Augustus [result display]

Your job id is AUG-1818295457.
The graphical and text results are here

Calculating …

```
# This output was generated with AUGUSTUS (version 3.3.1).
# AUGUSTUS is a gene prediction tool written by M. Stanke (mario.stanke@uni-greifswald.de),
# O. Keller, S. König, L. Gerischer, L. Romoth and Katharina Hoff.
# Please cite: Mario Stanke, Mark Diekhans, Robert Baertsch, David Haussler (2008),
# Using native and syntenically mapped cDNA alignments to improve de novo gene finding
# Bioinformatics 24: 637-644, doi 10.1093/bioinformatics/btn013
# No extrinsic information on sequences given.
# Initialising the parameters using config directory /data/www/augustus/augustus/config/ ...
# human version. Using default transition matrix.
# Looks like /data/www/augustus/webservice/data/AUG-1818295457/input.fa is in fasta format.
# We have hints for 0 sequences and for 0 of the sequences in the input set.
#
# ----- prediction on sequence number 1 (length = 17636, name = NT_037436.4:c18846267-18828632) -----
#
# Constraints/Hints:
# (none)
# Predicted genes for sequence number 1 on both strands
# start gene g1
NT_037436.4:c18846267-18828632   AUGUSTUS        gene    4417    6375    0.14    -       .       g1
NT_037436.4:c18846267-18828632   AUGUSTUS        transcript      4417    6375    0.14    -       .       g1.t1
NT_037436.4:c18846267-18828632   AUGUSTUS        stop_codon      4417    4419    .       -       0       transcript_id "g1.t1"; gene_id "g1";
NT_037436.4:c18846267-18828632   AUGUSTUS        terminal        4417    4600    0.76    -       1       transcript_id "g1.t1"; gene_id "g1";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        5691    5737    0.16    -       0       transcript_id "g1.t1"; gene_id "g1";
NT_037436.4:c18846267-18828632   AUGUSTUS        initial 6313    6375    0.27    -       0       transcript_id "g1.t1"; gene_id "g1";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     4417    4600    0.76    -       1       transcript_id "g1.t1"; gene_id "g1";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     5691    5737    0.16    -       0       transcript_id "g1.t1"; gene_id "g1";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     6313    6375    0.27    -       0       transcript_id "g1.t1"; gene_id "g1";
NT_037436.4:c18846267-18828632   AUGUSTUS        start_codon     6373    6375    .       -       0       transcript_id "g1.t1"; gene_id "g1";
# coding sequence = [atggaacggaggatcgataagtccgttggaacaaagaaccagatgccagtgctcagcggaaaactctgccgcttcaacc
# gcccgcgttctgtgttggtgtgccgcgacgggcagtttgaagagccagaccctgagtcgagccatattgggtcaaagagttggcggacagcgc
# ttagatatacgcgtccacaacaccaacaccgacgactccgatcaacagcgccacccccacaaacccgtggtcaccaattggaactccactgccactgc
# cgccgagccctggtcctga]
# protein sequence = [MERRIDKSVGTKNQMPVLSGKLCRFNRPRSVCWCAATTGSLKSQTLSRAILGQRVGGQRLDIRVHNTNTDDSDQQRHP
# HKPVVTNWNSTATAAEPWS]
# end gene g1
###
# start gene g2
NT_037436.4:c18846267-18828632   AUGUSTUS        gene    14314   17045   0.28    +       .       g2
NT_037436.4:c18846267-18828632   AUGUSTUS        transcript      14314   17045   0.22    +       .       g2.t1
NT_037436.4:c18846267-18828632   AUGUSTUS        start_codon     14314   14316   .       +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        initial 14314   14321   0.29    +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        14647   14773   0.94    +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        14841   14957   0.75    +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        15027   15175   1       +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        15240   15428   0.97    +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        15534   15992   1       +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        16311   16689   1       +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        