Suta fasciata NP-Sut-1 mRNA sequence
ATGGTCGGCCTCTCACGTCTGGCGGGCGGCGGGCTGCTGCCGCTGCTGCTGCTGGCCCTGCTGCCTCTCG
CCCTCGACGGGAAGCCGGCGCGCGGTGCTCAGGCGCTGCCCGAGGCTCCGGCGGGCGGCACGACGGCGTG
GCGGCGGGACCTGACGGAGCAGCAGCGCGCGCGGCGGAGGAGTCTCGGGTCCCGCGGCGGGCGCAGC
GGCTCCAAGGCGGGCCAGGACGCCCCGACGCGCGCGGAAAGGCAAAGGGGCGGCGGTGTCGGCGGCCGCT
CGCGGTCTCGGAGATTTGCGCCGCGACGTCAAGGAGTCCGCCCCACCTCGGGCCGGTTGGCGTATCC
CGAATACCCCGCAGGAGGAGGAGGAGGAGGCGGCGGCGGACAGTCCGCGGACACCTGGGGCCGGTTG
GCGTACCCCGAGTACCCCGCAGGAGGCGGAGGCGGCGGCGGCGCTGGCGTCTGCGAAGAGGCCGCTA
AGAAAGGGCGGACCTTCAAGAGCTGCTTCGGCCTCCCGCTCGACCGCATCGGCACCAAGAGCGGCTGGG
CTGCTGA

>GAHI01000014 Suta fasciata NP-Sut-10 mRNA sequence
ATGGTCGGCCTCTCACGTCTGGCGGGCGGCGGGCTGCTGCTGCTGCTGGCCCTGCTGCCTCTCGCCCTCG
ACGGGAAGCCGGCGCGGTGCTCAGGCGCTGCCCGAGGCTCCGGCGGGCGGCATGATGGCGTGGCGGCG
GGACCTGACGGAGCAGCAGAAAGCCGACCGCATGGCGGAGTCCCGGGTCCCGCGGCGAGCGCAGCGAC
TCCAAGACGGCCACGAAAGGGGACGGTGTCTCGGCTCCCGATCGACCGTATCGGCAGCGTAAGCGGCA
TGGGCTGCGGAGGGGTCCCGAAGCCGACGCTGGCGGATCCTAA

>GAHI01000015 Suta fasciata NP-Sut-13 mRNA sequence
ATGGTCGGCCTCTCACGTCTGGCGGGCGGCGGGCTGCTGCCGCTGCTGCTGCTGGCCCTGCTGCCTCTCG
CCCTCGACGGGAAGCCGGCGCGGTGCTCAGGCGCTGCCCGAGGCTCCGGCGGGCGGCACGATGGGGTG
GCGGCCGCTGTGACGGAGCAGCAGAAAGCAGCCGACGCGCTGGCGGAGTCCCGGGTCCCGCGGCGGAG
CGCAGCGACTCCAAGACGGCCACGAAAGGGAACGGCTGCTTCGGCCACCGGATCGACAACATCGGCAGCG
TAAGCGCATGGGCTGCGGAGGCAAGCCGAAGCCTGGCGGATCCTAA

>GAHI01000016 Suta fasciata NP-Sut-14 mRNA sequence
ATGGTCGGCCTCTCACGTCTGGCGGGCGGCGGGCTGCTGCTGCTGCTGGCCCTGCTGCCTCTCGCCCTCG
ACGGGAAGCCGGCGCGGTGCTCAGGCGCTGCCCGAGGCTCCGGCGGGCGGCACGATGCTGACGGAGCA
GCAGAAAGCAGCCGACGCGCTGGCGGAGTCCCGGGTCCCGCGGCGGAGCGCAGCGACTCCAAGACGGCC
ACGAAAGGGAACGGTGTCTTCGGCGTCCGGATCGACCGTATCGGCAGCGTAAGCGGCATGGGCTGCGGAG
GCAAGCCGAAGCCGACGCTGCGGATCCTAA

>GAHI01000017 Suta fasciata NP-Sut-19 mRNA sequence
ATGGTCGGCCTCTCACGTCTGGCGGGCGGCGGGCTGCTGCCGCTGCTGCTGGCCCTGCTGCCTCTCGCCC
TCGACGGGAAGCCGGCGCGGTGCTCAGGCGCTGCCCGAGGCTCCGGCGGGCGGCACGATGCTGACGGCA
GCAGCAGAAGCAGCCGACGCGCTGGCGGAGTCCCGGGTCCCGCGGCGGAGCGCAGCGACTCCAAGACGGCC
GCCACGAAAGGGAACGGTGTCTTCGGCCACCGGATCGACAACATCGGCAGCGTAAGCGGCATGGGCTGCG
GAGGCAAGCCGAAGCCGAAGCCTGGCGGATCCTAA

