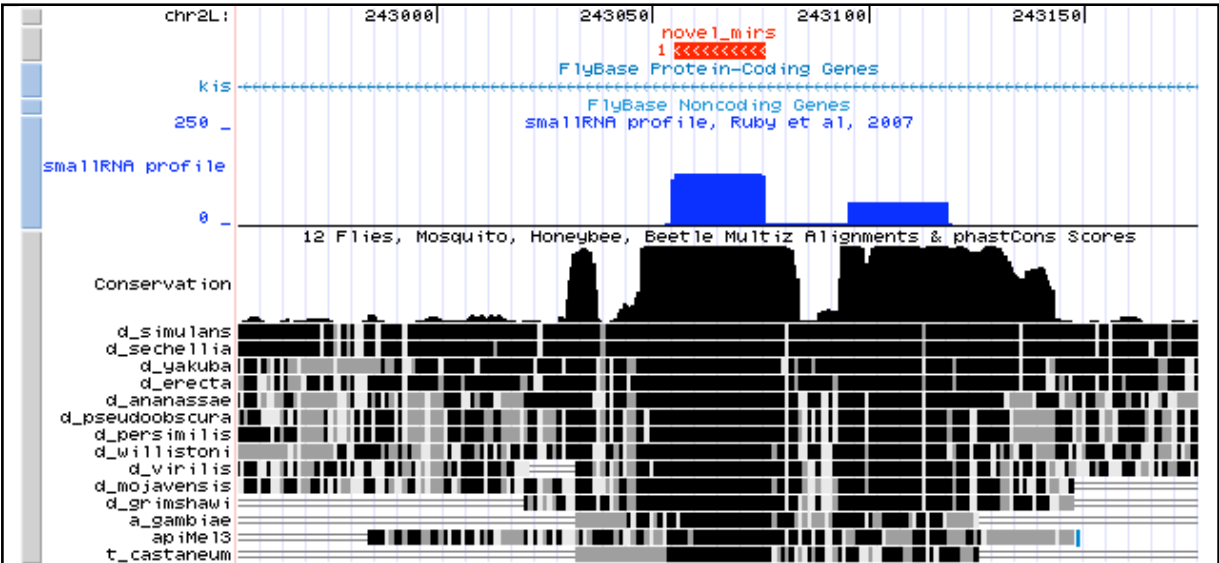


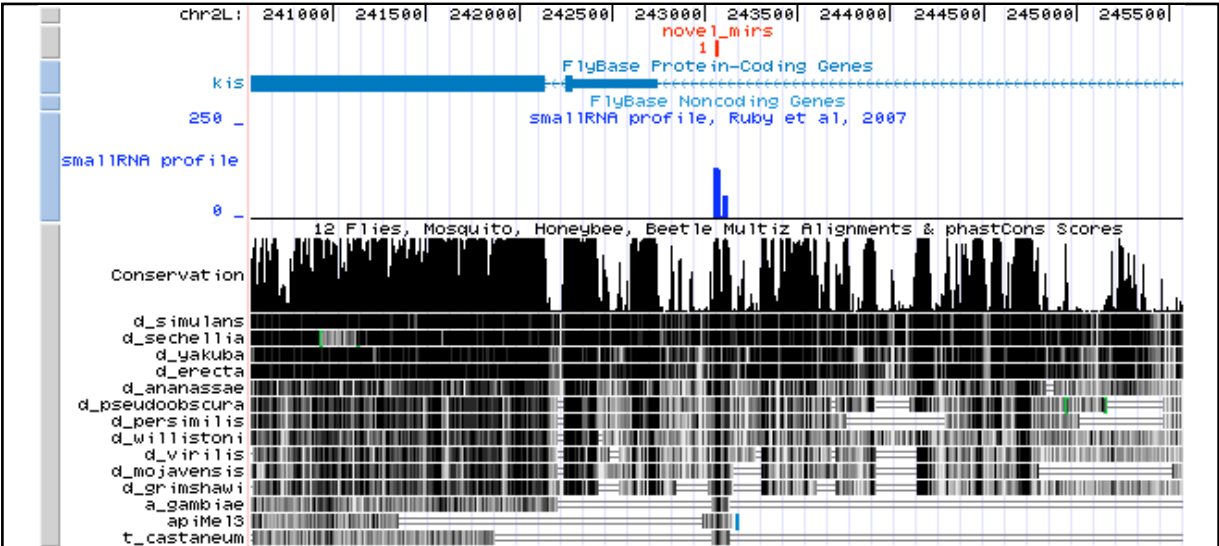
miRNA 1 chr2L : 243055 - 243076 Transcribed strand: -

predicted as: locus17
Validated: detected in small RNA sequencing data
Mature sequence: UAAGCGUAUAGCUUUUCCCCUU

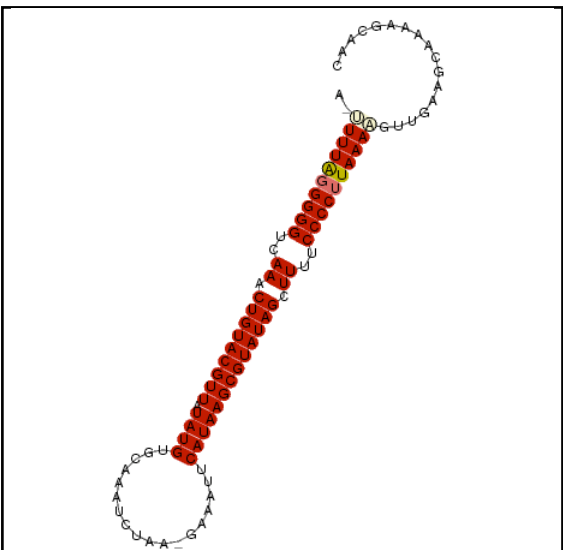
conservation profile



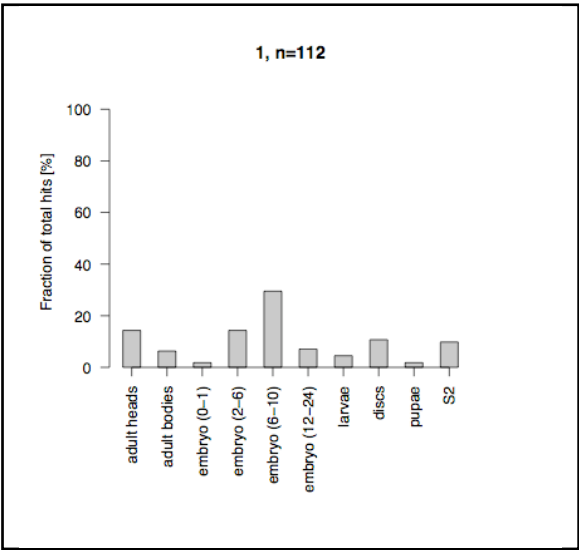
genomic context



rnafold / alifold prediction



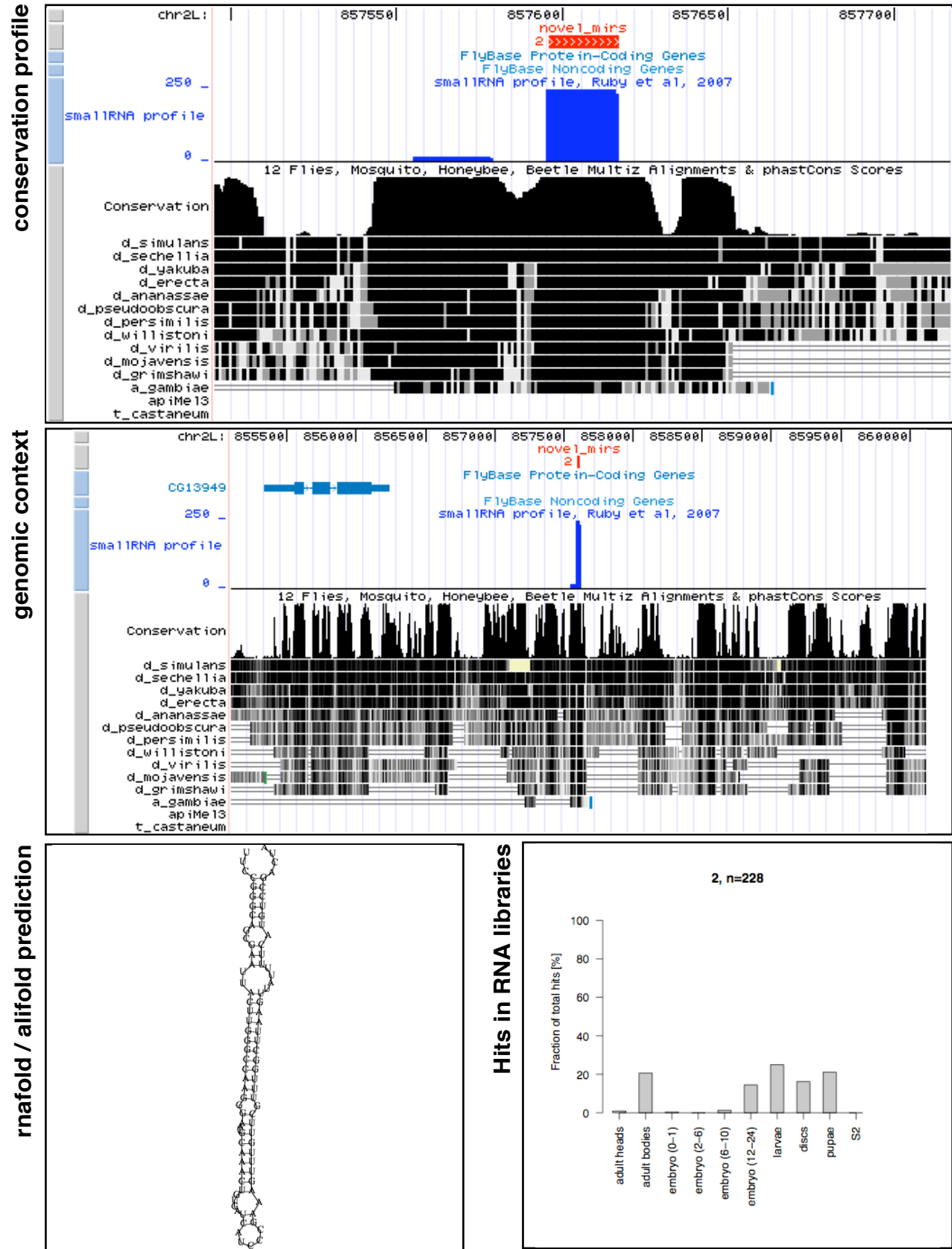
Hits in RNA libraries



miRNA 2 chr2L : 857596 - 857617 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data

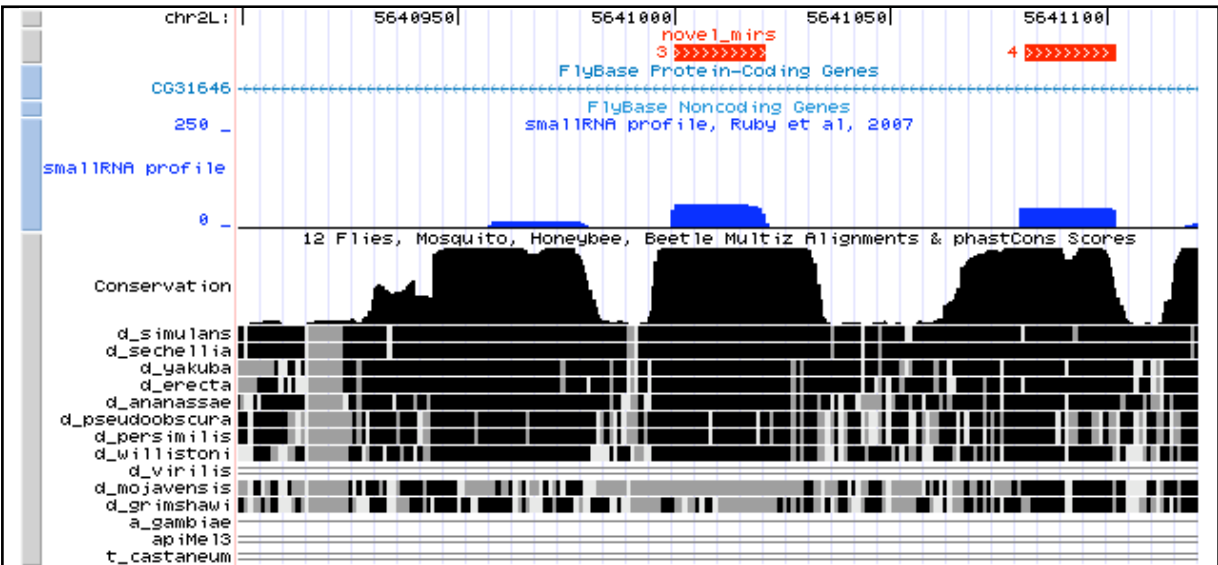
Mature sequence: **UUUGUUCGUUUGGCUUAAGUUA**



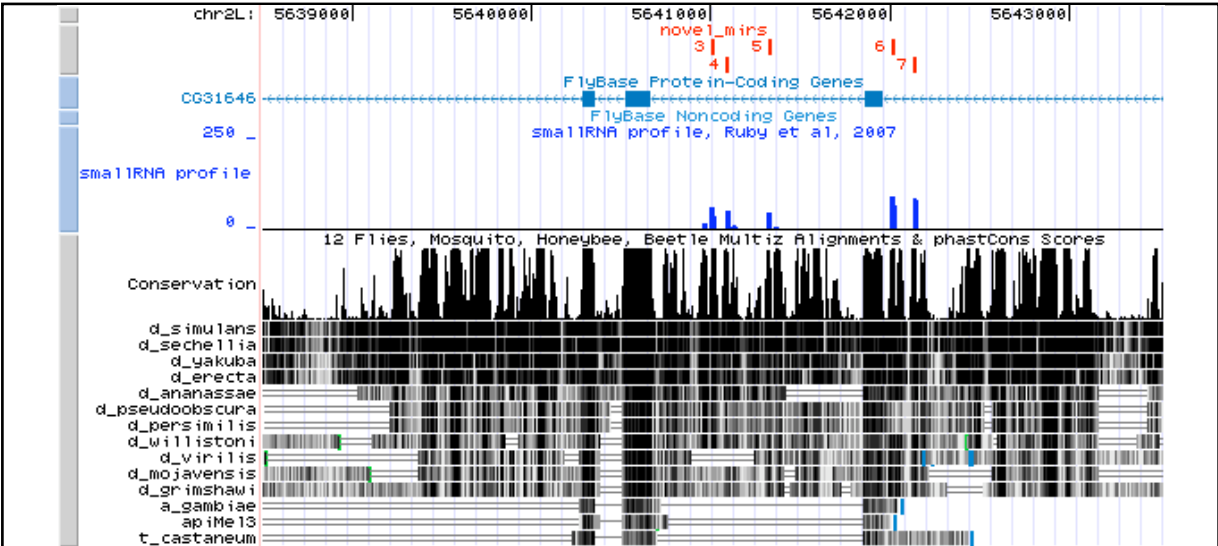
miRNA 3 chr2L : 5641000 - 5641021 Transcribed strand: + cluster3

predicted as: manual2
Validated: detected in small RNA sequencing data
Mature sequence: UUGUCAUCGGGGGUAUUAUGAA

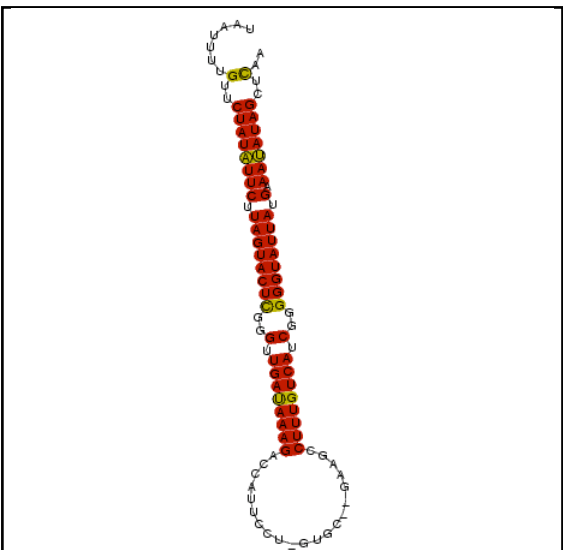
conservation profile



genomic context

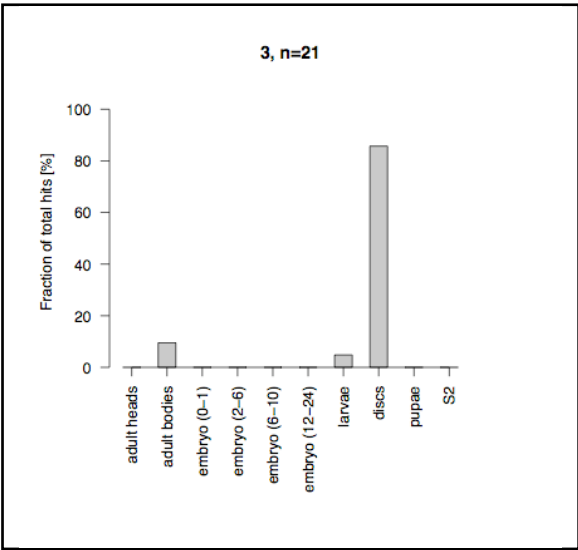


rnafold / alifold prediction



manual11+

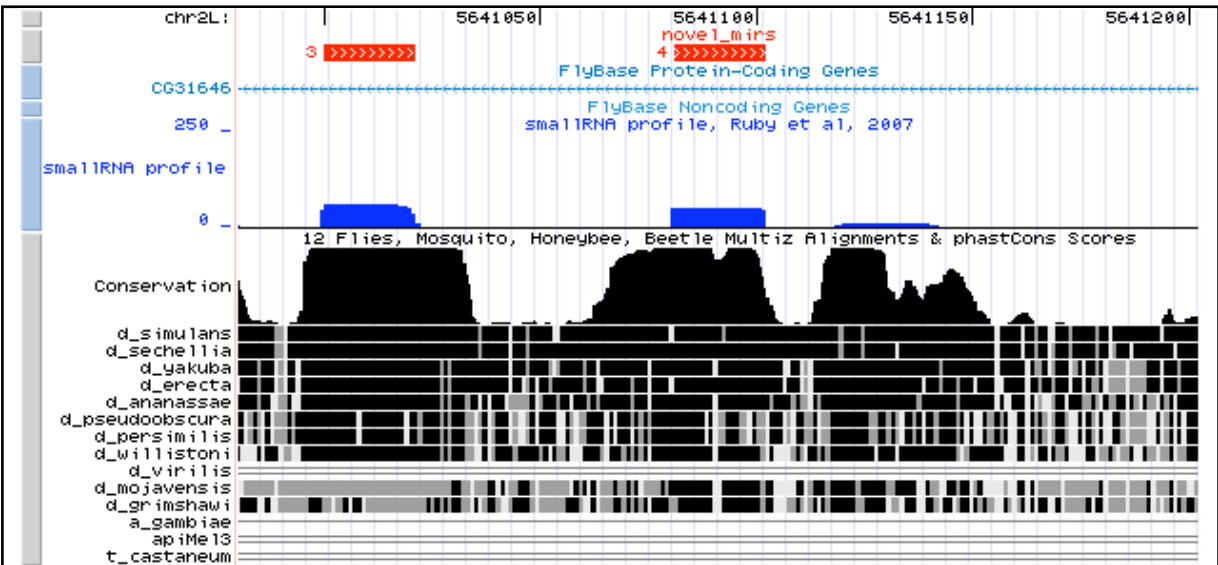
Hits in RNA libraries



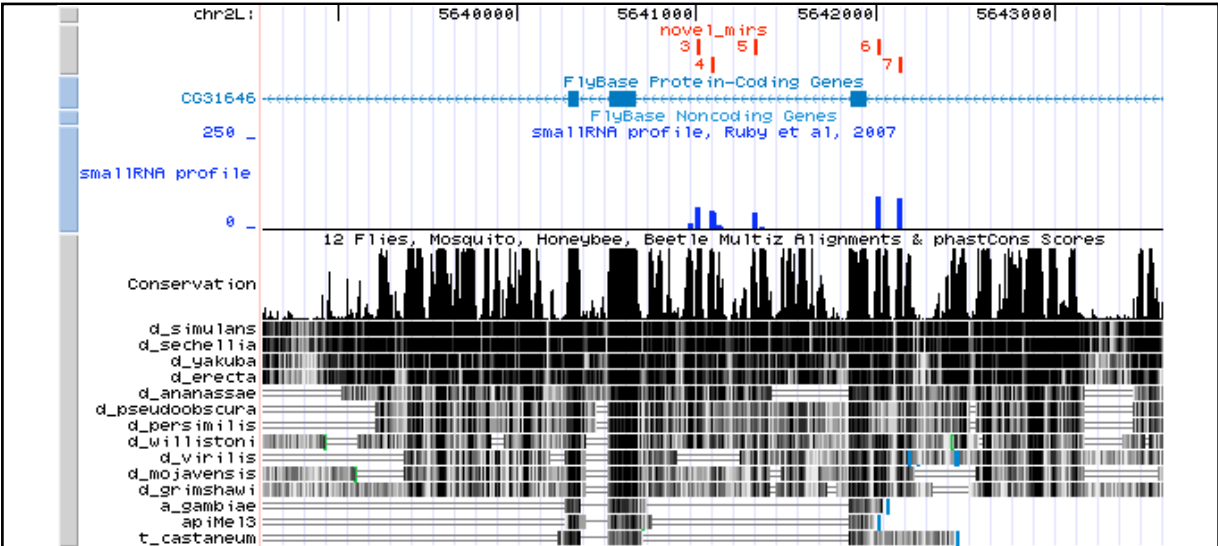
miRNA 4 chr2L : 5641081 - 5641102 Transcribed strand: + cluster3

predicted as: manual7
Validated: detected in small RNA sequencing data
Mature sequence: UGAGUAUCCAGAUUGCAUAGC

