

Table S3.3. Output of blast analyses of the *Aedes aegypti* genome, AaegL3 assembly.

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# BLASTN 2.2.28+
# Query: gi|544185967|dbj|AB813812.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-312_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185967|dbj|AB813812.1|      AAGE02006399.1  93.01 186   13   0
    1090 1275 6246 6061 3e-70 272
# BLASTN 2.2.28+
# Query: gi|544185965|dbj|AB813811.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-311_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185965|dbj|AB813811.1|      AAGE02006399.1  93.01 186   13   0
    1090 1275 6246 6061 3e-70 272
# BLASTN 2.2.28+
# Query: gi|544185963|dbj|AB813810.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-233_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185963|dbj|AB813810.1|      AAGE02006399.1  94.05 185   11   0
    1090 1274 6246 6062 5e-73 281
# BLASTN 2.2.28+
# Query: gi|544185961|dbj|AB813809.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-227_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185961|dbj|AB813809.1|      AAGE02006399.1  94.05 185   11   0
    1090 1274 6246 6062 5e-73 281
# BLASTN 2.2.28+
# Query: gi|544185959|dbj|AB813808.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-175_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
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gi|544185959|dbj|AB813808.1|      AAGE02006399.1  94.09 186   11   0
    1090 1275 6246 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|544185957|dbj|AB813807.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-174_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185957|dbj|AB813807.1|      AAGE02006399.1  94.05 185   11   0
    1090 1274 6246 6062 5e-73 281
# BLASTN 2.2.28+
# Query: gi|544185955|dbj|AB813806.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-173_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185955|dbj|AB813806.1|      AAGE02006399.1  94.05 185   11   0
    1090 1274 6246 6062 5e-73 281
# BLASTN 2.2.28+
# Query: gi|544185953|dbj|AB813805.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-163_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185953|dbj|AB813805.1|      AAGE02006399.1  95.16 186    9   0
    1090 1275 6246 6061 6e-77 294
# BLASTN 2.2.28+
# Query: gi|544185951|dbj|AB813804.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-158_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185951|dbj|AB813804.1|      AAGE02006399.1  94.05 185   11   0
    1090 1274 6246 6062 5e-73 281
# BLASTN 2.2.28+
# Query: gi|544185949|dbj|AB813803.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-147_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185949|dbj|AB813803.1|      AAGE02006399.1  94.05 185   11   0
    1090 1274 6246 6062 5e-73 281

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# BLASTN 2.2.28+
# Query: gi|544185947|dbj|AB813802.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-141_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185947|dbj|AB813802.1|      AAGE02006399.1  90.86 186   17   0
    1090 1275 6246 6061 1e-63 250
# BLASTN 2.2.28+
# Query: gi|544185945|dbj|AB813801.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-60_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185945|dbj|AB813801.1|      AAGE02006399.1  94.54 183   10   0
    1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|544185943|dbj|AB813800.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-55_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185943|dbj|AB813800.1|      AAGE02006399.1  95.16 186    9   0
    1090 1275 6246 6061 6e-77 294
# BLASTN 2.2.28+
# Query: gi|544185941|dbj|AB813799.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-52_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185941|dbj|AB813799.1|      AAGE02006399.1  92.47 186   14   0
    1090 1275 6246 6061 1e-68 267
# BLASTN 2.2.28+
# Query: gi|544185939|dbj|AB813798.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-50_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185939|dbj|AB813798.1|      AAGE02006399.1  94.54 183   10   0
    1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+

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# Query: gi|544185937|dbj|AB813797.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-50_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185937|dbj|AB813797.1|      AAGE02006399.1  90.86 186   17   0
    1090 1275 6246 6061 1e-63 250
# BLASTN 2.2.28+
# Query: gi|544185935|dbj|AB813796.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-48_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185935|dbj|AB813796.1|      AAGE02006399.1  94.54 183   10   0
    1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|544185933|dbj|AB813795.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-46_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185933|dbj|AB813795.1|      AAGE02006399.1  94.62 186   10   0
    1090 1275 6246 6061 3e-75 289
# BLASTN 2.2.28+
# Query: gi|544185931|dbj|AB813794.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-45_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185931|dbj|AB813794.1|      AAGE02006399.1  94.54 183   10   0
    1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|544185929|dbj|AB813793.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-44_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185929|dbj|AB813793.1|      AAGE02006399.1  94.54 183   10   0
    1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|544185927|dbj|AB813792.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-43_12

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185927|dbj|AB813792.1|      AAGE02006399.1  94.54 183   10    0
      1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|544185925|dbj|AB813791.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-42_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185925|dbj|AB813791.1|      AAGE02006399.1  94.62 186   10    0
      1090 1275 6246 6061 3e-75 289
# BLASTN 2.2.28+
# Query: gi|544185923|dbj|AB813790.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-23_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185923|dbj|AB813790.1|      AAGE02006399.1  94.54 183   10    0
      1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|544185921|dbj|AB813789.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-17_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185921|dbj|AB813789.1|      AAGE02006399.1  95.16 186    9    0
      1090 1275 6246 6061 6e-77 294
# BLASTN 2.2.28+
# Query: gi|544185919|dbj|AB813788.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-16_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 1 hits found
gi|544185919|dbj|AB813788.1|      AAGE02006399.1  95.16 186    9    0
      1090 1275 6246 6061 6e-77 294
# BLASTN 2.2.28+
# Query: gi|544185917|dbj|AB813787.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-15_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC

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# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185917|dbj|AB813787.1|      AAGE02006399.1  95.16 186   9   0
      1090 1275 6246 6061 6e-77 294
# BLASTN 2.2.28+
# Query: gi|544185915|dbj|AB813786.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-11_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185915|dbj|AB813786.1|      AAGE02006399.1  94.62 186  10   0
      1090 1275 6246 6061 3e-75 289
# BLASTN 2.2.28+
# Query: gi|544185913|dbj|AB813785.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-9_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185913|dbj|AB813785.1|      AAGE02006399.1  94.62 186  10   0
      1090 1275 6246 6061 3e-75 289
# BLASTN 2.2.28+
# Query: gi|544185911|dbj|AB813784.1| Cell fusing agent virus NS5 gene
for non-structural protein 5, partial cds, strain: NS5-8_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1 hits found
gi|544185911|dbj|AB813784.1|      AAGE02006399.1  94.54 183  10   0
      1093 1275 6243 6061 1e-73 283
# BLASTN 2.2.28+
# Query: gi|310751810|gb|HM579916.1| Cell fusing agent virus isolate
CFAV/Colima-5 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|310751808|gb|HM579915.1| Cell fusing agent virus isolate
CFAV/Colima-4 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|310751806|gb|HM579914.1| Cell fusing agent virus isolate
CFAV/Colima-3 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+

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# Query: gi|310751804|gb|HM579913.1| Cell fusing agent virus isolate
CFAV/Colima-2 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|310751802|gb|HM579912.1| Cell fusing agent virus isolate
CFAV/Colima-1 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823483|dbj|AB488430.1| Cell fusing agent virus gene for
polyprotein (NS5 region), partial cds, strain: Surabaya-12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823479|dbj|AB488428.1| Cell fusing agent virus gene for
polyprotein (NS5 region), partial cds, strain: Surabaya-10
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823471|dbj|AB488424.1| Aedes flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Toyama-26
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823463|dbj|AB488420.1| Aedes flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Nagasaki-5
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823455|dbj|AB488416.1| Aedes flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Mie-16
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534087|gb|GQ477012.1| Mosquito flavivirus isolate
AealFV7 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534085|gb|GQ477011.1| Mosquito flavivirus isolate
AealFV5 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534084|gb|GQ477010.1| Mosquito flavivirus isolate
AealFV9 nonfunctional NS5 gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534083|gb|GQ477009.1| Mosquito flavivirus isolate
AealFV1 nonfunctional NS5 gene, partial sequence

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534081|gb|GQ477008.1| Mosquito flavivirus isolate
AealFV8 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534079|gb|GQ477007.1| Mosquito flavivirus isolate
AealFV6 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534077|gb|GQ477006.1| Mosquito flavivirus isolate
AealFV2 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534075|gb|GQ477005.1| Mosquito flavivirus isolate
AealFV3 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|260534073|gb|GQ477004.1| Mosquito flavivirus isolate
AealFV4 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661165|gb|HQ441865.1| Mosquito flavivirus isolate PR-Aa
NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661163|gb|HQ441864.1| Mosquito flavivirus isolate RE-
Aa5 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661161|gb|HQ441863.1| Mosquito flavivirus isolate RE-
Aa4 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661159|gb|HQ441862.1| Mosquito flavivirus isolate BO-
Aa6 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661157|gb|HQ441861.1| Mosquito flavivirus isolate RE-
Ae4 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
```



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# BLASTN 2.2.28+
# Query: gi|315661155|gb|HQ441860.1| Mosquito flavivirus isolate BO-
Aa5 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661153|gb|HQ441859.1| Mosquito flavivirus isolate BO-
Aa4 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661151|gb|HQ441858.1| Mosquito flavivirus isolate RE-
Aa3 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661149|gb|HQ441857.1| Mosquito flavivirus isolate BO-
Aa3 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661147|gb|HQ441856.1| Mosquito flavivirus isolate BO-
Aa2 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661145|gb|HQ441855.1| Mosquito flavivirus isolate BO-
Aa1 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661141|gb|HQ441853.1| Mosquito flavivirus isolate PC-
Aa2 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661139|gb|HQ441852.1| Mosquito flavivirus isolate MO-Aa
NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661137|gb|HQ441851.1| Mosquito flavivirus isolate RE-
Aa1 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661135|gb|HQ441850.1| Mosquito flavivirus isolate FE-
Aa4 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
```

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# Query: gi|315661133|gb|HQ441849.1| Mosquito flavivirus isolate FE-
Aa3 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661131|gb|HQ441848.1| Mosquito flavivirus isolate FE-
Aa2 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661129|gb|HQ441847.1| Mosquito flavivirus isolate FE-
Aa1 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661127|gb|HQ441846.1| Mosquito flavivirus isolate PC-
Aa1 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823503|dbj|AB488440.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Mie-19
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823501|dbj|AB488439.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Mie-1
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823499|dbj|AB488438.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Osaka-32
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823497|dbj|AB488437.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Toyama-13
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823495|dbj|AB488436.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Morioka-1
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823493|dbj|AB488435.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Hokkaido-4
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823491|dbj|AB488434.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Narita-1

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823489|dbj|AB488433.1| Culex flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Surabaya-2
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823447|dbj|AB488412.1| Aedes flavivirus gene for
polyprotein (NS5 region), partial cds, strain: Narita-24
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185909|dbj|AB813783.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-312_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185907|dbj|AB813782.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-311_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185905|dbj|AB813781.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-233_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|315661143|gb|HQ441854.1| Mosquito flavivirus isolate RE-
Aa2 NS5 gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185903|dbj|AB813780.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-227_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185901|dbj|AB813779.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-175_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185899|dbj|AB813778.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-174_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185897|dbj|AB813777.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-173_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found

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# BLASTN 2.2.28+
# Query: gi|544185895|dbj|AB813776.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-163_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185893|dbj|AB813775.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-158_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185891|dbj|AB813774.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-147_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185889|dbj|AB813773.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-141_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185887|dbj|AB813772.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-60_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185885|dbj|AB813771.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-55_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185883|dbj|AB813770.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-52_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185881|dbj|AB813769.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-50_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185879|dbj|AB813768.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-50_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185877|dbj|AB813767.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-48_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
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# Query: gi|544185875|dbj|AB813766.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-46_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185873|dbj|AB813765.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-45_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185871|dbj|AB813764.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-44_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185869|dbj|AB813763.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-43_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185867|dbj|AB813762.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-42_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185865|dbj|AB813761.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-23_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185863|dbj|AB813760.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-17_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185861|dbj|AB813759.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-16_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185859|dbj|AB813758.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-15_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185857|dbj|AB813757.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-11_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185855|dbj|AB813756.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-9_12
```

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185853|dbj|AB813755.1| Cell fusing agent virus NS3 gene
for non-structural protein 3, partial cds, strain: NS3-8_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823481|dbj|AB488429.1| Cell fusing agent virus gene for
polyprotein (NS3 region), partial cds, strain: Surabaya-12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823477|dbj|AB488427.1| Cell fusing agent virus gene for
polyprotein (NS3-h region), partial cds, strain: Surabaya-10
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823475|dbj|AB488426.1| Cell fusing agent virus gene for
polyprotein (NS3-s region), partial cds, strain: Surabaya-10
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823469|dbj|AB488423.1| Aedes flavivirus gene for
polyprotein (NS3-h region), partial cds, strain: Toyama-26
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823467|dbj|AB488422.1| Aedes flavivirus gene for
polyprotein (NS3-s region), partial cds, strain: Toyama-26
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823461|dbj|AB488419.1| Aedes flavivirus gene for
polyprotein (NS3-h region), partial cds, strain: Nagasaki-5
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823459|dbj|AB488418.1| Aedes flavivirus gene for
polyprotein (NS3-s region), partial cds, strain: Nagasaki-5
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823453|dbj|AB488415.1| Aedes flavivirus gene for
polyprotein (NS3 region), partial cds, strain: Mie-16
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823451|dbj|AB488414.1| Aedes flavivirus gene for
polyprotein (NS3 region), partial cds, strain: Mie-16
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
```

```
# BLASTN 2.2.28+
# Query: gi|251823487|dbj|AB488432.1| Culex flavivirus gene for
polyprotein (NS3-h region), partial cds, strain: Surabaya-2
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823485|dbj|AB488431.1| Culex flavivirus gene for
polyprotein (NS3-s region), partial cds, strain: Surabaya-2
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823445|dbj|AB488411.1| Aedes flavivirus gene for
polyprotein (NS3-h region), partial cds, strain: Narita-24
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823443|dbj|AB488410.1| Aedes flavivirus gene for
polyprotein (NS3-s region), partial cds, strain: Narita-24
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185851|dbj|AB813754.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E312_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185849|dbj|AB813753.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E311_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185847|dbj|AB813752.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E233_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185845|dbj|AB813751.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E227_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185843|dbj|AB813750.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E175_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185841|dbj|AB813749.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E174_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
```

```
# Query: gi|544185839|dbj|AB813748.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E173_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185837|dbj|AB813747.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E163_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185835|dbj|AB813746.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E158_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185833|dbj|AB813745.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E147_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185831|dbj|AB813744.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E141_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185829|dbj|AB813743.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E60_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185827|dbj|AB813742.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E55_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185825|dbj|AB813741.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E52_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185823|dbj|AB813740.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E50_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185821|dbj|AB813739.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E50_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185819|dbj|AB813738.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E48_12
```



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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185817|dbj|AB813737.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E46_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185815|dbj|AB813736.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E45_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185813|dbj|AB813735.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E44_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185811|dbj|AB813734.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E43_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185809|dbj|AB813733.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E42_08
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185807|dbj|AB813732.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E23_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185805|dbj|AB813731.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E17_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185803|dbj|AB813730.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E16_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185801|dbj|AB813729.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E15_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185799|dbj|AB813728.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E11_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
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# BLASTN 2.2.28+
# Query: gi|544185797|dbj|AB813727.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E9_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|544185795|dbj|AB813726.1| Cell fusing agent virus E gene
for envelope protein, partial cds, strain: E8_12
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823465|dbj|AB488421.1| Aedes flavivirus gene for
polyprotein (E region), partial cds, strain: Toyama-26
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823457|dbj|AB488417.1| Aedes flavivirus gene for
polyprotein (E region), partial cds, strain: Nagasaki-5
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823449|dbj|AB488413.1| Aedes flavivirus gene for
polyprotein (E region), partial cds, strain: Mie-16
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823441|dbj|AB488409.1| Aedes flavivirus gene for
polyprotein (E region), partial cds, strain: Narita-24
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|427379077|gb|JX860637.1| Aedes flavivirus strain A30
polymerase gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|427379075|gb|JX860636.1| Aedes flavivirus strain A22
polymerase gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|427379073|gb|JX860635.1| Aedes flavivirus strain A14
polymerase gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|427379071|gb|JX860634.1| Aedes flavivirus strain A4
polymerase gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+

