Suplemental Table 5

F3H1 and *F3H2* genomic sequences alignment. *MultAlin* version 5.4.1 alignment program (Corpet, F., 1988, Nucl. Acids Res., 16 (22), 10881-10890, http://prodes.toulouse.inra.fr/multalin/multalin.html) was chosen to perform this alignment.

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           1                                                          60
  F3H1.Wp  GCATTGCATT CTGCTATTTA ATTCCACTAC GTACACGCAC ATTCTCCTCA AAGACAACAA
  F3H2.wp  GCATTGCATT CTGCTATTTA ATTCCACAAT G-----GCAC ---------- ----------
Consensus  GCATTGCATT CTGCTATTTA ATTCCACaAc G.....GCAC .......... ..........

           61                                                        120
  F3H1.Wp  TGGCACCAAC AGCCAAGACT CTGACTTACC TGGCCCAGGA GAAAACCCTA GAATCGAGCT
  F3H2.wp  ---CAGCTGC AGCCAAGACT CTGACTTACC TGGCCCAGCA GAAGACCCTA GAATCGAGCT
Consensus  ...CAcCaaC AGCCAAGACT CTGACTTACC TGGCCCAGcA GAAaACCCTA GAATCGAGCT

           121                                                       180
  F3H1.Wp  TCGTTCGGGA CGAGGAGGAG CGTCCCAAGG TTGCCTACAA CGAATTCAGC GACGAGATCC
  F3H2.wp  TCGTTCGGGA CGAGGAGGAG CGTCCCAAGG TTGCCTACAA CGAATTCAGC GACGAGATCC
Consensus  TCGTTCGGGA CGAGGAGGAG CGTCCCAAGG TTGCCTACAA CGAATTCAGC GACGAGATCC

           181                                                       240
  F3H1.Wp  CAGTGATTTC TCTTGCCGGA ATCGACGAGG TGGATGGACG CAGAAGAGAG ATTTGTGAGA
  F3H2.wp  CAGTGATTTC TCTTGCCGGA ATCGACGAGG TGGATGGACG CAGAAGAGAG ATTTGTGAGA
Consensus  CAGTGATTTC TCTTGCCGGA ATCGACGAGG TGGATGGACG CAGAAGAGAG ATTTGTGAGA

           241                                                       300
  F3H1.Wp  AGATCGTGGA GGCTTGCGAG AATTGGGGTA TATTCCAGGT TGTTGATCAC GGTGTGGATC
  F3H2.wp  AGATCGTGGA GGCTTGCGAG AATTGGGGTA TATTCCAGGT CGTTGATCAC GGTGTGGATC
Consensus  AGATCGTGGA GGCTTGCGAG AATTGGGGTA TATTCCAGGT cGTTGATCAC GGTGTGGATC

           301                                                       360
  F3H1.Wp  AACAACTCGT GGCCGAGATG ACCCGTCTCG CCAAAGAGTT CTTTGCTTTG CCACCGGACG
  F3H2.wp  AACAACTCGT GGCCGAGATG ACCCGTCTCG CCAAAGAGTT CTTTGCTTTG CCGCCGGACG
Consensus  AACAACTCGT GGCCGAGATG ACCCGTCTCG CCAAAGAGTT CTTTGCTTTG CCaCCGGACG

           361                                                       420
  F3H1.Wp  AGAAGCTTCG TTTTGATATG TCCGGCGCCA AAAAGGGTGG ATTCATTGTC TCCAGCCATC
  F3H2.wp  AGAAGCTTCG TTTTGATATG TCCGGTGCCA AAAAGGGTGG ATTCATTGTC TCCAGCCATC
Consensus  AGAAGCTTCG TTTTGATATG TCCGGcGCCA AAAAGGGTGG ATTCATTGTC TCCAGCCATC

           421                                                       480
  F3H1.Wp  TCCAAGTAAA CATTAATTCT TCAATATTAC ATGTTTATTT TCTTTACAAA AAATAAAAAA
  F3H2.wp  TCCAAGTAAA CATTA----- ---------- -------TTT TC-------- ----------
Consensus  TCCAAGTAAA CATTA..... .......... .......TTT TC........ ..........