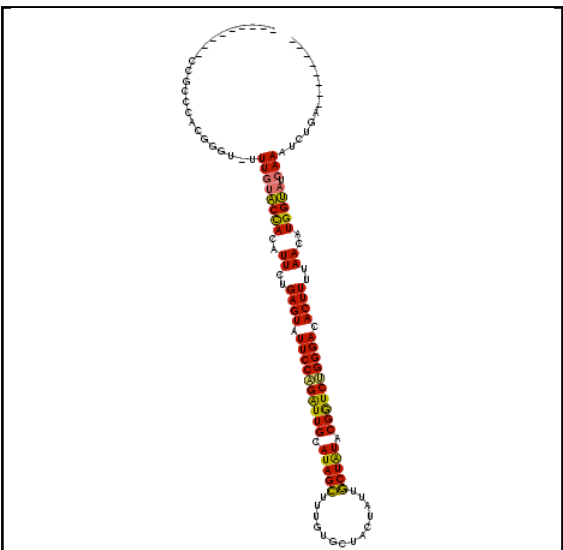
conservation profile



genomic context

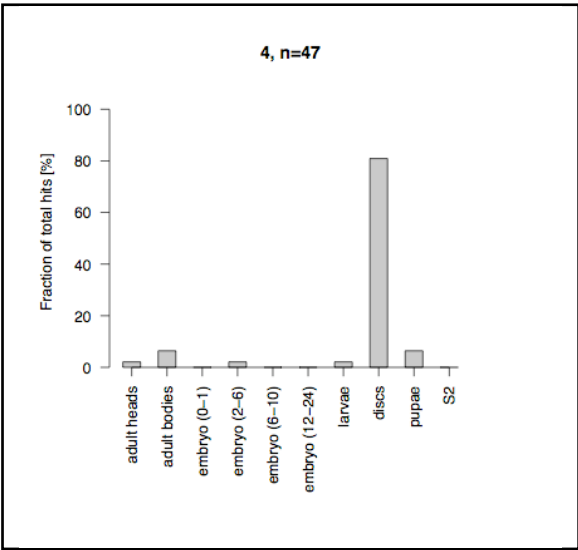


rnafold / alifold prediction



manual7+

Hits in RNA libraries



miRNA 5

chr2L : 5641316 - 5641339

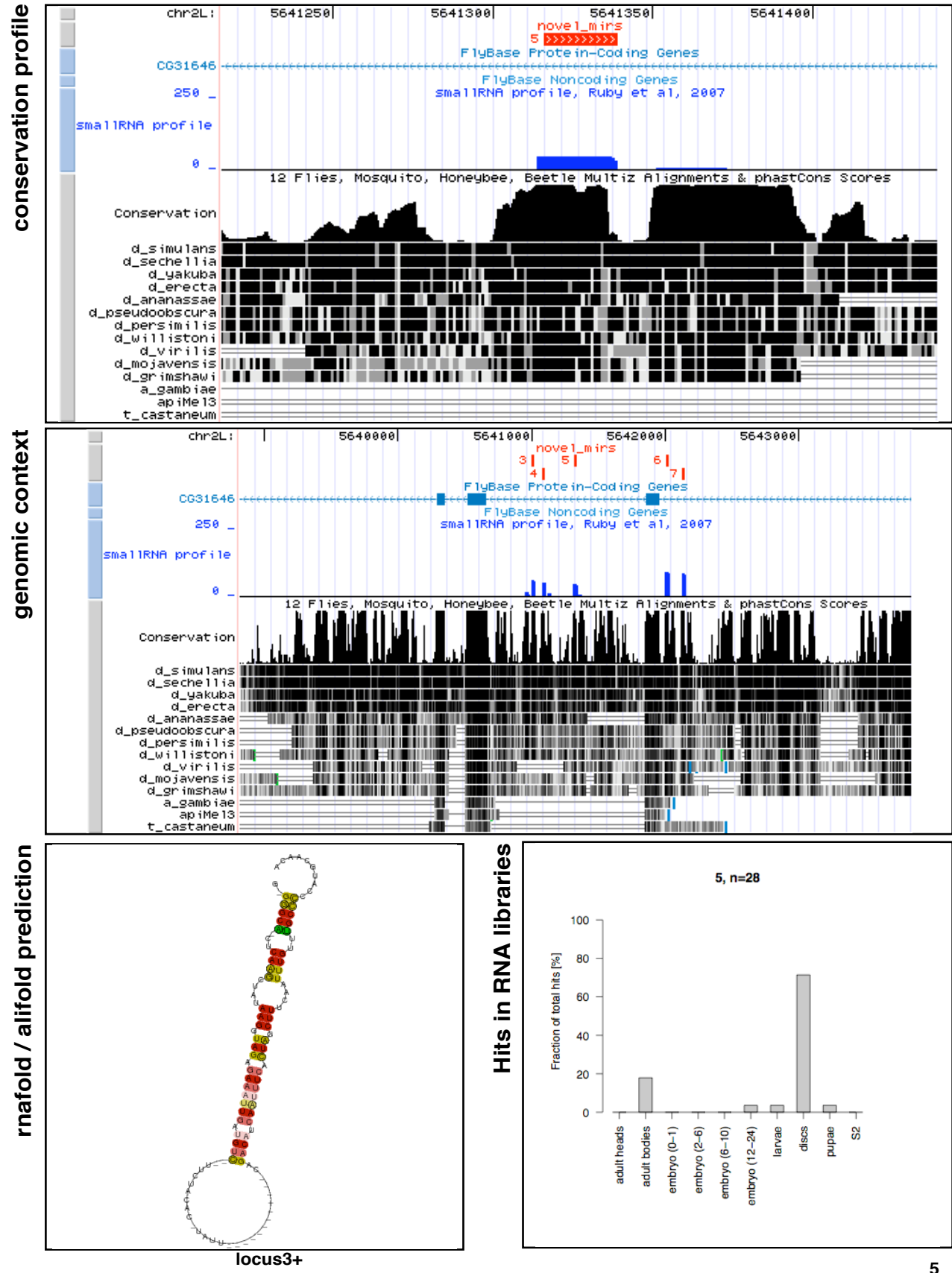
Transcribed strand: +

cluster3

predicted as: locus3

Validated: detected in small RNA sequencing data, validated by Northern blot

Mature sequence: AUAAGGUAGAGAAAUUGAUGCUGUC

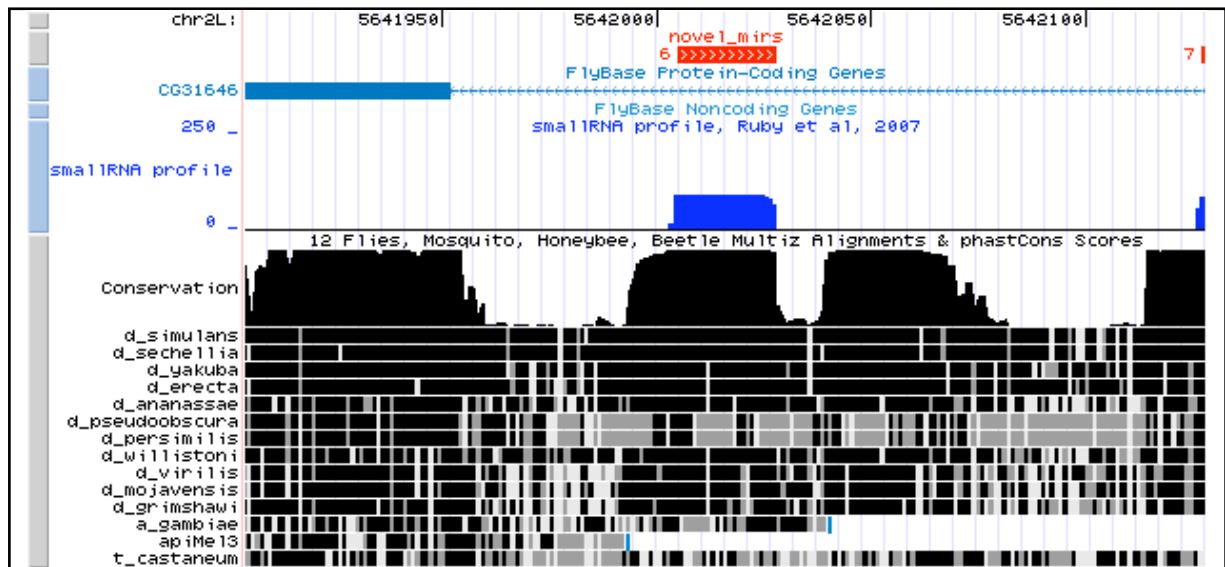


predicted as: manual6

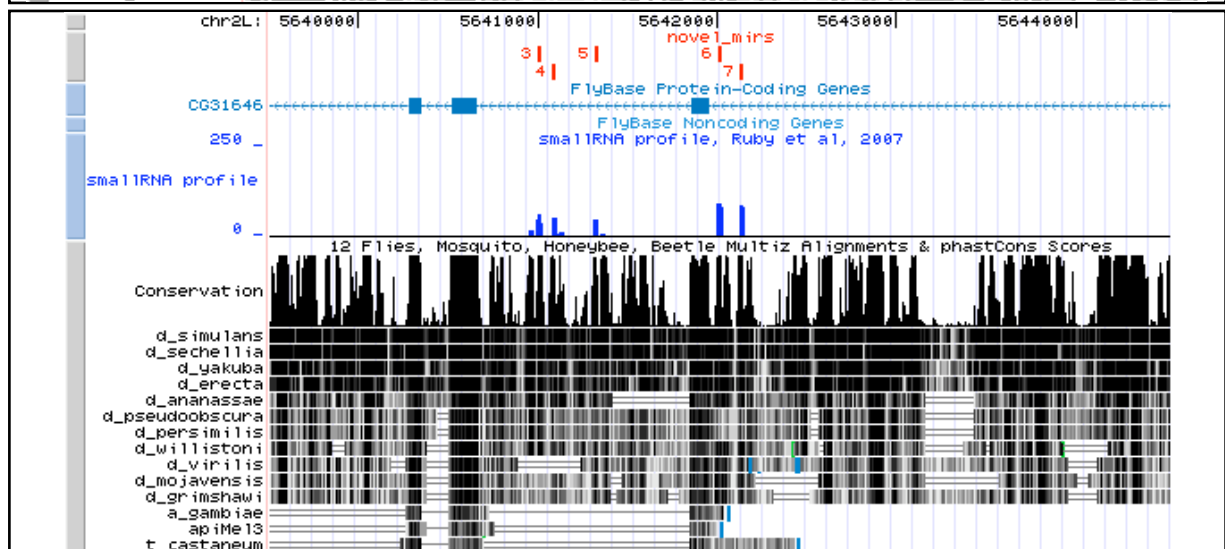
Validated: detected in small RNA sequencing data

Mature sequence: ACAAGGUAUAUCAGGUUGUUUC

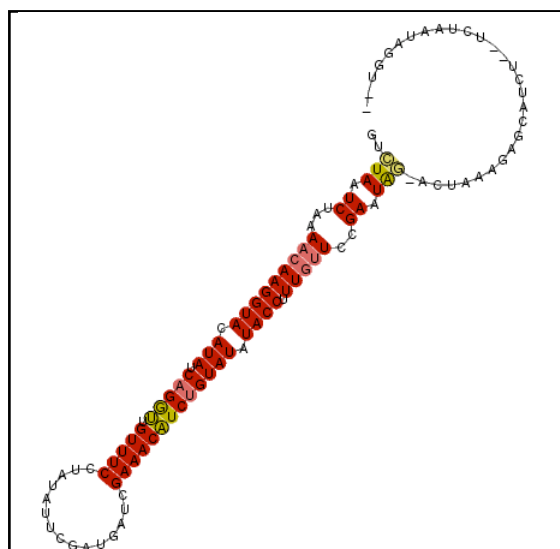
conservation profile



genomic context

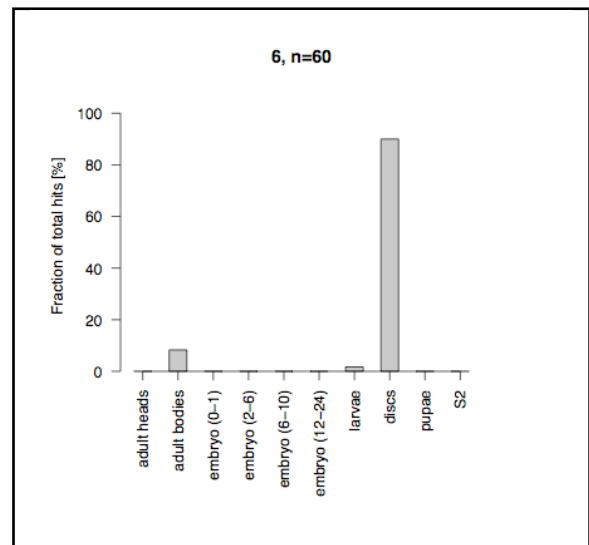


rnafold / alifold prediction



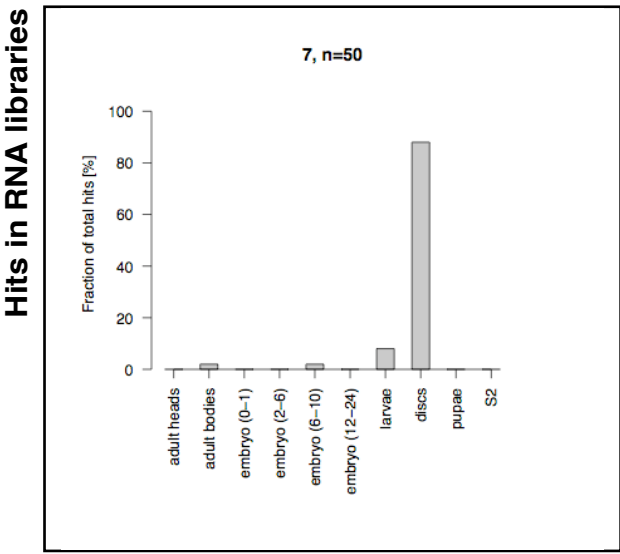
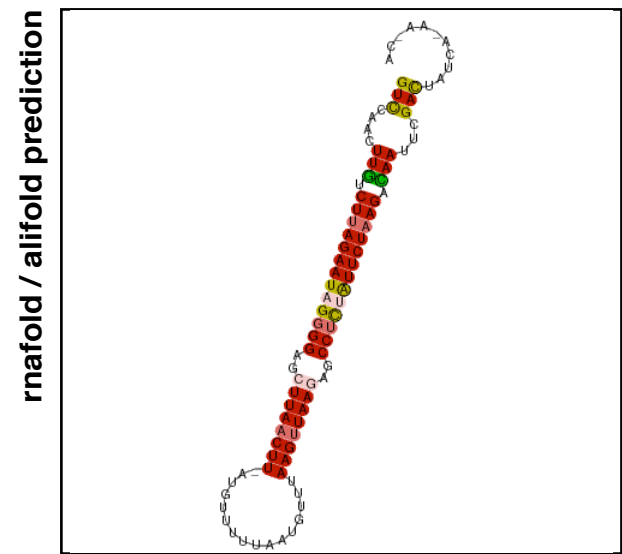
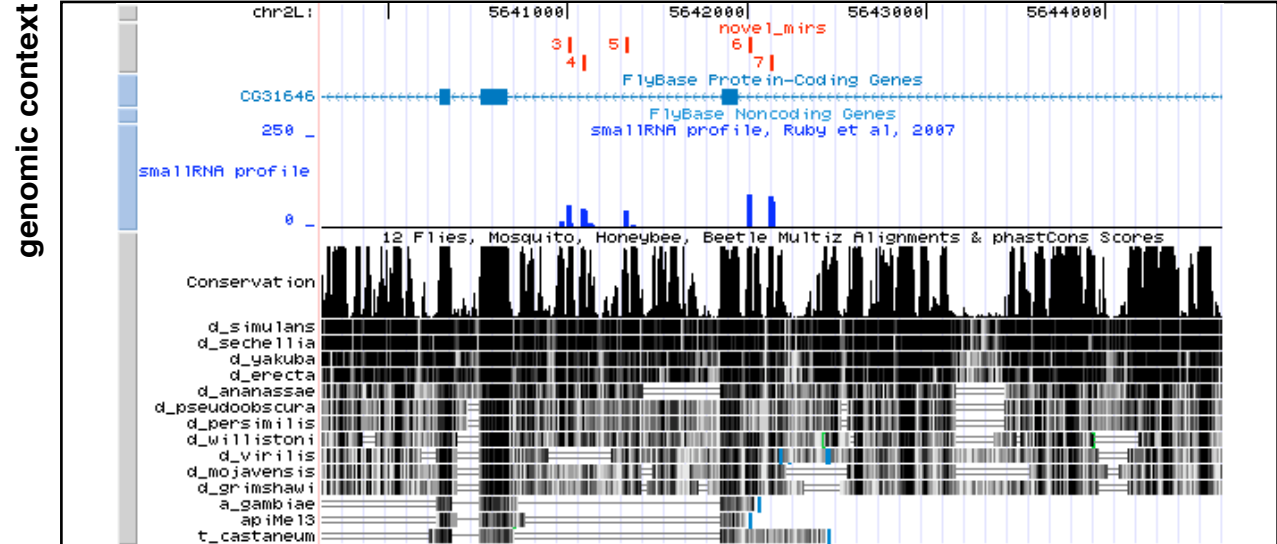
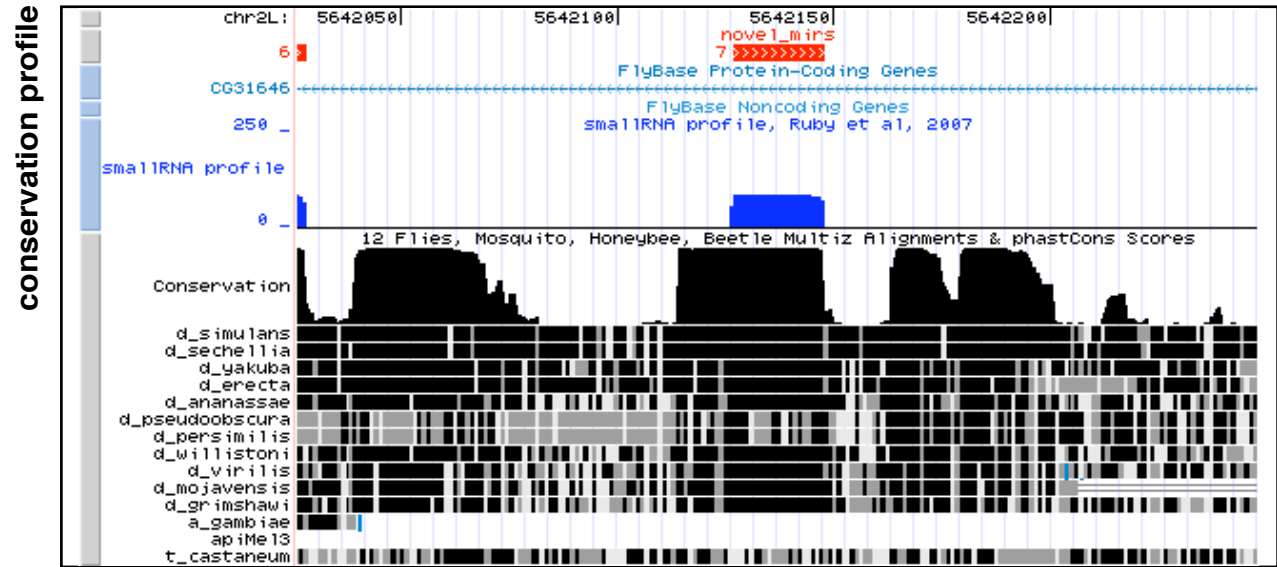
manual6+

Hits in RNA libraries



miRNA 7 chr2L : 5642127 - 5642148 Transcribed strand: + cluster3

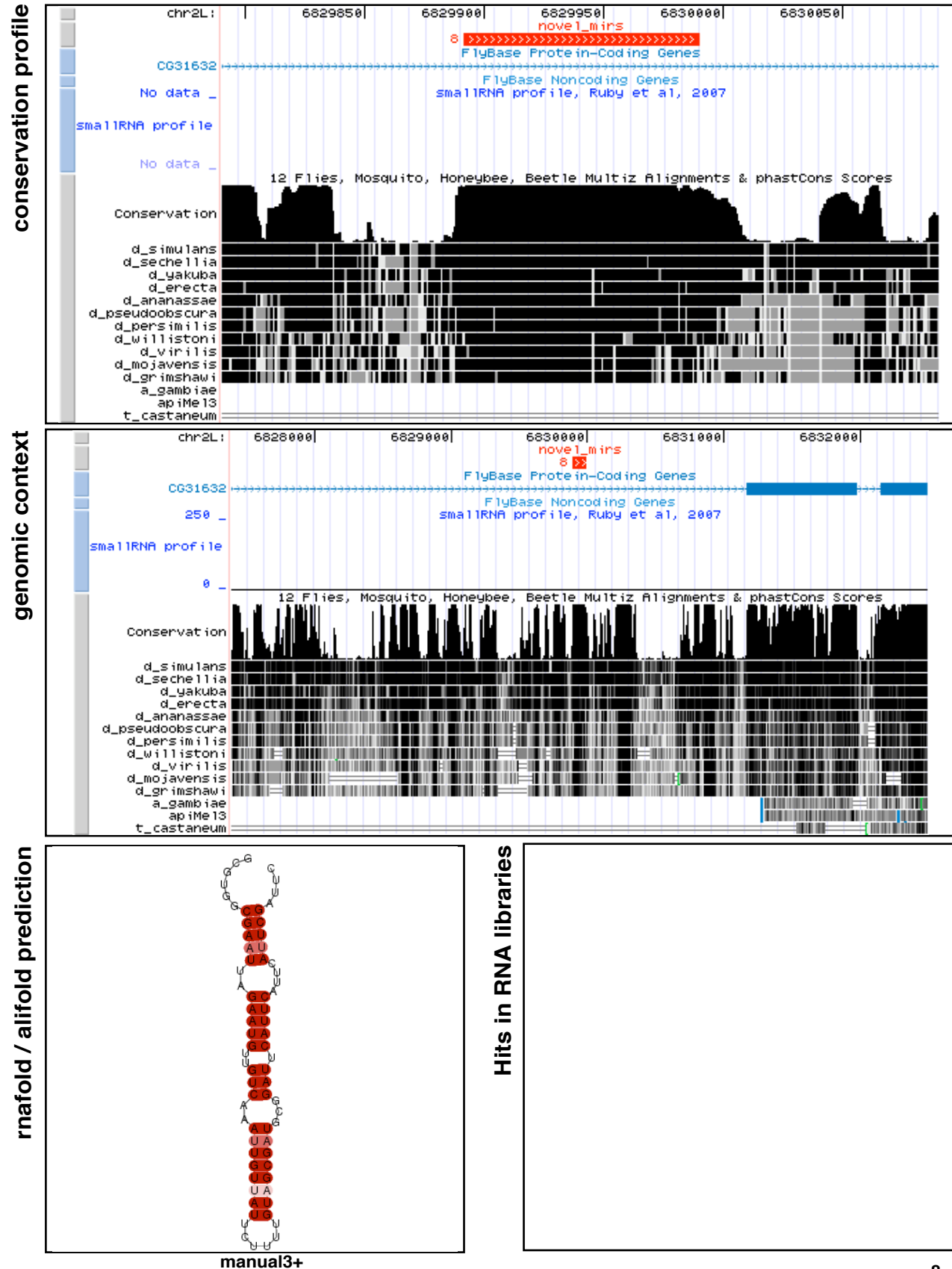
predicted as: locus18
Validated: detected in small RNA sequencing data, validated by Northern blot
Mature sequence: UUAGAAUAGGGGAGCUUAACUU



miRNA 8 chr2L : 6829891 - 6829990 Transcribed strand: +

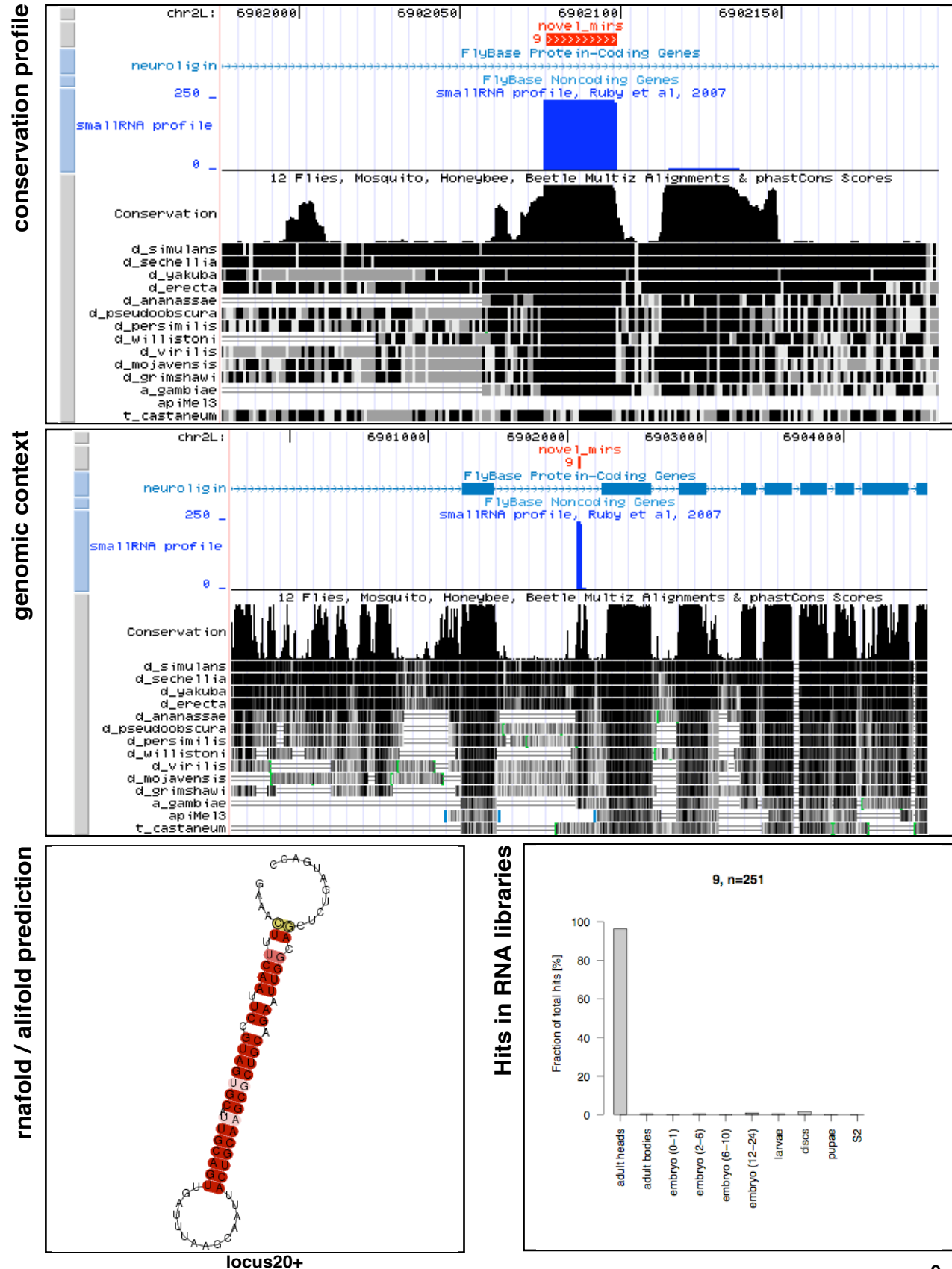
predicted as: manual3
Validated: validated by Northern blot only