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# Query: gi|9627242|ref|NC_001564.1| Cell fusing agent virus, complete
genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evaluate, bit
score
# 3 hits found
gi|9627242|ref|NC_001564.1| AAGE02006399.1  96.79 343  10  1  3923
    4264 6457 6799 1e-159 571
gi|9627242|ref|NC_001564.1| AAGE02006399.1  97.19 178  3  1  7321
    7496 6412 6235 6e-78 300
gi|9627242|ref|NC_001564.1| AAGE02006399.1  94.02 184  11  0  8559
    8742 6249 6066 7e-72 279
# BLASTN 2.2.28+
# Query: gi|33620713|ref|NC_005064.1| Kamiti River virus, complete
genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|30316448|gb|AY149904.1| Kamiti River virus isolate SR-75
polyprotein precursor, gene, complete cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|30316441|gb|AY149905.1| Kamiti River virus isolate SR-82
polyprotein precursor, gene, complete cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|254688376|ref|NC_012932.1| Aedes flavivirus genomic RNA,
complete genome, strain: Narita-21
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|251823439|dbj|AB488408.1| Aedes flavivirus genomic RNA,
complete genome, strain: Narita-21
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|480542369|gb|KC181923.1| Aedes flavivirus strain AEFV-
SPFLD-MO-2011-MP6, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647090|dbj|AB701774.1| Culex flavivirus RNA, complete
genome, strain: Toyama861
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647088|dbj|AB701773.1| Culex flavivirus RNA, complete
genome, strain: Toyama791
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC

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# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647086|dbj|AB701772.1| Culex flavivirus RNA, complete genome, strain: Toyama740
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647084|dbj|AB701771.1| Culex flavivirus RNA, complete genome, strain: Toyama75
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647082|dbj|AB701770.1| Culex flavivirus RNA, complete genome, strain: Toyama41
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647080|dbj|AB701769.1| Culex flavivirus RNA, complete genome, strain: Toyama1849
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647078|dbj|AB701768.1| Culex flavivirus RNA, complete genome, strain: Toyama1701
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647076|dbj|AB701767.1| Culex flavivirus RNA, complete genome, strain: Toyama734
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647074|dbj|AB701766.1| Culex flavivirus RNA, complete genome, strain: Toyama71
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|440647094|dbj|AB701776.1| Culex flavivirus RNA, complete genome, strain: Toyama2627
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|380851304|gb|JQ308190.1| Culex flavivirus isolate DG1007, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|380851302|gb|JQ308189.1| Culex flavivirus isolate DG1068, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
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# Query: gi|380851300|gb|JQ308188.1| Culex flavivirus isolate DG1064,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|380851298|gb|JQ308187.1| Culex flavivirus isolate HLD105,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|380851296|gb|JQ308186.1| Culex flavivirus isolate HLD102,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|247893526|gb|FJ663034.1| Culex flavivirus isolate Iowa07,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|219944306|gb|FJ502995.1| Culex flavivirus strain HOU24518,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|166159177|ref|NC_008604.2| Culex flavivirus, complete
genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|215274030|gb|EU879060.1| Culex flavivirus strain CxFV-
Mex07, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|229904919|ref|NC_012671.1| Quang Binh virus, complete
genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|229270300|gb|FJ644291.1| Quang Binh virus isolate VN180,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|226374362|gb|AY632535.2| Zika virus strain MR 766,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|62421411|gb|AY898809.1| Alfuy virus strain MRM3929,
complete genome

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|226374363|gb|AY632536.4| Bussuquara virus strain BeAn
4073, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|54287947|gb|AY762084.1| Dengue virus type 1 strain
Singapore 8114/93, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|1854036|gb|U88535.1|DVU88535 Dengue virus type 1 clone
WestPac, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|56809013|gb|AY702040.1| Dengue virus type 2 strain
I348600, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|77024326|gb|DQ181799.1| Dengue virus type 2 strain
ThD2_0017_98, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|145413601|gb|AY858044.2| Dengue virus 3 strain KJ71,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|58200446|gb|AY744685.1| Dengue virus type 3 isolate
PF94/136116, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|145413606|gb|AY858047.2| Dengue virus 3 strain TB16,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|54287949|gb|AY762085.1| Dengue virus type 4 strain
Singapore 8976/95, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|53653742|gb|AY618988.1| Dengue virus type 4 strain
ThD4_0476_97, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found

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# BLASTN 2.2.28+
# Query: gi|9626460|ref|NC_001437.1| Japanese encephalitis virus,
genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|331329|gb|M18370.1|JEVCG Japanese encephalitis virus
(strain JaOArS982), complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|6970067|gb|AF221499.1| Japanese encephalitis virus isolate
CH2195LA, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|81687252|dbj|AB241119.1| Japanese encephalitis virus
genomic RNA, complete genome, strain: JEV/sw/Mie/41/2002
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|56744202|dbj|AB196925.1| Japanese encephalitis virus
genomic RNA, complete genome, clone:JEV-rAT
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|119067955|gb|EF107523.1| Japanese encephalitis virus
strain WHe, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|226374366|gb|AY632540.2| Kedougou virus strain DakAar
D1470, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|226374367|gb|AY632541.4| Kokobera virus strain AusMRM 32,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|294719514|ref|NC_009029.2| Kokobera virus, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|6175826|gb|AF161266.1| Murray Valley encephalitis virus
strain MVE-1-51, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|226534288|gb|AY632542.4| Rocio virus strain SPH 34675,
complete genome

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|109692178|gb|DQ525916.1| St. Louis encephalitis virus
strain Kern217, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|45378907|gb|AY453411.1| Usutu virus strain Vienna 2001
from Austria, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|56692441|ref|NC_006551.1| Usutu virus, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|45378909|gb|AY453412.1| Usutu virus strain SAAR-1776 from
South Africa, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|83699610|gb|DQ256376.1| West Nile virus strain 804994,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|30349729|gb|AY278441.1| West Nile virus isolate Ast99-901,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|84028434|gb|DQ318020.1| Wets Nile virus strain ArB3573/82,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|9930135|gb|AF260968.1| West Nile virus strain Eg101,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|73913543|gb|DQ116961.1| West Nile virus isolate goshawk-
Hungary/04, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|89148117|gb|DQ118127.1| West Nile virus isolate goose-
Hungary/03, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
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# Query: gi|30349725|gb|AY277251.1| West Nile virus isolate LEIV-
Krnd88-190, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|30349731|gb|AY278442.1| West Nile virus isolate LEIV-
Vlg00-27924, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|58702120|gb|AY765264.1| West Nile virus strain Rabensburg
isolate 97-103, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|51095221|gb|AY688948.1| West Nile virus strain Sarafend,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|9627244|ref|NC_002031.1| Yellow fever virus, complete
genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|63147726|gb|AY968064.1| Yellow fever virus strain
Angola71, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|63147728|gb|AY968065.1| Yellow fever virus strain
Uganda48a, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|226374364|gb|AY632538.4| Iguape virus strain SPAn 71686,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|22474435|emb|AJ299445.1| Montana myotis leukoencephalitis
virus complete genomic RNA
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|20178608|ref|NC_003675.1| Rio Bravo virus, genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|383215103|gb|JQ582840.1| Rio Bravo virus strain M64,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC

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# 0 hits found
# BLASTN 2.2.28+
# Query: gi|82791368|gb|DQ235145.1| Gadgets Gully virus from Australia
polyprotein gene, complete cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|82791370|gb|DQ235146.1| Kadam virus from Uganda
polyprotein gene, complete cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|92090928|gb|DQ462443.1| Karshi virus strain LEIV-7192 Tur,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|20260781|ref|NC_003690.1| Langat virus, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|33589253|ref|NC_005062.1| Omsk hemorrhagic fever virus,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|33520436|gb|AY193805.1| Omsk hemorrhagic fever virus
strain Bogoluvovska, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|41019254|gb|AY438626.1| Omsk hemorrhagic fever virus
strain Kubrin, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|20260779|ref|NC_003687.1| Powassan virus, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|300834854|gb|HM440563.1| Powassan virus strain 64-7062
isolate POWANY64, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|300834852|gb|HM440562.1| Powassan virus isolate DTVWiC08,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|300834846|gb|HM440559.1| Powassan virus strain NFS001
isolate DTVMa96, complete genome

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|345294801|gb|HQ231415.1| Powassan virus strain Ternay,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|345294799|gb|HQ231414.1| Powassan virus strain Ulysses,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|300834844|gb|HM440558.1| Powassan virus strain wicf9901
isolate DTVWi99, complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|9628431|ref|NC_001672.1| Tick-borne encephalitis virus,
complete genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|30385207|gb|AY217093.1| Tick-borne encephalitis virus
strain MDJ-01 nonfunctional polyprotein gene, complete sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|21397174|ref|NC_003996.1| Tamana bat virus, genome
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|33285930|gb|AY223845.1| Aedes albopictus containing
putative integrated non-retroviral sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|33285929|gb|AY223844.1| Aedes albopictus containing
putative integrated non-retroviral sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score
# 1167 hits found
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3033 11508 11793 3e-91 342
gi|33285929|gb|AY223844.1| AAGE02013667.1 100.00 29 0 0
2961 2989 21710 21682 1e-04 54.7
gi|33285929|gb|AY223844.1| AAGE02003018.1 90.07 282 28 0 2753
3034 13559 13278 2e-98 366

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	3036 67874 68160	1e-90 340					
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	2991 11468 11228	1e-65 257					
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	2990 72851 73074	3e-51 209					
gi	33285929 gb AY223844.1	AAGE02000173.1	91.13	124	9	2	2868
	2989 48954 48831	2e-38 167					
gi	33285929 gb AY223844.1	AAGE02033019.1	88.65	282	27	5	2757
	3035 3785 4064	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02027947.1	88.42	285	27	6	2758
	3038 56010 56292	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02027947.1	88.21	246	22	7	2751
	2990 46407 46651	1e-74 287					
gi	33285929 gb AY223844.1	AAGE02027947.1	88.89	135	15	0	2904
	3038 61173 61307	2e-38 167					
gi	33285929 gb AY223844.1	AAGE02023300.1	88.19	288	28	6	2751
	3035 67054 67338	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02019107.1	88.19	288	29	5	2751
	3035 301 16	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02019107.1	83.57	213	25	8	2781
	2990 52668 52463	1e-45 191					
gi	33285929 gb AY223844.1	AAGE02018191.1	88.19	288	29	5	2751
	3035 12740 13025	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02018191.1	83.33	282	31	6	2757
	3035 14965 15233	2e-62 246					
gi	33285929 gb AY223844.1	AAGE02018191.1	85.23	176	21	4	2752
	2922 14243 14418	3e-41 176					
gi	33285929 gb AY223844.1	AAGE02018034.1	88.15	287	31	3	2751
	3035 37376 37661	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02018034.1	89.54	239	19	6	2757
	2989 61030 60792	6e-78 298					
gi	33285929 gb AY223844.1	AAGE02017350.1	88.19	288	29	5	2751
	3035 6479 6764	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02015586.1	88.42	285	28	5	2754
	3035 153204 152922	4e-90 339					
gi	33285929 gb AY223844.1	AAGE02015586.1	86.57	283	34	4	2756
	3035 166492 166211	3e-81 309					
gi	33285929 gb AY223844.1	AAGE02015586.1	85.47	289	36	5	2752
	3035 52839 53126	2e-77 296					

gi 33285929 gb AY223844.1	AAGE02015586.1	85.83	247	28	6	2749
2989 24740 24495 4e-65 255						
gi 33285929 gb AY223844.1	AAGE02015586.1	84.30	242	20	8	2761
2997 12764 12536 1e-54 220						
gi 33285929 gb AY223844.1	AAGE02015586.1	83.40	241	31	6	2759
2990 92333 92573 6e-53 215						
gi 33285929 gb AY223844.1	AAGE02015586.1	86.36	154	17	4	2841
2990 160337 160490 7e-38 165						
gi 33285929 gb AY223844.1	AAGE02014382.1	88.19	288	28	6	2752
3035 113029 113314 4e-90 339						
gi 33285929 gb AY223844.1	AAGE02014382.1	87.29	236	23	6	2760
2990 125522 125755 2e-67 263						
gi 33285929 gb AY223844.1	AAGE02014382.1	86.43	221	25	5	2775
2990 49422 49642 1e-59 237						
gi 33285929 gb AY223844.1	AAGE02012236.1	88.93	280	24	7	2760
3035 173654 173930 4e-90 339						
gi 33285929 gb AY223844.1	AAGE02012236.1	86.32	285	35	4	2754
3035 83479 83762 1e-80 307						
gi 33285929 gb AY223844.1	AAGE02012236.1	86.31	241	26	6	2755
2990 210713 210951 4e-65 255						
gi 33285929 gb AY223844.1	AAGE02007028.1	88.38	284	29	4	2755
3035 29233 28951 4e-90 339						
gi 33285929 gb AY223844.1	AAGE02001106.1	87.42	302	28	9	2739
3035 76484 76188 4e-90 339						
gi 33285929 gb AY223844.1	AAGE02001106.1	87.46	287	33	3	2751
3035 53824 54109 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02001106.1	85.29	238	29	6	2758
2990 22365 22129 1e-60 241						
gi 33285929 gb AY223844.1	AAGE02030305.1	88.61	281	27	5	2756
3033 14745 15023 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02025626.1	88.38	284	27	6	2759
3038 2372 2091 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02025256.1	87.93	290	29	6	2753
3038 3347 3634 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02022773.1	87.93	290	29	6	2753
3038 80632 80919 1e-89 337						
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2990 141413 141657 6e-63 248						
gi 33285929 gb AY223844.1	AAGE02022773.1	83.97	237	29	9	2760
2990 124751 124984 5e-54 219						
gi 33285929 gb AY223844.1	AAGE02019643.1	88.15	287	29	5	2751
3034 84032 83748 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02019643.1	87.24	243	21	8	2758
2990 116237 115995 5e-69 268						
gi 33285929 gb AY223844.1	AAGE02019340.1	88.38	284	27	6	2759
3038 33856 34137 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02019340.1	93.48	92	6	0	2761
2852 67434 67525 1e-29 137						
gi 33285929 gb AY223844.1	AAGE02017862.1	88.38	284	27	6	2759
3038 7600 7881 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02017556.1	88.38	284	27	6	2759
3038 88132 88413 1e-89 337						

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	2990 20631 20874 6e-88 331						
gi	33285929 gb AY223844.1	AAGE02017556.1	85.07	221	26	7	2775
	2990 136075 135857 5e-54 219						
gi	33285929 gb AY223844.1	AAGE02017118.1	88.15	287	29	5	2752
	3035 26999 27283 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02017118.1	86.61	239	27	5	2757
	2990 121290 121528 3e-66 259						
gi	33285929 gb AY223844.1	AAGE02016827.1	88.38	284	28	5	2755
	3035 30572 30291 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02016697.1	88.38	284	27	6	2759
	3038 2735 3016 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02015978.1	87.13	303	32	6	2743
	3040 63902 63602 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02015978.1	87.79	172	17	4	2823
	2990 7061 6890 6e-48 198						
gi	33285929 gb AY223844.1	AAGE02015797.1	88.38	284	27	6	2759
	3038 304079 304360 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02015797.1	85.61	285	36	5	2754
	3035 491557 491839 8e-77 294						
gi	33285929 gb AY223844.1	AAGE02015797.1	87.14	210	24	2	2756
	2962 164629 164420 5e-59 235						
gi	33285929 gb AY223844.1	AAGE02015797.1	84.06	251	33	6	2753
	2997 422433 422682 5e-59 235						
gi	33285929 gb AY223844.1	AAGE02015797.1	84.92	199	24	4	2795
	2989 493112 492916 2e-47 196						
gi	33285929 gb AY223844.1	AAGE02015797.1	79.34	242	39	8	2753
	2990 225623 225389 3e-36 159						
gi	33285929 gb AY223844.1	AAGE02015797.1	94.03	67	3	1	2751
	2817 111573 111508 2e-18 100						
gi	33285929 gb AY223844.1	AAGE02015321.1	87.93	290	29	6	2754
	3039 20898 21185 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02014388.1	87.93	290	30	5	2749
	3035 491010 491297 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02014388.1	87.19	281	31	5	2758
	3035 99288 99010 6e-83 315						
gi	33285929 gb AY223844.1	AAGE02014388.1	87.82	238	24	5	2757
	2989 349632 349869 1e-70 274						
gi	33285929 gb AY223844.1	AAGE02014388.1	85.51	214	27	3	2752
	2961 279750 279963 1e-54 220						
gi	33285929 gb AY223844.1	AAGE02014388.1	83.26	227	25	9	2759
	2980 132202 131984 2e-47 196						
gi	33285929 gb AY223844.1	AAGE02014388.1	82.69	156	17	6	2839
	2990 521455 521306 2e-27 130						
gi	33285929 gb AY223844.1	AAGE02014388.1	82.88	146	22	3	2758
	2900 360511 360656 9e-27 128						
gi	33285929 gb AY223844.1	AAGE02014388.1	90.11	91	9	0	2751
	2841 468415 468325 5e-24 119						
gi	33285929 gb AY223844.1	AAGE02012796.1	87.93	290	29	6	2751
	3036 4331 4618 1e-89 337						
gi	33285929 gb AY223844.1	AAGE02009544.1	88.65	282	25	7	2758
	3035 4057 4335 1e-89 337						