           481                                                       540
  F3H1.Wp  GAGAAGATTT TTAAAGTTAC AGAAAGAGAT ATAGAATGCT TACTTAATGT TAGATATCAA
  F3H2.wp  ---------- ---------- ---------- ---------- ---------- ----------
Consensus  .......... .......... .......... .......... .......... ..........

           541                                                       600
  F3H1.Wp  TATCTCTTAA TTACTATCAT AAAAGTTAGT GACTCATTTC TTAATTATTT AACGAATTGC
  F3H2.wp  ---------- ---------- ---------- GCCTCATTTC TT-------- ----------
Consensus  .......... .......... .......... GaCTCATTTC TT........ ..........
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           601                                                        660
  F3H1.Wp  TAACACTTTT AAATAATTAT GCATTTGAAA TTACTTTTCC TTAAATTTTT ACAAACAACT
  F3H2.wp  ---------- ---------- ---------- ---------- ---------- ----------
Consensus  .......... .......... .......... .......... .......... ..........

           661                                                        720
  F3H1.Wp  TTTCATCATC TTTTTTTATA CCATGATTTA TTTTTAAATT TTTCTTCATT CATCCTAATT
  F3H2.wp  ---------- ---------- ---------- ---------- ---------- ----------
Consensus  .......... .......... .......... .......... .......... ..........

           721                                                        780
  F3H1.Wp  TATTTTATTT TGAGATGAAA GTTTAGATTT TTCATTTTTT TCTCTCTCAT AGATATATTG
  F3H2.wp  ---------- ---------- ---------- ---------- ---------- ----------
Consensus  .......... .......... .......... .......... .......... ..........

           781                                                        840
  F3H1.Wp  TCACTTCATT TTTCCTATAT TTTGTTTTCG GTTTTATTGT GTGAATCTTT TTCCCTGTTT
  F3H2.wp  ---------- ---------- ---------- ---------- ---------- ----------
Consensus  .......... .......... .......... .......... .......... ..........

           841                                                        900
  F3H1.Wp  TCTATTCTTT CTACTTATCT GTTCCTTCCA CGGAAACACC CGAATATAGT AAGATGTATT
  F3H2.wp  ----TTCTTA C--------- ---------- ---------- -------AGA AAGATGTATT
Consensus  ....TTCTTa C......... .......... .......... .......AGa AAGATGTATT

           901                                                        960
  F3H1.Wp  TTAATAAGAA AGGGGAAAAG TGGATGGTAG AAATTTGAGA CGAATGGAAT GATG----CG
  F3H2.wp  TTAATAACAA AGGGGAAAAG TGGATGGTAG AAATTTGAGA CGAATGGAAT GATGTTGACC
Consensus  TTAATAAcAA AGGGGAAAAG TGGATGGTAG AAATTTGAGA CGAATGGAAT GATG....Cc

           961                                                       1020
  F3H1.Wp  AGCGATTTTA ----CTGTCA ATTAAAATTA ATTAATTAA- ---ATATCAT TCACCACCCA
  F3H2.wp  AGCGATTTTA ATCACTGTCA ATTAAAATTA ATAAATTAAC TAAATATCAT TCACCACCCA
Consensus  AGCGATTTTA ....CTGTCA ATTAAAATTA ATaAATTAA. ...ATATCAT TCACCACCCA

           1021                                                      1080
  F3H1.Wp  TAACATGCCA ACACGGCAAC ACCATTATTC CCAATCAAGT CTTACGG--- -AAAATTCGT
  F3H2.wp  TAACATGCCA ACAC------ --CATGATTC CCAATCAAGT CTTAGGGGAA AAAAATTCCT
Consensus  TAACATGCCA ACAC...... ..CATgATTC CCAATCAAGT CTTAcGG... .AAAATTCcT