Mature sequence: n.d., sequence matched by Northern probe: GCGUGGCGAAUAGAAUGUUGUCAAAUUGUUAU



miRNA 9 chr2L : 6902077 - 6902099 Transcribed strand: +

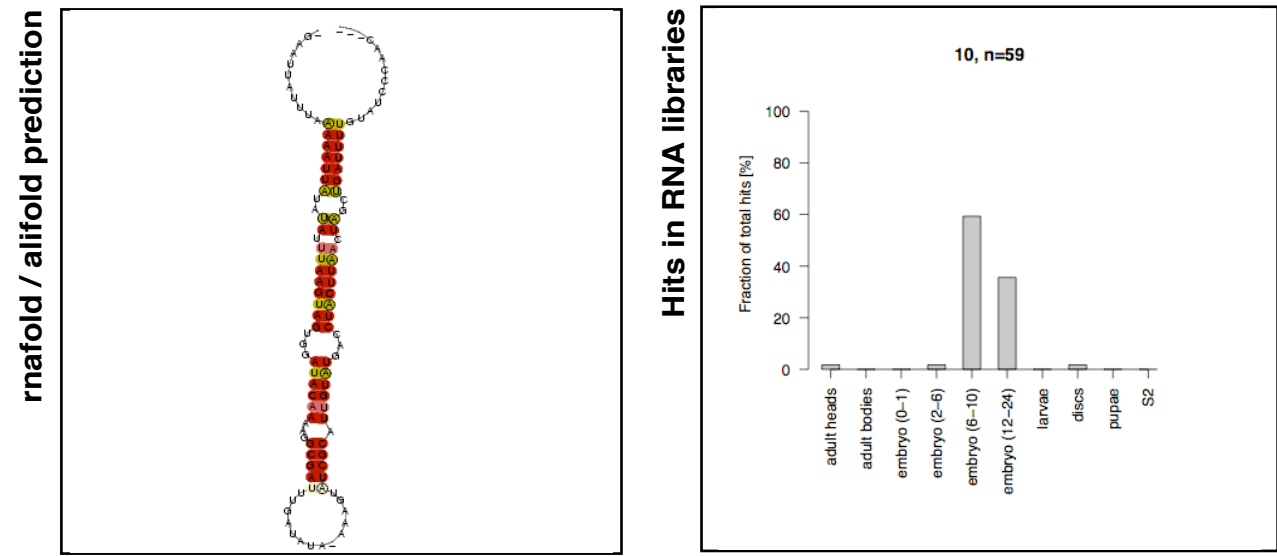
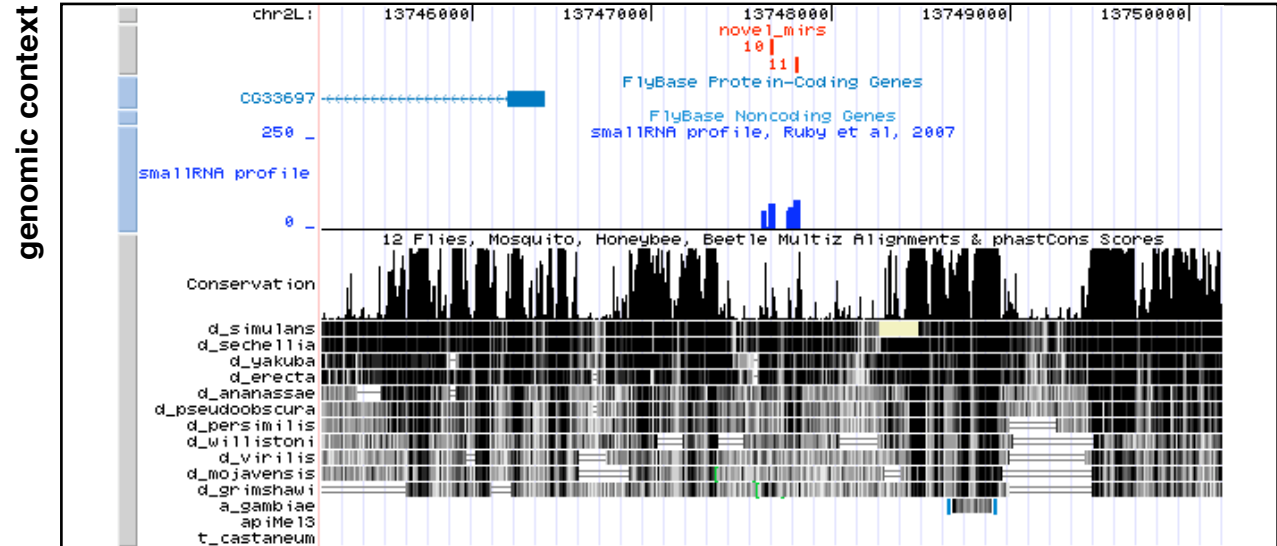
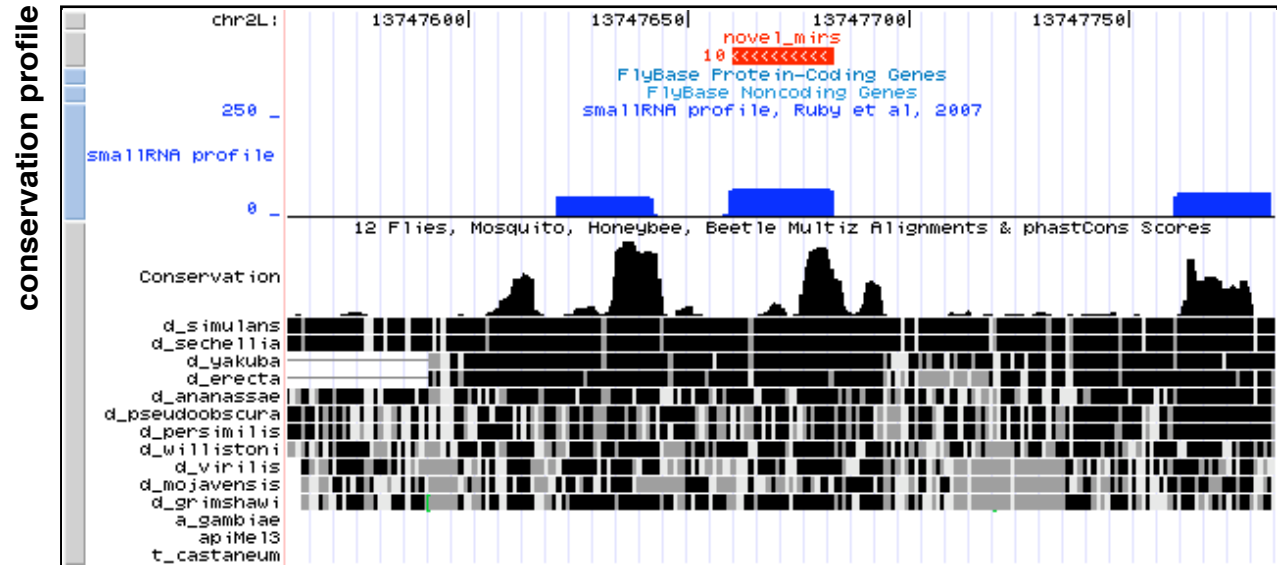
predicted as: locus20
Validated: detected in small RNA sequencing data, validated by Northern blot
Mature sequence: UCAAUCCGUAGUGCAUUGCAG



miRNA 10 chr2L : 13747660 - 13747683 Transcribed strand: - cluster4

predicted as: manual5
Validated: detected in small RNA sequencing data, validated by Northern blot

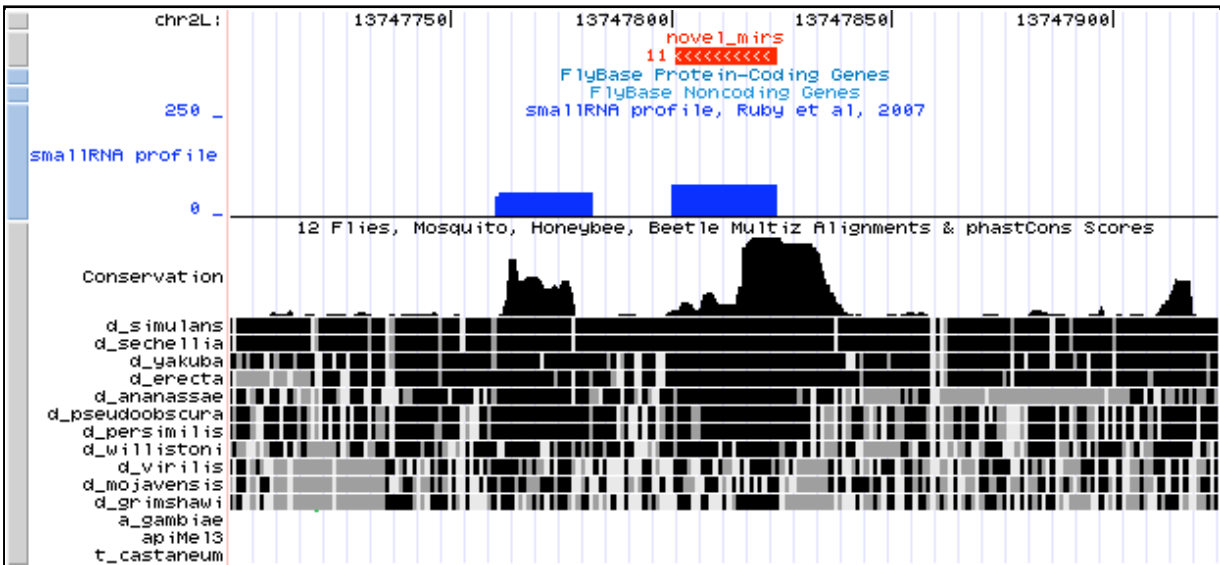
Mature sequence: UUAAGUAGUGGAUACAAAGGGCGA



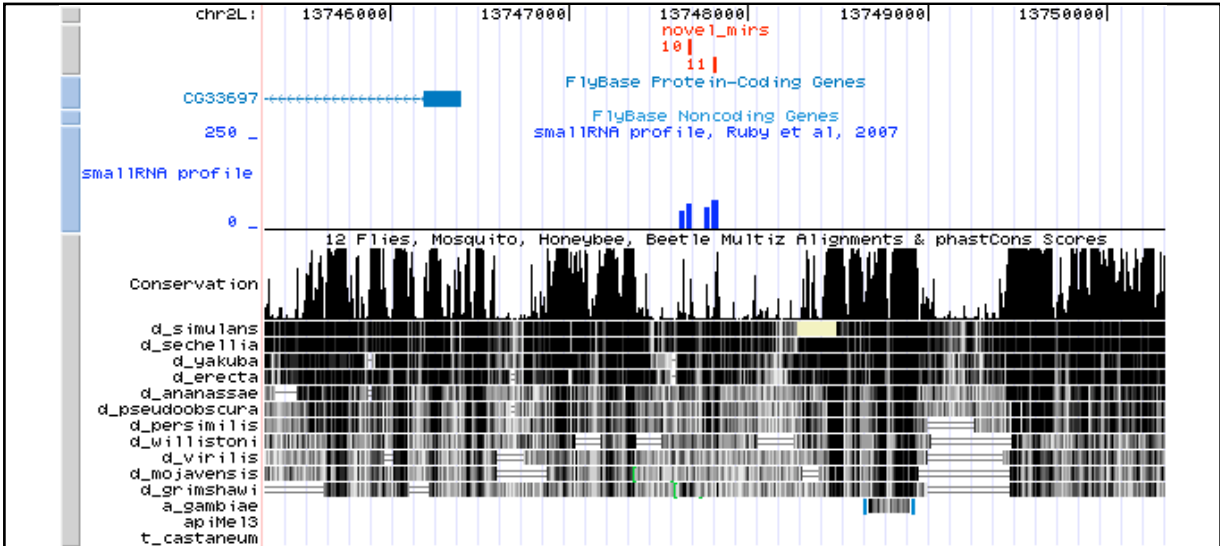
miRNA 11 chr2L: 13747801 - 13747824 Transcribed strand: - **cluster4**

predicted as: locus4
Validated: detected in small RNA sequencing data, validated by Northern blot
Mature sequence: UAAGUAGUAUCCAUAAGGGUUG

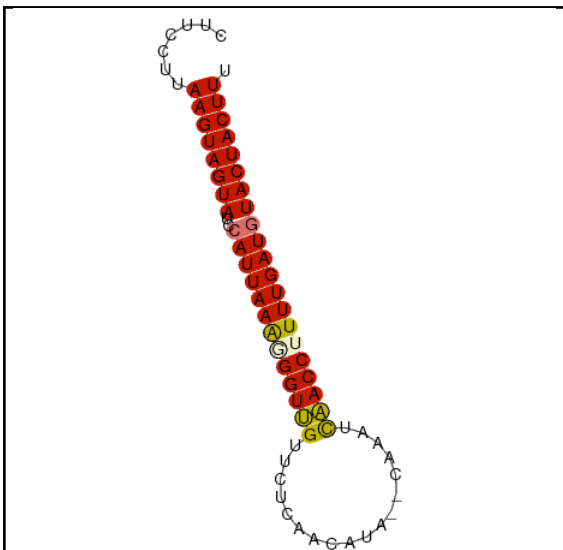
conservation profile



genomic context

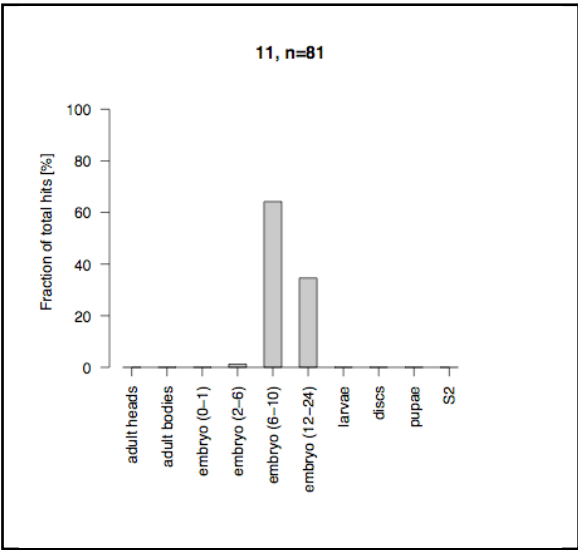


rnafold / alifold prediction



locus4-

Hits in RNA libraries

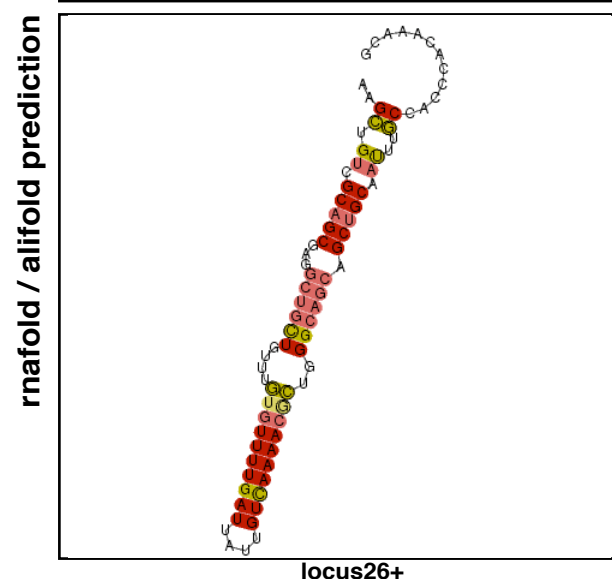
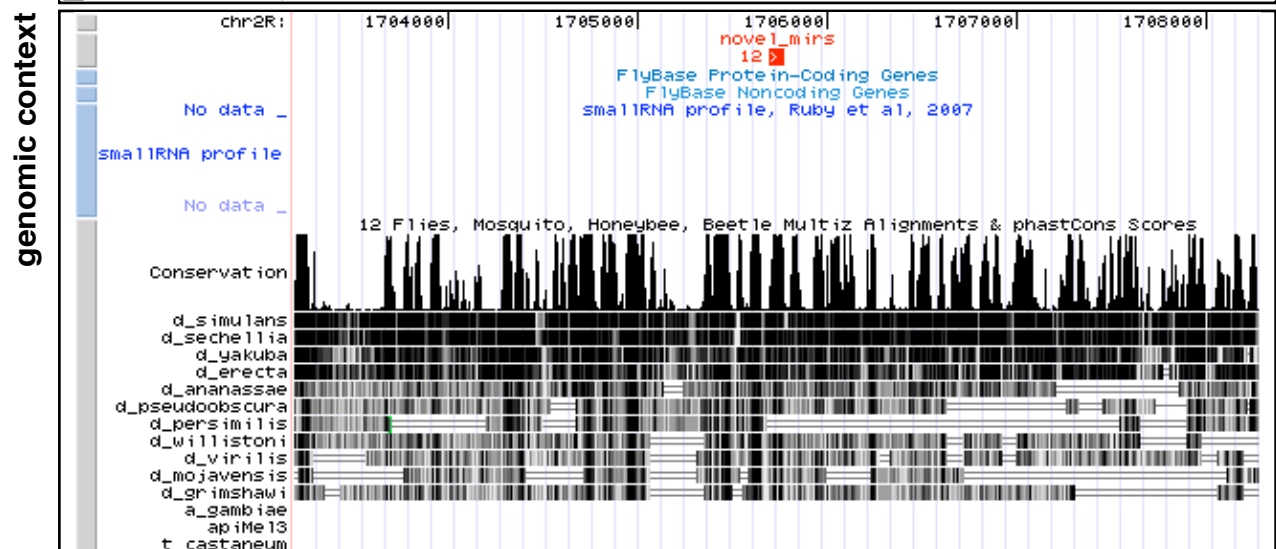
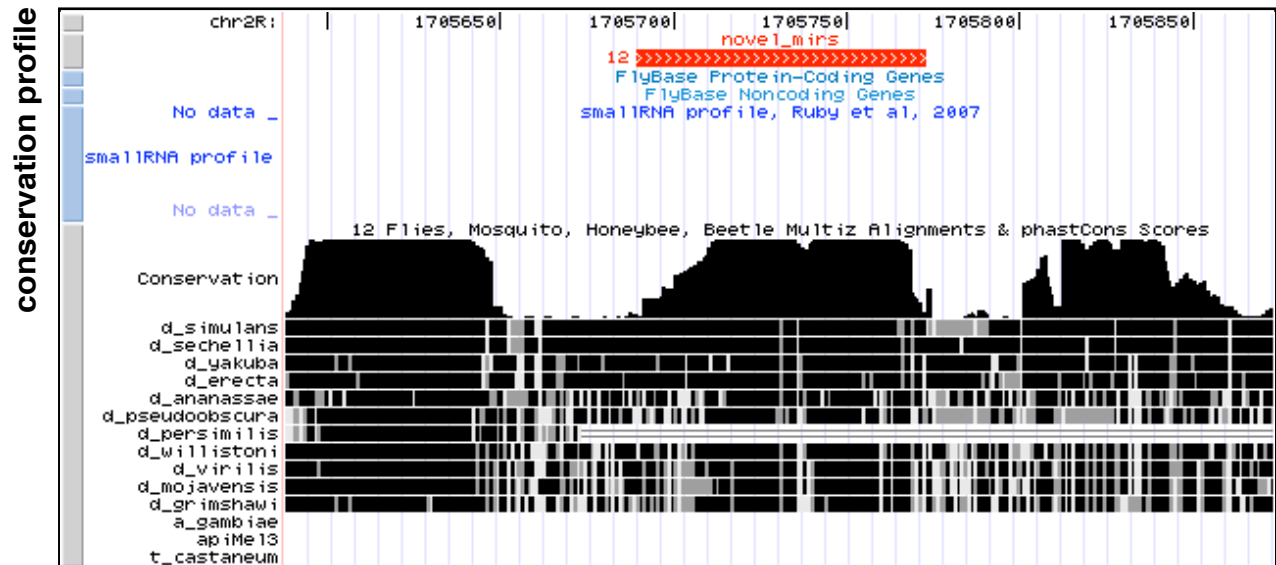


