

Appendix B: Jadera haematoloma DNA sequences

LOCUS TBA 173 bp ss-DNA linear SYN 04-Jun-2010
DEFINITION Jadera haematoloma Distal-less partial CDS
ACCESSION -
KEYWORDS -
SOURCE Jadera haematoloma (red-shouldered soapberry bug)
ORGANISM Jadera haematoloma (Davis GRT population)
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
Jadera.
REFERENCE TBA
AUTHORS Stacey L. Baker, David R. Angelini
COMMENT Sequence of clone Jh'D11-1A
FEATURES Location/Qualifiers
source 1..173
/organism="Jadera haematoloma"
/mol_type="cDNA"
gene <1..>173
/gene="Jh'D11"
mRNA <1..>173
/gene="Jh'D11"
/product="Distal-less"
CDS <1..>173
/gene="Jh'D11"
/codon_start=1
/product="Distal-less"
/translation="WEGKKMRKPRTIYSSLQLQQLNRRFQRTQYLALPERAELA
ASLGLTQTQVKIWFQNR"
primer_bind 2..23
/note=Jh'D11-f2 (degenerate)
primer_bind complement(151..173)
/note=Jh'D11-r2 (degenerate)
BASE COUNT 46 A 49 C 48 G 29 T 0 OTHER
ORIGIN
1 TGGGAAGGGA AGAAGATGAG GAAACCTCGC ACCATTTACT CAAGTCTGCA ACTGCAGCAG
61 CTCAACAGGA GGTTCAGAG GACGCAGTAC CTTGCGCTTC CCGAGCGGGC AGAGCTTGCC
121 GCCTCCCTTG GACTCACTCA GACACAGGTG AAAATCTGGT TCCAAAACCG GCG
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LOCUS TBA 923 bp ss-DNA linear SYN 04-Jun-2010
 DEFINITION Jadera haematoloma dachshund partial CDS
 ACCESSION -
 KEYWORDS -
 SOURCE Jadera haematoloma (red-shouldered soapberry bug)
 ORGANISM Jadera haematoloma (Davis GRT population)
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
 Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
 Jadera.
 REFERENCE TBA
 AUTHORS Stacey L. Baker, David R. Angelini
 COMMENT Consensus sequence of clones Jh'dac-1A and 1F
 FEATURES Location/Qualifiers
 source 1..923
 /organism="Jadera haematoloma"
 /mol_type="cDNA"
 gene <1..>923
 /gene="Jh'dac"
 mRNA <1..>923
 /gene="Jh'dac"
 /product="dachshund"
 CDS <1..>923
 /gene="Jh'dac"
 /codon_start=1
 /product="dachshund"
 /translation="RILRGLGAIQPGVNRCKLLSCKDFDILYRDCTTARPGRPP
 KRAPVGLSLAASHLSQQIKKHRMDNGDYPSSGYENGHISDTPRLEKSPLLANGY
 NHPPTHLNHMXFMQLNHPPSGHTAILNPQLQHHLIKPPPPMDALSRSGIWENCR
 AAYEDIVKHLERLREERGESERALALDQKPRDLSSHNGSSSNQXPVLNLSKSN
 EASGSEAGGTGPEDEDEDEGPESDQEDTSDKEQELSDTGEGVSSPAAVSPHAL
 NYSAAALTASGPAAPTSDPTISSTETLLRNIQGLLKV"
 primer_bind 1..23
 /note=Jh'dac-f2 (degenerate)
 misc_feature 258..258
 /note=silent polymorphism
 misc_feature 338..338
 /note=Q/R polymorphism
 misc_feature 435..435
 /note=silent polymorphism
 misc_feature 599..599
 /note=N/S polymorphism
 primer_bind complement(901..923)
 /note=Jh'dac-r2 (degenerate)
 BASE COUNT 240 A 281 C 222 G 173 T 6 OTHER
 ORIGIN
 1 CTGGTTTGCA ATGTTGAGCA GGTTAGGATA CTACGCGGCT TAGGTGCCAT TCAGCCGGGC
 61 GTGAACCGTT GCAAACCTCT CTCCTGTAAA GACTTTGACA TCCTCTACAG GGACTGCACC
 121 ACTGCAAGGC CCGGTAGACC GCCGAAGCGG GCTCCTGTAG GACTCTCCCT GGCGGCCTCA
 181 CATCTATCCC AGCAGATTAA GAAGCACAGG ATGGACAACG GCGACTACCC TTCTTCCGGT
 241 TACGAAAACG GCCACATYTC AGACACGCCT CGACTGGAGA AGTCCCCTCT TCTAGCCAAT
 301 GGTTACAATC ACCCTCCTAC CCACCTGAAC CACATGCRGT TTATGCAGCT GAACCACCCT
 361 GGCTCCGGCC ACACAGCCAT CCTTAATCCG CAACTTCAAC ATCACCTAAT CAAACCACCT
 421 CCACCCATGG ACGCRCTCTC AAGATCTGGC ATTTGGGAAA ATTGCAGAGC TGCCTATGAG