           1081                                                      1140
  F3H1.Wp  ATTGTAGTGA ATTGAATTGC TATTATAAGA GCTCTTGCAT GCATTAAAGT ATACCTAAAC
  F3H2.wp  ACTGCAGTGA ATTGAATTGC TATTATAAGA GCTCTTGCAT GCATTATAGT ATACCTAAAC
Consensus  AcTGcAGTGA ATTGAATTGC TATTATAAGA GCTCTTGCAT GCATTAaAGT ATACCTAAAC

           1141                                                      1200
  F3H1.Wp  TTAGGCACTG GTTGGCCTAA TT----TATT TGTTGACTTC GTGTAGGACA CAAACAGATT
  F3H2.wp  TTAGGCACTG ATTGGCCTAA TTAATTTATT TGTTGACTTC GTGTAGGACA CAATGAGATT
Consensus  TTAGGCACTG aTTGGCCTAA TT....TATT TGTTGACTTC GTGTAGGACA CAAacAGATT




           1201                                                      1260
  F3H1.Wp  TCTAAAAACT TTTTTTAAAA AATGAGCAGT TTAATTTTGT AAGAAAATTA TTTTAAAAAA
  F3H2.wp  TCTAAAAACT TTT------- ---------- ---------- ---------- ----------
Consensus  TCTAAAAACT TTT....... .......... .......... .......... ..........

           1261                                                      1320
  F3H1.Wp  AAATAGTTGA AGGCACAGCT AAATTTTCAT CTCTTTTTGA ACTGTCTCCT TCTTCTCTTC
  F3H2.wp  ---------- ---------- ---------- ---------- ---------- ----------
Consensus  .......... .......... .......... .......... .......... ..........
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           1321                                                       1380
  F3H1.Wp  GTATTATCCC TTAAATTATC TTTTAAGTTA ATAAAAATAT TATTTTTTAA AAACTTTTCA
  F3H2.wp  ---------- ---------- ---------- ---------- ---------- --------CA
Consensus  .......... .......... .......... .......... .......... ........CA

           1381                                                       1440
  F3H1.Wp  TTTTAATTTT TATTTTAAAG TAGTTTTTCA AAAAGAAAGG AAAGCACAAC CTTATTTTAG
  F3H2.wp  TTTTAATTTT TATTTCAAAG TAGTTTTTCA AAAAGAAAGG AAAGCACAAC CTTATTTTAG
Consensus  TTTTAATTTT TATTTcAAAG TAGTTTTTCA AAAAGAAAGG AAAGCACAAC CTTATTTTAG

           1441                                                       1500
  F3H1.Wp  AAAATATAAT AAATTGCATT TAATTTGCAA ATAAATGTAC CGACGAAACA GTTAAAAAAT
  F3H2.wp  AAAATATAAT AAATTGCACA TAATTTA-AG GGAAATAT-- ---------- GTT------T
Consensus  AAAATATAAT AAATTGCAca TAATTTa.Aa agAAATaT.. .......... GTT......T

           1501                                                       1560
  F3H1.Wp  TGTACAGAGT TAAAGACCAT ATATTTTTTG CTGTGCGCGT GTAACTATGT TCAGCCATAG
  F3H2.wp  TGTTCAGC-- CACTGCACAC TTATCTT--- ----GAGAAA GATCCTAATC CCAAGCATGA
Consensus  TGTaCAGa.. cAaaGaaCAc aTATcTT... ....GaGaaa GaaaCTAagc cCAacCATaa

           1561                                                       1620
  F3H1.Wp  GTTTGTTTGT TTCCCATGGT GGGGGATTTC TTGACGCCCT CCACCCCAGA AGCCTTCTTA
  F3H2.wp  G---GTTTGT TTCCCGT--- ---------- ---------- ---------- ------CTTA
Consensus  G...GTTTGT TTCCCaT... .......... .......... .......... ......CTTA