miRNA 12 chr2R: 1705689 - 1705773 Transcribed strand: +

predicted as: locus26

Validated: validated by Northern blot only

Mature sequence: n.d.,sequence matched by Northern probe: GGCUGCUGUUUGUGUUUUGAU



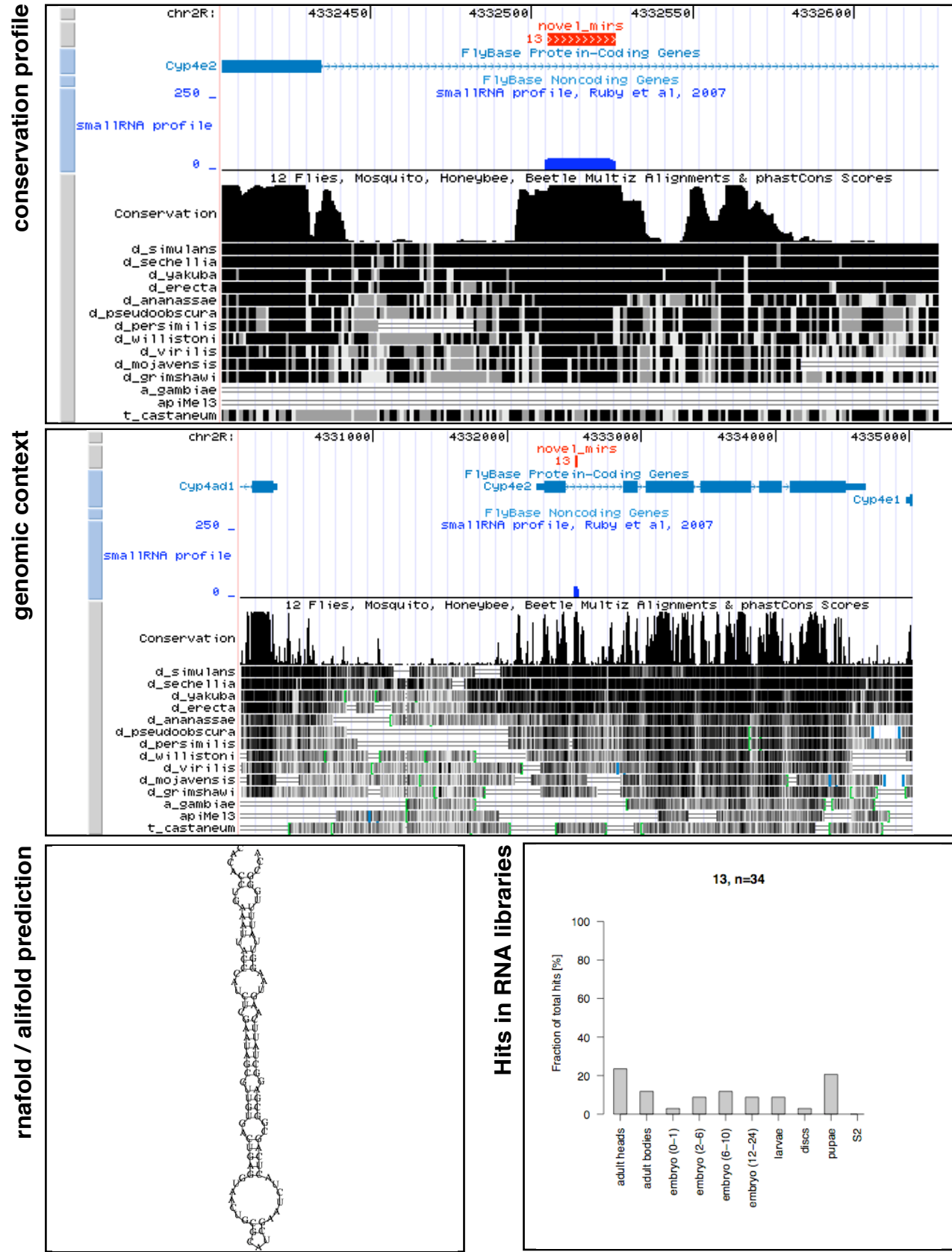
Hits in RNA libraries

locus26+

miRNA 13 chr2R : 4332505 - 4332526 Transcribed strand: +

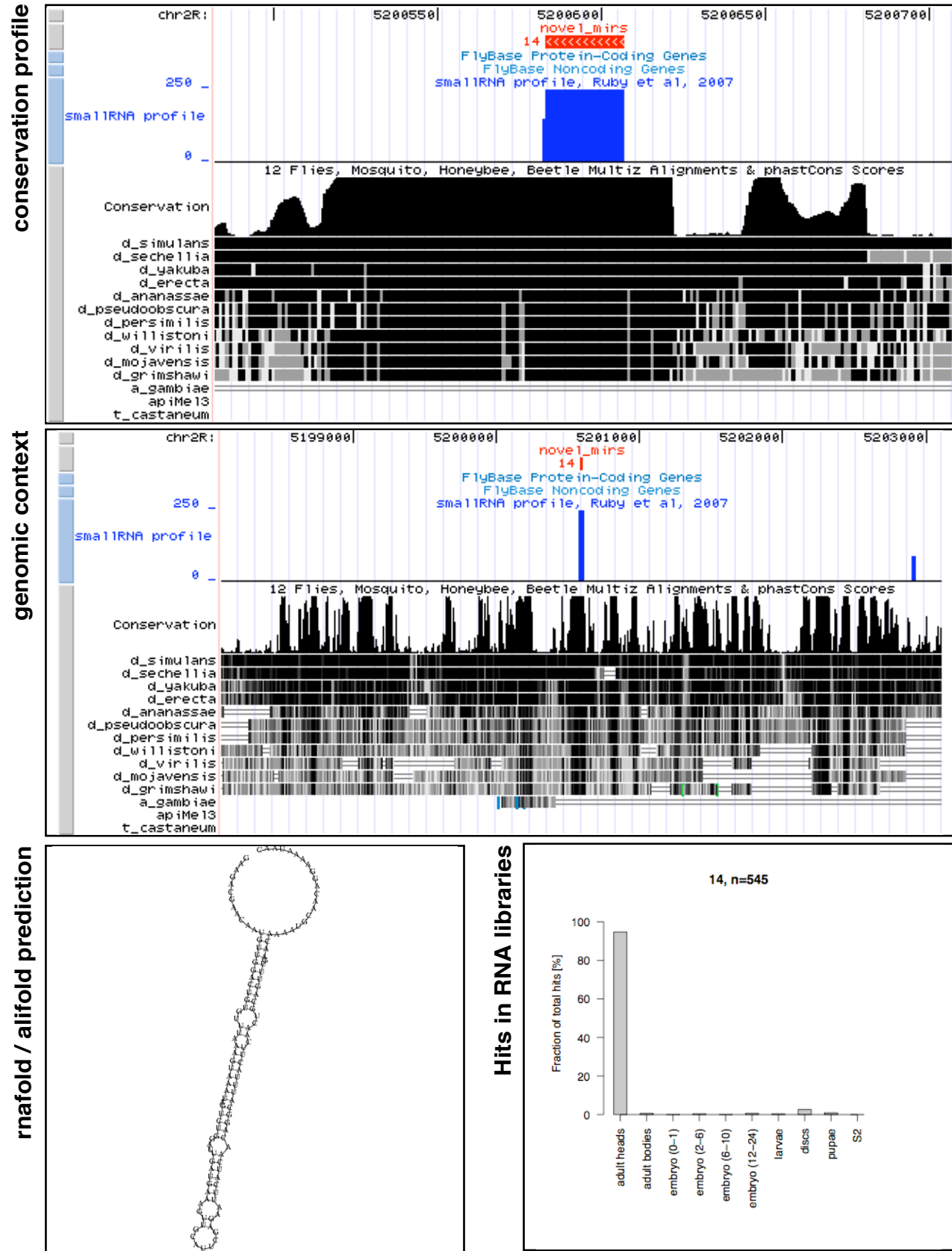
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: **UCUCGAAUAGCGUUGUGACUGA**



miRNA 14 chr2R : 5200583 - 5200607 Transcribed strand: -

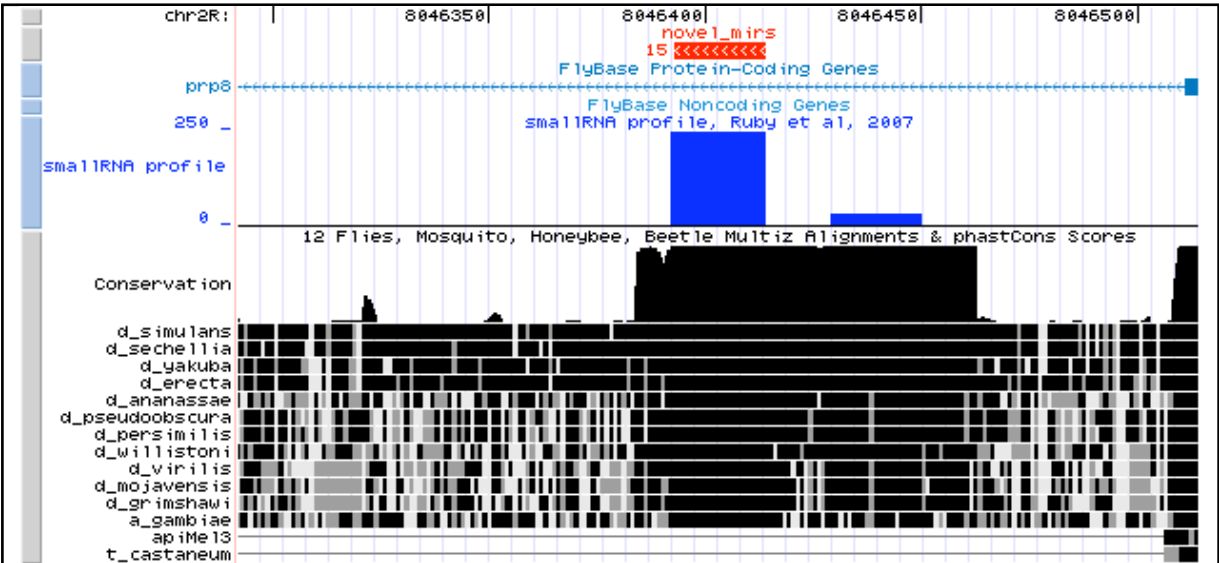
predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: UAAAGUAAAUAGUCUGGAUUGAUG



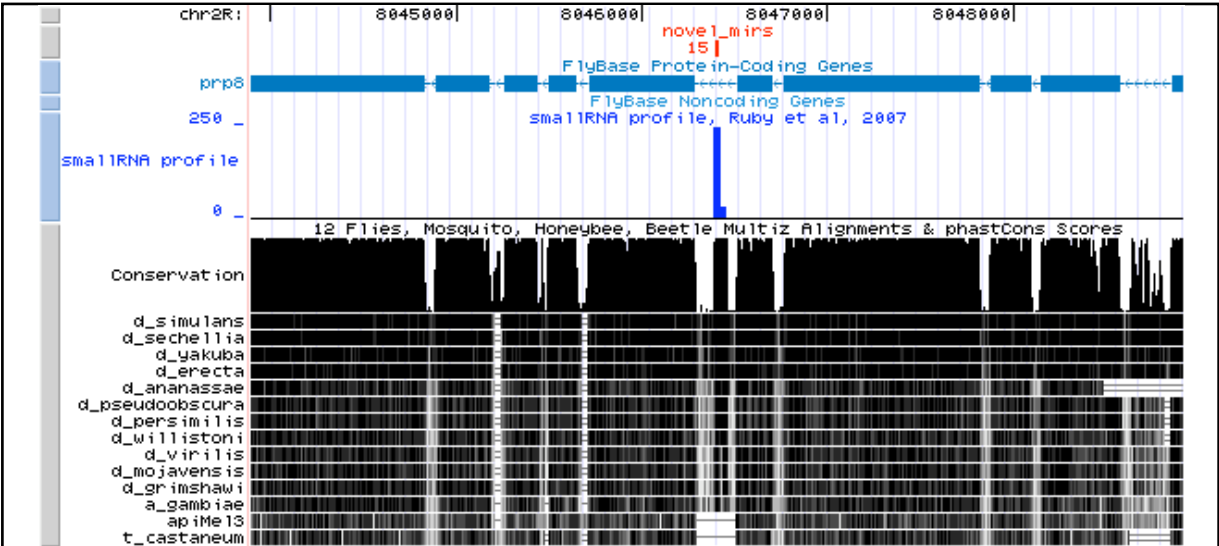
miRNA 15 chr2R : 8046393 - 8046414 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: CCCCUGUUGCAAACCUCACGC

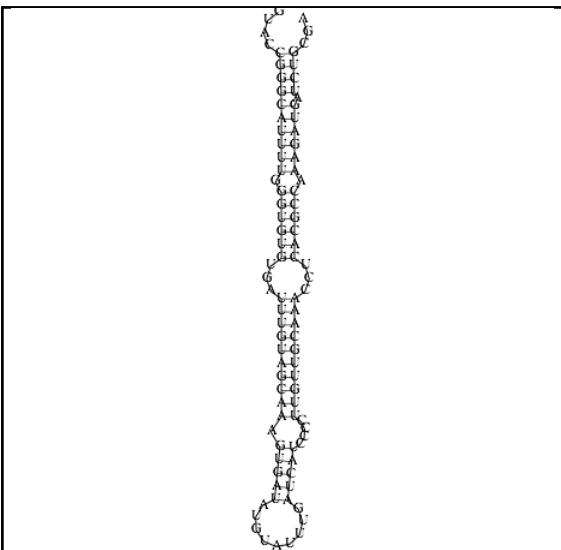
conservation profile



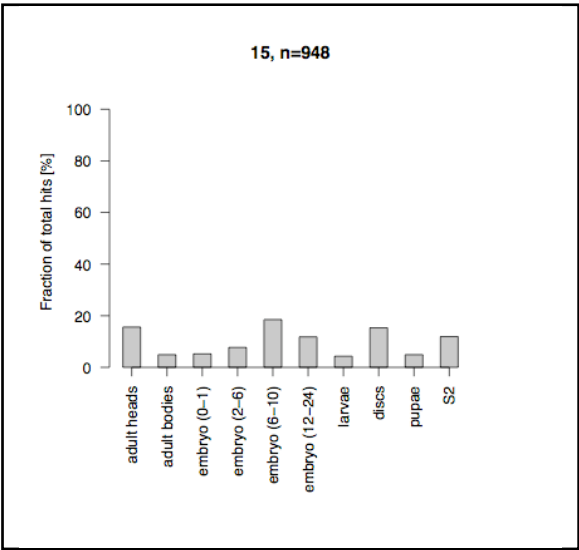
genomic context



rnafold / alifold prediction



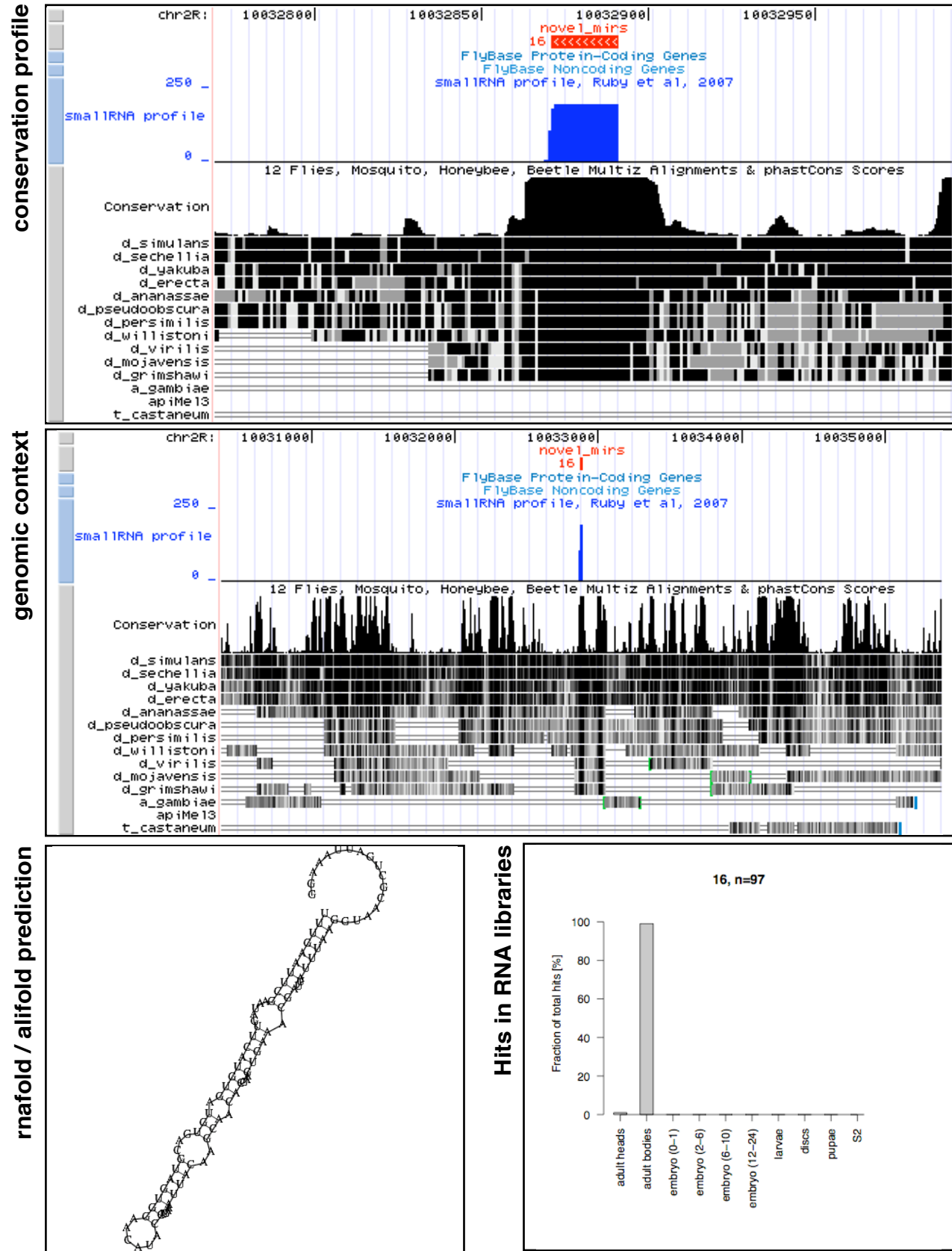
Hits in RNA libraries



miRNA 16 chr2R: 10032871 - 10032891 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data

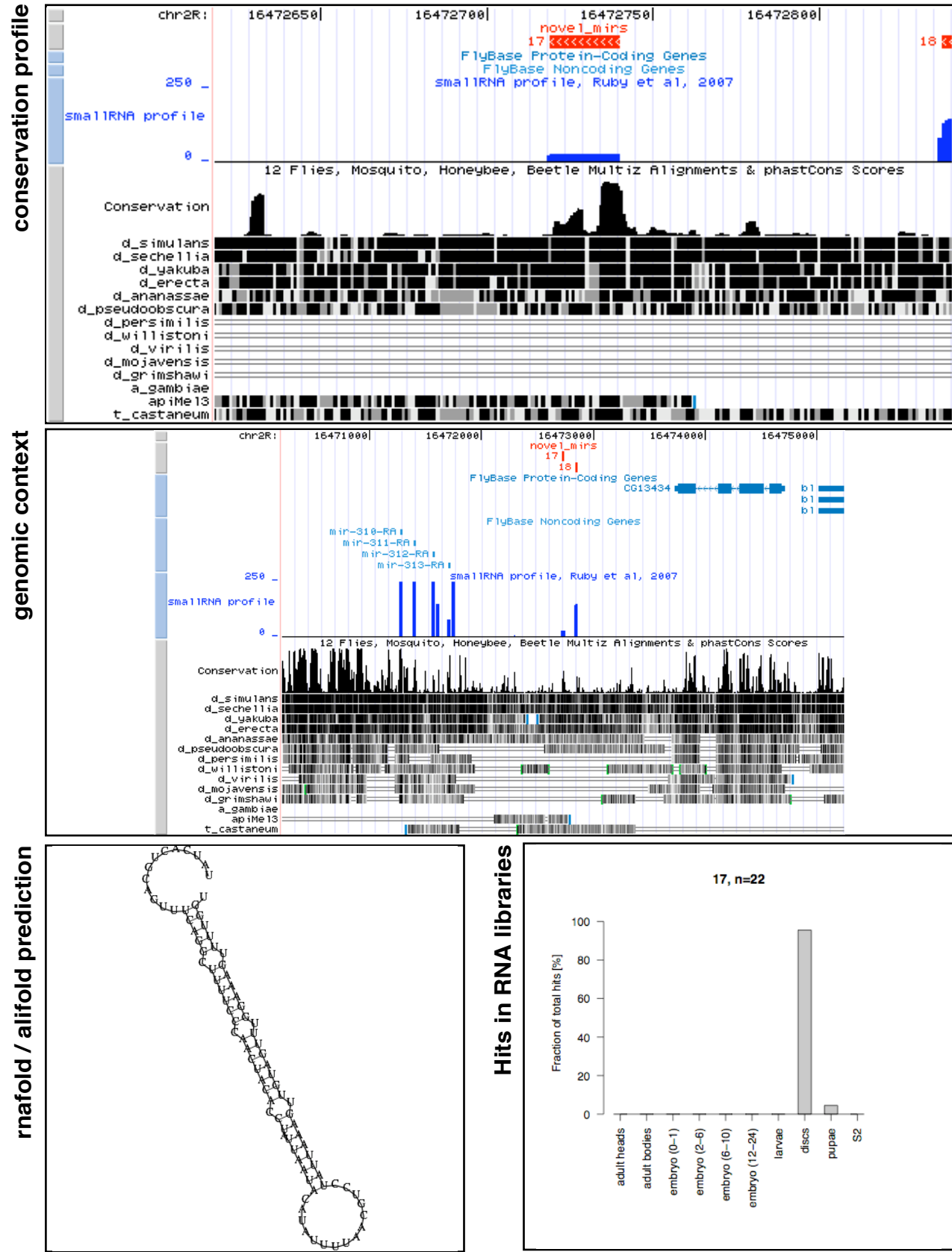
Mature sequence: **UGUGAUGUGACGUAGUGGAAC**



miRNA 17 chr2R: 16472719 - 16472740 Transcribed strand: -

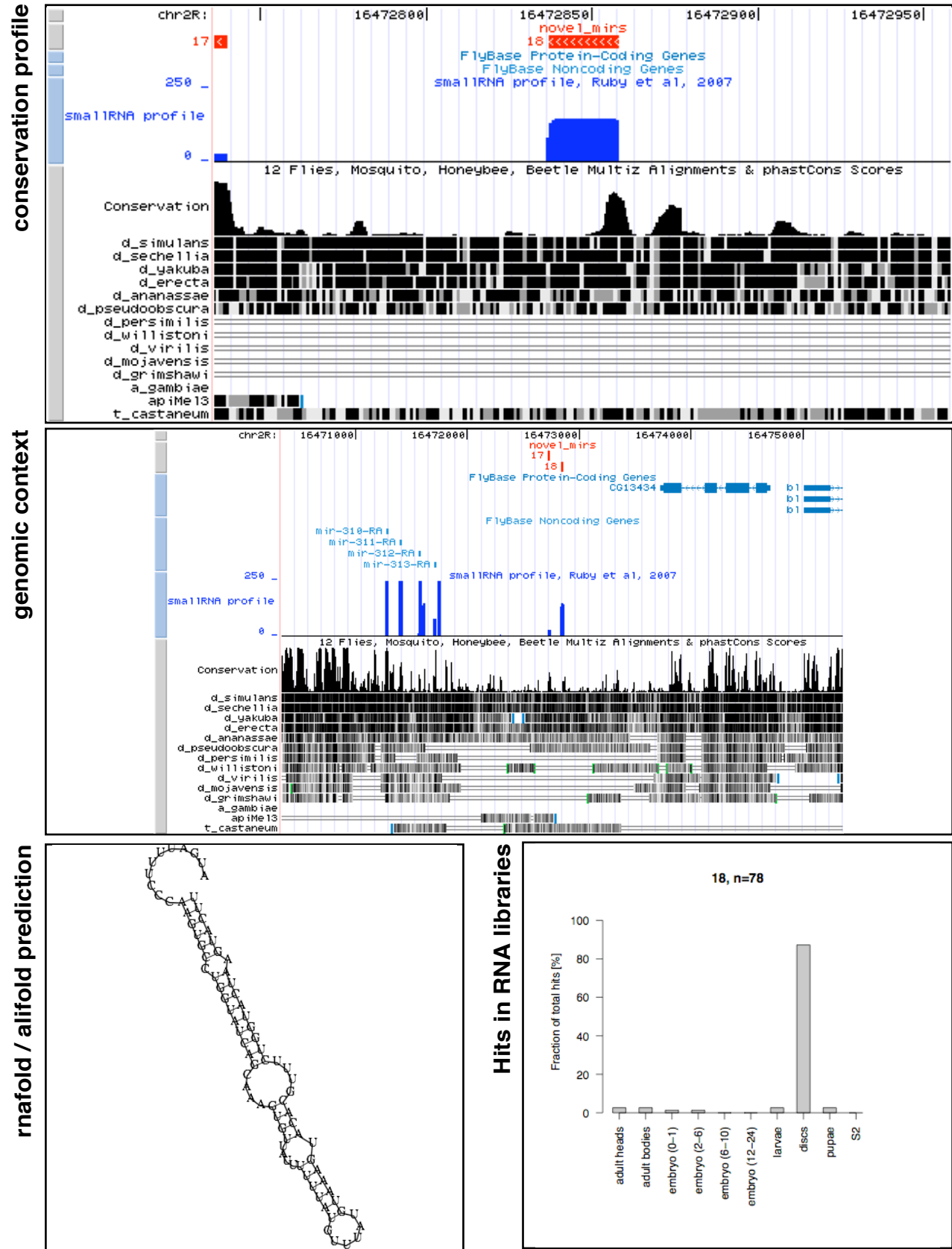
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: **UUAAAGUUGUAGUUUGGAAAGU**



miRNA 18 chr2R: 16472837 - 16472858 Transcribed strand: -

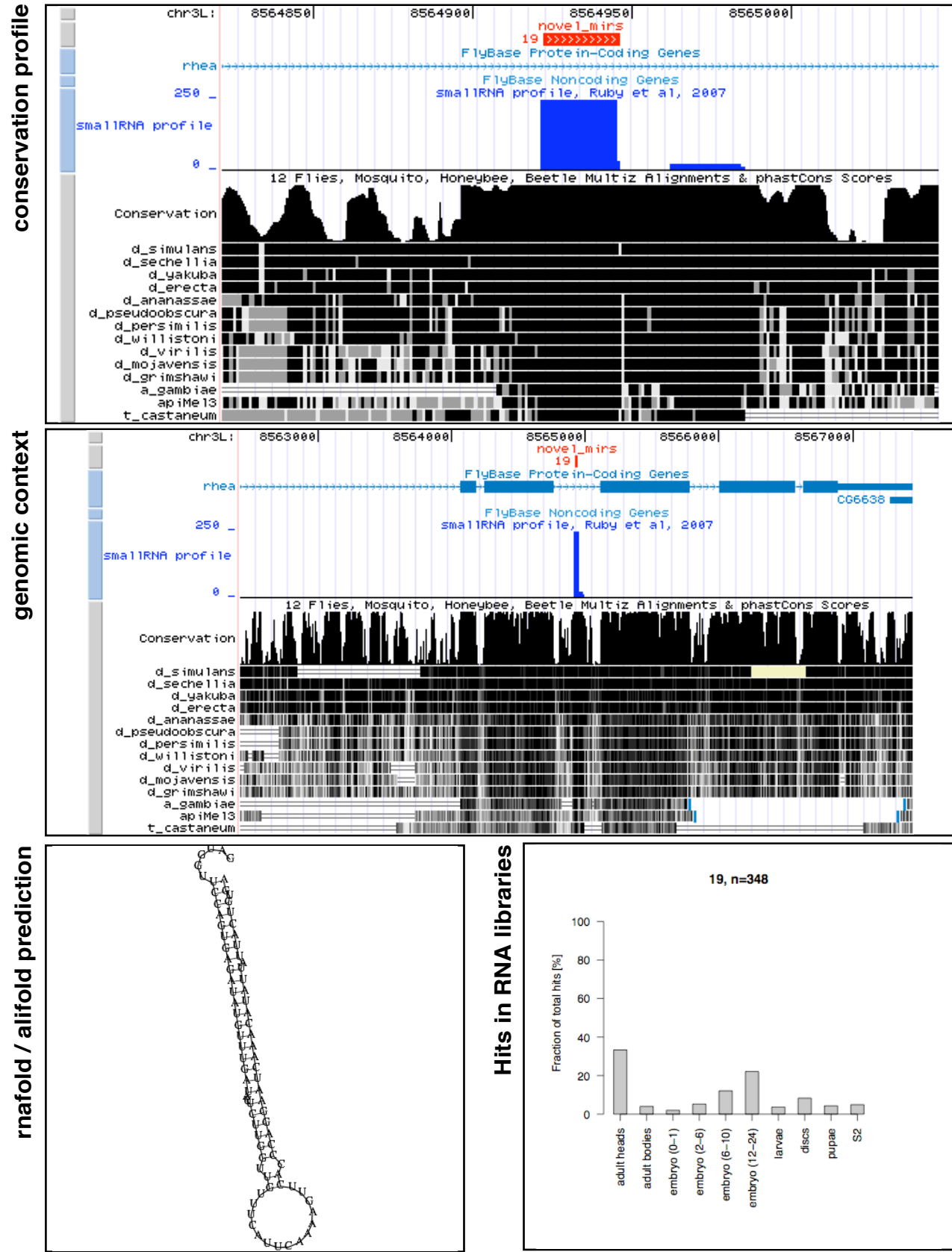
predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: AGUACACGUUUCUGGUACUAAG



miRNA 19 chr3L : 8564922 - 8564946 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data