481 GATATAGTGA AACACTTAGA AAGACTGCGA GAGGAAAGGG GGGAAAGTGA GCGAGCGTTG
541 GCGCTCGACC AAAAACCACG GGACCTTAGT TCACATAATG GTTCATCGTC GAACCAGARC
601 CCTGTCCTTA ACCTGTCTAA GTCTAACTGC GAAGCGAGCG GTAGTGAGGC AGGTGGTACC
661 GGCCCTGAAG ATGAGGACGA GGAAGACGAA GGTCCCGAAT CTGACCAAGA AGACACTTCA
721 GACAAAGAGC AAGAACTGTC GGACACAGGG GAAGGCGTGT CGTCGCCTGC CGCAGTCTCC
781 CCTCATGCCC TGA ACTACTC GGC GGC ACTG ACTGCCTCAG GTCCCGCCGC ACCCACCTCC
841 GACCCTACAA TCTCATCCAC TGAGACTCTC CTCAGGAACA TCCAGGGTCT CCTGAAAGTA
901 GCRGCCGACA ACGCAMGGCA ACA

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LOCUS TBA 701 bp ss-DNA linear SYN 04-Jun-2010
 DEFINITION Jadera haematoloma homothorax partial CDS
 ACCESSION -
 KEYWORDS -
 SOURCE Jadera haematoloma (red-shouldered soapberry bug)
 ORGANISM Jadera haematoloma (Davis GRT population)
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
 Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
 Jadera.
 REFERENCE TBA
 AUTHORS Stacey L. Baker, David R. Angelini
 COMMENT Consensus sequence of clones Jh'htb-1A, 1B and 1H
 FEATURES Location/Qualifiers
 source 1..701
 /organism="Jadera haematoloma"
 /mol_type="cDNA"
 gene <1..>701
 /gene="Jh'htb"
 mRNA <1..>701
 /gene="Jh'htb"
 /product="homothorax"
 CDS <1..>701
 /gene="Jh'htb"
 /codon_start=1
 /product="homothorax"
 /translation="HLLLEKLVHELCDXFCHRYISCLKGKMPIDLVIDERESSK
 PLGELGTPANGNDGRSNADSTSHTDGASTPDVAFSSNSNGYRPPSSSLSPGHG
 SEDVRSFPGSGGTPGPLXQAPQLDHSDAGKWCGRREWPSPAEARAAXDAARRGVL
 YSSVFLGSPGEYNSCDASNASIGSGEGTGEEDDDTNGKKNQKKRGIXPKVATNI
 LRAWLFQHLTHPYPSE"
 primer_bind 1..23
 /note=Jh'htb-f12 (degenerate)
 source 24..682
 /note=Jadera haematoloma cDNA
 misc_feature 64..64
 /note=N/D polymorphism
 misc_feature 355..355
 /note=S/P polymorphism
 misc_feature 405..405
 /note=silent polymorphism
 misc_feature 423..423
 /note=silent polymorphism
 misc_feature 442..442
 /note=S/P polymorphism
 misc_feature 607..607
 /note=F/L polymorphism
 primer_bind complement(683..701)
 /note=Jh'htb-r12a (degenerate)
 misc_feature 241..267
 /note=polymorphism (clone B&H form shown
 /note=in clone A this reads: ATGTTGCAG)
 BASE COUNT 192 A 191 C 186 G 120 T 11 OTHER
 ORIGIN