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2990 1002 1238 8e-67 261						
gi 33285929 gb AY223844.1	AAGE02008981.1	88.15	287	29	5	2751
3034 40034 40318 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02008981.1	85.29	238	31	4	2757
2990 195041 194804 3e-61 243						
gi 33285929 gb AY223844.1	AAGE02008981.1	86.16	224	26	5	2769
2987 143382 143159 1e-59 237						
gi 33285929 gb AY223844.1	AAGE02008981.1	97.14	35	1	0	3174
3208 173348 173314 3e-06 60.2						
gi 33285929 gb AY223844.1	AAGE02008928.1	88.15	287	29	5	2749
3033 66185 66468 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02008928.1	86.27	284	32	7	2756
3035 100193 100473 5e-79 302						
gi 33285929 gb AY223844.1	AAGE02008928.1	84.93	292	37	5	2750
3035 21142 20852 4e-75 289						
gi 33285929 gb AY223844.1	AAGE02008928.1	87.70	244	23	7	2751
2988 86006 85764 8e-72 278						
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3035 7707 7985 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02003413.1	88.11	286	31	3	2752
3035 19034 18750 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02000237.1	88.15	287	29	5	2752
3035 7858 8142 1e-89 337						
gi 33285929 gb AY223844.1	AAGE02024932.1	87.89	289	30	5	2750
3035 22185 22471 5e-89 335						
gi 33285929 gb AY223844.1	AAGE02019279.1	88.15	287	27	7	2754
3035 4425 4709 5e-89 335						
gi 33285929 gb AY223844.1	AAGE02015423.1	88.34	283	28	5	2756
3035 208169 208449 5e-89 335						
gi 33285929 gb AY223844.1	AAGE02015423.1	88.66	238	23	4	2757
2990 210616 210853 1e-74 287						
gi 33285929 gb AY223844.1	AAGE02015423.1	84.62	286	40	4	2750
3032 350929 350645 6e-73 281						
gi 33285929 gb AY223844.1	AAGE02015423.1	88.19	237	22	6	2759
2990 88367 88602 8e-72 278						
gi 33285929 gb AY223844.1	AAGE02015423.1	86.25	240	26	7	2758
2990 3701 3940 1e-64 254						
gi 33285929 gb AY223844.1	AAGE02013686.1	88.07	285	30	4	2754
3035 130826 130543 5e-89 335						
gi 33285929 gb AY223844.1	AAGE02013686.1	87.92	240	23	6	2757
2990 116725 116964 8e-72 278						
gi 33285929 gb AY223844.1	AAGE02013686.1	87.71	236	24	4	2760
2990 78805 79040 1e-69 270						
gi 33285929 gb AY223844.1	AAGE02013686.1	85.04	234	21	11	2760
2988 117551 117327 3e-56 226						
gi 33285929 gb AY223844.1	AAGE02013686.1	100.00		31	0	0
2941 2971 30152 30122 1e-05 58.4						
gi 33285929 gb AY223844.1	AAGE02009977.1	87.63	291	32	4	2751
3038 96814 97103 5e-89 335						
gi 33285929 gb AY223844.1	AAGE02009977.1	88.89	243	21	6	2753
2989 16061 15819 8e-77 294						

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	3037 6214 5931 5e-89 335						
gi	33285929 gb AY223844.1	AAGE02008468.1	86.50	237	20	8	2760
	2990 80592 80362 2e-63 250						
gi	33285929 gb AY223844.1	AAGE02006466.1	88.34	283	28	5	2756
	3035 10517 10797 5e-89 335						
gi	33285929 gb AY223844.1	AAGE02005700.1	88.42	285	23	9	2753
	3032 6765 7044 5e-89 335						
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	2990 48746 48990 6e-58 231						
gi	33285929 gb AY223844.1	AAGE02005699.1	83.44	157	22	3	2792
	2944 584 428 3e-31 143						
gi	33285929 gb AY223844.1	AAGE02004416.1	88.34	283	28	5	2756
	3035 18893 19173 5e-89 335						
gi	33285929 gb AY223844.1	AAGE02004136.1	88.34	283	28	5	2756
	3035 19550 19270 5e-89 335						
gi	33285929 gb AY223844.1	AAGE02003905.1	87.89	289	29	6	2751
	3035 3048 2762 5e-89 335						
gi	33285929 gb AY223844.1	AAGE02003905.1	89.30	243	21	5	2751
	2988 122602 122844 2e-78 300						
gi	33285929 gb AY223844.1	AAGE02003905.1	81.89	243	19	13	2756
	2990 1947 1722 7e-43 182						
gi	33285929 gb AY223844.1	AAGE02003905.1	93.88	49	2	1	2943
	2990 96367 96319 4e-10 73.1						
gi	33285929 gb AY223844.1	AAGE02002919.1	88.11	286	29	5	2753
	3035 25751 26034 5e-89 335						
gi	33285929 gb AY223844.1	AAGE02002919.1	86.79	212	23	5	2763
	2971 15371 15580 6e-58 231						
gi	33285929 gb AY223844.1	AAGE02002919.1	91.18	68	4	2	2759
	2825 106040 106106 1e-15 91.6						
gi	33285929 gb AY223844.1	AAGE02025207.1	88.30	282	28	5	2757
	3035 15892 16171 2e-88 333						
gi	33285929 gb AY223844.1	AAGE02022845.1	87.85	288	30	5	2751
	3035 30496 30211 2e-88 333						
gi	33285929 gb AY223844.1	AAGE02022250.1	87.80	287	32	3	2751
	3035 4750 5035 2e-88 333						
gi	33285929 gb AY223844.1	AAGE02018482.1	88.30	282	28	5	2757
	3035 23316 23595 2e-88 333						
gi	33285929 gb AY223844.1	AAGE02018018.1	88.11	286	26	8	2752
	3034 115524 115804 2e-88 333						
gi	33285929 gb AY223844.1	AAGE02018018.1	86.97	238	25	6	2759
	2990 80882 81119 2e-67 263						
gi	33285929 gb AY223844.1	AAGE02017689.1	86.16	318	33	10	2738
	3048 58616 58929 2e-88 333						
gi	33285929 gb AY223844.1	AAGE02017689.1	88.35	206	20	4	2752
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	2894 10343 10201 2e-23 117						
gi	33285929 gb AY223844.1	AAGE02016892.1	88.30	282	28	5	2757
	3035 59519 59798 2e-88 333						

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gi 33285929 gb AY223844.1	AAGE02016477.1	88.03	284	31	3	2755
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gi 33285929 gb AY223844.1	AAGE02013860.1	86.75	302	36	4	2740
3039 52488 52787 2e-88	333					
gi 33285929 gb AY223844.1	AAGE02013860.1	80.33	239	23	9	2754
2987 20971 21190 3e-36	159					
gi 33285929 gb AY223844.1	AAGE02011160.1	87.85	288	30	5	2751
3035 6877 7162 2e-88	333					
gi 33285929 gb AY223844.1	AAGE02010971.1	88.07	285	29	5	2754
3035 8379 8661 2e-88	333					
gi 33285929 gb AY223844.1	AAGE02010005.1	87.85	288	30	5	2751
3035 147116 146831	2e-88 333					
gi 33285929 gb AY223844.1	AAGE02010005.1	85.99	207	25	3	2749
2952 108136 107931	5e-54 219					
gi 33285929 gb AY223844.1	AAGE02009302.1	87.93	290	26	9	2751
3035 147589 147874	2e-88 333					
gi 33285929 gb AY223844.1	AAGE02009302.1	87.80	246	23	7	2751
2990 55341 55585 6e-73	281					
gi 33285929 gb AY223844.1	AAGE02009302.1	86.18	246	28	6	2751
2990 146328 146573	8e-67 261					
gi 33285929 gb AY223844.1	AAGE02009302.1	83.26	239	28	8	2802
3036 1331 1561 3e-51	209					
gi 33285929 gb AY223844.1	AAGE02008544.1	87.80	287	31	4	2751
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gi 33285929 gb AY223844.1	AAGE02006950.1	87.89	289	28	6	2756
3039 97583 97869 2e-88	333					
gi 33285929 gb AY223844.1	AAGE02006950.1	86.24	218	19	4	2760
2974 95398 95607 3e-56	226					
gi 33285929 gb AY223844.1	AAGE02006950.1	86.56	186	19	4	2809
2990 89985 90168 2e-48	200					
gi 33285929 gb AY223844.1	AAGE02006759.1	88.07	285	29	5	2754
3035 16206 15924 2e-88	333					
gi 33285929 gb AY223844.1	AAGE02006759.1	83.47	242	26	10	2755
2990 41608 41841 2e-52	213					
gi 33285929 gb AY223844.1	AAGE02006260.1	85.58	326	38	9	2739
3060 37272 37592 2e-88	333					
gi 33285929 gb AY223844.1	AAGE02004064.1	88.07	285	29	5	2754
3035 151343 151625	2e-88 333					
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2990 245553 245317	2e-73 283					
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2974 31261 31461 3e-26	126					
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2815 86359 86304 7e-13	82.4					
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2990 5155 5217 3e-11	76.8					
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3035 46810 47092 2e-88	333					

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	2990 102030 101793	3e-71 276					
gi	33285929 gb AY223844.1	AAGE02003267.1	93.27	104	6	1	2889
	2991 35425 35322	5e-34 152					
gi	33285929 gb AY223844.1	AAGE02003267.1	81.40	172	24	5	2763
	2931 86774 86608	2e-28 134					
gi	33285929 gb AY223844.1	AAGE02003267.1	91.30	46	4	0	2763
	2808 116191 116236	2e-07 63.9					
gi	33285929 gb AY223844.1	AAGE02001592.1	87.80	287	32	3	2751
	3035 7486 7771	2e-88 333					
gi	33285929 gb AY223844.1	AAGE02001592.1	88.14	236	22	6	2760
	2990 19019 18785	3e-71 276					
gi	33285929 gb AY223844.1	AAGE02001592.1	86.78	242	16	10	2754
	2989 34148 33917	4e-65 255					
gi	33285929 gb AY223844.1	AAGE02000264.1	87.80	287	32	3	2751
	3035 158161 158446	2e-88 333					
gi	33285929 gb AY223844.1	AAGE02000264.1	85.41	281	33	8	2753
	3027 78939 79217	5e-74 285					
gi	33285929 gb AY223844.1	AAGE02000264.1	85.23	237	28	6	2758
	2990 96730 96963	1e-59 237					
gi	33285929 gb AY223844.1	AAGE02000264.1	84.62	234	29	6	2763
	2990 143487 143255	3e-56 226					
gi	33285929 gb AY223844.1	AAGE02000264.1	81.60	212	34	4	2787
	2994 173296 173086	1e-39 171					
gi	33285929 gb AY223844.1	AAGE02000264.1	89.32	103	11	0	2760
	2862 108929 108827	2e-27 130					
gi	33285929 gb AY223844.1	AAGE02032376.1	88.03	284	29	5	2751
	3031 2859 2578	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02032148.1	87.85	288	28	6	2753
	3035 4164 4449	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02030433.1	87.99	283	30	4	2751
	3031 18365 18085	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02028220.1	87.76	286	32	3	2752
	3035 3192 3476	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02024988.1	88.03	284	29	5	2755
	3035 85570 85289	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02024988.1	88.84	242	21	5	2755
	2990 20705 20946	3e-76 292					
gi	33285929 gb AY223844.1	AAGE02024708.1	86.60	306	33	7	2751
	3053 131 431	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02024578.1	87.76	286	31	4	2753
	3035 46343 46627	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02024578.1	85.14	222	25	8	2754
	2969 48763 48544	1e-54 220					
gi	33285929 gb AY223844.1	AAGE02023133.1	87.76	286	32	3	2752
	3035 2455 2739	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02021278.1	87.76	286	32	3	2752
	3035 17568 17852	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02021278.1	85.79	197	23	4	2763
	2955 25391 25586	1e-49 204					
gi	33285929 gb AY223844.1	AAGE02018609.1	88.03	284	29	5	2758
	3038 13775 13494	6e-88 331					

gi	33285929 gb AY223844.1	AAGE02017909.1	91.43	245	16	5	2751
	2990 244464 244708	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02017909.1	85.04	234	31	3	2761
	2990 122750 122517	5e-59 235					
gi	33285929 gb AY223844.1	AAGE02017909.1	83.15	178	22	5	2798
	2972 9191 9019	4e-35 156					
gi	33285929 gb AY223844.1	AAGE02017909.1	90.72	97	8	1	2895
	2990 111918 112014	9e-27 128					
gi	33285929 gb AY223844.1	AAGE02014466.1	87.76	286	32	3	2752
	3035 52192 51908	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02014466.1	85.46	282	38	3	2756
	3035 222862 223142	1e-75 291					
gi	33285929 gb AY223844.1	AAGE02014466.1	88.07	243	22	6	2755
	2990 126919 126677	6e-73 281					
gi	33285929 gb AY223844.1	AAGE02014466.1	85.77	239	22	8	2759
	2990 297939 298172	3e-61 243					
gi	33285929 gb AY223844.1	AAGE02014466.1	84.75	236	29	6	2760
	2990 231172 231405	2e-57 230					
gi	33285929 gb AY223844.1	AAGE02014466.1	81.70	235	34	8	2764
	2990 162726 162493	1e-44 187					
gi	33285929 gb AY223844.1	AAGE02014466.1	88.30	94	10	1	2879
	2972 243639 243547	9e-22 111					
gi	33285929 gb AY223844.1	AAGE02011036.1	88.03	284	29	5	2755
	3035 253386 253105	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02011036.1	85.46	282	38	3	2756
	3035 276245 276525	1e-75 291					
gi	33285929 gb AY223844.1	AAGE02011036.1	84.51	284	40	4	2755
	3035 214209 213927	8e-72 278					
gi	33285929 gb AY223844.1	AAGE02011036.1	85.48	248	28	4	2751
	2990 154277 154524	5e-64 252					
gi	33285929 gb AY223844.1	AAGE02011036.1	86.08	237	27	5	2760
	2990 105073 104837	2e-63 250					
gi	33285929 gb AY223844.1	AAGE02011036.1	86.78	227	25	4	2768
	2989 288787 288561	6e-63 248					
gi	33285929 gb AY223844.1	AAGE02011036.1	91.27	126	9	2	2758
	2881 162234 162109	1e-39 171					
gi	33285929 gb AY223844.1	AAGE02009062.1	88.03	284	29	5	2755
	3035 16467 16186	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02007807.1	87.80	287	29	6	2753
	3036 82035 81752	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02007807.1	88.80	241	21	6	2756
	2990 1703 1463	1e-75 291					
gi	33285929 gb AY223844.1	AAGE02007807.1	82.73	278	39	6	2759
	3035 119357 119088	4e-60 239					
gi	33285929 gb AY223844.1	AAGE02007807.1	80.72	306	32	15	2739
	3035 168789 169076	2e-52 213					
gi	33285929 gb AY223844.1	AAGE02007640.1	87.46	295	27	9	2751
	3038 50521 50812	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02007640.1	87.39	238	24	6	2758
	2990 97188 96952	5e-69 268					
gi	33285929 gb AY223844.1	AAGE02007476.1	87.76	286	32	3	2752
	3035 27609 27893	6e-88 331					