>GAHI01000018 Suta fasciata NP-Sut-24 mRNA sequence
ATGGTCGGCCTCTCACGTCTGGCGGGCGGCGGGCTGCTGCTGCTGCTGGCCCTGCTGCCTCTCGCCCTCG
ACGGGAAGCCGGCGCGGTGCTCAGGCGCTGCCCGAGGCTCCGGCGGGCGGCACGATGCTGACGGAGCA
GCAGAAAGCAGCCGACGCGCTGGCGGAGTCCCGGGTCCCGCGGCGGAGCGCAGCGACTCCAAGACGGCC
ACGAAAGGGAACGGTGTCTTCGGCGTCCGGATCGACCGTATCGGCAGCGTAAGCGGCATGGGCTGCGGAG
GCAAGCCGAAGCCG

>GAHI01000021 Suta fasciata PLA2-Sut-19
ATGTATCCTGCTACCTTCTGGTTCTGTTGGCAGTTTGTGTCTCCCTCTT
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>GAHI01000022 Suta fasciata PLA2-Sut-22
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>GAHI01000023 Suta fasciata PLA2-Sut-20
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AACTACGGTTGCTACTGCGGCTCGGGAGGTAGCGGGACACCGGTAGACGA
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AAAGCTACAGTTGCTCCCCCTACTGGACATTGTAT
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CAATGA

>GAHI01000024 Suta fasciata PLA2-Sut-23
ATGTATCCTGCTCAACTTCTGGTCCTGTTGGCAGTTTGTGTCTCCCTCTT
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CTTGGATAGGTGCTGCAAAAAGACATGACGACTGCTATGATAAAGCTACCA
AAAGCTACAGTTGCTCCCCCTACTGGACATTGTAT
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CAATGA

>GAHI01000025 Suta fasciata PLA2-Sut-14
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AAAGCTACAGTTGCTCCCCCTACTGGACATTGTAT
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>GAHI01000026 Suta fasciata PLA2-Sut-25
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CTTGGATAGGTGCTGCAAAATACATGACGACTGCTATGGTGAAAGCCGAAA
ACAGCCTGAATTGCTCCCCCTATTGGGCGTGGTAT
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>GAHI01000027 Suta fasciata PLA2-Sut-1
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AGCACGAATGCGACCCCTGTGCTGAAGTAT
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>GAHI01000028 Suta fasciata PLA2-Sut-36
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CAATGA

>GAHI01000029 Suta fasciata PLA2-Sut-16
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AGGAGCCGCCAGCATTCTCTCCGAGCCTCTCAACCTCTATCAGTTCAAGA
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GACTATGGTTGCTACTGCGGTCCAGGAGGTAGCGGGACACCGGTAGATGA
GTTGGATAGGTGCTGCAAAATACATGACGACTGCTATGCTAAAGCTGAAA
CATCCGAATGCAACCCCAAGTTGCAGATTTAT
ATTTGGCAATGTGGCAGCGATGGACCAAGTGCAGGCAATTGAGAAACGGG
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TGTC AATGA

>GAHI01000030 Suta fasciata PLA2-Sut-8
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CTTGGATAGGTGCTGCCAGACTCATGACAACCTGCTATGCTGAAGCTGGAA
AACTTCTGCTGATGTAAGGCCATGCTGAGTGAGTCCGACAACGACAGCTAT
TCATACAGCTGTATTGAAGGCCAACTCACCTGCAACGATGACAACGATGA
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TGCA AATGA

>GAHI01000019 Suta fasciata SVMP-Sut-51 mRNA sequence
ATGATCCAAGCTCTCTTGGTAACTATATGCTTCACGTTTTTCCATATCAAGGGAGCTCTATCATCCTGG
AATCCGGGAATGTTAATGATTATGAAGTAGTGATCCACAAAAAGTGCTGCATTGCCCAAAGGAGGAGT
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TCGCTCTCTTCACTTAGAAAGAAATAAAGGACTTTTTTTCAGAAGATTACACTGAACTCATTATGCCCTG
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TACATGAGGCACAGTGTGACTCCGGAGAGTGTGTGAGAAATGCAATTTAAGAAAGCAGGAGTAGAATG
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AGTTTTCCAGAGGAATGGACATCCATGCCAAAGCAACAGGGTTACTGCTACATGGGAAATGCCCCCTCA
TGACAAACCAAGTGCATTGCTCTCGGGGGACAGGTGTAATGTGTCTCCAGATGGATGTTTACGTTGAA
CAAGAAATGGCCAAGGTTGTAGCTTCTCGAGAATGGAATAATGGTAAAAAGATTCCATGTGCAAGCAAGGAT
GTAAGTGTGCGATGTTATACTGCGAA