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1 CAGGCRATAC AGGTRCTGKG GTTTCACCTT CTTGAACTTG AAAAGGTTCA CGAGCTTTGC
61 GATRACTTCT GCCACCGCTA CATTAGCTGC CTGAAAGGGA AGATGCCCAT CGACCTAGTG
121 ATAGACGAGA GAGAAAGCTC CAAACCTCTT GGTGAACTGG GGACACCGGC GAACGGCAAC
181 GATGGAAGAT CAAACGCTGA TTCGACCTCG CACACAGACG GGGCTAGTAC CCCCgatgtg
241 GCATTTTCAA GCAACTCAAA TGGATACAGG CCTCCCTCCA GCTCACTCTC ATACCCTGGC
301 CATGGGAGTG AAGACGTGAG GTCACCAGGA TCTGGTGGAA CCCCTGGTCC TCTCYCTCAG
361 GCGCCCCAGC TTGACCACTC TGATGCAGGA AAGTGGTGTG GACGRCGGA ATGGCCCTCA
421 CCRGCAGAGG CACGAGCAGC GYCTGACGCT GCGCGGCGCG GAGTCCTCTA CTCTTCCGTG
481 TTCCTGGGCA GCCCCGAGA ATACAACTCA TGTGATGCGA GCAATGCAAG CATCGGAAGC
541 GGGGAAGGCA CAGGAGAAGA AGACGACGAT ACAAACGGAA AGAAAAACCA GAAAAAACGT
601 GGAATCYTCC CGAAAGTAGC GACGAATATA CTGAGAGCCT GGTTATTCCA ACACCTAACG
661 CACCCGTATC CGTCGGAAGA CCAGAAAAAA CARCTCGCMC A
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LOCUS TBA 404 bp ss-DNA linear SYN 20-Jul-2010
 DEFINITION Jadera haematoloma sarcomere length short partial CDS
 ACCESSION -
 KEYWORDS -
 SOURCE Jadera haematoloma (red-shouldered soapberry bug)
 ORGANISM Jadera haematoloma (Davis GRT population)
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
 Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
 Jadera.
 REFERENCE TBA
 AUTHORS Stacey L. Baker, David R. Angelini
 COMMENT Consensus sequence of clones Jh'sals-1A and 1B
 FEATURES Location/Qualifiers
 source 1..404
 /organism="Jadera haematoloma"
 /mol_type="cDNA"
 gene <1..>404
 /gene="Jh'sals"
 mRNA <1..>404
 /gene="Jh'sals"
 /product="sarcomere length short"
 CDS <1..>404
 /gene="Jh'sals"
 /codon_start=3
 /product="sarcomere length short"
 /translation="ERKEPPDWTMMKEVEQGVLNHNKCNDRSAPVIPKAKAK
 GQFVYESEKENSHPNPHNQLLKEIQSGVHLKKTNTNDRSKPMLGLELRKFRRQMTI
 EEIITKSASVADVAVASQPDELDDIDKVRDDLQPQSRLP"
 primer_bind 2..22
 /note=Jh'da-f2 (degenerate
 /note=not exact in 5' region)
 misc_feature 71..71
 /note=C/T polymorphism
 misc_feature 158..158
 /note=A/G polymorphism
 primer_bind 304..326
 /note=Jh'sals-qf1
 primer_bind complement(358..380)
 /note=Jh'sals-qr1
 primer_bind complement(385..404)
 /note=Jh'da-r2 (degenerate
 /note=not exact)
 BASE COUNT 155 A 70 C 91 G 85 T 2 OTHER
 ORIGIN
 1 TAGAGAGGAA GGAGCCGCCG GACTGGACTG ATATGATGAA GGAAGTAGAA CAAGGAGTAA
 61 AACTAAATCA YGTAAAGTGT AATGACAGGA GTGCCCCAGT TATTCCAAAA GCAAAAGCTA
 121 AGGGTCAATT TGTATATGAG TCAGAAAAAG AAAATTCRCA TAATCCTCAC AATCAGCTGT
 181 TGAAAGAAAT CCAGTCAGGT GTACATTTAA AGAAAACGAA AACAAATGAC AGAAGTAAAC
 241 CAATGTTAGA AGGTTTAAGA AAGTTTAGGC GGCAAATGAC CATTGAAGAA ATTATTACGA
 301 AATCAGCATC TGTAGCAGAC GTAGTGGCTG TTGCTTCACA ACCTGACGAA CTTGATGACA
 361 TAGACAAGGT CCGTGATGAT TTACAACCCC AAAGCCGCCT GCCT