gi	33285929 gb AY223844.1	AAGE02007476.1	85.92	284	35	5	2755
	3035 214236 213955	6e-78 298					
gi	33285929 gb AY223844.1	AAGE02007476.1	88.19	237	22	5	2760
	2990 223024 223260	8e-72 278					
gi	33285929 gb AY223844.1	AAGE02007476.1	86.48	244	29	3	2751
	2990 172077 172320	6e-68 265					
gi	33285929 gb AY223844.1	AAGE02007476.1	83.82	241	35	4	2754
	2990 200319 200079	3e-56 226					
gi	33285929 gb AY223844.1	AAGE02006790.1	88.26	281	28	5	2758
	3035 160415 160137	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02006790.1	88.80	241	21	6	2756
	2990 76478 76238	1e-75 291					
gi	33285929 gb AY223844.1	AAGE02006790.1	87.08	240	25	6	2757
	2990 124246 124007	2e-68 267					
gi	33285929 gb AY223844.1	AAGE02006278.1	87.76	286	32	3	2752
	3035 13876 14160	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02005462.1	92.02	238	16	3	2756
	2990 22974 22737	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02005462.1	87.03	239	25	5	2756
	2988 11587 11825	6e-68 265					
gi	33285929 gb AY223844.1	AAGE02004965.1	87.80	287	29	6	2753
	3035 1549 1265	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02004965.1	97.14	35	1	0	3174
	3208 61971 61937	3e-06 60.2					
gi	33285929 gb AY223844.1	AAGE02003017.1	87.99	283	30	4	2758
	3037 37773 37492	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02003017.1	87.76	237	24	5	2759
	2990 29464 29228	4e-70 272					
gi	33285929 gb AY223844.1	AAGE02003017.1	82.92	240	26	9	2757
	2990 22195 22425	5e-49 202					
gi	33285929 gb AY223844.1	AAGE02002771.1	87.99	283	31	3	2755
	3035 77248 77529	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02002771.1	84.52	239	33	4	2756
	2990 38650 38888	2e-58 233					
gi	33285929 gb AY223844.1	AAGE02001263.1	87.54	289	32	4	2753
	3038 81587 81300	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02001257.1	87.99	283	30	4	2755
	3035 140616 140896	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02001257.1	93.02	43	2	1	3166
	3208 112856 112815	9e-07 62.1					
gi	33285929 gb AY223844.1	AAGE02001027.1	87.72	285	33	2	2752
	3035 12930 13213	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02000849.1	87.80	287	30	5	2752
	3035 33105 33389	6e-88 331					
gi	33285929 gb AY223844.1	AAGE02000849.1	86.71	286	32	6	2753
	3035 59177 59459	2e-82 313					
gi	33285929 gb AY223844.1	AAGE02034198.1	86.56	305	33	8	2748
	3048 7065 7365	2e-87 329					
gi	33285929 gb AY223844.1	AAGE02032975.1	87.54	289	30	6	2749
	3035 1277 993	2e-87 329					
gi	33285929 gb AY223844.1	AAGE02032975.1	87.61	234	23	6	2763
	2990 10852 10619	2e-68 267					

gi	33285929 gb AY223844.1	AAGE02032806.1	87.99	283	29	5	2756
	3035 702 982 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02027584.1	87.50	288	32	4	2751
	3035 119074 118788 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02027584.1	87.74	212	20	5	2784
	2990 143027 143237 3e-61 243						
gi	33285929 gb AY223844.1	AAGE02027584.1	85.06	241	30	6	2754
	2990 76178 75940 1e-60 241						
gi	33285929 gb AY223844.1	AAGE02026853.1	87.76	286	30	5	2753
	3035 32368 32085 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02025335.1	87.29	291	34	3	2752
	3040 32666 32955 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02025335.1	85.91	220	23	7	2760
	2974 1584 1800 8e-57 228						
gi	33285929 gb AY223844.1	AAGE02024616.1	87.76	286	30	4	2752
	3035 7432 7714 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02022428.1	91.67	240	16	4	2755
	2990 3761 3522 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02021067.1	87.94	282	31	3	2756
	3035 26073 26353 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02021067.1	86.76	68	4	1	2778
	2845 37408 37470 1e-09 71.3						
gi	33285929 gb AY223844.1	AAGE02020569.1	87.29	291	34	3	2752
	3040 3894 4183 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02020569.1	89.72	107	9	2	2757
	2862 190228 190123 5e-29 135						
gi	33285929 gb AY223844.1	AAGE02019536.1	87.12	295	33	5	2751
	3041 66627 66334 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02019536.1	94.03	67	3	1	2909
	2974 26645 26711 2e-18 100						
gi	33285929 gb AY223844.1	AAGE02018814.1	87.54	289	30	6	2752
	3036 1659 1373 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02017541.1	87.50	288	32	4	2751
	3035 39033 38747 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02016020.1	87.50	288	32	4	2751
	3035 115673 115387 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02016020.1	88.03	234	23	4	2761
	2989 8216 8449 4e-70 272						
gi	33285929 gb AY223844.1	AAGE02015348.1	87.12	295	32	6	2748
	3038 57888 58180 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02014862.1	86.91	298	33	6	2751
	3045 51807 51513 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02014862.1	86.43	280	35	3	2758
	3035 138061 137783 1e-79 303						
gi	33285929 gb AY223844.1	AAGE02014053.1	87.50	288	33	3	2752
	3037 87435 87721 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02014053.1	83.26	221	21	9	2760
	2965 28658 28877 4e-45 189						
gi	33285929 gb AY223844.1	AAGE02011866.1	86.71	301	35	5	2737
	3035 33781 33484 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02010183.1	87.80	287	28	7	2754
	3035 60961 60677 2e-87 329						

gi	33285929 gb AY223844.1	AAGE02010183.1	89.11 248	19	8	2750
	2990 19723 19477 5e-79 302					
gi	33285929 gb AY223844.1	AAGE02010183.1	87.76 245	24	5	2752
	2990 97785 98029 6e-73 281					
gi	33285929 gb AY223844.1	AAGE02009085.1	87.12 295	33	5	2745
	3035 37404 37697 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02009085.1	90.20 245	19	5	2761
	3002 44994 44752 6e-83 315					
gi	33285929 gb AY223844.1	AAGE02008425.1	87.76 286	30	5	2753
	3035 135111 134828 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02008425.1	83.83 235	25	7	2752
	2974 195704 195937 8e-52 211					
gi	33285929 gb AY223844.1	AAGE02008162.1	87.50 288	32	4	2754
	3038 101810 102096 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02008162.1	85.60 125	13	5	2756
	2876 51311 51188 3e-26 126					
gi	33285929 gb AY223844.1	AAGE02007486.1	87.50 288	32	4	2750
	3035 500004 499719 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02007486.1	86.06 287	35	5	2753
	3035 132776 133061 1e-79 303					
gi	33285929 gb AY223844.1	AAGE02007486.1	89.45 237	19	5	2760
	2990 383726 383490 8e-77 294					
gi	33285929 gb AY223844.1	AAGE02007486.1	83.39 307	40	10	2746
	3047 344732 345032 1e-70 274					
gi	33285929 gb AY223844.1	AAGE02007486.1	85.48 241	28	7	2752
	2985 304171 303931 8e-62 244					
gi	33285929 gb AY223844.1	AAGE02007486.1	83.82 241	34	4	2751
	2986 101463 101703 1e-55 224					
gi	33285929 gb AY223844.1	AAGE02007486.1	84.16 202	27	5	2755
	2951 155352 155553 1e-45 191					
gi	33285929 gb AY223844.1	AAGE02007353.1	87.50 288	33	3	2751
	3036 120645 120931 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02007353.1	86.67 285	34	4	2754
	3035 104392 104109 2e-82 313					
gi	33285929 gb AY223844.1	AAGE02007353.1	85.19 270	32	7	2754
	3018 23058 23324 1e-69 270					
gi	33285929 gb AY223844.1	AAGE02007353.1	86.50 237	26	5	2759
	2990 122015 121780 4e-65 255					
gi	33285929 gb AY223844.1	AAGE02007353.1	87.16 218	23	5	2777
	2989 71835 71618 3e-61 243					
gi	33285929 gb AY223844.1	AAGE02006938.1	87.72 285	32	3	2753
	3035 44276 43993 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02006938.1	86.27 153	17	4	2839
	2987 151741 151893 2e-37 163					
gi	33285929 gb AY223844.1	AAGE02006731.1	87.07 294	35	3	2751
	3042 16457 16749 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02006731.1	97.22 36	1	0	3173
	3208 19782 19747 9e-07 62.1					
gi	33285929 gb AY223844.1	AAGE02005847.1	86.87 297	36	3	2751
	3045 66007 65712 2e-87 329					
gi	33285929 gb AY223844.1	AAGE02005847.1	91.15 113	9	1	2879
	2990 70108 69996 5e-34 152					

gi	33285929 gb AY223844.1	AAGE02005635.1	87.41	294	27	9	2749
	3036 94270 93981 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02005635.1	85.94	249	27	8	2756
	2997 42202 42449 3e-66 259						
gi	33285929 gb AY223844.1	AAGE02004985.1	87.50	288	32	3	2751
	3035 33390 33676 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02004985.1	83.21	280	37	6	2759
	3031 28472 28748 6e-63 248						
gi	33285929 gb AY223844.1	AAGE02004985.1	85.17	236	30	5	2758
	2989 24709 24943 1e-59 237						
gi	33285929 gb AY223844.1	AAGE02004790.1	87.76	286	30	5	2753
	3035 44037 44320 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02004790.1	85.90	78	10	1	2914
	2990 15849 15926 7e-13 82.4						
gi	33285929 gb AY223844.1	AAGE02002746.1	87.76	286	30	5	2754
	3036 82022 81739 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02001661.1	87.50	288	32	4	2751
	3035 6726 7012 2e-87 329						
gi	33285929 gb AY223844.1	AAGE02031918.1	87.46	287	32	4	2752
	3035 9036 8751 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02030027.1	87.50	288	31	5	2751
	3035 10995 11280 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02028184.1	87.46	287	33	3	2751
	3035 9327 9612 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02026861.1	87.29	291	32	5	2750
	3037 41290 41578 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02026861.1	87.19	242	20	11	2758
	2990 63341 63102 6e-68 265						
gi	33285929 gb AY223844.1	AAGE02024701.1	87.46	287	32	4	2752
	3035 144742 145027 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02022924.1	87.46	287	32	4	2752
	3035 8994 9279 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02022924.1	87.28	283	32	4	2756
	3035 64109 64390 1e-84 320						
gi	33285929 gb AY223844.1	AAGE02022924.1	87.87	239	22	7	2758
	2990 104023 104260 1e-70 274						
gi	33285929 gb AY223844.1	AAGE02022924.1	85.54	242	30	4	2750
	2987 29795 29555 6e-63 248						
gi	33285929 gb AY223844.1	AAGE02020938.1	87.68	284	32	3	2752
	3033 47016 46734 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02020938.1	86.01	243	28	6	2754
	2990 3162 2920 4e-65 255						
gi	33285929 gb AY223844.1	AAGE02020938.1	97.14	35	1	0	3174
	3208 26866 26832 3e-06 60.2						
gi	33285929 gb AY223844.1	AAGE02020921.1	87.72	285	30	5	2754
	3035 10770 10488 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02020921.1	81.93	238	26	9	2759
	2991 2101 1876 5e-44 185						
gi	33285929 gb AY223844.1	AAGE02017903.1	87.46	287	32	4	2751
	3035 99643 99927 8e-87 327						
gi	33285929 gb AY223844.1	AAGE02017903.1	88.29	222	20	5	2775
	2990 32735 32956 8e-67 261						

gi 33285929 gb AY223844.1	AAGE02017903.1	84.71	242	31	6	2755
2990 85587 85346 1e-59 237						
gi 33285929 gb AY223844.1	AAGE02017903.1	83.54	243	30	7	2756
2990 5411 5171 5e-54 219						
gi 33285929 gb AY223844.1	AAGE02017903.1	87.38	103	12	1	2752
2853 5510 5408 2e-23 117						
gi 33285929 gb AY223844.1	AAGE02015902.1	87.46	287	33	3	2751
3035 139604 139319 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02015902.1	97.14	35	1	0	3174
3208 2319 2353 3e-06 60.2						
gi 33285929 gb AY223844.1	AAGE02015744.1	87.24	290	34	3	2752
3039 81766 82054 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02015744.1	87.32	284	28	7	2755
3035 82815 83093 5e-84 318						
gi 33285929 gb AY223844.1	AAGE02015744.1	88.07	243	23	6	2754
2990 61627 61385 2e-73 283						
gi 33285929 gb AY223844.1	AAGE02015744.1	86.02	236	27	5	2761
2990 120017 119782 6e-63 248						
gi 33285929 gb AY223844.1	AAGE02015625.1	87.50	288	31	5	2752
3036 30989 31274 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02015335.1	87.46	287	33	3	2751
3035 38484 38199 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02015050.1	87.24	290	33	4	2756
3043 13437 13724 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02014119.1	87.68	284	31	4	2756
3036 114185 113903 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02014119.1	93.15	73	2	3	2921
2991 83272 83343 1e-19 104						
gi 33285929 gb AY223844.1	AAGE02014032.1	87.46	287	33	3	2751
3035 126079 125794 8e-87 327						
gi 33285929 gb AY223844.1	AAGE02014032.1	88.84	242	19	8	2754
2989 87076 86837 1e-75 291						
gi 33285929 gb AY223844.1	AAGE02014032.1	88.11	244	21	7	2754
2990 112607 112849 2e-73 283						
gi 33285929 gb AY223844.1	AAGE02014032.1	85.54	242	23	9	2758
2990 55352 55114 3e-61 243						
gi 33285929 gb AY223844.1	AAGE02014032.1	85.53	235	26	7	2761
2990 49944 49713 4e-60 239						
gi 33285929 gb AY223844.1	AAGE02014032.1	83.67	245	27	8	2751
2990 32000 31764 5e-54 219						
gi 33285929 gb AY223844.1	AAGE02014032.1	91.07	112	9	1	2879
2989 93658 93547 2e-33 150						
gi 33285929 gb AY223844.1	AAGE02014032.1	84.46	148	19	4	2848
2991 67671 67524 3e-31 143						
gi 33285929 gb AY223844.1	AAGE02013373.1	87.46	287	33	3	2751
3035 9748 10033 8e-87 327						
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2990 84312 84069 4e-75 289						
gi 33285929 gb AY223844.1	AAGE02013373.1	86.72	241	28	3	2754
2990 34677 34437 6e-68 265						
gi 33285929 gb AY223844.1	AAGE02012599.1	87.46	287	32	4	2752
3035 133788 133503 8e-87 327						