           1621                                                       1680
  F3H1.Wp  CTTTAAGCCT TTCTTGACAG AATTCTCGTG ATTATATGTT TTTCCTTTTG GTGACATAAG
  F3H2.wp  CTTTAAGCCT TTAAT----- --TTCT---- ---------- ---------- -TGACATAAT
Consensus  CTTTAAGCCT TTaaT..... ..TTCT.... .......... .......... .TGACATAAg

           1681                                                       1740
  F3H1.Wp  TAGAGTACTT CAATTTATAT ATTTGATTGA ATACATTATG ATTATGATTT ATAGTGGTGC
  F3H2.wp  TATCGT---- ---------- ---------- ---------G ATTATGATGT ATAGT-----
Consensus  TAgaGT.... .......... .......... .........G ATTATGATgT ATAGT.....

           1741                                                       1800
  F3H1.Wp  ATTATTGCCT ATTTCCTCAA ATGTAGACAC ACCTCTAGAA AGTGCATGAT CCAACCAGAG
  F3H2.wp  ---------- ---------- ---------- ------AGAA AGTGCATGA- --------AT
Consensus  .......... .......... .......... ......AGAA AGTGCATGA. ........Ag

           1801                                                       1860
  F3H1.Wp  CATTAAATTA ATTAACATGT GATGACAGGG GGAATCGGTG CAGGACTGGA GAGAAATAGT
  F3H2.wp  AATTTATGTA G--AAAATAT GATGACAGGG AGAGTCAGTG CAGGACTGGA GAGAAATAGT
Consensus  aATTaAagTA a..AAaATaT GATGACAGGG aGAaTCaGTG CAGGACTGGA GAGAAATAGT

           1861                                                       1920
  F3H1.Wp  GACATACTTT TCGTACCCAA AAAGAGAGAG GGACTATTCA AGGTGGCCAG ACACGCCAGA
  F3H2.wp  GATATACTTT TCGTACCCAA AAAGAGAGAG GGACTATTCA AGGTGGCCAC ACAAGCCAGA
Consensus  GAcATACTTT TCGTACCCAA AAAGAGAGAG GGACTATTCA AGGTGGCCAc ACAaGCCAGA




           1921                                                       1980
  F3H1.Wp  AGGGTGGAGA TCGGTGACTG AGGAATACAG CGACAAAGTA ATGGGTCTAG CTTGCAAGCT
  F3H2.wp  AGGGTGGAGA TGGGCGACTG AGGAATACAG CGAGAAGCTA ATGGGTCTAG CTGGGAAGCT
Consensus  AGGGTGGAGA TcGGcGACTG AGGAATACAG CGAcAAacTA ATGGGTCTAG CTgGcAAGCT

           1981                                                       2040
  F3H1.Wp  CATGGAGGTG TTGTCCGAAG CAATGGGGTT AGAGAAAGAG GGTTTAAGCA AAGCATGTGT
  F3H2.wp  CATGGAGGTG TTGTCCGAAG CAATGGGGTT AGAGAAAGAG GGTTTAAGCA AAGCATGTGT
Consensus  CATGGAGGTG TTGTCCGAAG CAATGGGGTT AGAGAAAGAG GGTTTAAGCA AAGCATGTGT
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           2041                                                       2100
  F3H1.Wp  TGACATGGAC CAGAAGGTGG TGGTTAATTA CTACCCCAAA TGCCCTCAAC CTGACCTCAC
  F3H2.wp  TGACATGGAC CAGAAGGTGG TGGTTAATTA CTATCCCAAA TGCCCTCAAC CTGACCTCAC
Consensus  TGACATGGAC CAGAAGGTGG TGGTTAATTA CTAcCCCAAA TGCCCTCAAC CTGACCTCAC

           2101                                                       2160
  F3H1.Wp  TCTTGGCCTG AAGCGCCACA CGGATCCGGG CACTATCACC TTGCTGCTTC AGGACCAAGT
  F3H2.wp  TCTTGGCCTG AAGCGCCACA CGGATCCGGG CACCATCACC TTGCTGCTTC AGGACCAAGT
Consensus  TCTTGGCCTG AAGCGCCACA CGGATCCGGG CACcATCACC TTGCTGCTTC AGGACCAAGT