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LOCUS TBA 1002 bp ss-DNA linear SYN 24-Jul-2010
 DEFINITION Jadera haematoloma beta-actin partial CDS
 ACCESSION -
 KEYWORDS -
 SOURCE Jadera haematoloma (red-shouldered soapberry bug)
 ORGANISM Jadera haematoloma (Davis GRT population)
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
 Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
 Jadera.
 REFERENCE TBA
 AUTHORS Stacey L. Baker, David R. Angelini
 COMMENT Sequence of clone Jh'actb-1F
 FEATURES Location/Qualifiers
 source 1..1002
 /organism="Jadera haematoloma"
 /mol_type="cDNA"
 gene <1..>1002
 /gene="Jh'actb"
 mRNA <1..>1002
 /gene="Jh'actb"
 /product="beta-actin"
 CDS <1..>1002
 /gene="Jh'actb"
 /codon_start=2
 /product="beta-actin"
 /translation="MCDEEVAALVVDNGSGMCKAGFAGDDAPRAVFP SIVGRPR
 HQGVMVGMGQKDSYVGDEAQSKRGILTLKYPIEHGIITNWDMEKIWHHTFYNE
 LRVAPEEHPILLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVLSLYASGR
 TTGIVLDSDGDVSH TVPIYEGYALPHA IRLDLAGRDLTDYLMKILTERGYSFT
 TTAEREIVRDIKEKLCYVALDFEQEMATAAAST SLEKSYELPDGQVITIGNERF
 RCPEALFQPSFLGMESCGIHETVYNSIMKCDVDIRKDL YANTVLSGGTTMYPGI
 ADRMQKEITALAPSTIKIKIIAP"
 primer_bind 2..24
 /note=d-actb-f1 (degenerate)
 primer_bind 980..1002
 /note=d-actb-r1 (degenerate)
 BASE COUNT 248 A 294 C 238 G 221 T 0 OTHER
 ORIGIN

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      1 TATGTGCGAT GAGGAGGTGG CGGCTCTTGT TGTTGACAAT GGTTCGGGGA TGTGCAAAGC
     61 CGGCTTCGCC GGAGATGACG CCCCAGAGGC CGTCTTCCCC TCCATCGTCG GTAGACCTAG
    121 GCACCAGGGT GTCATGGTCG GTATGGGTCA AAAGGACAGC TATGTAGGTG ATGAGGCCCA
    181 GAGCAAGAGA GGTATTCTCA CCCTGAAATA CCAATTGAA CACGGTATCA TCACCAACTG
    241 GGACGACATG GAGAAAATCT GGCACCACAC CTTCTACAAC GAGCTGCGAG TCGCCCCAGA
    301 GGAACACCCA ATCCTCTTGA CTGAGGCCCC ACTCAACCCT AAGGCCAACA GGGAAAAGAT
    361 GACCCAAATC ATGTTTGAAA CCTTCAACAC ACCCGCCATG TATGTTGCCA TCCAGGCTGT
    421 CCTTTCCTTG TACGCCTCCG GTCGTACCAC CGGTATTGTA CTTGACTCCG GTGATGGTGT
    481 CTCCCACT GTCCCAATCT ATGAAGGTTA TGCCCTCCCC CACGCCATCC TCCGTCTGGA
    541 CTTGGCTGGA CGAGACTTGA CTGATTACCT CATGAAGATC CTAAGTACAG GTGGTTACAG
    601 CTTACCAACC ACCGCTGAAA GGGAAATTGT CAGGGACATC AAGGAAAAAC TTTGCTATGT
    661 CGCCCTCGAC TTCGAGCAGG AAATGGCTAC CGCCGCTGCC TCCACCTCCC TCGAGAAGTC
    721 CTATGAACCT CCCGACGGTC AGGTCATCAC CATTGGTAAC GAAAGGTTCC GTTGCCCA
    781 GGCTCTCTTC CAGCCTTCCT TCTTGGGTAT GGAATCTTGC GGTATCCATG AGACTGTATA
    841 CAACTCCATC ATGAAGTGCG ATGTTGACAT CAGGAAAGAC TTGTACGCCA ACACCGTCTC
  