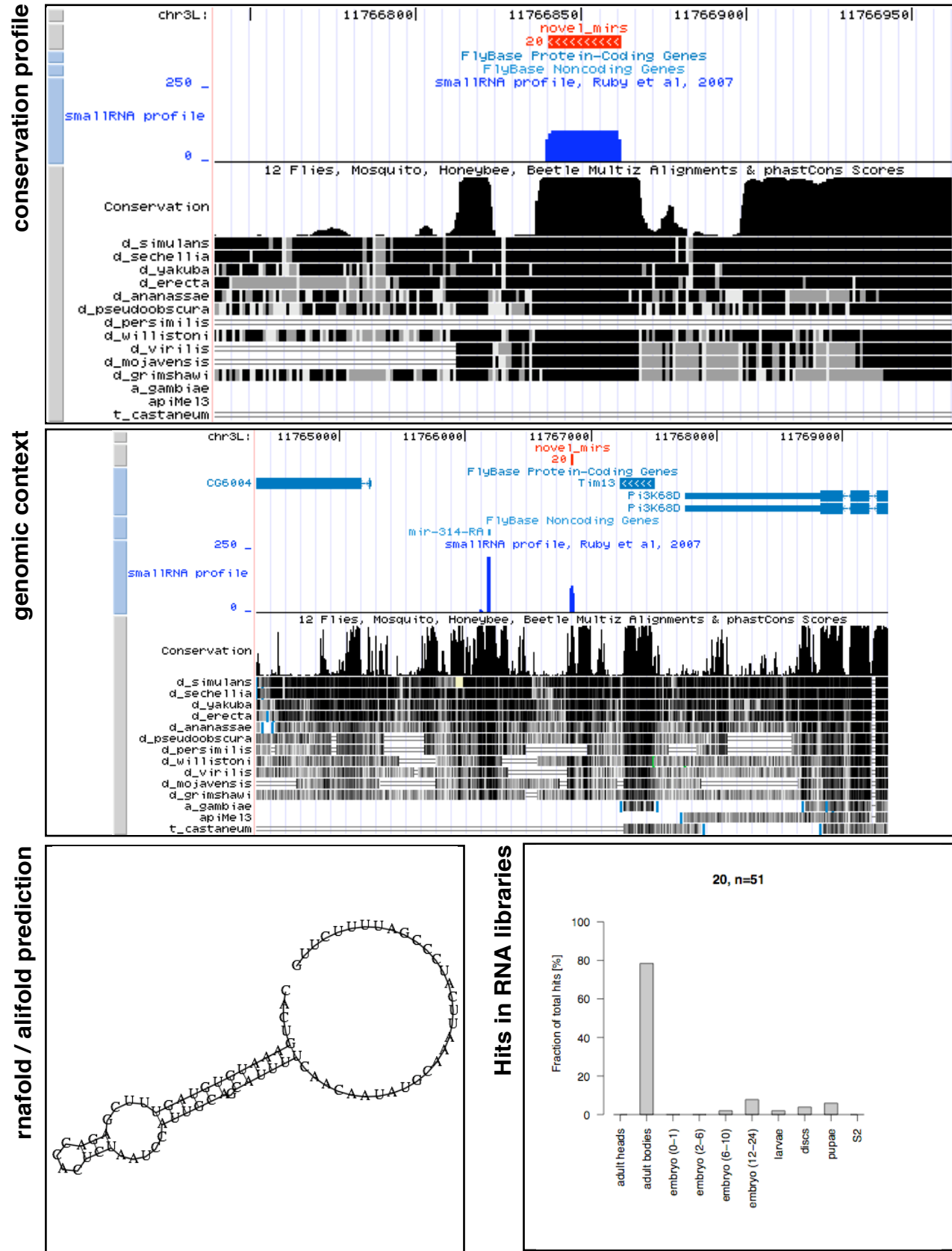
Mature sequence: **AGAU AUGUUUGAU AUUCUUGGUUG**



miRNA 20 chr3L: 11766840 - 11766862 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data

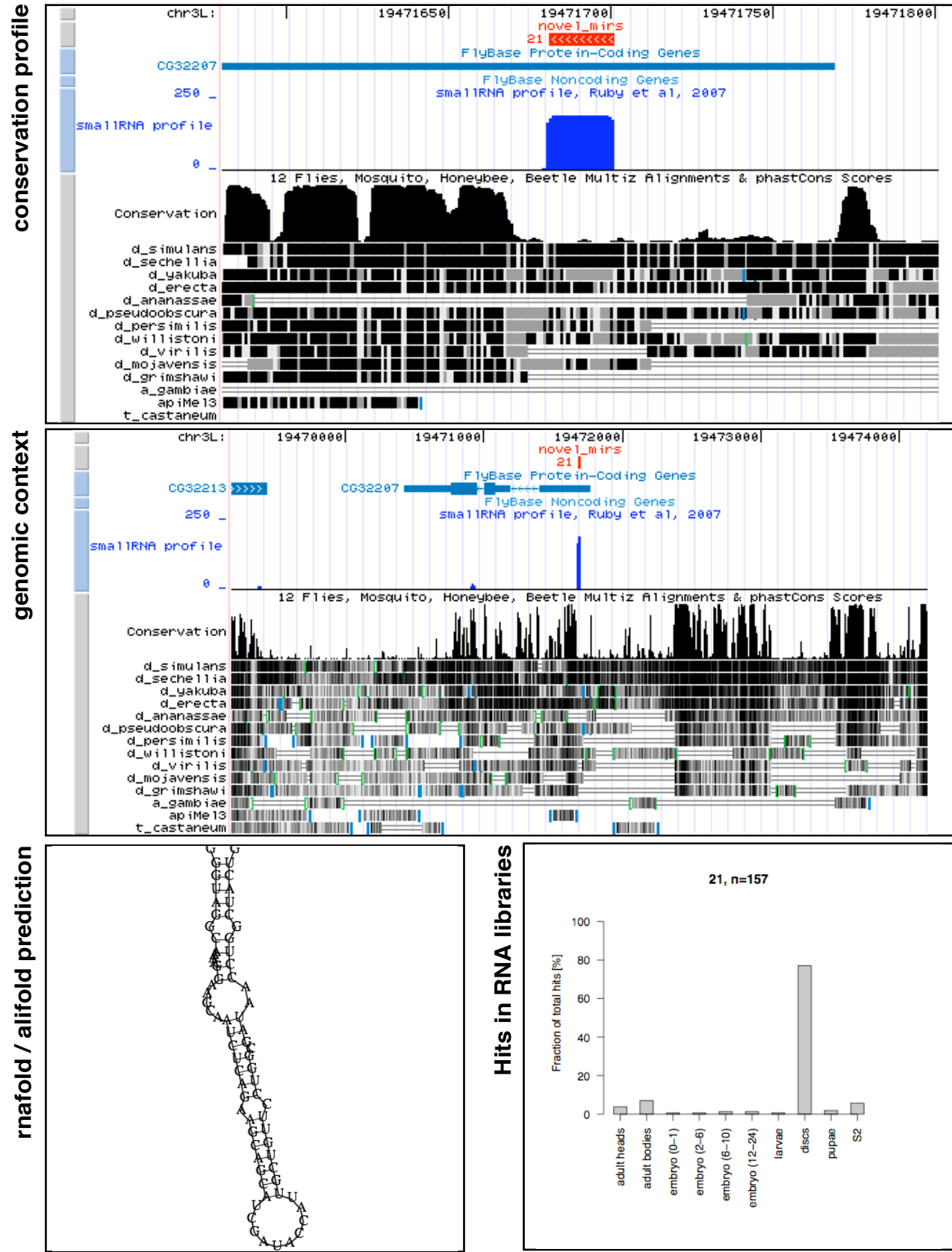
Mature sequence: **UUUCGAGACCACUCUAAUCCAUU**



miRNA 21 chr3L : 19471681 - 19471701 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: **GAGUUGGCCAAACGCGAAGGG**

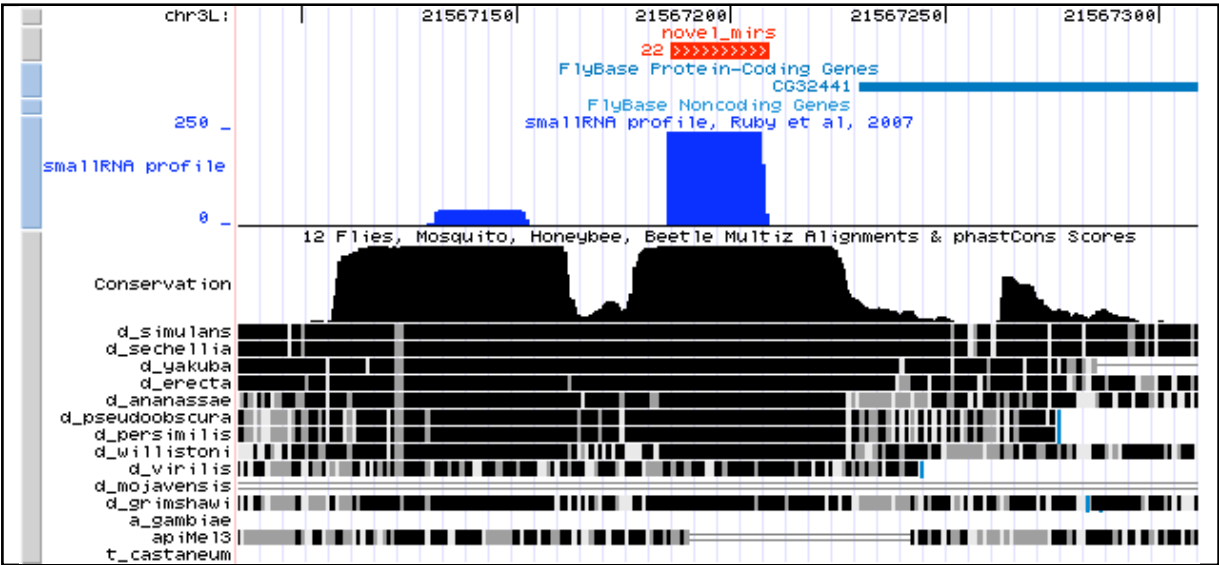


miRNA 22 chr3L : 21567186 - 21567209 Transcribed strand: +

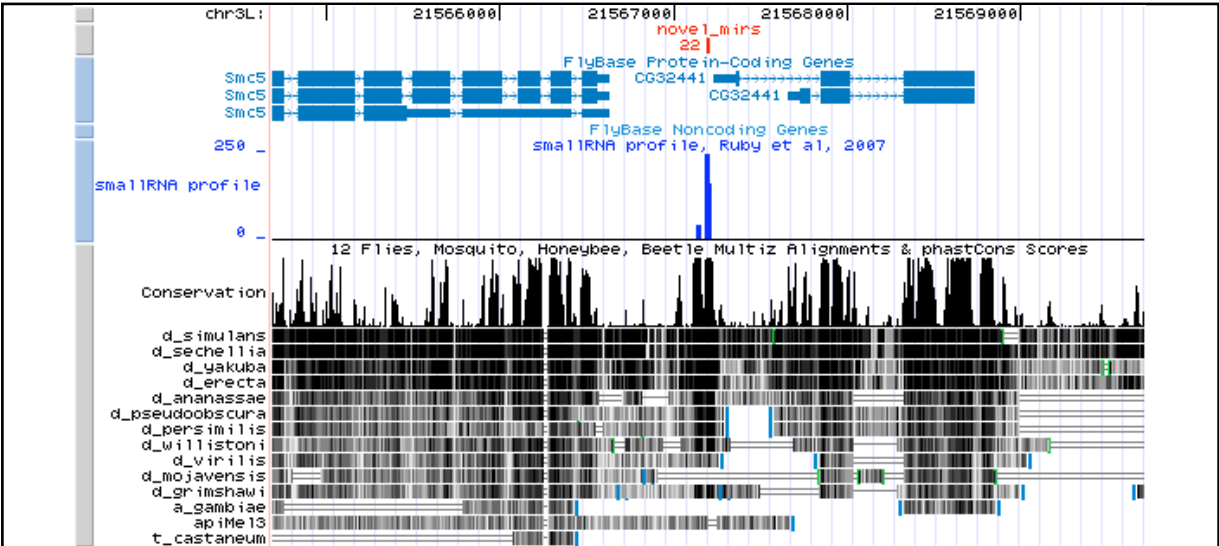
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: **UACUGGCCUACUAAGUCCCAAC**

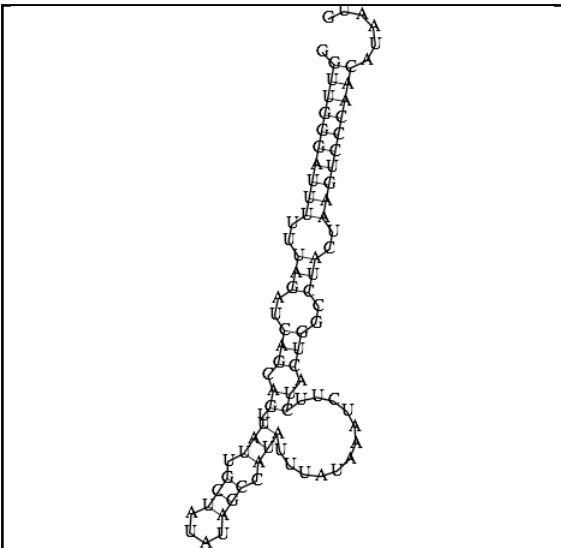
conservation profile



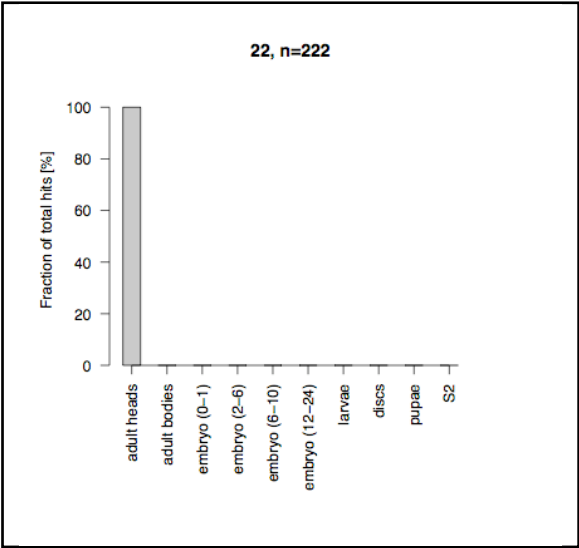
genomic context



rnafold / alifold prediction



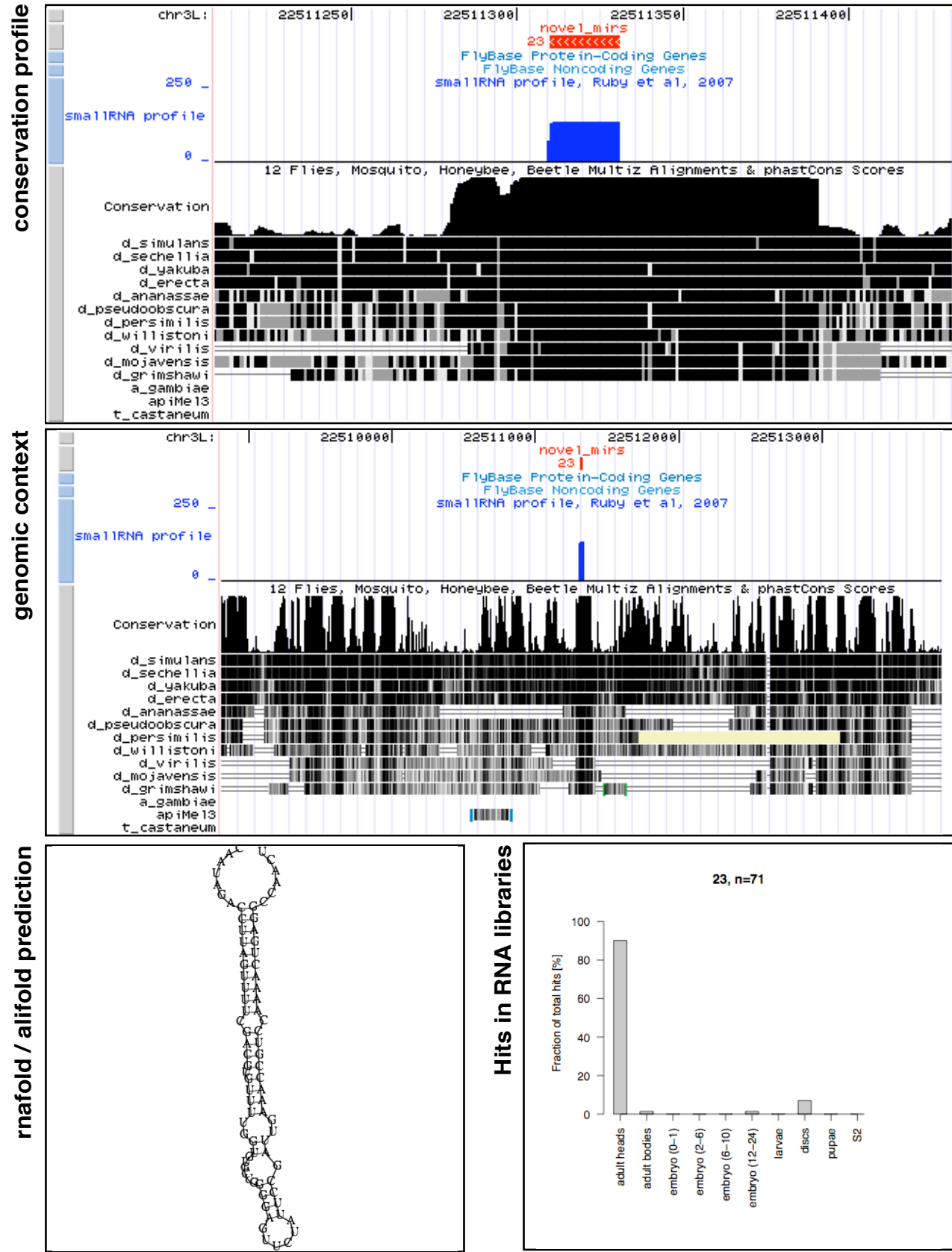
Hits in RNA libraries



miRNA 23 chr3L : 22511310 - 22511331 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data

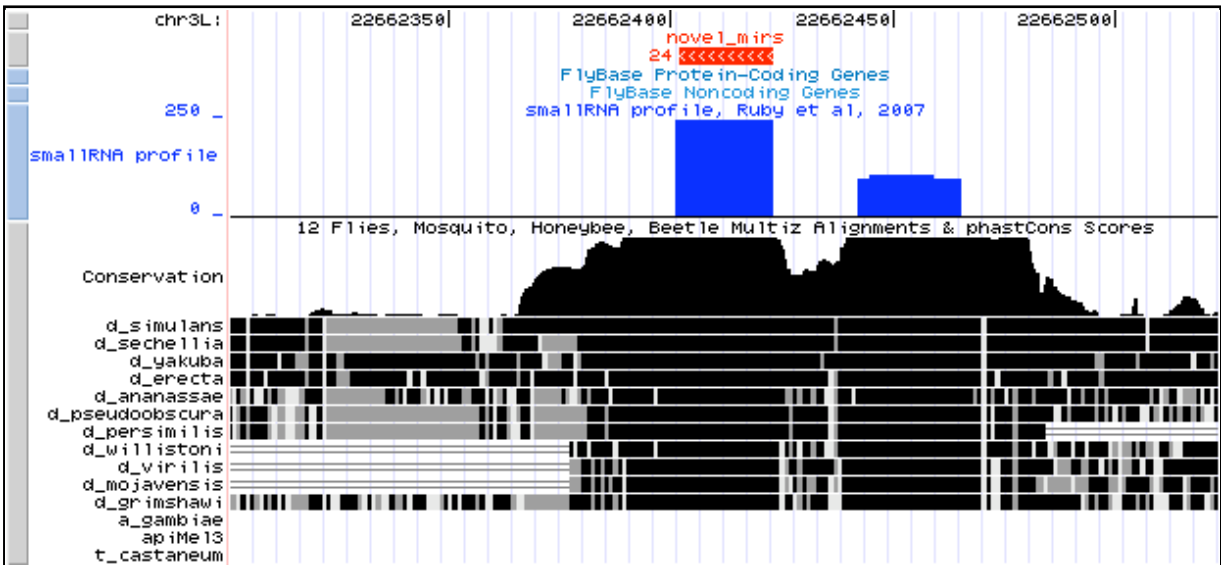
Mature sequence: **UGAAACCGUCCAAAACUGAGGC**



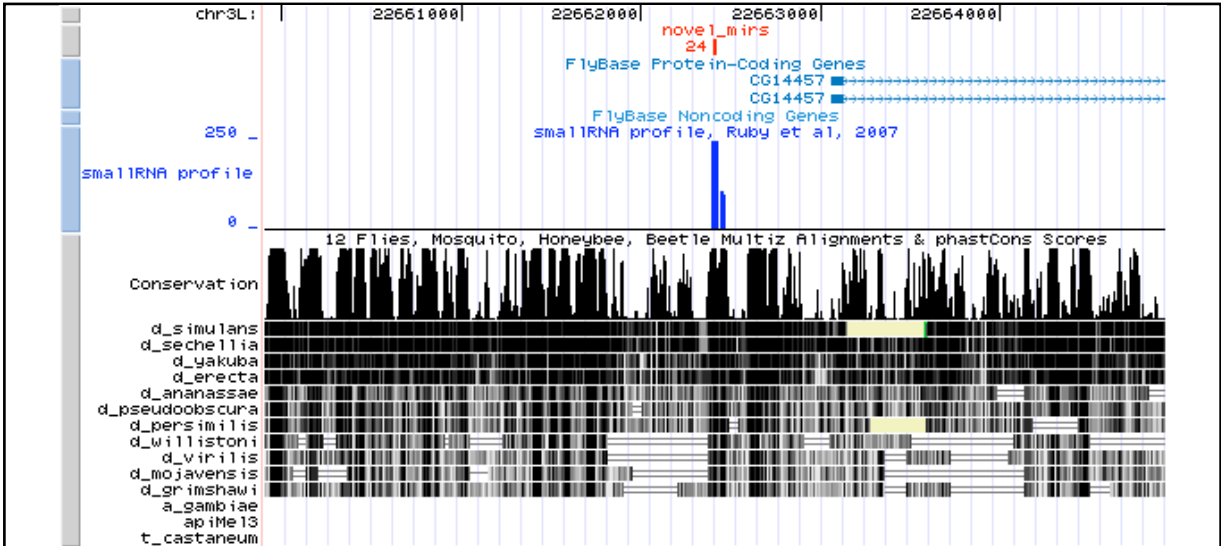
miRNA 24 chr3L : 22662402 - 22662423 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: **UGAGAUUCUUCUAUUCUACUUU**