gi	33285929 gb AY223844.1	AAGE02012599.1	85.42 240	29	6	2757
	2990 72455 72216 8e-62 244					
gi	33285929 gb AY223844.1	AAGE02012599.1	87.34 158	16	4	2819
	2973 15488 15644 8e-42 178					
gi	33285929 gb AY223844.1	AAGE02012599.1	87.50 72	6	2	2795
	2863 144161 144232 2e-12 80.5					
gi	33285929 gb AY223844.1	AAGE02012560.1	87.46 287	33	3	2751
	3035 26062 25777 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02012560.1	88.56 236	21	6	2761
	2990 29889 29654 6e-73 281					
gi	33285929 gb AY223844.1	AAGE02012560.1	81.32 182	30	4	2820
	2999 31148 30969 9e-32 145					
gi	33285929 gb AY223844.1	AAGE02012560.1	97.14 35	1	0	3174
	3208 26994 26960 3e-06 60.2					
gi	33285929 gb AY223844.1	AAGE02012461.1	87.72 285	29	6	2758
	3038 167661 167379 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02012461.1	87.98 233	25	3	2756
	2986 85503 85272 4e-70 272					
gi	33285929 gb AY223844.1	AAGE02012461.1	86.94 245	27	5	2751
	2990 94216 93972 1e-69 270					
gi	33285929 gb AY223844.1	AAGE02012461.1	79.84 243	39	9	2753
	2990 187915 187678 5e-39 169					
gi	33285929 gb AY223844.1	AAGE02011979.1	87.46 287	33	3	2750
	3034 108145 108430 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02011979.1	85.25 183	22	4	2760
	2937 99262 99444 2e-43 183					
gi	33285929 gb AY223844.1	AAGE02011609.1	87.46 287	33	3	2751
	3035 62518 62233 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02010830.1	87.68 284	32	3	2754
	3035 777 495 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02010753.1	87.46 287	33	3	2751
	3035 106632 106917 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02010753.1	87.65 243	25	5	2754
	2993 9823 9583 8e-72 278					
gi	33285929 gb AY223844.1	AAGE02009143.1	87.46 287	32	4	2752
	3035 3267 3552 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02008932.1	87.94 282	29	5	2757
	3035 37021 36742 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02008932.1	89.72 214	16	5	2782
	2990 29016 29228 5e-69 268					
gi	33285929 gb AY223844.1	AAGE02008932.1	87.37 95	12	0	2756
	2850 19394 19488 3e-21 110					
gi	33285929 gb AY223844.1	AAGE02008773.1	87.50 288	31	5	2751
	3035 146007 145722 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02008773.1	84.29 280	39	5	2750
	3027 149156 149432 5e-69 268					
gi	33285929 gb AY223844.1	AAGE02008394.1	87.24 290	34	3	2755
	3042 10174 10462 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02008394.1	94.44 90	4	1	2902
	2990 14144 14233 1e-29 137					
gi	33285929 gb AY223844.1	AAGE02008122.1	87.46 287	33	3	2751
	3035 36375 36090 8e-87 327					

gi	33285929 gb AY223844.1	AAGE02008122.1	87.05 224	23	6	2755
	2973 34328 34550 6e-63 248					
gi	33285929 gb AY223844.1	AAGE02008122.1	84.77 243	26	9	2754
	2990 37204 37441 2e-58 233					
gi	33285929 gb AY223844.1	AAGE02008122.1	92.09 139	9	2	2753
	2889 45028 45166 8e-47 195					
gi	33285929 gb AY223844.1	AAGE02008122.1	91.15 113	7	3	2880
	2990 46773 46662 2e-33 150					
gi	33285929 gb AY223844.1	AAGE02007803.1	87.46 287	33	3	2751
	3035 187095 187380 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02007803.1	85.66 244	24	9	2758
	2990 66563 66320 2e-62 246					
gi	33285929 gb AY223844.1	AAGE02007803.1	81.33 241	26	10	2754
	2990 208667 208892 8e-42 178					
gi	33285929 gb AY223844.1	AAGE02007803.1	81.17 154	26	2	2823
	2973 42848 42695 1e-24 121					
gi	33285929 gb AY223844.1	AAGE02007225.1	87.24 290	33	4	2753
	3039 88007 88295 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02007007.1	87.90 281	30	4	2757
	3035 28548 28270 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02006771.1	87.46 287	32	4	2752
	3035 16843 16558 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02006256.1	87.29 291	32	4	2749
	3035 44508 44797 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02006256.1	94.00 50	2	1	2942
	2990 106519 106568 1e-10 75.0					
gi	33285929 gb AY223844.1	AAGE02005264.1	87.54 289	29	7	2754
	3038 18362 18077 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02005264.1	87.19 242	26	5	2754
	2990 27868 27627 1e-69 270					
gi	33285929 gb AY223844.1	AAGE02004408.1	87.68 284	32	3	2754
	3035 569 851 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02004366.1	91.06 246	16	6	2751
	2990 51903 51658 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02003896.1	87.94 282	29	5	2757
	3035 66851 67130 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02003896.1	86.97 284	34	3	2754
	3035 90582 90300 2e-83 316					
gi	33285929 gb AY223844.1	AAGE02003896.1	87.60 242	24	6	2755
	2990 151749 151990 3e-71 276					
gi	33285929 gb AY223844.1	AAGE02003501.1	87.46 287	33	3	2751
	3035 6192 5907 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02003501.1	88.52 244	22	5	2752
	2990 37556 37314 1e-75 291					
gi	33285929 gb AY223844.1	AAGE02003423.1	87.72 285	30	5	2754
	3035 241894 242176 8e-87 327					
gi	33285929 gb AY223844.1	AAGE02003423.1	84.72 288	40	4	2751
	3035 114428 114714 5e-74 285					
gi	33285929 gb AY223844.1	AAGE02003423.1	87.87 239	24	4	2757
	2990 123716 123478 3e-71 276					
gi	33285929 gb AY223844.1	AAGE02003423.1	85.71 245	29	6	2752
	2990 149872 150116 1e-64 254					

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	2990 217022 216791	6e-53 215				
gi	33285929 gb AY223844.1	AAGE02002940.1	87.94 282	29	5	2757
	3035 196399 196678	8e-87 327				
gi	33285929 gb AY223844.1	AAGE02002940.1	87.80 246	23	7	2751
	2990 91231 90987	6e-73 281				
gi	33285929 gb AY223844.1	AAGE02002940.1	86.67 240	26	5	2756
	2990 53210 53448	8e-67 261				
gi	33285929 gb AY223844.1	AAGE02002940.1	85.77 246	30	5	2757
	2997 74067 73822	4e-65 255				
gi	33285929 gb AY223844.1	AAGE02002940.1	84.26 108	16	1	2755
	2861 40040 39933	1e-19 104				
gi	33285929 gb AY223844.1	AAGE02002360.1	87.46 287	33	3	2751
	3035 25364 25079	8e-87 327				
gi	33285929 gb AY223844.1	AAGE02002360.1	89.26 242	19	7	2755
	2990 71970 71730	2e-77 296				
gi	33285929 gb AY223844.1	AAGE02002360.1	89.41 236	21	4	2759
	2990 229102 228867	8e-77 294				
gi	33285929 gb AY223844.1	AAGE02002360.1	84.62 234	32	4	2759
	2988 135335 135568	2e-57 230				
gi	33285929 gb AY223844.1	AAGE02002360.1	83.61 244	24	10	2751
	2990 145348 145117	6e-53 215				
gi	33285929 gb AY223844.1	AAGE02001143.1	87.72 285	30	5	2755
	3035 68189 67906	8e-87 327				
gi	33285929 gb AY223844.1	AAGE02001143.1	93.90 82	4	1	2910
	2990 67101 67182	4e-25 122				
gi	33285929 gb AY223844.1	AAGE02001115.1	87.50 288	31	5	2751
	3035 105926 106211	8e-87 327				
gi	33285929 gb AY223844.1	AAGE02000167.1	87.46 287	33	3	2751
	3035 1513 1798	8e-87 327				
gi	33285929 gb AY223844.1	AAGE02026929.1	87.41 286	33	3	2752
	3035 128798 128514	3e-86 326				
gi	33285929 gb AY223844.1	AAGE02026929.1	88.43 216	21	4	2777
	2988 91964 92179	1e-65 257				
gi	33285929 gb AY223844.1	AAGE02026929.1	86.25 240	27	6	2757
	2990 112715 112954	4e-65 255				
gi	33285929 gb AY223844.1	AAGE02026929.1	96.23 53	2	0	2759
	2811 132055 132003	1e-14 87.9				
gi	33285929 gb AY223844.1	AAGE02026842.1	87.24 290	32	5	2750
	3035 9661 9949	3e-86 326				
gi	33285929 gb AY223844.1	AAGE02026752.1	86.82 296	34	5	2751
	3042 7233 7527	3e-86 326				
gi	33285929 gb AY223844.1	AAGE02026399.1	87.20 289	33	4	2752
	3037 58218 58505	3e-86 326				
gi	33285929 gb AY223844.1	AAGE02026399.1	89.39 245	17	8	2753
	2990 192445 192687	2e-78 300				
gi	33285929 gb AY223844.1	AAGE02026399.1	87.67 227	24	3	2752
	2974 56122 56348	8e-67 261				
gi	33285929 gb AY223844.1	AAGE02026399.1	85.71 238	30	4	2757
	2990 40854 40617	6e-63 248				
gi	33285929 gb AY223844.1	AAGE02026399.1	88.00 175	17	4	2820
	2990 44527 44701	1e-49 204				

gi	33285929 gb AY223844.1	AAGE02025519.1	87.41 286	33	3	2752
	3035 88315 88031 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02023743.1	87.37 285	34	2	2752
	3035 8020 7737 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02023743.1	88.33 240	22	6	2757
	2990 152447 152686 2e-73 283					
gi	33285929 gb AY223844.1	AAGE02023743.1	88.84 224	19	6	2757
	2974 74952 74729 1e-69 270					
gi	33285929 gb AY223844.1	AAGE02023743.1	78.72 235	30	7	2753
	2986 240045 240260 4e-30 139					
gi	33285929 gb AY223844.1	AAGE02022019.1	87.41 286	33	3	2752
	3035 77500 77784 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02022019.1	88.12 261	28	3	2757
	3015 6952 7211 1e-80 307					
gi	33285929 gb AY223844.1	AAGE02022019.1	87.82 238	24	5	2758
	2990 19212 19449 1e-70 274					
gi	33285929 gb AY223844.1	AAGE02022019.1	85.50 269	31	7	2755
	3018 82835 83100 1e-70 274					
gi	33285929 gb AY223844.1	AAGE02022019.1	92.73 55	3	1	2751
	2804 10637 10583 9e-12 78.7					
gi	33285929 gb AY223844.1	AAGE02021950.1	87.63 283	32	3	2755
	3035 21082 20801 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02021752.1	87.50 288	29	7	2750
	3034 2178 1895 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02021752.1	88.38 241	23	5	2755
	2990 45183 45423 5e-74 285					
gi	33285929 gb AY223844.1	AAGE02021752.1	84.51 284	40	4	2755
	3035 69545 69827 8e-72 278					
gi	33285929 gb AY223844.1	AAGE02021752.1	86.12 245	28	5	2751
	2989 70414 70658 3e-66 259					
gi	33285929 gb AY223844.1	AAGE02020409.1	87.24 290	31	4	2751
	3035 15035 15323 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02020409.1	85.53 304	37	7	2736
	3036 17563 17862 8e-82 311					
gi	33285929 gb AY223844.1	AAGE02020298.1	87.24 290	31	6	2748
	3035 20601 20886 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02020298.1	97.14 35	1	0	3174
	3208 15994 15960 3e-06 60.2					
gi	33285929 gb AY223844.1	AAGE02019719.1	87.41 286	33	3	2752
	3035 11181 11465 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02019719.1	88.98 245	21	6	2751
	2989 8308 8552 6e-78 298					
gi	33285929 gb AY223844.1	AAGE02019719.1	85.96 235	28	4	2760
	2990 12111 11878 2e-62 246					
gi	33285929 gb AY223844.1	AAGE02019126.1	87.68 284	30	5	2755
	3035 7079 7360 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02017931.1	87.20 289	33	4	2753
	3038 64225 63938 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02017931.1	86.71 286	34	4	2753
	3035 161608 161892 6e-83 315					
gi	33285929 gb AY223844.1	AAGE02017931.1	86.55 238	23	7	2759
	2990 105159 104925 1e-64 254					

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3208 90344 90385 9e-07 62.1					
gi 33285929 gb AY223844.1	AAGE02017096.1	88.60 272	25	6	2766
3034 46635 46367 3e-86 326					
gi 33285929 gb AY223844.1	AAGE02017096.1	87.18 273	32	3	2757
3027 88345 88616 1e-80 307					
gi 33285929 gb AY223844.1	AAGE02017096.1	87.19 242	24	7	2754
2989 16065 16305 5e-69 268					
gi 33285929 gb AY223844.1	AAGE02016458.1	87.24 290	31	6	2748
3035 112697 112412 3e-86 326					
gi 33285929 gb AY223844.1	AAGE02016458.1	87.15 288	33	4	2751
3035 99700 99414 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02015778.1	87.63 283	32	3	2755
3035 33330 33049 3e-86 326					
gi 33285929 gb AY223844.1	AAGE02015413.1	87.20 289	33	4	2750
3035 22044 22331 3e-86 326					
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3035 25467 25181 5e-79 302					
gi 33285929 gb AY223844.1	AAGE02015413.1	87.14 241	25	6	2756
2990 9661 9421 5e-69 268					
gi 33285929 gb AY223844.1	AAGE02015413.1	86.47 133	12	5	2861
2990 49650 49521 1e-30 141					
gi 33285929 gb AY223844.1	AAGE02014410.1	87.41 286	32	4	2753
3035 3121 3405 3e-86 326					
gi 33285929 gb AY223844.1	AAGE02011189.1	87.37 285	34	2	2752
3035 16806 16523 3e-86 326					
gi 33285929 gb AY223844.1	AAGE02010573.1	87.72 285	28	7	2759
3039 406322 406041 3e-86 326					
gi 33285929 gb AY223844.1	AAGE02010573.1	85.60 243	31	3	2752
2990 325087 325329 5e-64 252					
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3050 325405 325686 1e-60 241					
gi 33285929 gb AY223844.1	AAGE02010573.1	83.47 248	26	9	2745
2987 37171 37408 2e-53 217					
gi 33285929 gb AY223844.1	AAGE02010573.1	91.78 73	6	0	2902
2974 321208 321280 5e-19 102					
gi 33285929 gb AY223844.1	AAGE02010573.1	89.33 75	8	0	2788
2862 245216 245142 9e-17 95.3					
gi 33285929 gb AY223844.1	AAGE02010134.1	87.68 284	30	5	2755
3035 74822 74541 3e-86 326					
gi 33285929 gb AY223844.1	AAGE02009005.1	87.68 284	30	5	2755
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gi 33285929 gb AY223844.1	AAGE02009005.1	85.77 239	25	8	2761
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gi 33285929 gb AY223844.1	AAGE02009005.1	85.06 241	23	7	2751
2990 27137 27365 2e-58 233					
gi 33285929 gb AY223844.1	AAGE02009005.1	83.68 239	29	8	2756
2988 6498 6264 2e-53 217					
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3035 12157 11873 3e-86 326					
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2990 57173 57429 3e-86 326					