terminal        16755   17045   0.99    +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     14314   14321   0.29    +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     14647   14773   0.94    +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     14841   14957   0.75    +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     15027   15175   1       +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     15240   15428   0.97    +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     15534   15992   1       +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     16311   16689   1       +       1       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        CDS     16755   17045   0.99    +       0       transcript_id "g2.t1"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        stop_codon      17043   17045   .       +       0       transcript_id "g2.t1"; gene_id "g2";
# coding sequence = [atggaaattgaaattggcgaacaaccccagcctccggtgaagtgctccaacttcttcgctaaccactggaagggattgg
# ttgtgttcctggtgccgctgctatgtctgcctgttatgctgctaaacgaaggcgccgaatttcggtgcatgtacctcctttggtaatggccatattt
# tgggttacggaagccttgcctctctatgtgacgtccatgataccgattgtggccttcccaataatgggtataatgagctcggatcagacttgccgctt
# gtacttcaaggatacgctggtgatgttcatgggcggcattatggtcgccggtactgtaatctacacaaagctttgccttgagggtaa
# tccagatcgtgggctgcagtccccgcagattacactttggcctcatcatggttacaatgtttttgagcatgtggatttcgaacgccgcctgtactgcc
# atgatgtgtccgattatccaagccgtgctggaggagctgcaggctcagggtgtctgcaaaatcaaccatgagcctcaataccaaatcgttggaggcaa
# caagaaaaacaacgaggatgagccaccataccccaccaagatcactctgtgctactatctgggcattgcctacgcctcctcgctgggtggctgtggaa
# ccatcatcggaactgccaccaatcttaccttcaagggcatctacgaggctcgtttcaagaactccaccgaacagatggacttccccaccttcatgttc
# tactcggtgccatccatgttggtctacaccttgctgacattcgtgttcctgcaatggcacttcatgggtctggtggcgtcccaagagcaaggaggcaca
# ggaagtccagaggggacgagagggcgccgatgtcgccaaaaaggttatcgatcagcgctacaaggatctgggtcccatgtccattcacgagatccaag
# tgatgattctgttcattttttatggttgtgatgtacttcaccccgcaagcccggccatcttttggatgcacttgccgaattccaaggacattcgt
# aactctatgcccactattttttgtcgtcgtcatgtgcttcatgctgcccgccaattatgctttcctacgctactgcaccagacgcggtggtccagtgcc
# cacgggtcccactccatcgctgatcacctggaagttcatccagaccaaggtgccatggggtctggtgttcctgcttggcggtggcttcgctttggccg
# aaggcagcaagcagagcggcatggccaagctgattggcaatgctctgattggattgaaggttctgcccaactctgtcctcttactggtggtcatcctg
# gtggctgtgttcctgaccgccttcagctccaatgtggcgattgccaacattattattccctcttggccgagatgtccctggcattgagatccatcc
# tctgtacctgatcctgcccgctggcttggcctgcagtatggccttccacctgccggttagtactccgcccaacgctttggttgctggctatgccaaca
# ttaggacgaaggacatggccattgctggaatcggtccgaccatcattaccatcatcaccctgtttgtttttctgccaaacctggggcctggtcgtctat
# ccgaaccttaactcgttccccgaatgggctcagatttatgccgccgagcactgggaaacaagacgcactag]
# protein sequence = [MEIEIGEQPQPPVKCSNFFANHWKGLVVFLVPLLCLPVMLLNEGAEFRCMYLLLVMAIFWVTEALPLYVTSMIPIVAF
# PIMGIMSSDDQTCRLYFDKTLVMFMGGIMVALAVEYCNLHKRLALRVIQIVGCSPRRLHFGLIMVTMFLSMWISNAACTAMMCPIIQAVLEELQAQGVC
# KINHEPQYQIVGGNKKNNEDEPPYPTKITLCYYLGIAYASSLGGCGTIIGTATNLTFKGIYEARFKNSTEQMDFPTFMFYSVPSMLVYTLLTFVFLQW
# HFMGLWRPKSKEAQEVQRGREGADVAKKVIDQRYKDLGPMSIHEIQVMILFIFMVVMYFTRKPGIFLGWADLLNSKDIRNSMPTIFVVVMCFMLPANY
# AFLRYCTRRGGPVPTGPTPSLITWKFIQTKVPWGLVFLLGGGFALAEGSKQSGMAKLIGNALIGLKVLPNSVLLLVVILVAVFLTAFSSNVAIANIII
# PVLAEMSLAIEIHPLYLILPAGLACSMAFHLPVSTPPNALVAGYANIRTKDMAIAGIGPTIITIITLFVFCQTWGLVVYPNLNSFPEWAQIYAAAALG
# NKTH]
NT_037436.4:c18846267-18828632   AUGUSTUS        transcript      14314   17045   0.06    +       .       g2.t2
NT_037436.4:c18846267-18828632   AUGUSTUS        start_codon     14314   14316   .       +       0       transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        initial 14314   14321   0.29    +       0       transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        14647   14773   0.94    +       1       transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        15027   15175   1       +       0       transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632   AUGUSTUS        internal        15240   15428   0.97    +       1       transcript_id "g2.t2"; gene_id "g2";