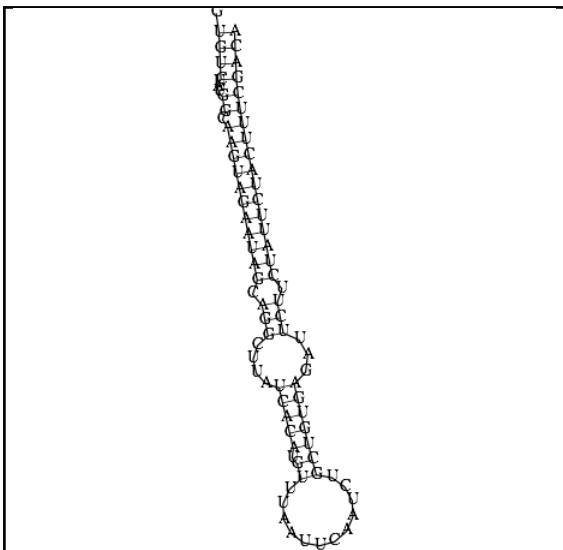
conservation profile



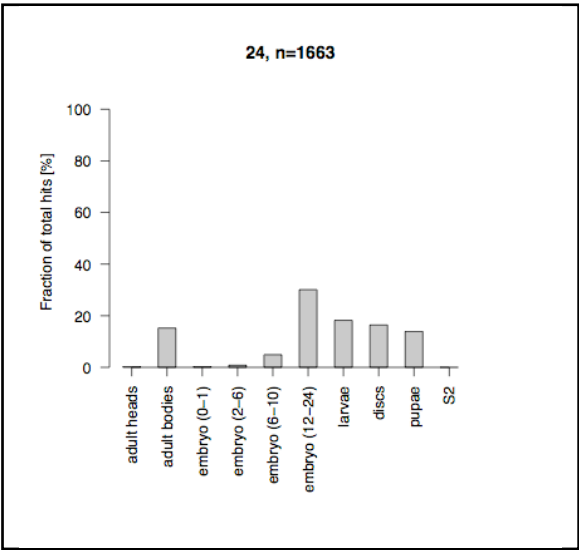
genomic context



rnafold / alifold prediction



Hits in RNA libraries

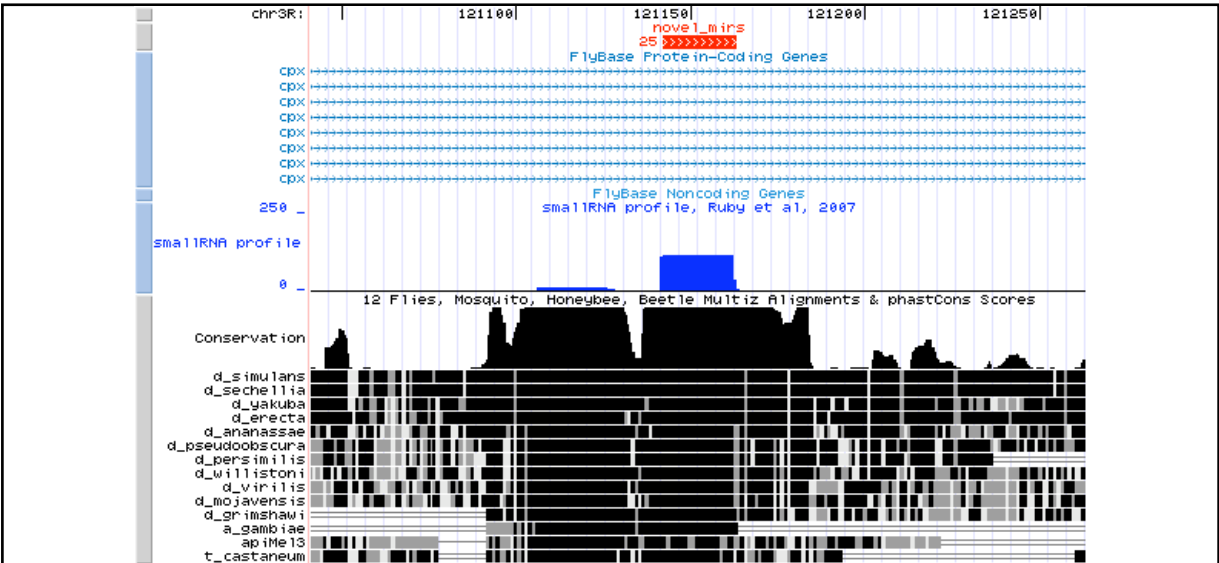


miRNA 25 chr3R: 121142 - 121163 Transcribed strand: +

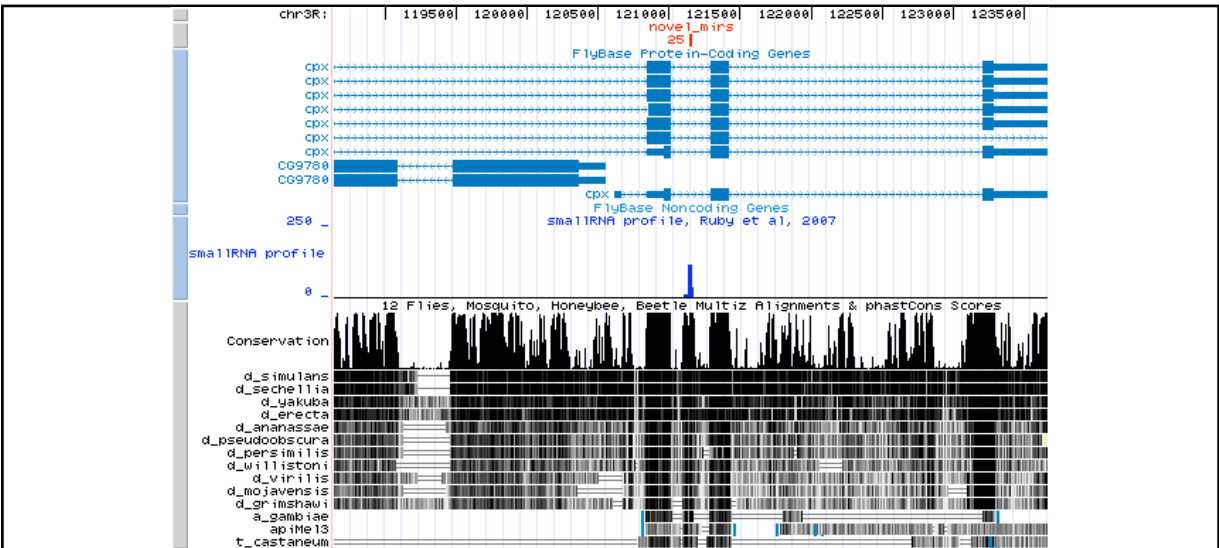
predicted as: locus47
Validated: detected in small RNA sequencing data

Mature sequence: CUCCCUAACGGAGUCAGAUUG

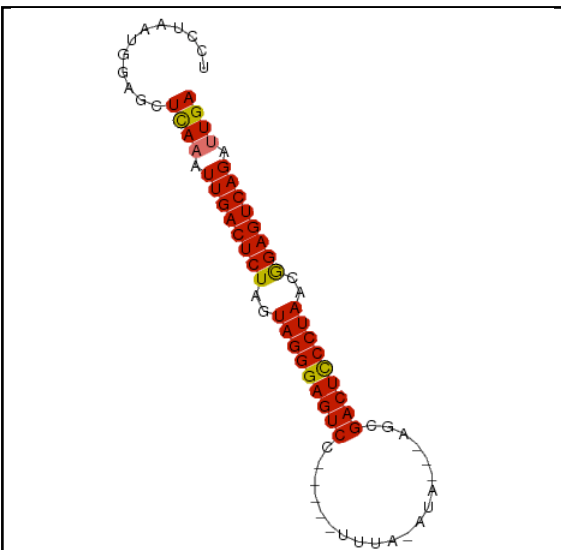
conservation profile



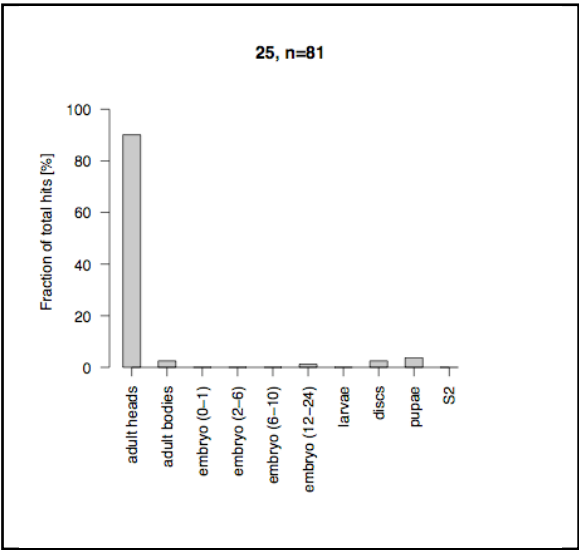
genomic context



rnafold / alifold prediction



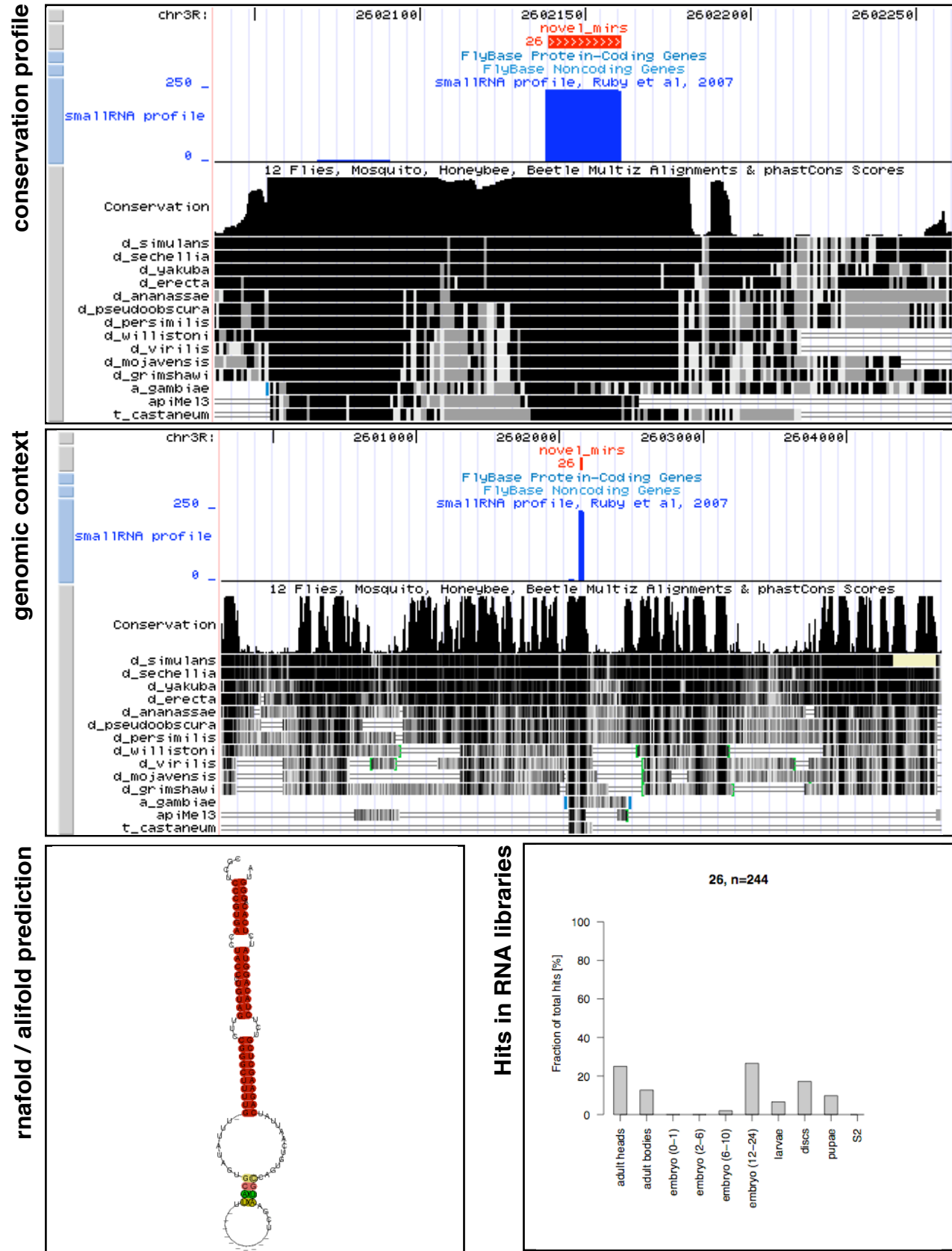
Hits in RNA libraries



miRNA 26 chr3R : 2602139 - 2602161 Transcribed strand: +

predicted as: locus48
Validated: detected in small RNA sequencing data

Mature sequence: GAAGCUCGUCUCUACAGGUAUCU



miRNA 27

chr3R : 6233870 - 6233892

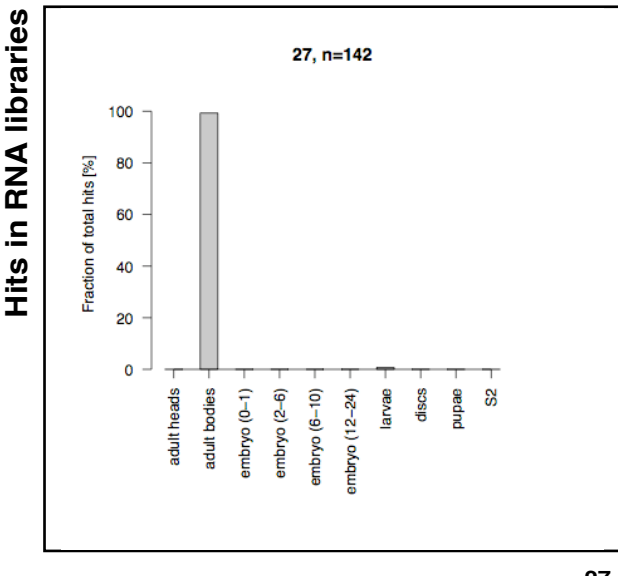
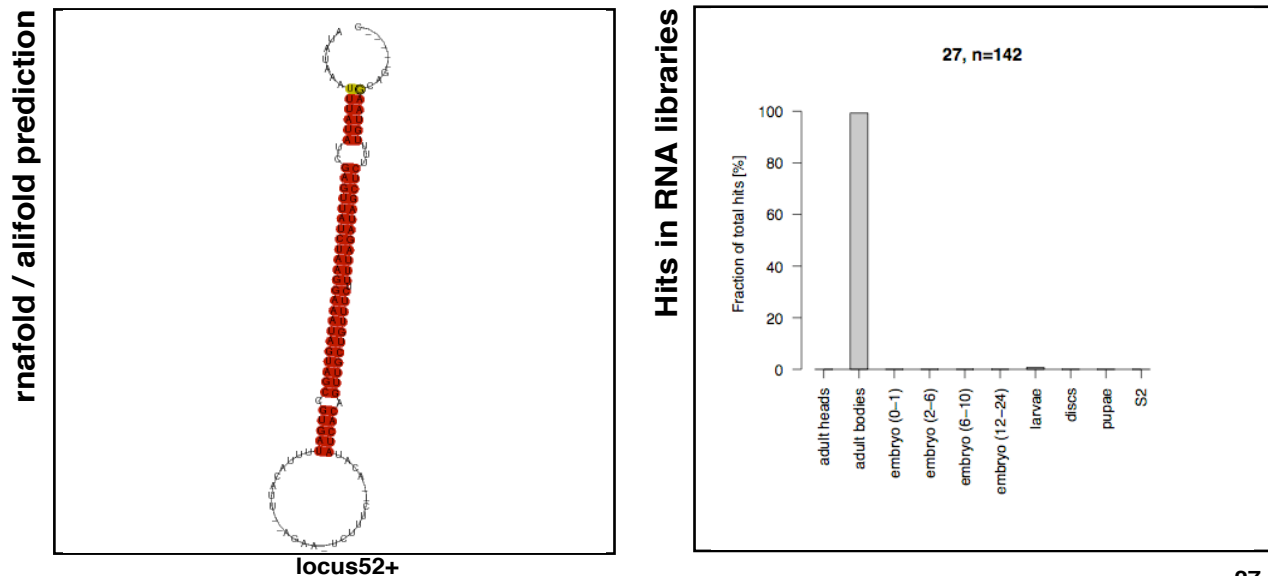
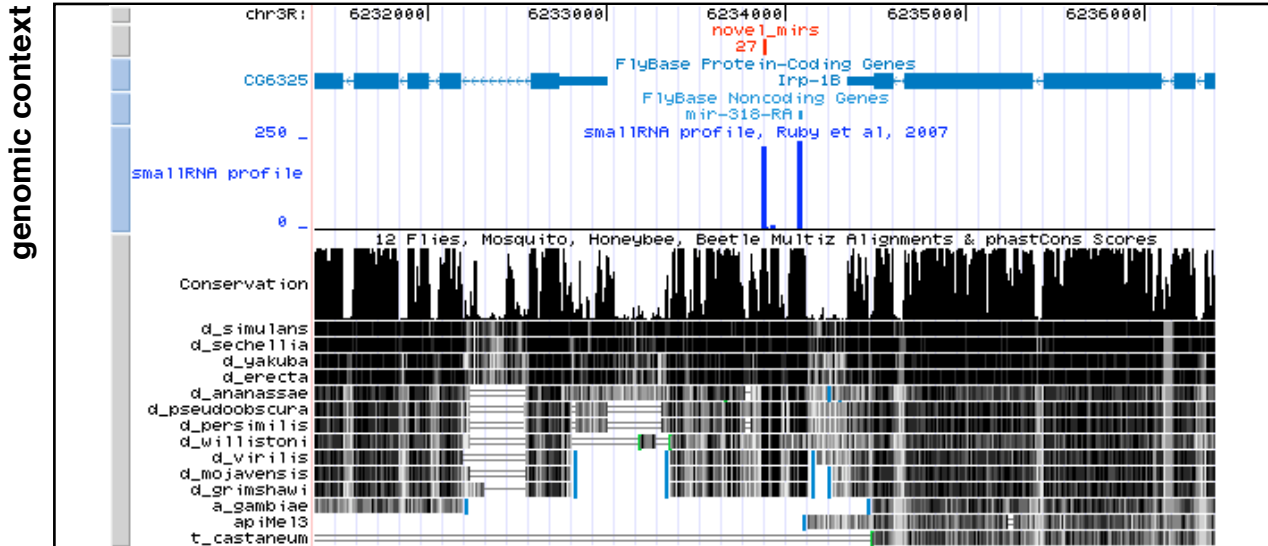
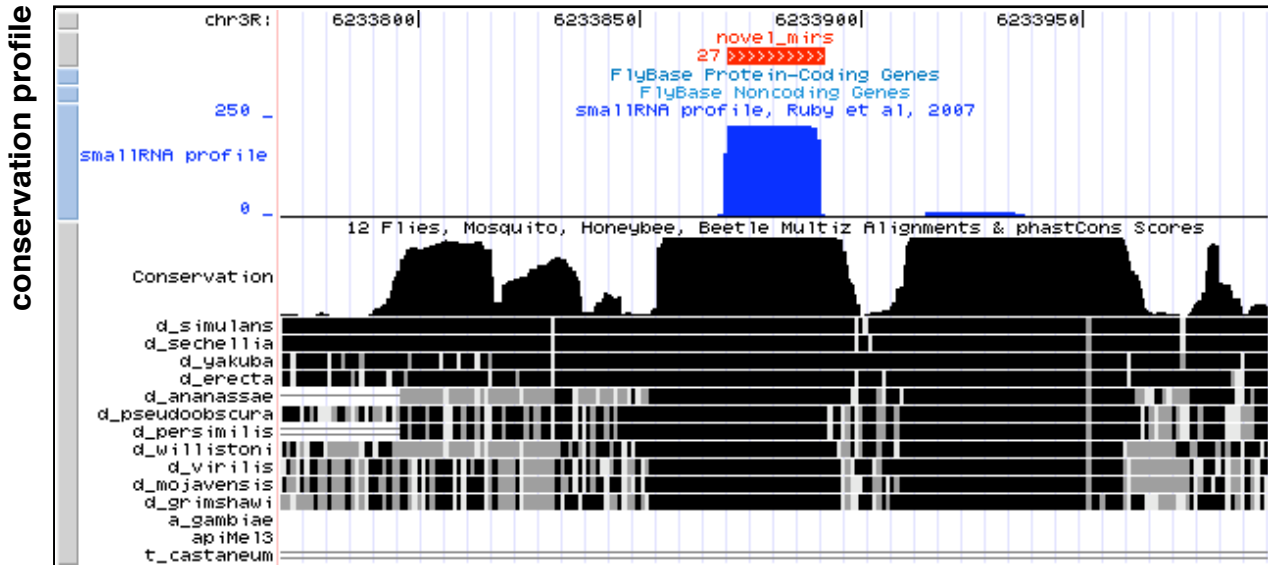
Transcribed strand: +

cluster2 with dme-miR-318

predicted as: locus43

Validated: detected in small RNA sequencing data, validated by Northern blot

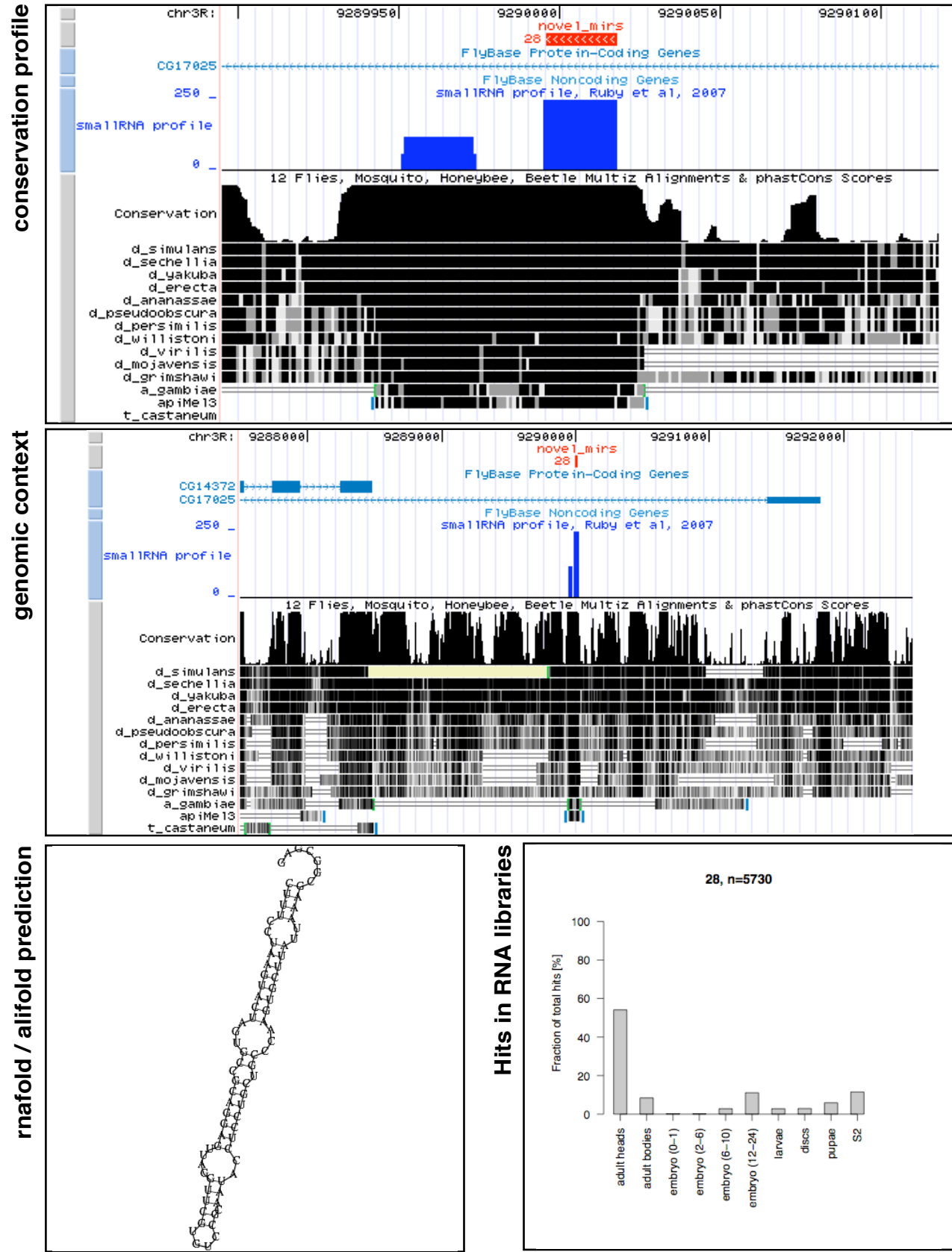
Mature sequence: CUAAGGAAUAGUAGCCGUGAU



miRNA 28 chr3R : 9289996 - 9290018 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data