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	3035 22935 23216 3e-86	326					
gi	33285929 gb AY223844.1	AAGE02005369.1	86.99	292	34	4	2750
	3038 43064 43354 3e-86	326					
gi	33285929 gb AY223844.1	AAGE02005369.1	86.57	283	35	3	2755
	3035 6975 7256 3e-81	309					
gi	33285929 gb AY223844.1	AAGE02005369.1	87.19	242	25	5	2755
	2990 42620 42379 1e-69	270					
gi	33285929 gb AY223844.1	AAGE02005369.1	88.67	203	17	6	2754
	2952 48122 48322 3e-61	243					
gi	33285929 gb AY223844.1	AAGE02005369.1	90.24	82	6	2	2892
	2972 107985 107905 4e-20	106					
gi	33285929 gb AY223844.1	AAGE02005313.1	87.90	281	29	5	2758
	3035 359272 358994 3e-86	326					
gi	33285929 gb AY223844.1	AAGE02005313.1	87.63	283	30	5	2756
	3035 555742 556022 1e-85	324					
gi	33285929 gb AY223844.1	AAGE02005313.1	87.61	234	23	6	2760
	2988 234450 234682 2e-68	267					
gi	33285929 gb AY223844.1	AAGE02005313.1	87.56	201	23	2	2759
	2957 266710 266910 6e-58	231					
gi	33285929 gb AY223844.1	AAGE02005313.1	82.30	243	35	7	2754
	2991 214121 214360 1e-49	204					
gi	33285929 gb AY223844.1	AAGE02005313.1	86.55	171	19	4	2823
	2989 341765 341595 5e-44	185					
gi	33285929 gb AY223844.1	AAGE02005313.1	75.26	194	39	6	2760
	2946 376798 376607 2e-13	84.2					
gi	33285929 gb AY223844.1	AAGE02004341.1	87.46	287	31	5	2752
	3035 27791 27507 3e-86	326					
gi	33285929 gb AY223844.1	AAGE02004341.1	90.24	246	18	6	2751
	2990 76241 76486 2e-83	316					
gi	33285929 gb AY223844.1	AAGE02004341.1	88.11	227	24	2	2751
	2974 80524 80750 2e-68	267					
gi	33285929 gb AY223844.1	AAGE02004341.1	84.65	202	25	4	2795
	2990 149921 149720 2e-47	196					
gi	33285929 gb AY223844.1	AAGE02004338.1	87.46	287	31	5	2751
	3035 14623 14340 3e-86	326					
gi	33285929 gb AY223844.1	AAGE02004338.1	88.28	239	23	5	2758
	2991 17391 17629 6e-73	281					
gi	33285929 gb AY223844.1	AAGE02004338.1	89.34	197	17	3	2798
	2990 33988 33792 8e-62	244					
gi	33285929 gb AY223844.1	AAGE02004338.1	91.82	110	8	1	2882
	2990 27003 26894 5e-34	152					
gi	33285929 gb AY223844.1	AAGE02004338.1	94.57	92	5	0	2752
	2843 4536 4627 3e-31	143					
gi	33285929 gb AY223844.1	AAGE02004177.1	87.37	285	34	2	2752
	3035 11017 11300 3e-86	326					
gi	33285929 gb AY223844.1	AAGE02004177.1	85.17	236	29	6	2757
	2986 28449 28684 1e-59	237					
gi	33285929 gb AY223844.1	AAGE02004177.1	87.31	197	19	6	2799
	2990 14193 14388 1e-54	220					
gi	33285929 gb AY223844.1	AAGE02004106.1	87.68	284	30	5	2759
	3039 22513 22232 3e-86	326					

gi	33285929 gb AY223844.1	AAGE02004106.1	86.12	245	28	5	2751
		2990 17414 17657 3e-66 259					
gi	33285929 gb AY223844.1	AAGE02003553.1	87.90	281	29	5	2758
		3035 3566 3844 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02001808.1	87.63	283	31	4	2755
		3035 112873 113153 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02001808.1	83.17	208	29	5	2759
		2960 89714 89921 5e-44 185					
gi	33285929 gb AY223844.1	AAGE02001808.1	82.04	167	25	5	2754
		2917 142024 141860 1e-29 137					
gi	33285929 gb AY223844.1	AAGE02001808.1	82.10	162	21	8	2835
		2990 64669 64510 7e-28 132					
gi	33285929 gb AY223844.1	AAGE02000458.1	87.41	286	33	3	2752
		3035 11408 11124 3e-86 326					
gi	33285929 gb AY223844.1	AAGE02033414.1	87.15	288	33	4	2751
		3035 1059 773 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02032654.1	87.41	286	31	5	2751
		3033 4341 4058 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02032654.1	86.67	285	35	3	2753
		3035 8780 9063 2e-82 313					
gi	33285929 gb AY223844.1	AAGE02028180.1	87.37	285	33	3	2753
		3035 14169 14452 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02027581.1	87.59	282	32	3	2756
		3035 15378 15098 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02027581.1	84.82	191	25	3	2763
		2949 39795 39985 4e-45 189					
gi	33285929 gb AY223844.1	AAGE02027581.1	81.93	166	24	6	2829
		2989 20920 20756 5e-29 135					
gi	33285929 gb AY223844.1	AAGE02025668.1	87.37	285	33	3	2753
		3035 9906 9623 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02025620.1	87.63	283	30	5	2756
		3035 53217 53497 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02025620.1	84.64	280	36	6	2757
		3035 60417 60690 4e-70 272					
gi	33285929 gb AY223844.1	AAGE02025620.1	86.83	243	25	6	2754
		2990 166567 166808 6e-68 265					
gi	33285929 gb AY223844.1	AAGE02025363.1	86.87	297	30	9	2745
		3035 61556 61263 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02025363.1	84.86	284	39	4	2755
		3035 29105 28823 2e-73 283					
gi	33285929 gb AY223844.1	AAGE02024625.1	87.37	285	32	4	2754
		3035 7793 7510 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02024251.1	87.15	288	33	4	2751
		3035 60747 61033 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02024251.1	86.64	247	26	5	2751
		2990 6438 6684 2e-68 267					
gi	33285929 gb AY223844.1	AAGE02024074.1	87.41	286	30	5	2752
		3035 2424 2143 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02021745.1	90.98	244	16	6	2753
		2990 5972 5729 1e-85 324					
gi	33285929 gb AY223844.1	AAGE02020770.1	87.15	288	34	3	2751
		3036 16164 16450 1e-85 324					

gi 33285929 gb AY223844.1	AAGE02020770.1	85.02 287	37	6	2752
3035 23974 24257 1e-74	287				
gi 33285929 gb AY223844.1	AAGE02020513.1	87.15 288	34	3	2751
3036 21781 21495 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02018136.1	87.15 288	34	3	2754
3039 4062 4348 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02018136.1	83.68 239	22	10	2758
2990 13033 13260 3e-51	209				
gi 33285929 gb AY223844.1	AAGE02018064.1	87.63 283	30	5	2756
3035 2490 2770 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02015245.1	87.37 285	33	3	2752
3034 110266 109983 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02015245.1	87.50 128	14	2	2866
2991 129245 129118 2e-32	147				
gi 33285929 gb AY223844.1	AAGE02015245.1	89.25 93	10	0	2760
2852 163013 162921 2e-23	117				
gi 33285929 gb AY223844.1	AAGE02013712.1	87.63 283	30	5	2756
3035 50527 50807 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02013712.1	88.79 232	18	5	2764
2990 35861 36089 8e-72	278				
gi 33285929 gb AY223844.1	AAGE02013618.1	87.20 289	32	5	2751
3036 4415 4701 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02013291.1	87.37 285	33	3	2753
3035 6376 6659 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02013291.1	86.42 243	28	4	2751
2990 2538 2778 8e-67	261				
gi 33285929 gb AY223844.1	AAGE02013158.1	87.63 283	30	5	2756
3035 3448 3168 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02013158.1	86.52 282	35	3	2756
3035 83233 82953 1e-80	307				
gi 33285929 gb AY223844.1	AAGE02012946.1	87.37 285	33	3	2753
3035 541 824 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02012946.1	82.72 162	18	4	2750
2908 7195 7041 5e-29	135				
gi 33285929 gb AY223844.1	AAGE02011955.1	87.37 285	33	3	2753
3035 114186 114469 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02011955.1	90.28 247	17	6	2751
2990 55835 55589 2e-83	316				
gi 33285929 gb AY223844.1	AAGE02011955.1	87.35 245	25	6	2750
2988 114088 113844 3e-71	276				
gi 33285929 gb AY223844.1	AAGE02011955.1	86.53 245	26	6	2752
2990 53609 53852 2e-67	263				
gi 33285929 gb AY223844.1	AAGE02011503.1	87.37 285	33	3	2753
3035 2813 2530 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02011410.1	87.59 282	32	3	2756
3035 24910 24630 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02011410.1	85.48 248	30	6	2748
2990 19816 20062 1e-64	254				
gi 33285929 gb AY223844.1	AAGE02011334.1	87.37 285	33	3	2753
3035 33083 32800 1e-85	324				
gi 33285929 gb AY223844.1	AAGE02011237.1	86.99 292	33	5	2748
3035 39971 39681 1e-85	324				

gi 33285929 gb AY223844.1	AAGE02011237.1	88.75 240	21	6	2757
2990 5926 5687 4e-75 289					
gi 33285929 gb AY223844.1	AAGE02010459.1	87.15 288	34	3	2750
3035 47558 47844 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02010459.1	91.43 70	5	1	2922
2990 12522 12591 9e-17 95.3					
gi 33285929 gb AY223844.1	AAGE02010346.1	87.15 288	33	4	2751
3035 26345 26059 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02010346.1	89.67 242	19	6	2755
2990 7936 7695 1e-79 303					
gi 33285929 gb AY223844.1	AAGE02008462.1	86.73 294	35	4	2753
3044 299223 299514 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02008462.1	89.17 240	19	5	2757
2990 175944 176182 3e-76 292					
gi 33285929 gb AY223844.1	AAGE02008462.1	85.16 283	37	5	2756
3035 33476 33756 5e-74 285					
gi 33285929 gb AY223844.1	AAGE02008462.1	86.97 238	26	5	2758
2990 279266 279503 2e-67 263					
gi 33285929 gb AY223844.1	AAGE02008462.1	85.71 252	31	5	2751
2997 155103 154852 8e-67 261					
gi 33285929 gb AY223844.1	AAGE02008462.1	87.50 224	22	5	2751
2970 255430 255209 1e-64 254					
gi 33285929 gb AY223844.1	AAGE02008462.1	88.00 200	19	5	2796
2990 528020 528219 6e-58 231					
gi 33285929 gb AY223844.1	AAGE02008462.1	83.20 244	36	5	2751
2989 320202 319959 5e-54 219					
gi 33285929 gb AY223844.1	AAGE02008462.1	86.54 156	16	5	2839
2990 164354 164508 2e-38 167					
gi 33285929 gb AY223844.1	AAGE02008462.1	88.62 123	12	2	2755
2875 487956 487834 7e-33 148					
gi 33285929 gb AY223844.1	AAGE02008462.1	92.31 78	5	1	2914
2990 409996 409919 3e-21 110					
gi 33285929 gb AY223844.1	AAGE02008262.1	90.98 244	16	6	2753
2990 14333 14576 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02008103.1	87.20 289	31	6	2746
3034 20037 19755 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02008103.1	84.41 295	41	5	2748
3039 5679 5387 5e-74 285					
gi 33285929 gb AY223844.1	AAGE02007562.1	87.37 285	33	3	2753
3035 62844 63127 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02007562.1	85.31 245	31	5	2751
2990 9477 9233 6e-63 248					
gi 33285929 gb AY223844.1	AAGE02007176.1	87.15 288	33	4	2751
3035 15500 15786 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02005584.1	87.41 286	31	5	2753
3035 146891 146608 1e-85 324					
gi 33285929 gb AY223844.1	AAGE02005584.1	79.72 217	31	9	2751
2955 47652 47867 9e-32 145					
gi 33285929 gb AY223844.1	AAGE02005584.1	91.67 84	6	1	2908
2990 44274 44191 7e-23 115					
gi 33285929 gb AY223844.1	AAGE02004715.1	87.37 285	32	4	2757
3038 53191 52908 1e-85 324					

gi 33285929 gb AY223844.1	AAGE02004487.1	87.37 285	33	3	2753
3035 159078 158795	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02004487.1	88.79 214	19	5	2765
2973 139209 138996	1e-65 257				
gi 33285929 gb AY223844.1	AAGE02004487.1	84.43 212	29	4	2757
2964 90195 89984	4e-50 206				
gi 33285929 gb AY223844.1	AAGE02004487.1	80.48 210	26	10	2786
2990 162267 162466	2e-32 147				
gi 33285929 gb AY223844.1	AAGE02004487.1	84.67 150	18	3	2751
2895 18061 17912	9e-32 145				
gi 33285929 gb AY223844.1	AAGE02004487.1	94.92 59	3	0	2910
2968 56252 56194	3e-16 93.5				
gi 33285929 gb AY223844.1	AAGE02003459.1	86.73 294	35	4	2751
3041 38174 38466	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02003459.1	84.77 243	31	6	2754
2990 149863 149621	4e-60 239				
gi 33285929 gb AY223844.1	AAGE02003459.1	80.68 264	36	11	2755
3013 114581 114834	1e-45 191				
gi 33285929 gb AY223844.1	AAGE02003299.1	87.37 285	33	3	2753
3035 72469 72752	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02003299.1	85.17 236	25	7	2759
2990 53723 53494	2e-58 233				
gi 33285929 gb AY223844.1	AAGE02002925.1	87.41 286	31	5	2753
3035 13685 13402	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02002925.1	82.72 243	30	8	2752
2990 40632 40866	4e-50 206				
gi 33285929 gb AY223844.1	AAGE02002675.1	87.20 289	32	5	2751
3036 91461 91175	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02002675.1	88.75 240	21	6	2757
2990 116056 116295	4e-75 289				
gi 33285929 gb AY223844.1	AAGE02002675.1	86.41 103	11	3	2791
2890 16524 16626	3e-21 110				
gi 33285929 gb AY223844.1	AAGE02002549.1	86.73 294	35	4	2755
3045 12816 13108	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02002275.1	87.59 282	32	3	2756
3035 15120 15400	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02001270.1	87.15 288	33	4	2750
3035 86971 87256	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02001270.1	86.22 283	30	8	2758
3035 182562 182284	6e-78 298				
gi 33285929 gb AY223844.1	AAGE02001270.1	89.27 233	20	5	2758
2985 134276 134508	1e-74 287				
gi 33285929 gb AY223844.1	AAGE02001270.1	86.86 175	17	6	2822
2990 218938 218764	1e-45 191				
gi 33285929 gb AY223844.1	AAGE02001034.1	87.15 288	33	4	2751
3035 78191 77905	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02001034.1	82.81 285	31	9	2751
3032 35886 36155	4e-60 239				
gi 33285929 gb AY223844.1	AAGE02001034.1	91.06 123	9	2	2751
2871 96995 97117	7e-38 165				
gi 33285929 gb AY223844.1	AAGE02000252.1	86.99 292	32	5	2746
3035 257969 257682	1e-85 324				

gi 33285929 gb AY223844.1	AAGE02000252.1	86.76 287	35	3	2751
3035 383065 383350	2e-83 316				
gi 33285929 gb AY223844.1	AAGE02000252.1	82.98 235	25	7	2757
2990 411640 411420	6e-48 198				
gi 33285929 gb AY223844.1	AAGE02000252.1	85.79 183	23	2	2755
2934 204444 204262	1e-45 191				
gi 33285929 gb AY223844.1	AAGE02000252.1	88.89 126	12	2	2866
2989 71095 71220	1e-34 154				
gi 33285929 gb AY223844.1	AAGE02000252.1	80.26 228	21	13	2751
2974 452680 452887	2e-33 150				
gi 33285929 gb AY223844.1	AAGE02000252.1	88.10 84	9	1	2908
2990 252142 252225	7e-18 99.0				
gi 33285929 gb AY223844.1	AAGE02000246.1	87.63 283	30	5	2756
3035 35009 34729	1e-85 324				
gi 33285929 gb AY223844.1	AAGE02032791.1	87.32 284	33	3	2751
3032 13827 13545	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02032791.1	90.30 237	17	5	2760
2990 2970 2734	4e-80 305				
gi 33285929 gb AY223844.1	AAGE02032791.1	87.50 96	12	0	2757
2852 13483 13388	9e-22 111				
gi 33285929 gb AY223844.1	AAGE02030822.1	87.11 287	34	3	2751
3035 11000 10715	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02030561.1	86.94 291	33	5	2749
3036 30620 30332	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02030520.1	90.65 246	17	6	2751
2990 87602 87357	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02030520.1	88.28 239	22	6	2758
2990 58194 58432	6e-73 281				
gi 33285929 gb AY223844.1	AAGE02030520.1	97.14 35	1	0	3174
3208 73241 73207	3e-06 60.2				
gi 33285929 gb AY223844.1	AAGE02030240.1	86.49 296	36	4	2742
3035 1984 2277	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02029716.1	87.15 288	31	6	2752
3035 14502 14787	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02029677.1	87.32 284	33	3	2754
3035 59106 59388	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02029677.1	85.66 279	36	4	2760
3035 138357 138080	1e-75 291				
gi 33285929 gb AY223844.1	AAGE02029677.1	82.91 234	29	6	2760
2989 52695 52469	2e-48 200				
gi 33285929 gb AY223844.1	AAGE02029677.1	91.89 111	8	1	2881
2990 107717 107607	1e-34 154				
gi 33285929 gb AY223844.1	AAGE02027575.1	87.37 285	31	5	2754
3035 1933 1651	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02026724.1	87.11 287	33	4	2752
3035 77868 77583	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02026724.1	82.05 234	37	5	2760
2989 45201 45433	8e-47 195				
gi 33285929 gb AY223844.1	AAGE02025307.1	87.11 287	34	3	2751
3035 178363 178078	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02025307.1	87.45 247	23	7	2758
2997 94386 94141	8e-72 278				