>GAHI01000020 Suta fasciata VEGF-Sut-1 mRNA sequence
ATGAACCTTTCTGCTCACTTGGATCCATTGCGGATTGGCGGCGCTGCTTTATTTCCACAACGCCAAGGTGT
TGCAGGCTGCTCCTGCCCAAGAGGATGCAGCGAAGCAACCAGAAGAAGTTATCCCATTTATGACGGTCTT
TGAGCCGAGTGCCTGAGGCCCATTTAGACCATGGTAGATGTTTACCAGGAGTATCCTGATGAGGTGGAA
TACCTGTTCAAACCATCTGTGTTCTCCTGATGAAATGTGGAGGATTCTGTAATGACGAAGCGCTAGAAT
GCGTGCCCATAGAGGTGCACAATATCAGCATGGAGATCATGAACTCAGACACTTGCAGAGCCAGCATAT
ACAAACGATGAGCTTCCAGCAGCACAGTAAATGTCAATGCAGACCAAGAAACCAATAAGAATTAAACAA
GAAAAAATGCAGAATTACCTCCCATCTTCTACTATTACCTGCCTGTAGGTGAACAGCCTATAATGATGC
CTTCTGATGGTTCCAGTGGGAATACTCAAAATAA

>GAHJ00000000.1|GAHJ01000000 TSA: *Vermicella annulata*, transcriptome shotgun assembly, transcriptome
shotgun assembly

>GAHJ01000001 *Vermicella annulata* 3FTx-Ver-100 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCATAAAT
GTTACAAATCTCACGCTCCTGGGGTTATGAGGTTTGTAAAGAACACGAGACCAAAATGCATTTGGATATAA
CATTTGTGCATTTCAGAAATCATGCGATAGTCGTCAGGGGATGTGGTACTTCTTGCCCTGAAGGAAATCGT
CCTGTGTGTTGCAGTACAGACATGTGCAACAAGTAG

>GAHJ01000002 *Vermicella annulata* 3FTx-Ver-70 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCATAAAT
GTTACAAATCTCACGCTCCTGGGGTTATGAGGTTTGTAAAGAACACGAGACCAAAATGCATTTGGATATAA
CATTTGTGTATTTCAGAAATCGTGCATAGTCGTCAGGGGATGTGGTGTCTTCTTGCCCTACAAAAAATCTT
CCTGTGTGTTGCAGTACAGACATGTGCAACAAGTAG

>GAHJ01000003 *Vermicella annulata* 3FTx-Ver-49 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCATAAAT
GTTACAAATCTCACGCTCCTGGGGTTATGAGGTTTGTAAAGAACACGAGACCAAAATGCATTTGGATATAA
CATTTGTGTATTTCAGAAATCGTGCATAGTCGTCAGGGGATGTGGTGTCTTCTTGCCCTACAGGAAATCTT
CCTGTGTGTTGCAGTACAGACATGTGCAACAAGTAG

>GAHJ01000004 *Vermicella annulata* 3FTx-Ver-47 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCATAAAT
GTTACAAACCTTAAGACTCTGAGGTTATGAGGTTTGTAAAGAACACGAGACCAAAATGCATTTGGATATAA
CATTTGTCTATTTCAGAAATCATGCGGTAGTCGTCAGGGGATGTGGTGTCTTCTTGCCCTACAGAAATCTT
CCTGTGTGTTGCAGTACAGACATGTGCAACAAGTAG

>GAHJ01000005 *Vermicella annulata* 3FTx-Ver-124 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATGTGTGCCTGGACTTAGGATACACCCTTAAAT
GTACAAATCTCACCTTGTATAGGTTATGAGGTTTGTAAAGAACACGAGACCAATTTGCTTTGAATATAG
AGCATGTATATTTCAGAAATGAAGTGTGTACATCAGGGGATGTAGTGCTTCTTGCCCTGAGAGATATAAG
CATGTGTGTTGCAGTACAGACCTGTGCAACAAGTAG