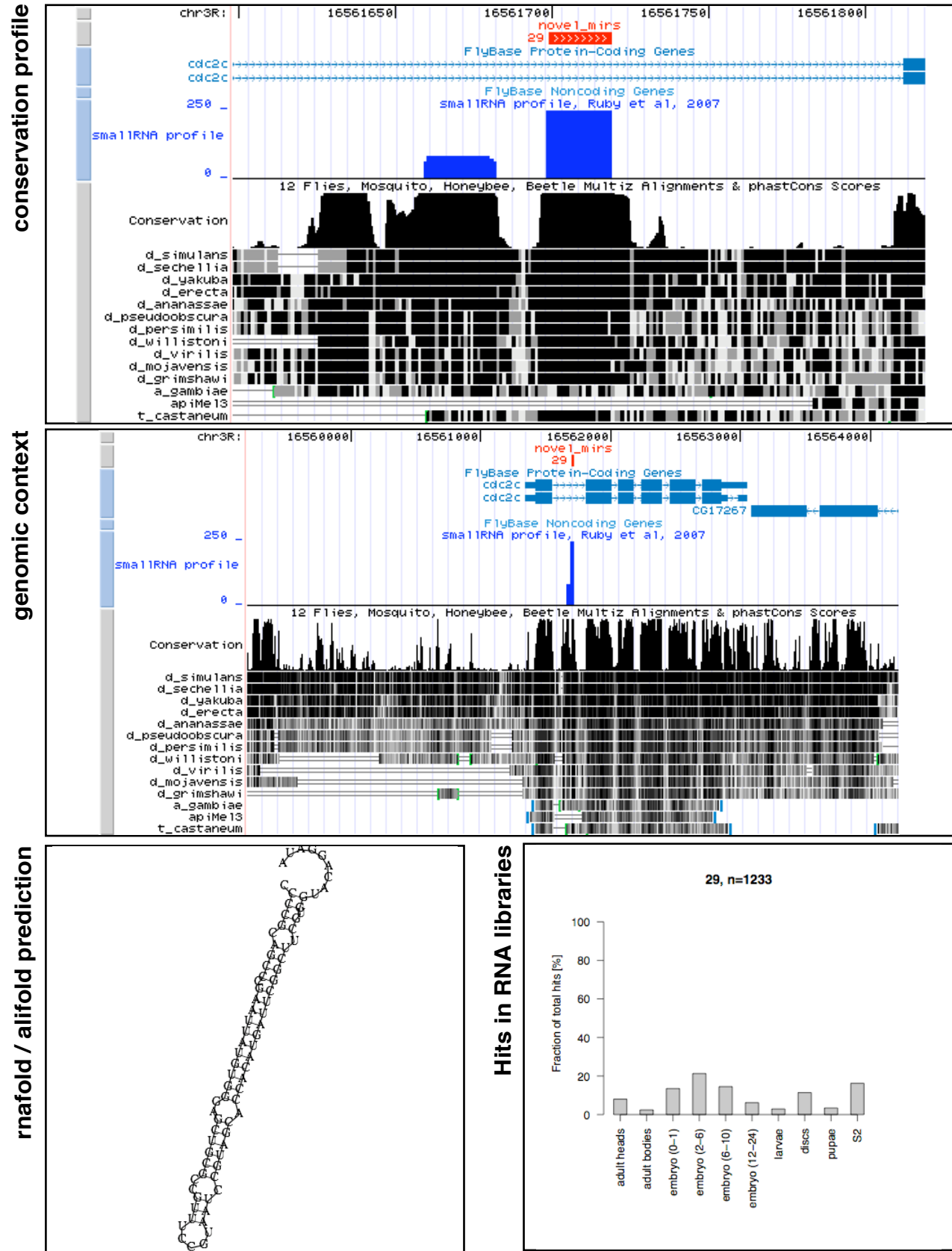
Mature sequence: **CUAAGUACUAGUGCCGCAGGAG**



miRNA 29 chr3R: 16561699 - 16561719 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data

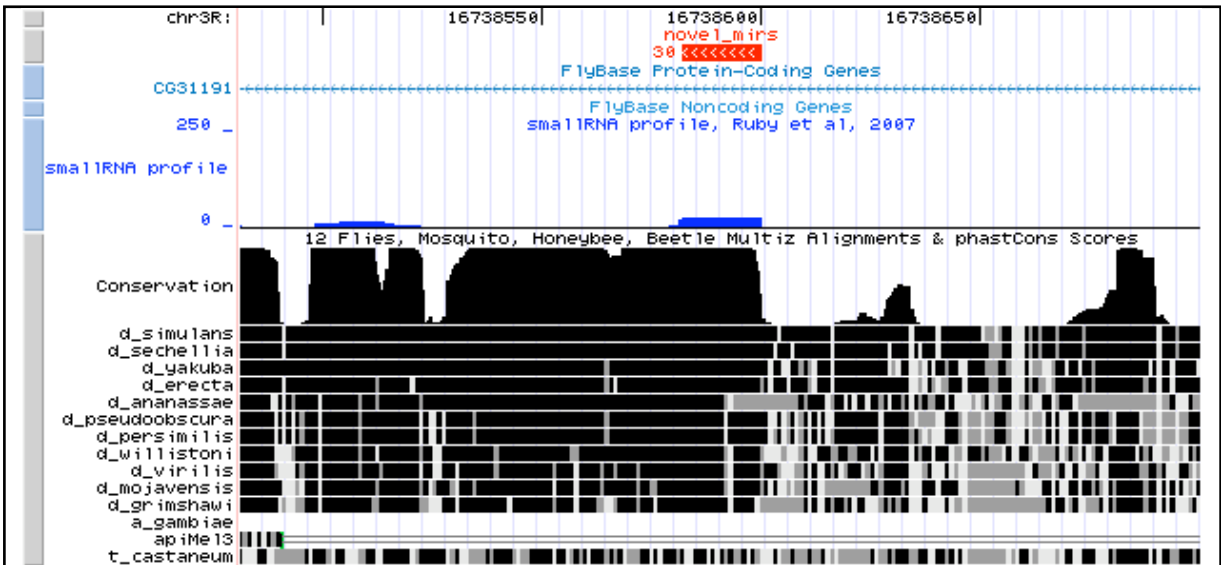
Mature sequence: UAGCACCACAUGAUUCGGCUU



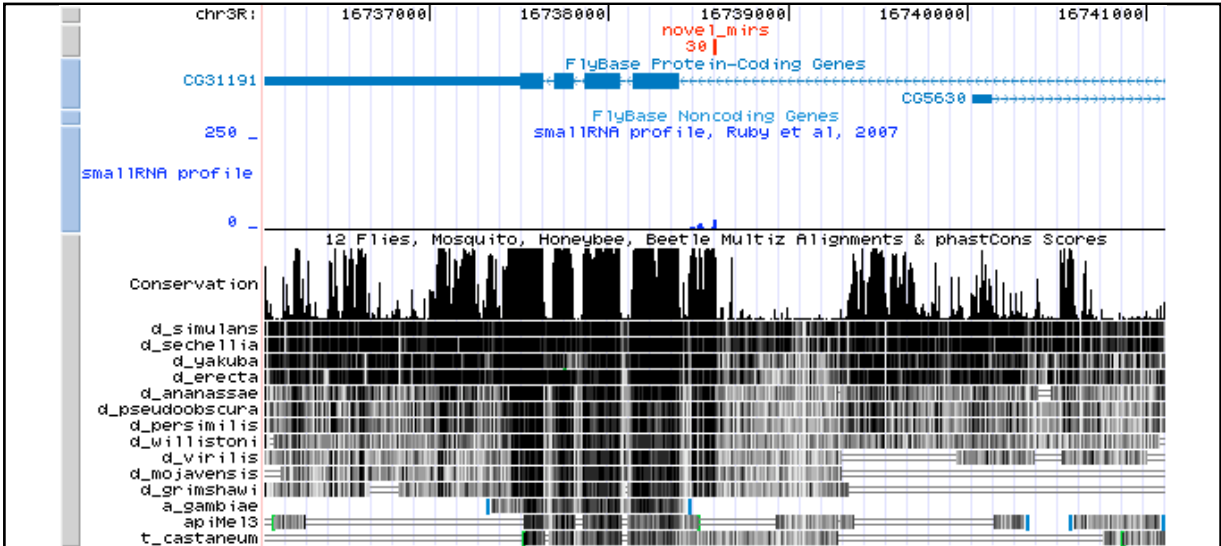
miRNA 30 chr3R: 16738582 - 16738600 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: **AUGCGAUUUCAUCAUGGCA**

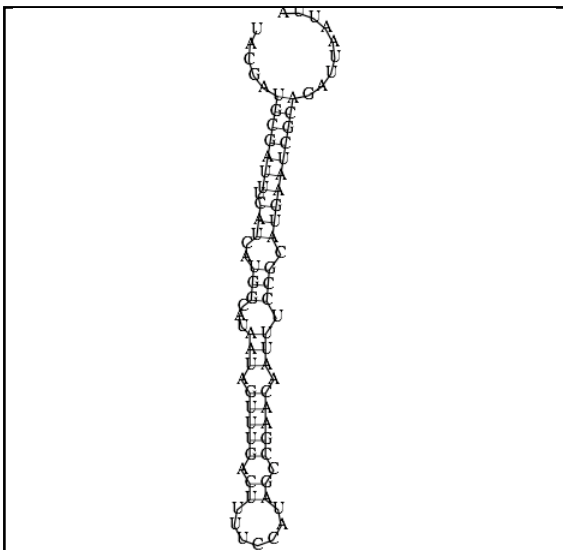
conservation profile



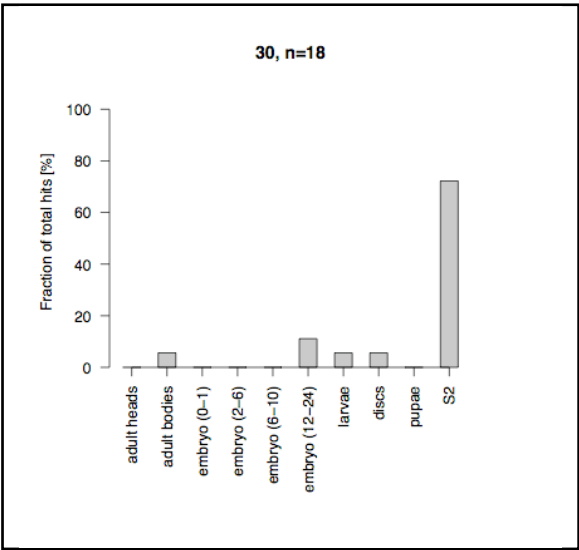
genomic context



rnafold / alifold prediction



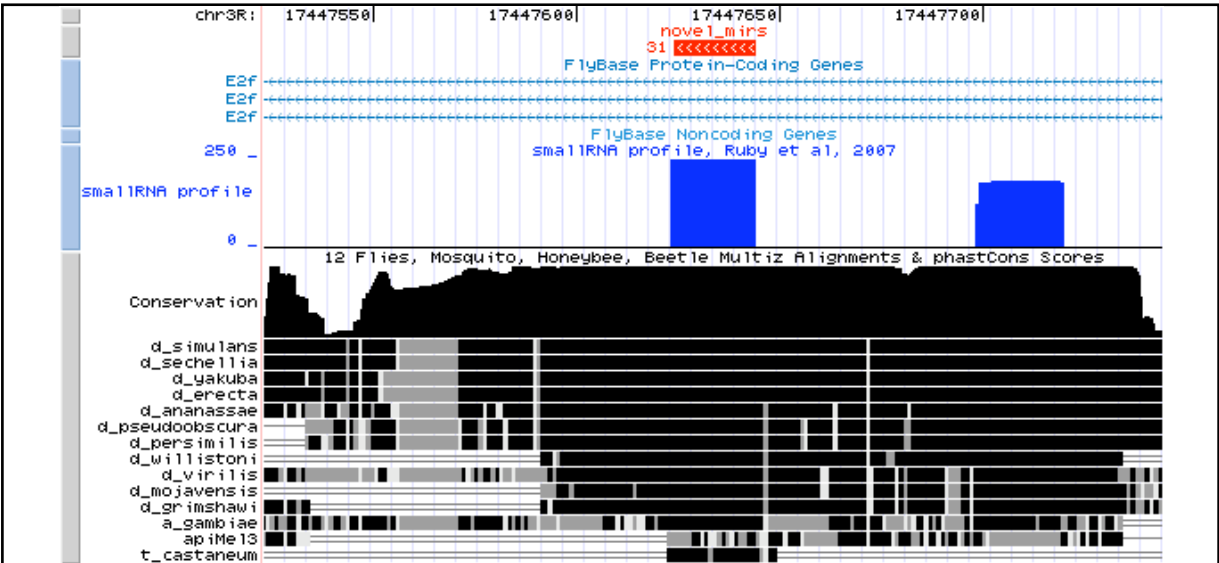
Hits in RNA libraries



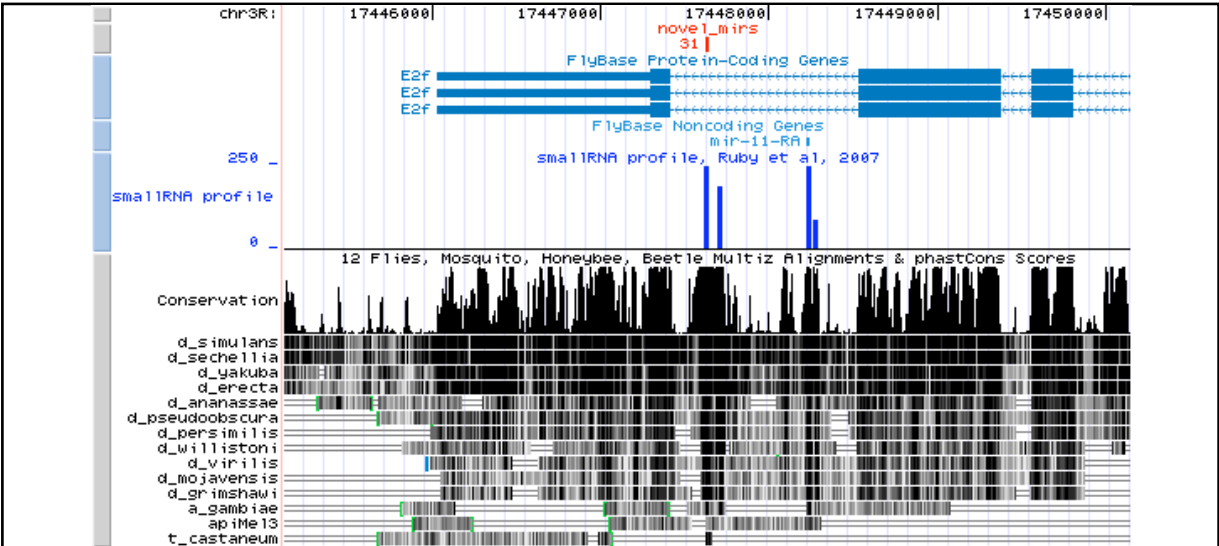
miRNA 31 chr3R: 17447624 - 17447644 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: **UAGCACCAUGAGAUUCAGCUC**

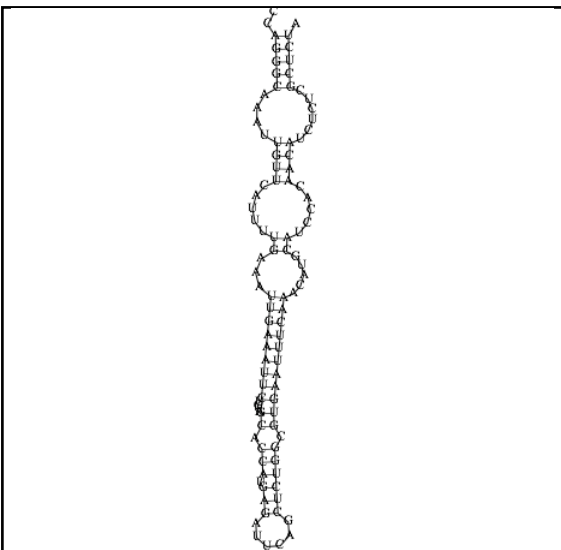
conservation profile



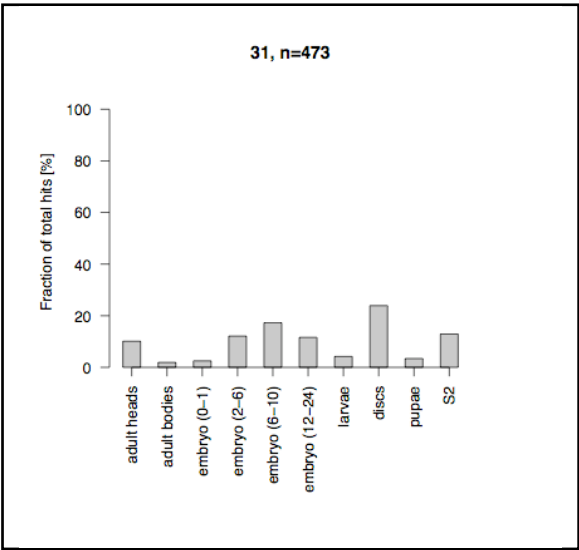
genomic context



rnafold / alifold prediction



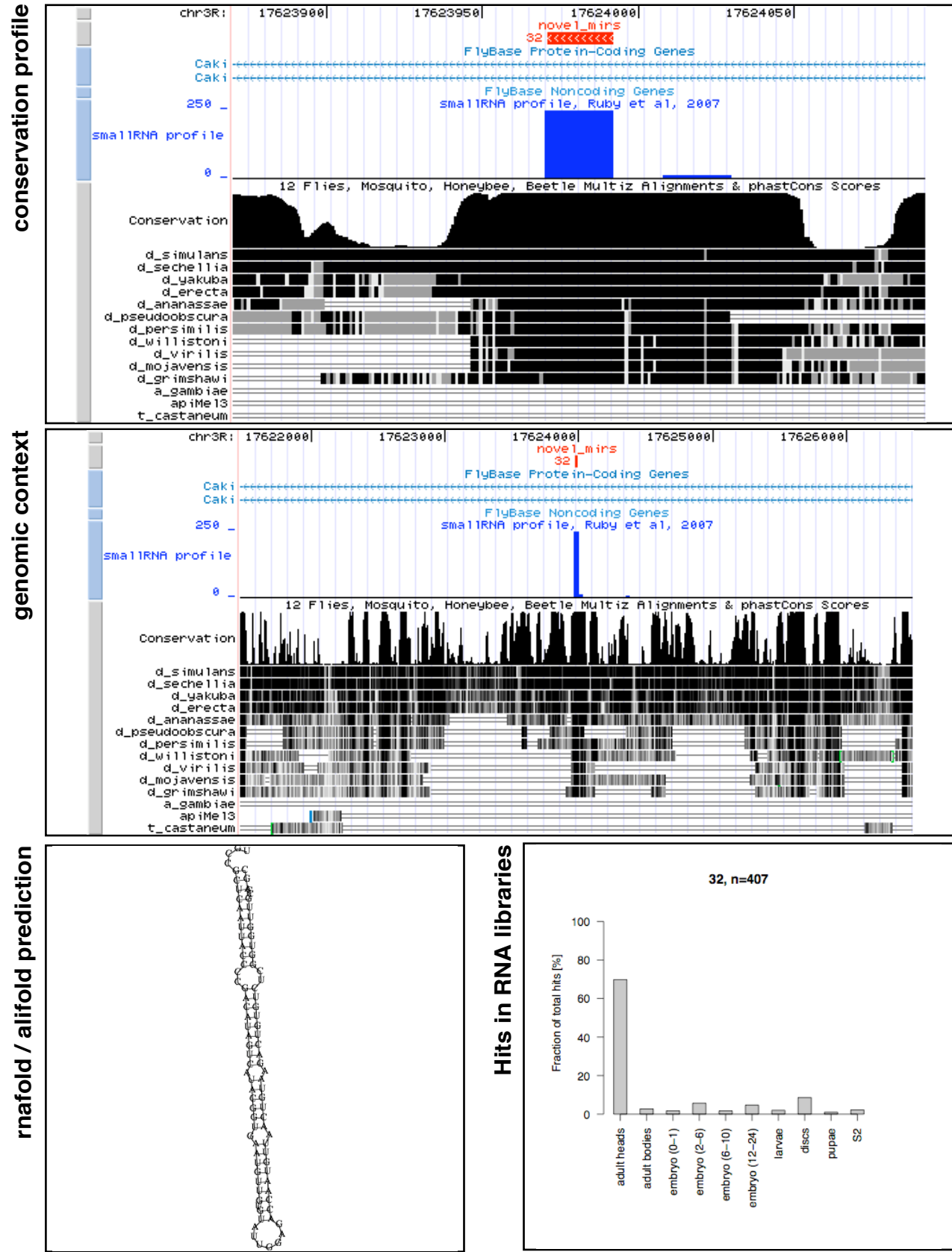
Hits in RNA libraries



miRNA 32 chr3R: 17623971 - 17623992 Transcribed strand: -

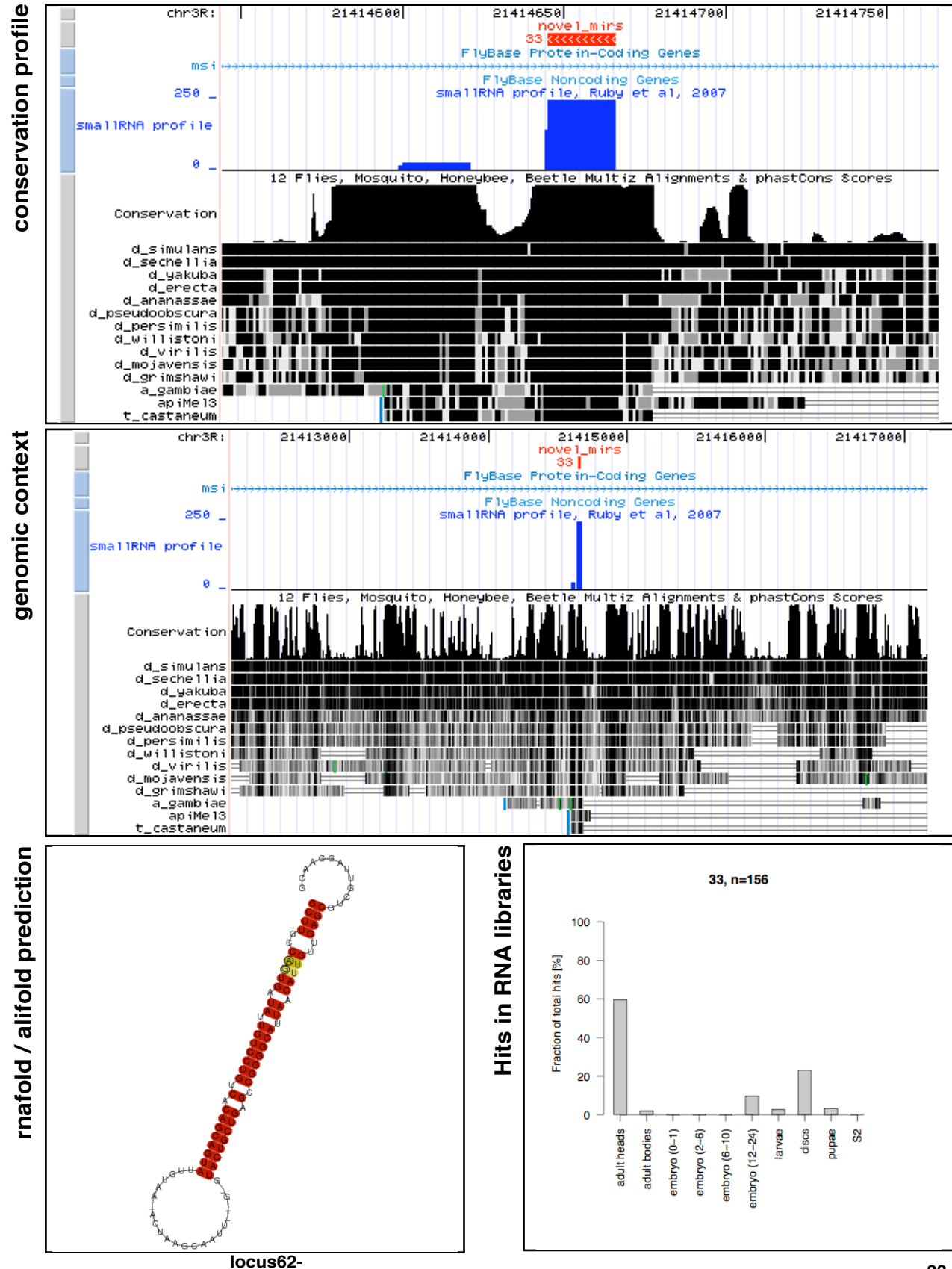
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: UGUUAACUGUAAGACUGUGUCU