gi 33285929 gb AY223844.1	AAGE02025307.1	97.14 35	1	0	3174
3208 70042 70008 3e-06 60.2					
gi 33285929 gb AY223844.1	AAGE02025074.1	87.11 287	34	3	2751
3035 10782 11067 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02024384.1	87.11 287	34	3	2751
3035 8105 7820 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02023054.1	87.32 284	33	3	2754
3035 28027 28309 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02023054.1	84.28 229	28	6	2760
2984 446 222 2e-53 217					
gi 33285929 gb AY223844.1	AAGE02021931.1	87.11 287	33	4	2752
3035 1191 1476 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02021309.1	87.32 284	33	3	2754
3035 9330 9048 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02019566.1	87.32 284	33	3	2754
3035 8935 8653 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02019566.1	87.16 148	16	3	2751
2895 47528 47675 7e-38 165					
gi 33285929 gb AY223844.1	AAGE02019566.1	86.32 95	12	1	2879
2973 44694 44601 5e-19 102					
gi 33285929 gb AY223844.1	AAGE02019548.1	87.37 285	31	5	2758
3040 33990 33709 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02019548.1	85.95 242	27	5	2753
2990 21091 20853 5e-64 252					
gi 33285929 gb AY223844.1	AAGE02018102.1	86.90 290	34	4	2754
3040 75603 75891 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02018102.1	88.21 246	23	6	2750
2990 101328 101084 4e-75 289					
gi 33285929 gb AY223844.1	AAGE02018102.1	85.96 171	20	3	2807
2974 117957 117788 2e-42 180					
gi 33285929 gb AY223844.1	AAGE02017449.1	87.15 288	32	5	2751
3035 80557 80842 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02017449.1	94.44 54	3	0	2752
2805 64944 64891 2e-13 84.2					
gi 33285929 gb AY223844.1	AAGE02016709.1	86.90 290	34	4	2753
3039 38600 38312 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02016643.1	87.32 284	32	4	2751
3031 92486 92204 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02016643.1	88.79 223	21	4	2754
2972 19392 19614 1e-69 270					
gi 33285929 gb AY223844.1	AAGE02016643.1	86.67 150	17	2	2754
2900 215290 215141 2e-37 163					
gi 33285929 gb AY223844.1	AAGE02016643.1	86.61 127	15	2	2866
2990 189095 189221 4e-30 139					
gi 33285929 gb AY223844.1	AAGE02016643.1	91.46 82	6	1	2909
2989 224277 224196 9e-22 111					
gi 33285929 gb AY223844.1	AAGE02015690.1	87.32 284	33	3	2754
3035 136855 137137 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02015690.1	88.28 239	22	6	2758
2990 78453 78691 6e-73 281					
gi 33285929 gb AY223844.1	AAGE02015690.1	92.05 88	5	2	2755
2840 163686 163773 4e-25 122					

gi 33285929 gb AY223844.1	AAGE02015421.1	87.32 284	32	4	2755
3035 161183 161465	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02014300.1	87.32 284	33	3	2754
3035 227177 226895	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02014300.1	82.69 283	43	6	2758
3036 91787 92067	2e-62 246				
gi 33285929 gb AY223844.1	AAGE02014300.1	84.45 238	28	7	2758
2989 211575 211341	3e-56 226				
gi 33285929 gb AY223844.1	AAGE02014300.1	87.50 176	18	3	2819
2990 245883 246058	2e-48 200				
gi 33285929 gb AY223844.1	AAGE02014300.1	85.35 157	17	6	2839
2990 86734 86889	1e-35 158				
gi 33285929 gb AY223844.1	AAGE02014225.1	87.32 284	33	3	2754
3035 81700 81982	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02014225.1	89.39 245	21	5	2751
2990 60730 60486	1e-79 303				
gi 33285929 gb AY223844.1	AAGE02014073.1	87.37 285	31	5	2756
3037 110907 111189	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02014073.1	89.84 246	19	6	2751
2990 345963 345718	8e-82 311				
gi 33285929 gb AY223844.1	AAGE02014073.1	85.89 248	28	7	2749
2989 194871 194624	1e-65 257				
gi 33285929 gb AY223844.1	AAGE02014073.1	85.54 242	26	6	2754
2990 164172 163935	8e-62 244				
gi 33285929 gb AY223844.1	AAGE02014073.1	82.37 278	33	15	2766
3030 205546 205820	8e-57 228				
gi 33285929 gb AY223844.1	AAGE02014073.1	83.54 237	23	8	2758
2989 296745 296520	1e-50 207				
gi 33285929 gb AY223844.1	AAGE02012897.1	87.11 287	34	3	2751
3035 79056 78771	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02012897.1	86.31 241	28	5	2755
2990 67769 68009	1e-65 257				
gi 33285929 gb AY223844.1	AAGE02012402.1	87.37 285	31	5	2754
3035 9353 9635	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02012243.1	87.20 289	29	8	2752
3035 63354 63639	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02012243.1	80.00 235	31	10	2758
2990 68212 67992	3e-36 159				
gi 33285929 gb AY223844.1	AAGE02012001.1	87.54 281	32	3	2757
3035 22326 22047	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02011778.1	87.11 287	33	4	2751
3035 20567 20283	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02011778.1	87.71 236	25	4	2759
2990 10983 10748	4e-70 272				
gi 33285929 gb AY223844.1	AAGE02011648.1	87.32 284	33	3	2754
3035 28228 27946	4e-85 322				
gi 33285929 gb AY223844.1	AAGE02011648.1	87.50 104	10	3	2888
2990 12792 12893	2e-23 117				
gi 33285929 gb AY223844.1	AAGE02011648.1	91.76 85	5	2	2907
2990 13495 13578	2e-23 117				
gi 33285929 gb AY223844.1	AAGE02010785.1	86.73 294	33	6	2758
3047 30705 30414	4e-85 322				

gi 33285929 gb AY223844.1	AAGE02010721.1	87.32 284	33	3	2752
3033 4821 4539 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02010721.1	89.87 237	18	6	2760
2990 32872 33108 2e-78 300					
gi 33285929 gb AY223844.1	AAGE02010721.1	84.75 223	30	3	2755
2973 65255 65033 1e-54 220					
gi 33285929 gb AY223844.1	AAGE02010572.1	87.11 287	34	3	2751
3035 96380 96095 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02010572.1	86.64 232	28	3	2756
2985 177287 177517 1e-64 254					
gi 33285929 gb AY223844.1	AAGE02010572.1	85.12 242	29	7	2755
2990 69855 69615 1e-60 241					
gi 33285929 gb AY223844.1	AAGE02010468.1	90.95 243	16	6	2754
2990 22410 22652 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02010468.1	84.10 283	35	6	2754
3035 64363 64636 6e-68 265					
gi 33285929 gb AY223844.1	AAGE02010468.1	85.48 241	21	7	2756
2990 17838 17606 4e-60 239					
gi 33285929 gb AY223844.1	AAGE02010468.1	88.29 111	13	0	2752
2862 64080 64190 2e-28 134					
gi 33285929 gb AY223844.1	AAGE02010202.1	87.11 287	34	3	2751
3035 139465 139180 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02010202.1	88.38 241	24	3	2754
2990 191726 191966 1e-74 287					
gi 33285929 gb AY223844.1	AAGE02010202.1	87.39 238	24	6	2758
2990 28130 28366 5e-69 268					
gi 33285929 gb AY223844.1	AAGE02010202.1	91.67 60	4	1	2932
2990 11435 11376 7e-13 82.4					
gi 33285929 gb AY223844.1	AAGE02010174.1	87.81 279	29	5	2760
3035 84621 84897 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02010174.1	82.70 185	25	7	2810
2989 66541 66723 1e-35 158					
gi 33285929 gb AY223844.1	AAGE02009551.1	87.11 287	34	3	2751
3035 161111 160826 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02009551.1	88.89 207	20	3	2758
2961 135496 135290 5e-64 252					
gi 33285929 gb AY223844.1	AAGE02009551.1	83.14 261	25	15	2737
2990 258193 258441 1e-54 220					
gi 33285929 gb AY223844.1	AAGE02009551.1	91.40 93	8	0	2757
2849 11674 11582 9e-27 128					
gi 33285929 gb AY223844.1	AAGE02009551.1	82.35 136	19	3	2761
2892 180923 180789 2e-22 113					
gi 33285929 gb AY223844.1	AAGE02009551.1	97.14 35	1	0	3174
3208 12393 12427 3e-06 60.2					
gi 33285929 gb AY223844.1	AAGE02009430.1	90.95 243	17	4	2753
2990 26458 26216 4e-85 322					
gi 33285929 gb AY223844.1	AAGE02009430.1	84.43 244	32	6	2760
2997 32270 32027 5e-59 235					
gi 33285929 gb AY223844.1	AAGE02009430.1	85.16 128	16	3	2866
2990 126978 127105 9e-27 128					
gi 33285929 gb AY223844.1	AAGE02008949.1	87.11 287	34	3	2751
3035 1508 1793 4e-85 322					

gi	33285929 gb AY223844.1	AAGE02008949.1	87.02	285	33	4	2753
	3035 8563 8281 5e-84 318						
gi	33285929 gb AY223844.1	AAGE02008949.1	87.92	240	22	6	2757
	2990 760 998 3e-71 276						
gi	33285929 gb AY223844.1	AAGE02008949.1	82.86	245	27	8	2751
	2990 11696 11462 4e-50 206						
gi	33285929 gb AY223844.1	AAGE02007906.1	87.11	287	34	3	2751
	3035 83209 83494 4e-85 322						
gi	33285929 gb AY223844.1	AAGE02007906.1	87.03	239	25	6	2758
	2990 19983 19745 6e-68 265						
gi	33285929 gb AY223844.1	AAGE02007906.1	85.71	238	28	6	2758
	2990 161275 161039 2e-62 246						
gi	33285929 gb AY223844.1	AAGE02007906.1	80.00	105	16	4	2760
	2861 119164 119062 4e-10 73.1						
gi	33285929 gb AY223844.1	AAGE02007906.1	97.30	37	1	0	3173
	3209 129822 129786 2e-07 63.9						
gi	33285929 gb AY223844.1	AAGE02007859.1	87.11	287	34	3	2751
	3035 49466 49751 4e-85 322						
gi	33285929 gb AY223844.1	AAGE02007859.1	89.43	246	19	7	2751
	2990 109323 109567 1e-79 303						
gi	33285929 gb AY223844.1	AAGE02007859.1	86.23	247	28	5	2751
	2991 324395 324149 2e-67 263						
gi	33285929 gb AY223844.1	AAGE02007859.1	85.34	191	20	6	2753
	2936 251592 251403 1e-45 191						
gi	33285929 gb AY223844.1	AAGE02007859.1	79.92	249	31	12	2749
	2990 68740 68976 7e-38 165						
gi	33285929 gb AY223844.1	AAGE02007859.1	89.13	46	4	1	2946
	2990 325173 325218 4e-05 56.5						
gi	33285929 gb AY223844.1	AAGE02007105.1	87.54	281	32	3	2754
	3032 58339 58060 4e-85 322						
gi	33285929 gb AY223844.1	AAGE02007105.1	88.80	250	20	8	2748
	2990 63450 63202 2e-78 300						
gi	33285929 gb AY223844.1	AAGE02007105.1	88.00	250	22	8	2748
	2990 53230 53478 4e-75 289						
gi	33285929 gb AY223844.1	AAGE02007105.1	85.19	162	16	6	2743
	2900 180056 179899 3e-36 159						
gi	33285929 gb AY223844.1	AAGE02007004.1	87.11	287	34	3	2751
	3035 131350 131635 4e-85 322						
gi	33285929 gb AY223844.1	AAGE02007004.1	86.52	282	34	4	2756
	3034 6885 6605 1e-80 307						
gi	33285929 gb AY223844.1	AAGE02006959.1	87.11	287	34	3	2751
	3035 79637 79352 4e-85 322						
gi	33285929 gb AY223844.1	AAGE02006959.1	85.91	220	27	3	2759
	2974 225878 226097 6e-58 231						
gi	33285929 gb AY223844.1	AAGE02006959.1	88.17	93	8	2	2750
	2841 49805 49895 1e-20 108						
gi	33285929 gb AY223844.1	AAGE02006945.1	87.11	287	33	4	2751
	3035 12071 12355 4e-85 322						
gi	33285929 gb AY223844.1	AAGE02006431.1	87.54	281	32	3	2757
	3035 92797 93076 4e-85 322						
gi	33285929 gb AY223844.1	AAGE02006431.1	97.44	39	1	0	2780
	2818 99429 99391 2e-08 67.6						

gi	33285929 gb AY223844.1	AAGE02006333.1	87.32 284	33	3	2754
	3035 4871 5153 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02006333.1	87.39 238	24	6	2758
	2990 169114 169350 5e-69 268					
gi	33285929 gb AY223844.1	AAGE02006333.1	84.84 244	33	3	2751
	2990 4552 4795 3e-61 243					
gi	33285929 gb AY223844.1	AAGE02006330.1	86.90 290	34	4	2755
	3042 9015 8728 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02006196.1	87.11 287	34	3	2751
	3035 46806 46521 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02005915.1	86.90 290	34	4	2755
	3041 5763 5475 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02005915.1	86.11 288	36	4	2751
	3035 3284 2998 1e-80 307					
gi	33285929 gb AY223844.1	AAGE02005915.1	87.39 238	24	6	2758
	2990 78676 78912 5e-69 268					
gi	33285929 gb AY223844.1	AAGE02005915.1	88.43 216	22	2	2761
	2973 87780 87565 1e-65 257					
gi	33285929 gb AY223844.1	AAGE02005915.1	84.98 233	28	6	2764
	2990 55628 55397 2e-57 230					
gi	33285929 gb AY223844.1	AAGE02005830.1	87.32 284	33	3	2754
	3035 7238 7520 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02005418.1	86.90 290	34	4	2753
	3040 33728 33441 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02005195.1	86.33 300	36	4	2745
	3040 59083 58785 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02005195.1	86.42 243	25	6	2757
	2991 56954 57196 3e-66 259					
gi	33285929 gb AY223844.1	AAGE02005112.1	87.15 288	31	6	2751
	3035 54931 54647 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02005112.1	88.16 245	21	7	2753
	2990 30155 30398 5e-74 285					
gi	33285929 gb AY223844.1	AAGE02004890.1	87.11 287	34	3	2751
	3035 160546 160831 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02004236.1	86.94 291	32	5	2749
	3034 10386 10097 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02003900.1	87.11 287	34	3	2751
	3035 43180 43465 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02003900.1	87.98 233	23	5	2763
	2990 140340 140108 1e-69 270					
gi	33285929 gb AY223844.1	AAGE02003900.1	87.03 239	25	6	2758
	2990 254481 254719 6e-68 265					
gi	33285929 gb AY223844.1	AAGE02003900.1	88.73 71	7	1	2921
	2990 11027 11097 5e-14 86.1					
gi	33285929 gb AY223844.1	AAGE02003465.1	87.54 281	32	3	2756
	3035 249690 249968 4e-85 322					
gi	33285929 gb AY223844.1	AAGE02003465.1	86.11 288	34	5	2756
	3038 129909 130195 4e-80 305					
gi	33285929 gb AY223844.1	AAGE02003465.1	86.02 236	24	6	2760
	2990 256957 257188 8e-62 244					
gi	33285929 gb AY223844.1	AAGE02003465.1	84.71 242	33	4	2753
	2990 257571 257330 4e-60 239					