           2161                                                       2220
  F3H1.Wp  GGGTGGACTT CAAGCCACCA GGGACAATGG CAAAACATGG ATCACCGTTC AGCCTGTGGA
  F3H2.wp  GGGTGGACTT CAAGCCACCA GGGACAATGG CAAAACATGG ATCACCGTTC AGCCTGTGGA
Consensus  GGGTGGACTT CAAGCCACCA GGGACAATGG CAAAACATGG ATCACCGTTC AGCCTGTGGA

           2221                                                       2280
  F3H1.Wp  GGCTGCCTTC GTCGTCAATC TTGGAGATCA TGCTCATGTC AGTGTGCAAT TCATTCATTT
  F3H2.wp  GGCTGCCTTC GTTGTCAATC TTGGAGATCA TGCTCATGTC AGTATGCAAT TCATTCATTT
Consensus  GGCTGCCTTC GTcGTCAATC TTGGAGATCA TGCTCATGTC AGTaTGCAAT TCATTCATTT

           2281                                                       2340
  F3H1.Wp  TCATTTTATG GCCTTTATTC CGTTCTCAAT TTACTACAAA ATAGGATGTG TAAAAATTAC
  F3H2.wp  TCATTTTATG GCCTTCTCTT T-TTCTCAAT TTAGTACAAA ATA---CCTG TAAAAATTA-
Consensus  TCATTTTATG GCCTTcacTc c.TTCTCAAT TTAcTACAAA ATA...ccTG TAAAAATTA.

           2341                                                       2400
  F3H1.Wp  TTTCGTAAAA AAAATAAAAT CTAATCCAGT TGTTTTTAAA TTGGTTTATC CTATTCGATT
  F3H2.wp  ---------- ---------- ---------- ---------A TTATTTTAAC ATTTTTTATT
Consensus  .......... .......... .......... .........A TTagTTTAaC aTaTTcgATT

           2401                                                       2460
  F3H1.Wp  TTATATTAAA ATAGTTAAAT TAATTTAAAG ATGTGTTCAA AATCAAAAAT GATTTTAAAA
  F3H2.wp  TTGTATTAAA ATAGTCAAAT TGATTGATT- TTGAGATGAT ATTTTAAAAA ATTAATTTTG
Consensus  TTaTATTAAA ATAGTcAAAT TaATTgAaa. aTGaGaTcAa AaTcaAAAAa aaTaaTaaaa

           2461                                                       2520
  F3H1.Wp  AATTAATTCT GATTTAAACC AATTTTTAAC TTATTCTAAA AGTTGAATTA GTTTAAAATT
  F3H2.wp  ATTTGAAGTA ATTTTTAATT AATTTTAAAC TGATTCCGTA AGTCCGATCA ATTAGAGATG
Consensus  AaTTaAagca aaTTTaAAcc AATTTTaAAC TgATTCcaaA AGTccaATcA aTTaaAaATg

           2521                                                       2580
  F3H1.Wp  GATTTTCAAA TTATTTTTTT TCAAATAAAA AAAATATTCA AATAAAAGCT AGTTTGATTA
  F3H2.wp  AATTTTTAAA TTATTTTTTT T-AAATAAAA AAAATGTTCA AGTGAAAATT AATTAGATTC
Consensus  aATTTTcAAA TTATTTTTTT T.AAATAAAA AAAATaTTCA AaTaAAAacT AaTTaGATTa

           2581                                                       2640
  F3H1.Wp  ACAATT---- TTATTTAAAT AATTCAAATT AACTGAATTA ATTTTATAAA ATAATATACT
  F3H2.wp  ACCAAACTGA TTATTGAAAT GATTCAAATA ATC-GAATTG ATTTTATAAA ATAATAT---
Consensus  ACaAaa.... TTATTgAAAT aATTCAAATa AaC.GAATTa ATTTTATAAA ATAATAT...