>GAHJ01000006 *Vermicella annulata* 3FTx-Ver-128 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCCCTAAGAT
GTAAAAAACTTATAGGATTTCTGTGTTTGTAAAGAACACGAGACCAATTTGCTATCGATATCCTACTTA
TATATTTAAAGTAAACTGATAATCCTGAAGGGATGTAGTGCTTCTTGCCCTGACAAAACCTAGTGTTCG
TGTGTCAGTACAGATATGTGCAACACTACAAGTGGCTAA

>GAHJ01000007 *Vermicella annulata* 3FTx-Ver-130 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATGTGTGCCTGGACTTAGGATACACCCATAAAT
GTCACATAACTGGGAGTCCTAATGATTATGTGGTTTGTAAAGAACACGAGACCAATTTGCTTTCAAAAAAC
TGTTTTCTCCATTTAGAGATCGTATGTGTAGTCCTTAGGGGATGTAGTACTCCTTGCCCTGAAGGAGATAAT
GCTATGTGTTGCAGTACAGATATGTGCAACAAGTAG

>GAHJ01000008 *Vermicella annulata* 3FTx-Ver-3 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACAGGTGAT
GCTTGAAAACACCTGAAATTAATCTGAGCCTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTG
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>GAHJ01000009 *Vermicella annulata* 3FTx-Ver-5 mRNA sequence
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GCTACGTGGGATATAATATCCCTCAGATTTGTCCAACCTGGGGAGGTGGTATGCTTTACAAAGACTTGGTG
TGATGCTCACTGTGGCGAAAGAGGAAACGAGTCGAATTTGGGATGTGTGCTACTTGCCTATAGTGAAG
CCCGGTATTGATATTACCTGTTGCTCAACAAACAATTGCAACCCATTTCCGTTCTGGCCACGTCCTAGAC
CAGGTCGTTGA

>GAHJ01000010 *Vermicella annulata* 3FTx-Ver-10 mRNA sequence
ATGAAAACCTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTGGTGACAGCTTGGTAT
GCTACTCTGGGATATAATACCCCTCGGACTTGTCCACCTGGGCAGAACCTATGCTATACAAAGACTTGGTG
TGATGGTCACTGTGGCAGCAGAGGAAAGCGAATTGTTTTGGGATGTGTGCTACTTGCCTATAGTGAAG

CCCGGTGTCGATATTTCTGTGCTCAACAGACAAGTGCAACCCACATCCGAAACAGGAACGTCGTTGA

>GAHJ01000011 Vermicella annulata 3FTx-Ver-24 mRNA sequence
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GTTACAACCAACAGTCATCGGAAGCTCAAACCACTACAACCTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
AAAGACTTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTGACGTGAAGCCCCGGT
GTTGGACGTACATGTTGCCAAGCAGACACATGCAACAATTAG

>GAHJ01000012 Vermicella annulata 3FTx-Ver-32 mRNA sequence
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GTTACAACCAACAGTCATCGGAAGCTCAAACCACTACAACCTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
AAAGACTTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTGACGTGAAGCCCCGGT
GTTGGACGTACATGTTGCCAAGCAGACACATGCAACAATTAG

>GAHJ01000013 Vermicella annulata 3FTx-Ver-30 mRNA sequence
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GTTACAACCAACAGTCATCGGAAGCTCAAACCACTACAACCTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
AAAGACTTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTGACGTGAAGCCCCGGT
GTTGGACGTACATGTTGCCAAGCAGACAAATGCAACAATTAG

>GAHJ01000014 Vermicella annulata 3FTx-Ver-27 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTACAACCAACAGTCATCGGAAGCTCAAACCACTACAACCTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
AAAGACTTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTGACGTGAAGCCTGGT
GTTGGACGTACATGTTGCCAAGCAGACACATGCAACAATTAG

>GAHJ01000015 Vermicella annulata 3FTx-Ver-28 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGATACACCATGACAT
GTTACAACCAACAGTCATCGGAAGCTCAAACCACTACAACCTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
AAAGACTTGGAGAGATCACCGTGGAACTATAATTGAAAGGGGATGTGGTTGCCCTGACGTGAAGCCCCGGT
GTTGGACGTACATGTTGCCAAGCAGACACATGCAACAATTAG