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901 CTCAGGAGGT ACTACCATGT ACCCAGGTAT TGCTGACAGG ATGCAGAAGG AAATCACAGC
961 CCTCGCACCC TCAACAATTA AGATCAAGAT CATCGCACCC CC

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LOCUS TBA 408 bp ss-DNA linear SYN 16-Jul-2010
 DEFINITION Jadera haematoloma ribosomal protein S18 partial CDS
 ACCESSION -
 KEYWORDS -
 SOURCE Jadera haematoloma (red-shouldered soapberry bug)
 ORGANISM Jadera haematoloma (Davis GRT population)
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
 Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
 Jadera.
 REFERENCE TBA
 AUTHORS Stacey L. Baker, David R. Angelini
 COMMENT Sequence of clone Jh'rps18-1A
 FEATURES Location/Qualifiers
 source 1..408
 /organism="Jadera haematoloma"
 /mol_type="cDNA"
 gene <1..>408
 /gene="Jh'rps18"
 mRNA <1..>408
 /gene="Jh'rps18"
 /product="ribosomal protein S18"
 CDS <1..>408
 /gene="Jh'rps18"
 /codon_start=2
 /product="ribosomal protein S18"
 /translation="IPEKFQHILRIMGTNIDGKRKVMFAMTAIKGVGRRYANIV
 LKKADVDLDKRAGECSEEEVDKIFTIMQYPRQYKIPDWFLNRQKDIVDGKYNQL
 TSANLDSKLRDLRLKKIRAHRGMRHYWGLRVRGQHTKTT"
 primer_bind 2..24
 /note=d-rps18-f (degenerate)
 primer_bind complement(386..408)
 /note=d-rps18-r (degenerate)
 BASE COUNT 143 A 66 C 96 G 102 T 0 OTHER
 ORIGIN
 1 TATTCCTGAG AAGTTTCAGC ATATCCTTCG TATCATGGGT ACTAATATCG ATGGTAAAAG
 61 GAAAGTTATG TTCGCTATGA CAGCTATCAA AGGTGTTGGT AGGAGGTATG CCAATATTGT
 121 TCTTAAAAAA GCCGATGTTG ATTTAGATAA GAGAGCTGGT GAATGCTCTG AAGAAGAGGT
 181 AGACAAAATT TTCACAATTA TGCAATATCC TAGACAATAT AAAATTCCGG ACTGGTTCTT
 241 GAATAGACAA AAAGATATTG TTGATGGAAA ATACAACCAG TTGACCTCCG CAAATCTTGA
 301 CAGCAAACCT CGAGAAGATT TGGAAAGGCT CAAGAAAATC AGGGCCCACA GAGGAATGAG
 361 GCACTATTGG GGTTCGAGGG TGAGAGGACA ACACACCAAA ACCACCGG