           2641                                                       2700
  F3H1.Wp  CTTTTTTTTC TTAAATTAAT TCAA-AAAAA ATCAATTTAA TTTAGATTTA ATTATAATAT
  F3H2.wp  -----TTTTT TAAATTTAAT TCGAGAAAAA AACAATTTAA TTTAGATTTA ATT-------
Consensus  .....TTTTc TaAAaTTAAT TCaA.AAAAA AaCAATTTAA TTTAGATTTA ATT.......

           2701                                                       2760
  F3H1.Wp  GATTTAATTC AAATGGATTT TTTTTCCCAC CCTATATGTT TTTT-ATCAG TGATATTATT
  F3H2.wp  ---------C AAATGGATTT TTT--CACAC CCTATATGTT TTTTTATCAC TGATATTAAT
Consensus  .........C AAATGGATTT TTT..CaCAC CCTATATGTT TTTT.ATCAc TGATATTAaT
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           2761                                                       2820
  F3H1.Wp  AACTA----- TATATATATC AGCCAGTGAT ATGTTTTTAT TAGTTAATTA AAATAAAAAT
  F3H2.wp  AATCAATAAC TATATATATC AGCGAATGAT ATGTTTTTAT TAGTTAATTA AAATAAAAAT
Consensus  AAccA..... TATATATATC AGCcAaTGAT ATGTTTTTAT TAGTTAATTA AAATAAAAAT

           2821                                                       2880
  F3H1.Wp  ATTGAGATGT GAAGGGAAGT TCAAGAAGCT TTTAGAAAGA CTAGCCAGCT TAGCA----A
  F3H2.wp  ATTGAGATGT AAAGGGAAGT TCAAGAAGCT TTTAGAAAGA CTAGCTAGCT TAGTACGTAA
Consensus  ATTGAGATGT aAAGGGAAGT TCAAGAAGCT TTTAGAAAGA CTAGCcAGCT TAGcA....A

           2881                                                       2940
  F3H1.Wp  TTGATTTATT TTATTTTTAT GAAGCAGCAA GTCTATT-GG TTTGACCGTG TACTTTGTTT
  F3H2.wp  TTGATTTATT TTATTTTTAT GAAGCAGCAA GTCTATTTGG TTTGACCGTG TACTTTGTTT
Consensus  TTGATTTATT TTATTTTTAT GAAGCAGCAA GTCTATT.GG TTTGACCGTG TACTTTGTTT

           2941                                                       3000
  F3H1.Wp  TTCATAATTT AAATTTGTTC ATTTTTTTGT GGTGGGTGCA CATGAATGCA GTATCTGAGC
  F3H2.wp  TTCATAATTT AAATTTGTTC ATTTTTTTGT GGTGGGTGCA --TGAATGCA GTATCTGACC
Consensus  TTCATAATTT AAATTTGTTC ATTTTTTTGT GGTGGGTGCA ..TGAATGCA GTATCTGAcC

           3001                                                       3060
  F3H1.Wp  AATGGAAGGT TCAAGAATGC TGATCACCAA GCGGTGGTGA ACTCAAACCA TAGCCGTTTG
  F3H2.wp  AATGGAAGGT TCAAGAATGC TGATCACCAA GCGGTGGTGA ACTCAAATCA TAGCCGTTTG
Consensus  AATGGAAGGT TCAAGAATGC TGATCACCAA GCGGTGGTGA ACTCAAAcCA TAGCCGTTTG

           3061                                                       3120
  F3H1.Wp  TCCATAGCCA CTTTTCAAAA CCCAGCACCA AATGCAACTG TTTACCCTCT GAAGATAAGA
  F3H2.wp  TCCATAGCCA CGTTTCAAAA CCCAGCACCA AATGCAACTG TTTACCCTCT GAAGATAAGA
Consensus  TCCATAGCCA CgTTTCAAAA CCCAGCACCA AATGCAACTG TTTACCCTCT GAAGATAAGA