>GAHJ01000016 Vermicella annulata 3FTx-Ver-7 mRNA sequence
ATGAAAACTCTGCTGCTGACCTTGGTGGTGGTGACAATCGTGTGCCTGGACTTAGGTGACAGCGTGATAT
GTACAACCATCAGTCATCGGAAGCTCAAACCACTACAAGTTGTCCAGGTGGGGTGAGCTCTTGCTATAA
TGAAGGTTTTTKTAGCCAGAGAGGACCGCGAGTCGAAATGGGATGTACTGCTACTTGCCCTACAGCGAAG
CCCGGTGTGAAGATTACCTGTTGCTCAACAGACAAGTGCAACCCATTTCCGACACGGCCACGTCCTACAC
CAGGTCATTGA

>GAHJ01000017 Vermicella annulata CRiSP-Ver-3 mRNA sequence
ATGATTGCCTTCATTGTCTTGCTAAGTCTTGCTGCAGTGTGCAACAGTCTTCTGGAAGTGTGATTTTG
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>GAHJ01000018 Vermicella annulata KP-Ver-2 mRNA sequence
ATGTCTTCTGGAGGTCTTCTTCTTCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCCGTCTCCA
GCAAGGACCGTCCACACTTCTGTCTATCTGCCATGACACCGGACCATGTAAGGCATTTTCCAAGCCTT
CTACTACAACCCAGTTCAACATCAATGCCGAGAGTTTATTTATGGTGGATGCGGAGGGAATCCTAACAAAT
TTTAAGACCATAGATGAATGCAAAACAAACCTGTGCTGCATGA

>GAHJ01000019 Vermicella annulata KP-Ver-3 mRNA sequence
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GCAAGGACCGTCCACACTTCTGTCTATCTGCCATGACACCGGACCATGTAAGGCATTTTCCAAGCCTT
CTACTACAACCCAGTTCAACATCAATGCCGAGAGTTTATTTATGGTGGATGCGGAGGGAATGCTAACAAAT
TTTAAGACCATAGATGAATGCAAAACAAACCTGTGTTGCATGA

>GAHJ01000020 Vermicella annulata KP-Ver-5 mRNA sequence
ATGTCTTCTGGAGGTCTTCTTCTTCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCCGTCTCCA
GCAAGAACCGTCCACATCTGTCTATCTGCCATGACACCGGACCATGTAAGGCATTTTCCAAGCCTT
CTACTACAACCCAGTTCAACATCAATGCCGAGAGTTTATTTATGGTGGATGCGGAGGGAATGCTAACAAAT
TTTAAGACCATAGATGAATGCAAAACAAACCTGTGTTGTATGA

>GAHJ01000021 Vermicella annulata KP-Ver-13 mRNA sequence
ATGTCTTCTGGAGGTCTTCTTCTTCTGCTGGGACTCCTCACCTCTGGGAGGGGCTGACCCCCGTCTCCA
GCAAGGACCGTCCACACTTCTGTCTATCTGCCATGACACCGGACCATGTAACGCAACATCCAAGCCTT
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>GAHJ01000022 Vermicella annulata LP-Ver-1 mRNA sequence
ATGGGGCGATTCTCTTTGCGAGCCTCGGCTTGCTGGTGCCTGCTTTCTCCCTAAGTGAATTTGGAGCCA
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GGAGAGTTCGGTGAAGTTGTCCAACATCATCTCCAAAGATTGAAATTTTGTGACGTTTGGATGGGACTGA
GGCTTTCAAAGAGAAAAGGCATCTGGGAGTGGAGTGTGGCTCCAACCTCACTACACATCCTGGGAAGA
AGGTGAACCCCAACCTTTTCAACAAGGAATTCTGTGCTGTGCTGTGCTGAGCCGGAACACGGTATCTCCAA
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GCTAA

>GAHJ01000023 Vermicella annulata SVMP-Ver-17 mRNA sequence
GATCACTGCTATTATCATGGCTACATTCAGAATGAAGCTGATTCAAGTGCACTCATCAGTGCAACG
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ATCCCATGCAATCTACAAAGATGAAATGTAGAAAAAGAGGATGAGATCCCCAAAATCTGTGGGGTAACC
CAGACTACTTTGGAGTCAGATGAGCCCATCGAAAAGATCTCTCAATTAATACTCTCTCAAGAAGACA

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>GAHJ01000024 *Vermicella annulata* WP-Ver-1 mRNA sequence
ATGTTAAACTGCTAAAGAGGATAGAGATGATGAAATTAGCCAAGCKGATRAAWGAGAAAATCGGGTCCT
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TCCAAATATCAAGAAGTGCTGCAAAAATGGCTGCGGGTTCATGACTTGTTCACGCCCAAAGCCTGA