```

```
NT_037436.4:c18846267-18828632    AUGUSTUS       internal     15534   15992   1      +      1       transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       internal     16311   16689   1      +      1       transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       terminal     16755   17045   0.99   +      0       transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       CDS    14314  14321   0.29   +      0      transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       CDS    14647  14773   0.94   +      1      transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       CDS    15027  15175   1      +      0      transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       CDS    15240  15428   0.97   +      1      transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       CDS    15534  15992   1      +      1      transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       CDS    16311  16689   1      +      1      transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       CDS    16755  17045   0.99   +      0      transcript_id "g2.t2"; gene_id "g2";
NT_037436.4:c18846267-18828632    AUGUSTUS       stop_codon   17043   17045   .      +      0       transcript_id "g2.t2"; gene_id "g2";
# coding sequence = [atggaaattgaaattggcgaacaacccagcctccggtgaagtgctccaacttcttcgctaaccactggaagggattgg
# ttgtgttcctggtggccgctgctatgtctgcctgttatgctgctaaacgaaggcgccagctcggatcagacttgccgcttgtacttcaaggatacgctg
# gtgatgttcatgggcggcattatggtcgccctggctgtggagtactgtaatctacacaaacgtcttgccttgagggtaatccagatcgtgggctgcag
# tccccgcagattacactttggcctcatcatggttacaatgtttttgagcatgtggatttcgaacgccgcctgtactgccatgatgtgtccgattatcc
# aagccgtgctggaggagctgcaggctcaggtgtctgcaaaatcaaccatgagcctcaataccaaatcgttggaggcaacaagaaaaacaacgaggat
# gagccaccataccccaccaagatcactctgtgctactatctgggcattgcctacgcctcctcgctgggtggctgtggaaccatcatcggaactgccac
# caatcttaccttcaagggcatctacgaggctcgtttcaagaactccaccgaacagatggacttccccaccttcatgttctactcggtgccatccatgt
# tggtctacaccttgctgacattcgtgttcctgcaatggcacttcatgggtctgtggcgtcccaagagcaaggaggcacaggaagtccagaggggacga
# gagggcgccgatgtcgccaaaaaggttatcgatcagcgctacaaggatctgggtcccatgtccattcacgagatccaagtgatgattctgttcatttt
# tatggttgtgatgtacttcacccgcaagcccggcatctttttgggatgggccgatttgctgaattccaaggacattcgtaactctatgcccactattt
# ttgtcgtcgtcatgtgcttcatgctgcccgccaattatgcttttcctacgctactgcaccagacgcggtggtccagtgcccacgggtcccactccatcg
# ctgatcacctggaagttcatccagaccaaggtgccatggggtctggtgttcctgcttggcggtggcttcgcttttggccgaaggcagcaagcagagcgg
# catggccaagctgattggcaatgctctgattggattgaaggttctgcccaactctgtcctcttactggtggtcatcctggtggctgtgttcctgaccg
# ccttcagctccaatgtggcgattgccaacattattattccccgttctggccgagatgtccctggccattgagatccatcctctgtacctgatcctgccc
# gctggcttggcctgcagtatggccttccacctgccggttagtactccgcccaacgctttggttgctggctatgccaacattaggacgaaggacatggc
# cattgctggaatcggtccgaccatcattaccatcatcaccctgtttgttttctgccaaacctggggcctggtcgtctatccgaaccttaactcgttcc
# ccgaatgggctcagatttatgccgcggcagcactgggaaacaagacgcactag]
# protein sequence = [MEIEIGEQPQPPVKCSNFFANHWKGLVVFLVPLLCLPVMLLNEGASSDQTCRLYFKDTLVMFMGGIMVALAVEYCNLH
# KRLALRVIQIVGCSPRRLHFGLIMVTMFLSMWISNAACTAMMCPIIQAVLEELQAQGVCKINHEPQYQIVGGNKKNNEDEPPYPTKITLCYYLGIAYA
# SSLGGCGTIIGTATNLTFKGIYEARFKNSTEQMDFPTFMFYSVPSMLVYTLLTFVFLQWHFMGLWRPKSKEAQEVQRGREGADVAKKVIDQRYKDLGP
# MSIHEIQVMILFIFMVVMYFTRKPGIFLGWADLLNSKDIRNSMPTIFVVVMCFMLPANYAFLRYCTRRGGPVPTGPTPSLITWKFIQTKVPWGLVFLL
# GGGFALAEGSKQSGMAKLIGNALIGLKVLPNSVLLLVVILVAVFLTAFSSNVAIANIIIPVLAEMSLAIEIHPLYLILPAGLACSMAFHLPVSTPPNA
# LVAGYANIRTKDMAIAGIGPTIITIITLFVFCQTWGLVVYPNLNSFPEWAQIYAAAALGNKTH]
# end gene g2
###
# command line:
# /data/www/augustus/augustus/bin/augustus --species=human --strand=both --singlestrand=false --genemodel=partial --codingseq=on --sample=100 --keep
```

Done.

submit another job