           3121                                                       3180
  F3H1.Wp  GAAGGAGAGA AGCCTGTGAT GGAGGAACCA ATCACTTTTG CTGAAATGTA CAGGAGGAAG
  F3H2.wp  GAGGGAGAGA AGCCTGTGAT GGAGGAACCA ATCACTTTTG CTGAAATGTA CAGGAGGAAG
Consensus  GAaGGAGAGA AGCCTGTGAT GGAGGAACCA ATCACTTTTG CTGAAATGTA CAGGAGGAAG

           3181                                                       3240
  F3H1.Wp  ATGAGCAAGG ACATTGAGAT TGCAAGGATG AAGAAGCTGG CTAAGGAAAA GCATTTGCAG
  F3H2.wp  ATGAGCAAGG ACCTTGAGAT TGCAAGGATG AAGAAGCTGG CTAAGGAAAA TCATTTGCAG
Consensus  ATGAGCAAGG ACaTTGAGAT TGCAAGGATG AAGAAGCTGG CTAAGGAAAA gCATTTGCAG

           3241                                                       3300
  F3H1.Wp  GACCTTGAGA ATGAAAAGCA TTTGCAAGAA CTTGATCAGA AGGCAAAACT TGAGGCCAAG
  F3H2.wp  GACCTTGAGA ACGAAAAGCA TTTGCAAGAA CTTGATCAGA AGGCAAAACT TGAGGCCAAG
Consensus  GACCTTGAGA AcGAAAAGCA TTTGCAAGAA CTTGATCAGA AGGCAAAACT TGAGGCCAAG

           3301                                                       3360
  F3H1.Wp  CCTTTGAAGG AGATTCTTGC TTAATTAATA ATAATTACAT ATGTATCATT TGCATGCCCC
  F3H2.wp  CCTTTGAAGG AGATTCTTGC TTAATTAATA ATAATTACAT ATGTATCATT TGCATGCCCC
Consensus  CCTTTGAAGG AGATTCTTGC TTAATTAATA ATAATTACAT ATGTATCATT TGCATGCCCC




           3361                                                       3420
  F3H1.Wp  CTTGGTGTTT TTAGTATTTT TTAAGGGCCA TGAATTAATA ATAGTCCTTA CCTTTGTGCT
  F3H2.wp  CTTGGTGTTT TTAGTGTTTT TTAAGGGCCG TGAATTAATA ATAACCCTTA ACTTTGTGCT
Consensus  CTTGGTGTTT TTAGTaTTTT TTAAGGGCCa TGAATTAATA ATAacCCTTA aCTTTGTGCT

           3421                                                       3480
  F3H1.Wp  TTTGTACGTC TTATGATTTA TCCTTTGTGG GGATATCATG TGTTGTGTTC AGTTGCCTAT
  F3H2.wp  TTTGTACATC TTATGGTTTA TCCTTTGTGG GGATATCATG TGTTGTGTTC AGTTGCCTGT
Consensus  TTTGTACaTC TTATGaTTTA TCCTTTGTGG GGATATCATG TGTTGTGTTC AGTTGCCTaT
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           3481                                                        3540
  F3H1.Wp  GTCTTATTAG CTAGCTGGCT CATCTATGTA TACCTTATAT TTGCCTCTAT TATAAATGAA
  F3H2.wp  GTCATATTAG CTAGCTAGCT TATCTATGTA TACCTTATAT TTGCCTCTAT TATAAATGAA
Consensus  GTCaTATTAG CTAGCTaGCT cATCTATGTA TACCTTATAT TTGCCTCTAT TATAAATGAA

           3541               3562
  F3H1.Wp  AATAAGTGGC ACTGTCTTTA TA
  F3H2.wp  AATAAGTGGC ACTGTCTTTA T-
Consensus  AATAAGTGGC ACTGTCTTTA T.
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