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LOCUS TBA 585 bp ss-DNA linear SYN 16-Jul-2010
 DEFINITION Jadera haematoloma syntaxin-1 partial CDS
 ACCESSION -
 KEYWORDS -
 SOURCE Jadera haematoloma (red-shouldered soapberry bug)
 ORGANISM Jadera haematoloma (Davis GRT population)
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
 Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
 Jadera.
 REFERENCE TBA
 AUTHORS Stacey L. Baker, David R. Angelini
 COMMENT Sequence of clone Jh'syx1-1A
 FEATURES Location/Qualifiers
 source 1..585
 /organism="Jadera haematoloma"
 /mol_type="cDNA"
 gene <1..>585
 /gene="Jh'syx1"
 mRNA <1..>585
 /gene="Jh'syx1"
 /product="syntaxin-1"
 CDS <1..>585
 /gene="Jh'syx1"
 /codon_start=2
 /product="syntaxin-1"
 /translation="VEEVKKKHSAILSAPQTDEKVKQELEDLMADIKKAANKVR
 AKLKVIEQNIEQEEHTNKSSAGLRIRKTQHSTLSRKFEVEMTVYNRTQTDYRER
 CKGRIQRQLGITGRTTNEELEEMLEQGNPAVFTQGIIMETQQAKRTLADIEAR
 HADIIKLENSIRELHDMFMDMAMLVESQGEMIDRIEYHVEHAVDYV"
 primer_bind 2..24
 /note=d-syx1-f2 (degenerate)
 primer_bind complement(563..585)
 /note=d-syx1-r2 (degenerate)
 BASE COUNT 219 A 104 C 143 G 118 T 0 OTHER
 ORIGIN
 1 TGTGGAGGAG GTGAAGAAGA AGCATAGTGC CATCCTCAGT GCTCCACAAA CAGATGAAAA
 61 GGTCAAACAA GAATTGGAAG ACCTTATGGC TGACATTAAA AAAGCAGCCA ACAAAGTCCG
 121 TGCCAAACTT AAAGTTATCG AACAAAACAT AGAGCAGGAA GAACATACAA ATAAATCGTC
 181 TGCCGGCTTA AGGATACGAA AAACCCAACA CTCAACTTTA TCTAGGAAGT TTGTAGAGGT
 241 AATGACAGTA TACAATCGGA CACAGACTGA CTACCGAGAA AGGTGTAAAG GGAGGATACA
 301 ACGGCAACTG GGAATTACTG GTAGGACAAC AACGAATGAG GAATTAGAAG AAATGTTAGA
 361 ACAAGGAAAT CCAGCTGTCT TCACTCAGGG GATCATAATG GAGACCCAAC AGGCAAAGCG
 421 GACATTGGCT GATATAGAGG CAAGGCATGC TGATATAATC AAATTAGAAA ATTCCATTAG
 481 GGAAGTCCAT GATATGTTCA TGGACATGGC TATGCTCGTT GAGAGCCAGG GAGAAATGAT
 541 CGACCGTATA GAGTACCATG TTGAGCATGC GGTGATTAT GTACA

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LOCUS TBA 225 bp ss-DNA linear SYN 16-Jul-2010
 DEFINITION Jadera haematoloma 18S ribosomal RNA partial sequence
 ACCESSION -
 KEYWORDS -
 SOURCE Jadera haematoloma (red-shouldered soapberry bug)
 ORGANISM Jadera haematoloma (Davis GRT population)
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Paraneoptera; Hemiptera; Euhemiptera; Heteroptera;
 Panheteroptera; Pentatomomorpha; Coreoidea; Rhopalidae;
 Jadera.
 REFERENCE TBA
 AUTHORS Stacey L. Baker, David R. Angelini
 COMMENT Sequence of clone Jh'18S-1A
 FEATURES Location/Qualifiers
 source 1..225
 /organism="Jadera haematoloma"
 /mol_type="cDNA"
 gene <1..>225
 /gene="Jh'18S"
 BASE COUNT 51 A 53 C 58 G 62 T 0 OTHER
 ORIGIN
 1 GCCGTTCTAG TTGGTGGACT GATTTGTCTG GTTAATTCCG ATAACGAACG AGACTCTAAC
 61 CTATTAATAA GGCGTTTCCG GTATACAAAT CTACCGGCGA GATTTTTTCT TCTTAAGGGG
 121 ACAGGCGGCT CTTAGCCGCA CGAGATTGAG CAATAACAGG TCTGTGATGC CCTTAGATGT
 181 TCTGGGCCGC ACGCGCGCTA CACTGAAGGA ATCAGCGTGT GCTCC

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