gi 33285929 gb AY223844.1	AAGE02003465.1	80.79	203	13	9	2753
2953 222537 222715 5e-29 135						
gi 33285929 gb AY223844.1	AAGE02003404.1	87.50	280	33	2	2757
3035 5546 5824 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02003058.1	86.99	292	30	7	2751
3035 58160 58450 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02003058.1	83.96	293	41	5	2755
3044 8532 8821 3e-71 276						
gi 33285929 gb AY223844.1	AAGE02002690.1	87.11	287	33	4	2752
3035 29793 29508 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02002690.1	86.67	210	20	7	2787
2990 32867 32660 3e-56 226						
gi 33285929 gb AY223844.1	AAGE02002624.1	87.11	287	33	4	2754
3037 11376 11091 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02002396.1	87.20	289	30	7	2751
3034 25561 25275 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02002261.1	87.41	286	29	7	2754
3035 88846 88564 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02002133.1	87.15	288	32	5	2751
3035 33186 32901 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02001776.1	87.32	284	33	3	2754
3035 50461 50743 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02001776.1	82.81	256	30	9	2744
2992 77106 77354 2e-53 217						
gi 33285929 gb AY223844.1	AAGE02001479.1	87.54	281	31	4	2757
3035 47935 47657 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02001479.1	89.50	238	18	6	2760
2990 15028 14791 8e-77 294						
gi 33285929 gb AY223844.1	AAGE02001479.1	86.21	203	22	6	2758
2956 7639 7439 6e-53 215						
gi 33285929 gb AY223844.1	AAGE02000784.1	87.59	282	30	5	2757
3035 69449 69170 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02000784.1	86.90	229	23	5	2754
2978 11935 11710 2e-63 250						
gi 33285929 gb AY223844.1	AAGE02000674.1	87.54	281	32	3	2757
3035 43120 42841 4e-85 322						
gi 33285929 gb AY223844.1	AAGE02032579.1	87.11	287	32	5	2751
3035 3409 3692 1e-84 320						
gi 33285929 gb AY223844.1	AAGE02032567.1	87.11	287	31	6	2756
3038 9814 10098 1e-84 320						
gi 33285929 gb AY223844.1	AAGE02030849.1	87.50	280	32	3	2758
3035 7228 6950 1e-84 320						
gi 33285929 gb AY223844.1	AAGE02030608.1	87.28	283	33	3	2755
3035 9629 9348 1e-84 320						
gi 33285929 gb AY223844.1	AAGE02028605.1	87.32	284	31	5	2755
3035 26488 26769 1e-84 320						
gi 33285929 gb AY223844.1	AAGE02027245.1	87.32	284	31	5	2755
3035 7809 8090 1e-84 320						
gi 33285929 gb AY223844.1	AAGE02026421.1	87.06	286	34	3	2752
3035 27895 28179 1e-84 320						
gi 33285929 gb AY223844.1	AAGE02026421.1	88.03	234	23	5	2762
2990 78685 78452 4e-70 272						

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gi 33285929 gb AY223844.1	AAGE02023655.1	87.06 286	33	4	2752
3035 135993 136276 1e-84 320					
gi 33285929 gb AY223844.1	AAGE02023655.1	83.54 243	34	5	2753
2990 154818 154577 4e-55 222					
gi 33285929 gb AY223844.1	AAGE02023655.1	85.08 181	20	4	2760
2937 154219 154395 8e-42 178					
gi 33285929 gb AY223844.1	AAGE02023655.1	85.06 154	18	4	2826
2974 27567 27720 5e-34 152					
gi 33285929 gb AY223844.1	AAGE02023655.1	92.39 92	7	0	2761
2852 28395 28304 7e-28 132					
gi 33285929 gb AY223844.1	AAGE02023655.1	91.30 92	8	0	2761
2852 122485 122576 3e-26 126					
gi 33285929 gb AY223844.1	AAGE02023655.1	90.00 50	2	3	3162
3208 83945 83896 9e-07 62.1					
gi 33285929 gb AY223844.1	AAGE02022731.1	87.37 285	28	7	2756
3036 10706 10426 1e-84 320					
gi 33285929 gb AY223844.1	AAGE02022681.1	87.06 286	33	4	2752
3034 127550 127834 1e-84 320					
gi 33285929 gb AY223844.1	AAGE02022681.1	87.03 239	25	6	2758
2990 30012 29774 6e-68 265					
gi 33285929 gb AY223844.1	AAGE02022681.1	87.67 219	18	9	2779
2990 7194 7410 2e-62 246					
gi 33285929 gb AY223844.1	AAGE02022681.1	87.32 205	21	5	2754
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2974 144058 143837 2e-62 246						
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gi	33285929 gb AY223844.1	AAGE02004868.1	88.28 239	22	6	2757
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		3035				12637		12923	5e-84	318			
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		3035				19732		19449	5e-84	318			
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BLASTN 2.2.28+

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Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC

Fields: query id, subject id, % identity, alignment length, mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit score

124 hits found

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gi 33347862 gb AF411835.1	AAGE02011126.1	87.76 49	6	0	994
1042 22140 22092 4e-05 58.4					
gi 33347862 gb AF411835.1	AAGE02011126.1	87.23 47	6	0	945
991 22092 22138 5e-04 54.7					
gi 33347862 gb AF411835.1	AAGE02010558.1	88.00 50	4	2	994
1042 13991 13943 4e-05 58.4					
gi 33347862 gb AF411835.1	AAGE02010558.1	87.50 48	4	2	945
991 13943 13989 5e-04 54.7					
gi 33347862 gb AF411835.1	AAGE02010151.1	87.76 49	6	0	994
1042 113592 113544 4e-05 58.4					
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991 113537 113590 1e-04 56.5					

gi 33347862 gb AF411835.1	AAGE02010006.1	92.50 40	3	0	994
1033 35172 35133 4e-05 58.4					
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991 35133 35170 5e-04 54.7					
gi 33347862 gb AF411835.1	AAGE02008934.1	87.76 49	6	0	994
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gi 33347862 gb AF411835.1	AAGE02008103.1	100.00	30	0	0
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1042 5223 5175 4e-05 58.4					
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1042 32349 32397 4e-05 58.4					
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991 32404 32351 1e-04 56.5					
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1023 42486 42453 4e-05 58.4					
gi 33347862 gb AF411835.1	AAGE02004552.1	100.00	28	0	0
964 991 42453 42480 0.002 52.8					
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1015 1045 394 364 4e-05 58.4					
gi 33347862 gb AF411835.1	AAGE02003018.1	100.00	30	0	0
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gi 33347862 gb AF411835.1	AAGE02002823.1	87.76 49	6	0	994
1042 30019 29971 4e-05 58.4					
gi 33347862 gb AF411835.1	AAGE02002823.1	85.19 54	8	0	938
991 29964 30017 1e-04 56.5					
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1042 57644 57692 4e-05 58.4					
gi 33347862 gb AF411835.1	AAGE02002286.1	85.19 54	8	0	938
991 57699 57646 1e-04 56.5					

gi 33347862 gb AF411835.1	AAGE02002117.1	87.76 49	6	0	994
1042 136390 136438	4e-05 58.4				
gi 33347862 gb AF411835.1	AAGE02002117.1	85.19 54	8	0	938
991 136445 136392	1e-04 56.5				
gi 33347862 gb AF411835.1	AAGE02001492.1	87.76 49	6	0	994
1042 21885 21933	4e-05 58.4				
gi 33347862 gb AF411835.1	AAGE02001492.1	87.23 47	6	0	945
991 21933 21887	5e-04 54.7				
gi 33347862 gb AF411835.1	AAGE02028990.1	96.97 33	1	0	994
1026 1038 1070	1e-04 56.5				
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961 988 1070 1043	0.002 52.8				
gi 33347862 gb AF411835.1	AAGE02025701.1	100.00	30	0	0
994 1023 1024 995	1e-04 56.5				
gi 33347862 gb AF411835.1	AAGE02025701.1	100.00	28	0	0
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gi 33347862 gb AF411835.1	AAGE02019662.1	100.00	30	0	0
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gi 33347862 gb AF411835.1	AAGE02019662.1	100.00	28	0	0
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gi 33347862 gb AF411835.1	AAGE02019595.1	100.00	30	0	0
994 1023 29224 29195	1e-04 56.5				
gi 33347862 gb AF411835.1	AAGE02019595.1	100.00	28	0	0
964 991 29195 29222	0.002 52.8				
gi 33347862 gb AF411835.1	AAGE02017893.1	100.00	30	0	0
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gi 33347862 gb AF411835.1	AAGE02017543.1	100.00	30	0	0
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gi 33347862 gb AF411835.1	AAGE02017543.1	100.00	28	0	0
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994 1023 47947 47918	1e-04 56.5				
gi 33347862 gb AF411835.1	AAGE02014027.1	100.00	28	0	0
964 991 47918 47945	0.002 52.8				
gi 33347862 gb AF411835.1	AAGE02012857.1	100.00	30	0	0
994 1023 62290 62261	1e-04 56.5				
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964 991 62261 62288	0.002 52.8				
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1042 39177 39130	1e-04 56.5				
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991 39130 39176	5e-04 54.7				
gi 33347862 gb AF411835.1	AAGE02009415.1	100.00	30	0	0
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gi 33347862 gb AF411835.1	AAGE02009415.1	100.00	28	0	0
964 991 86048 86075	0.002 52.8				
gi 33347862 gb AF411835.1	AAGE02008717.1	100.00	30	0	0
994 1023 12441 12470	1e-04 56.5				
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964 991 12470 12443	0.002 52.8				

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964 991 40243 40270 0.002 52.8
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gi|33347862|gb|AF411835.1| AAGE02008375.1 100.00 28 0 0
964 991 55251 55224 0.002 52.8
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1023 103338 103306 1e-04 56.5
gi|33347862|gb|AF411835.1| AAGE02006790.1 100.00 30 0 0
994 1023 83985 84014 1e-04 56.5
gi|33347862|gb|AF411835.1| AAGE02006790.1 100.00 28 0 0
964 991 84014 83987 0.002 52.8
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964 991 194356 194383 0.002 52.8
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994 1023 30033 30004 1e-04 56.5
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gi|33347862|gb|AF411835.1| AAGE02001105.1 100.00 30 0 0
994 1023 139921 139892 1e-04 56.5
gi|33347862|gb|AF411835.1| AAGE02001105.1 100.00 28 0 0
964 991 139892 139919 0.002 52.8
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994 1021 16555 16582 0.002 52.8

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BLASTN 2.2.28+

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# Query: gi|37993680|gb|AY347953.1| Aedes aegypti A20 sequence
containing region similar to NS5 gene of Kamiti River virus
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# Fields: query id, subject id, % identity, alignment length,
mismatches, gap opens, q. start, q. end, s. start, s. end, evalue, bit
score

```

58 hits found

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gi|37993680|gb|AY347953.1| AAGE02010562.1 98.09 1308 25 0 546
1853 52240 53547 0.0 2278
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3001 119579 120327 0.0 1077
gi|37993680|gb|AY347953.1| AAGE02010562.1 97.50 360 7 2 45
402 92921 93280 5e-173 614
gi|37993680|gb|AY347953.1| AAGE02010562.1 88.40 293 6 8 405
684 43481 43758 7e-87 327

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gi	37993680 gb AY347953.1	AAGE02010562.1	96.88 160	4	1	1850
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	3001 6904 6215 0.0 1116					
gi	37993680 gb AY347953.1	AAGE02016465.1	95.95 692	18	4	2320
	3001 6380 5689 0.0 1114					
gi	37993680 gb AY347953.1	AAGE02018358.1	95.95 691	18	4	2321
	3001 139145 139835 0.0 1112					
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	3001 29200 28496 0.0 1107					
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	3001 119420 118733 0.0 1107					
gi	37993680 gb AY347953.1	AAGE02021947.1	95.67 693	20	4	2319
	3001 35161 34469 0.0 1105					
gi	37993680 gb AY347953.1	AAGE02013836.1	95.67 693	19	5	2320
	3001 8440 7748 0.0 1103					
gi	37993680 gb AY347953.1	AAGE02008334.1	95.53 694	20	5	2319
	3001 13494 14187 0.0 1099					
gi	37993680 gb AY347953.1	AAGE02015419.1	95.65 690	16	5	2322
	3001 2071 2756 0.0 1096					
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	3001 63831 63138 0.0 1088					
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gi	37993680 gb AY347953.1	AAGE02005550.1	95.36 690	22	4	2322
	3001 26116 26805 0.0 1088					
gi	37993680 gb AY347953.1	AAGE02028342.1	95.21 689	19	8	2323
	3001 9070 8386 0.0 1077					
gi	37993680 gb AY347953.1	AAGE02021302.1	94.93 690	24	5	2322
	3001 99474 100162 0.0 1070					
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	3001 23059 23744 0.0 1064					
gi	37993680 gb AY347953.1	AAGE02014021.1	95.39 673	20	5	2339
	3001 41574 40903 0.0 1061					
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	402 108335 107977 2e-167 595					
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	402 115527 115169 2e-167 595					
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	402 17083 16726 8e-166 590					
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	400 23620 23264 1e-164 586					
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	400 123368 123724 5e-163 580					
gi	37993680 gb AY347953.1	AAGE02021034.1	96.03 302	11	1	100
	400 130251 130552 9e-136 490					

gi 37993680 gb AY347953.1	AAGE02021034.1	97.87 141	2	1	45
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368 25383 25707	7e-147 527				
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402 9131 9437	7e-147 527				
gi 37993680 gb AY347953.1	AAGE02002119.1	96.10 308	12	0	2014
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2321 7735 8041	4e-139 501				
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2321 9932 9626	2e-137 496				
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2321 1695 2001	2e-137 496				
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2321 11061 10755	2e-137 496				
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2321 17240 16935	2e-137 496				
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2321 144125 143819	4e-134 484				
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2321 34220 33914	2e-127 462				
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2321 20232 19926	9e-126 457				
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2321 69281 69587	4e-124 451				
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2321 20063 20380	2e-112 412				
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3001 24712 24501	6e-93 348				
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2321 197490 197691	9e-81 307				

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gi|37993680|gb|AY347953.1| AAGE02009848.1  94.71 189  10  0  2133
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    2140 662  788 1e-50 207
# BLASTN 2.2.28+
# Query: gi|335355336|gb|JF707856.1| Flavivirus AV-2011/Spain strain
HU973_04 NS5 protein-like gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|335355337|gb|JF707857.1| Flavivirus AV-2011/Spain strain
HU974_04 NS5 protein-like gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
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# Query: gi|335355338|gb|JF707858.1| Flavivirus AV-2011/Spain strain
HU2316_06 NS5 protein-like gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
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# Query: gi|335355339|gb|JF707859.1| Flavivirus AV-2011/Spain strain
GI102_01 NS5 protein-like gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLASTN 2.2.28+
# Query: gi|335355340|gb|JF707860.1| Flavivirus AV-2011/Spain strain
GI6_01 NS5 protein-like gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
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# Query: gi|667796634|gb|KF801604.1| Mosquito flavivirus strain
Av1106-TO/ITA/2012 nonfunctional NS5 protein gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
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# Query: gi|667796629|gb|KF801601.1| Mosquito flavivirus strain
Av1014-VC/ITA/2012 nonfunctional NS5 protein gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
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# Query: gi|667796609|gb|KF801590.1| Mosquito flavivirus strain Av569-
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Av1116-CN/ITA/2012 nonfunctional NS5 protein gene, partial sequence
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
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# Query: gi|667796622|gb|KF801597.1| Mosquito flavivirus strain Av710-
VC/ITA/2012 nonfunctional NS5 protein gene, partial sequence

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# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
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# Query: gi|667796630|gb|KF801602.1| Mosquito flavivirus strain
Av1020-TO/ITA/2012 NS5 protein gene, partial cds
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# 0 hits found
# BLASTN 2.2.28+
# Query: gi|667796638|gb|KF801607.1| Mosquito flavivirus strain
Av1228-VC/ITA/2012 NS5 protein gene, partial cds
# Database: /Volumes/Seagate_Exp_2/aedes_aegypti/blast_dbps/AaLVPC
# 0 hits found
# BLAST processed 261 queries
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