miRNA 33 chr3R : 21414645 - 21414666 Transcribed strand: -

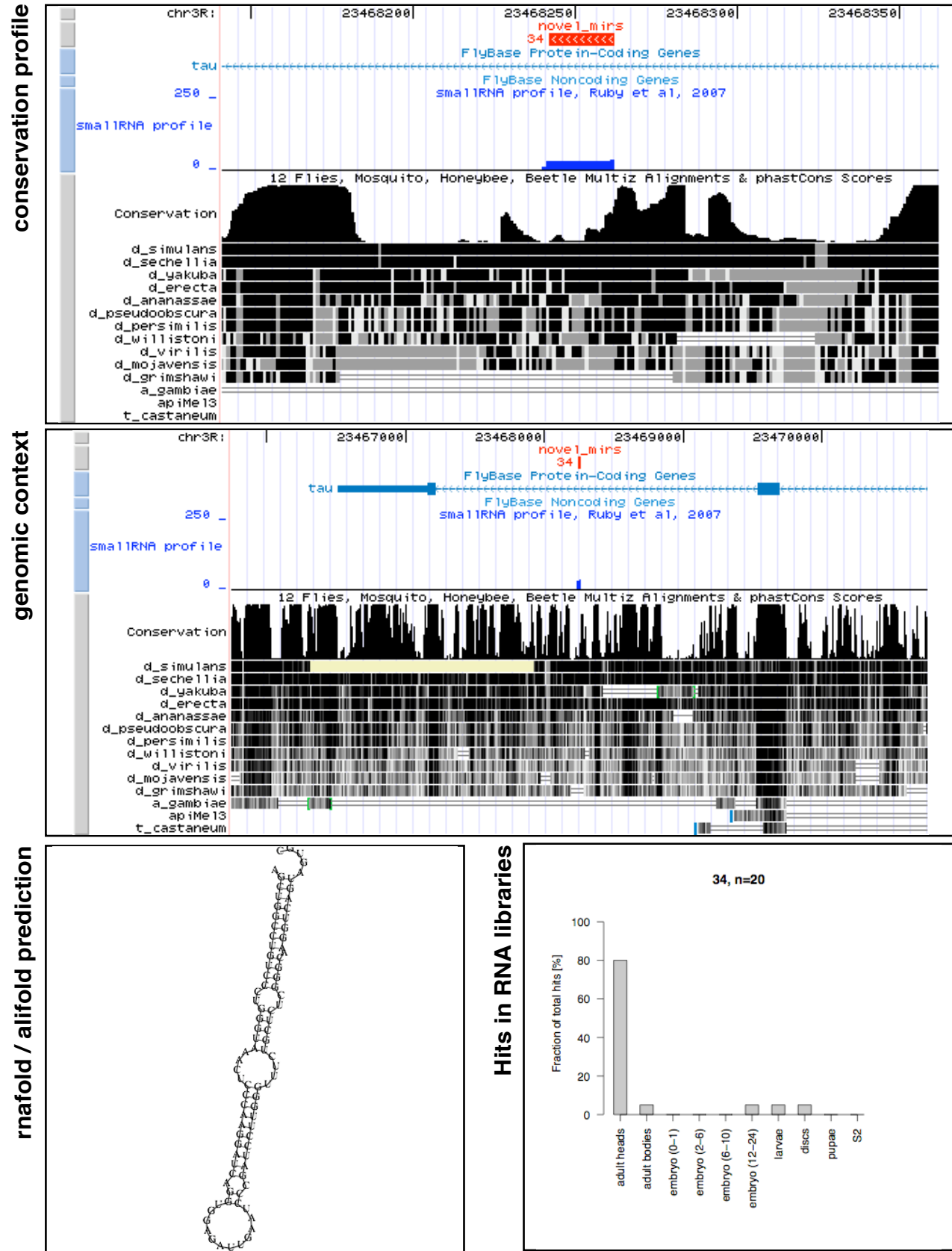
predicted as: locus13
Validated: detected in small RNA sequencing data, validated by Northern blot
Mature sequence: AUAUUGUCCUGUCACAGCAGU



miRNA 34 chr3R : 23468242 - 23468262 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data

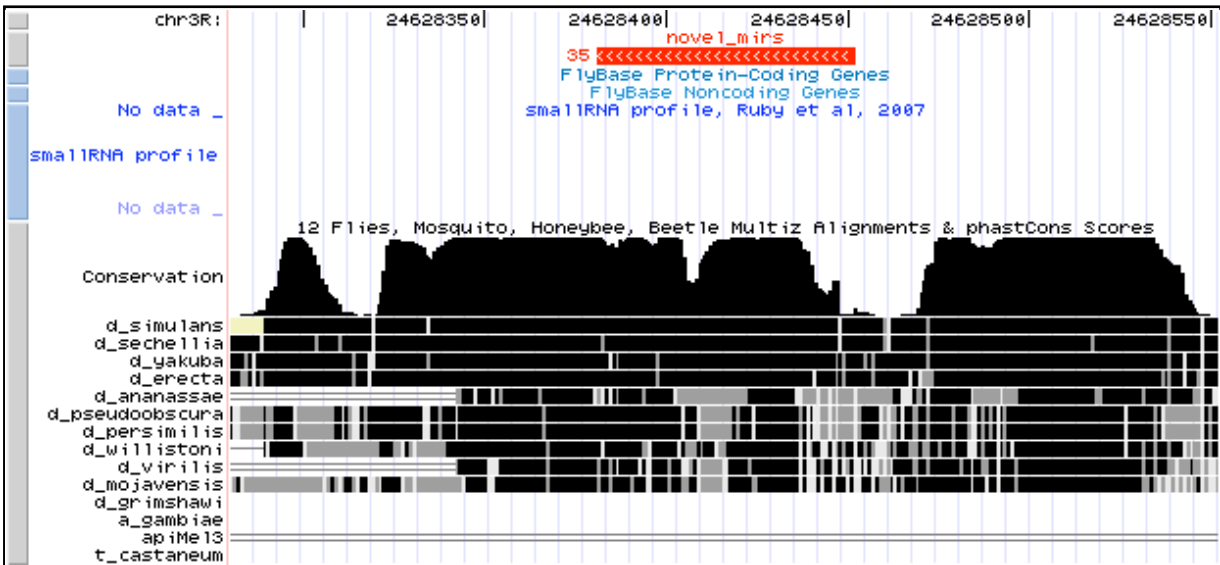
Mature sequence: **UGGGUAAACUCCCAAGGAUCA**



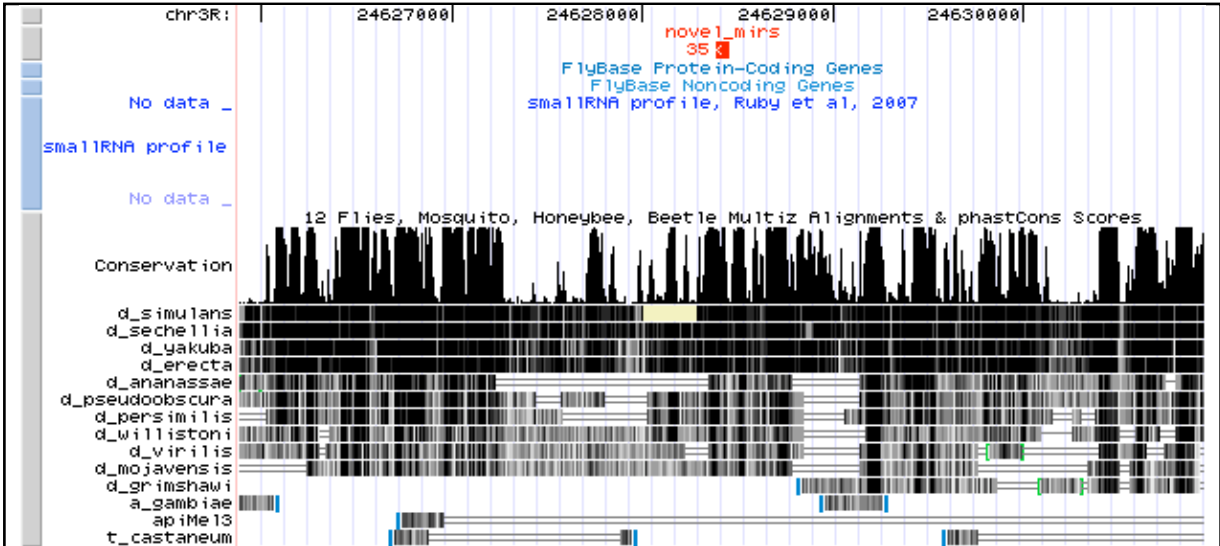
miRNA 35 chr3R : 24628381 - 24628452 Transcribed strand: -

predicted as: locus7
Validated: validated by Northern blot only
Mature sequence: n.d.,sequence matched by Northern probe: AACGACACCAAUCAAUGCUC

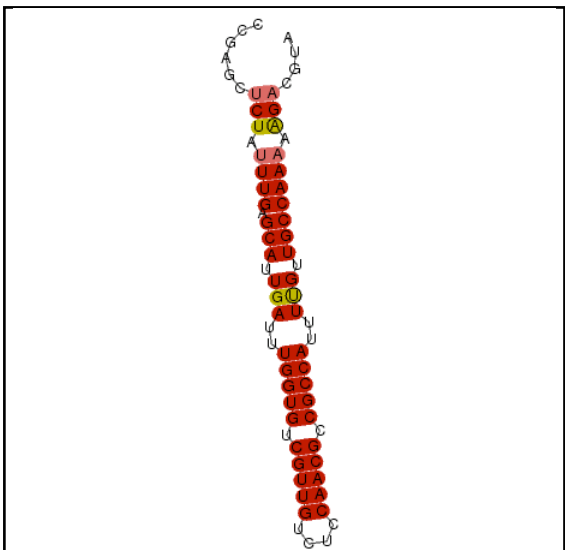
conservation profile



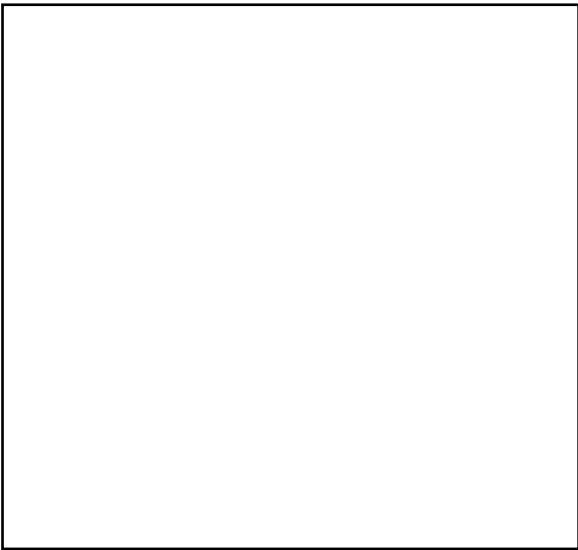
genomic context



rnafold / alifold prediction



Hits in RNA libraries

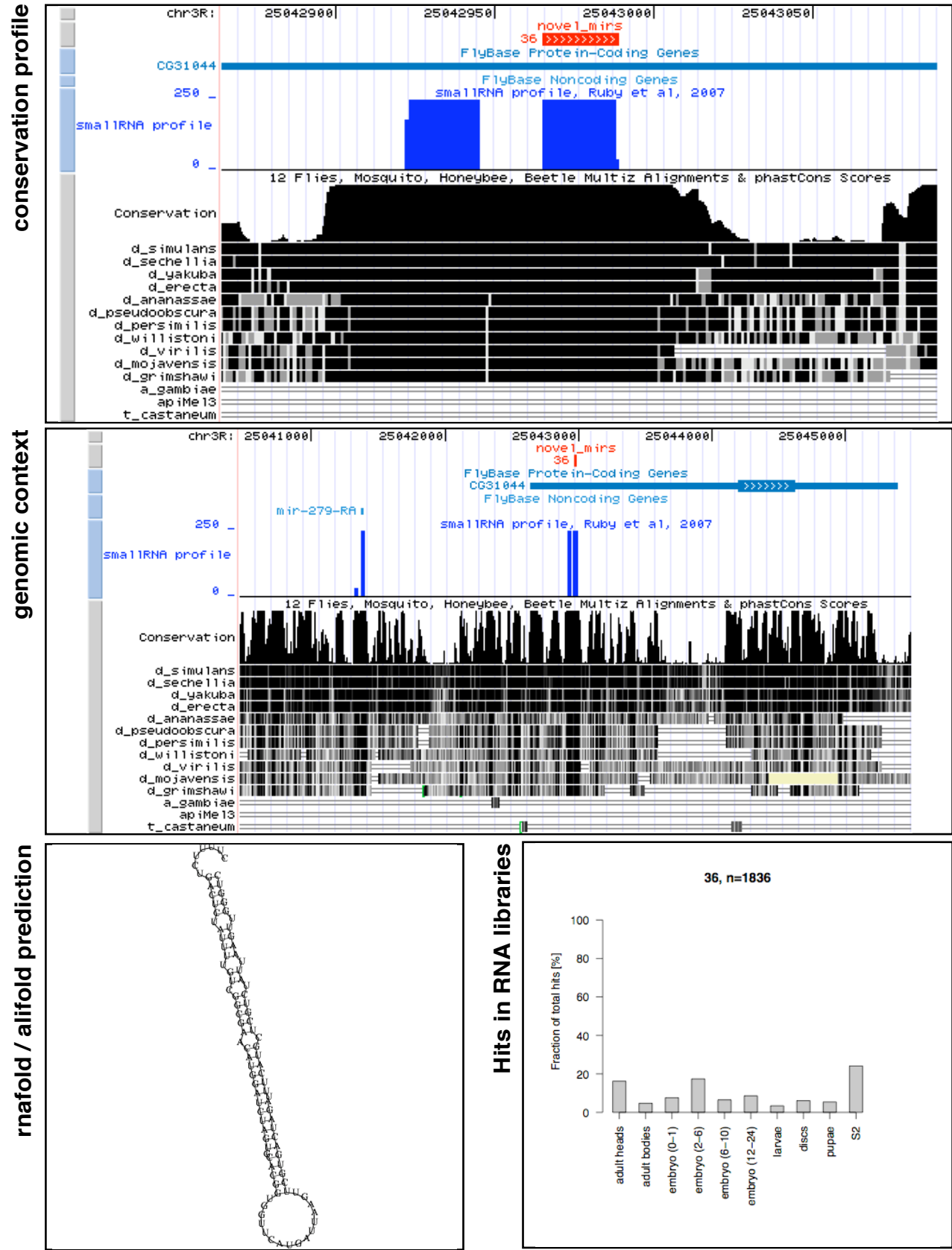


locus64-

miRNA 36 chr3R : 25042965 - 25042989 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data

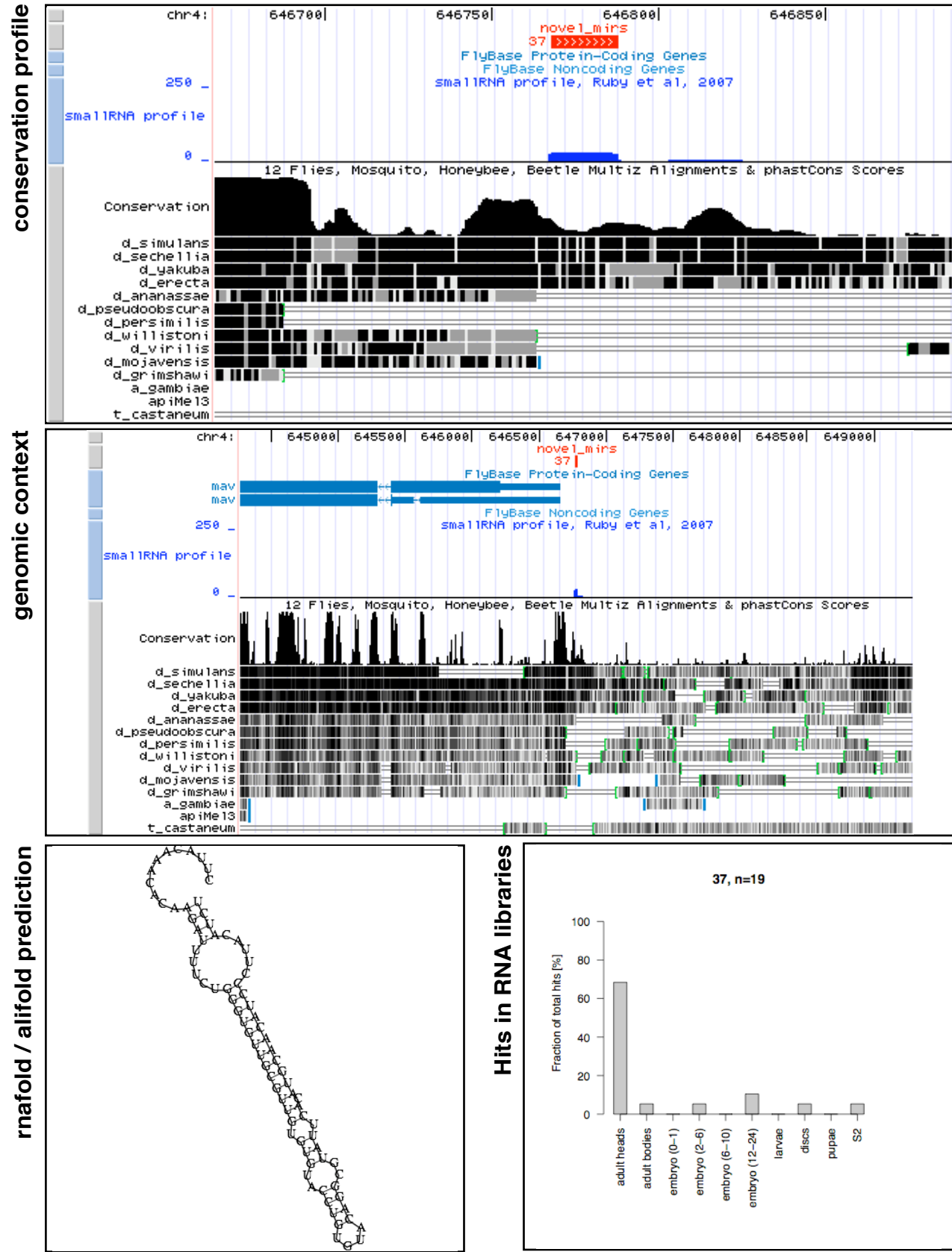
Mature sequence: **UGACUAGAUUUCAUGCUCGUCU**



miRNA 37 chr4: 646768 - 646788 Transcribed strand: +

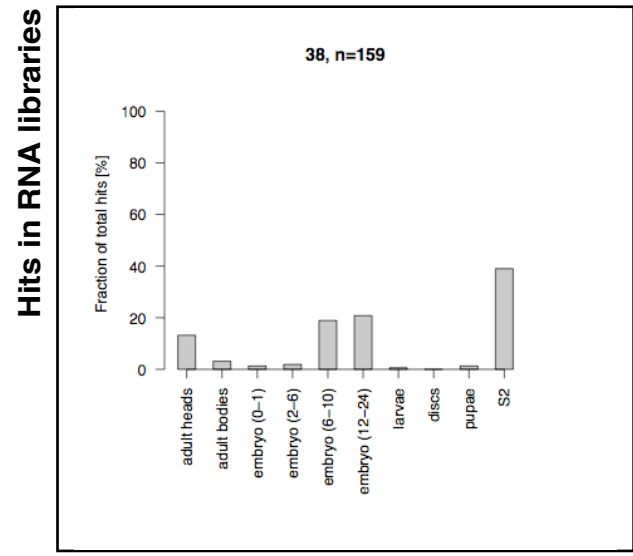
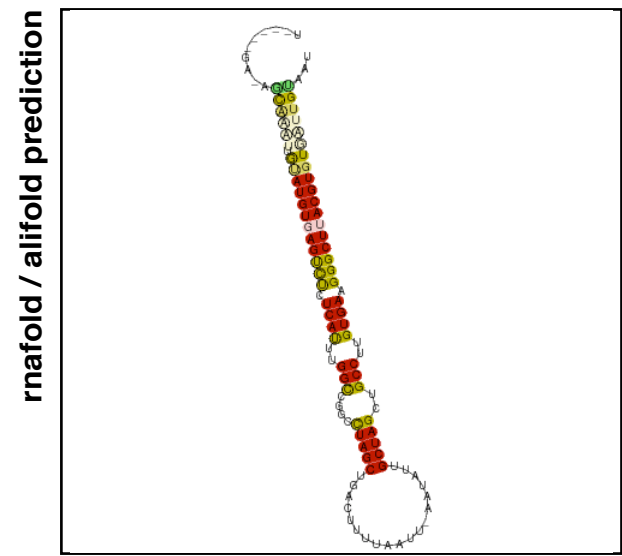
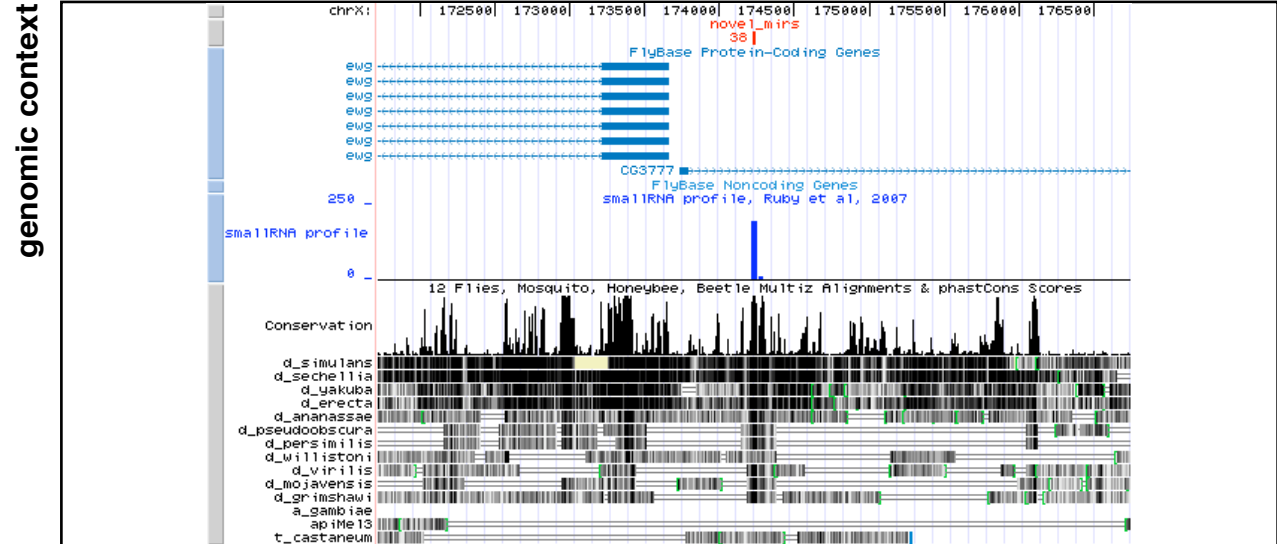
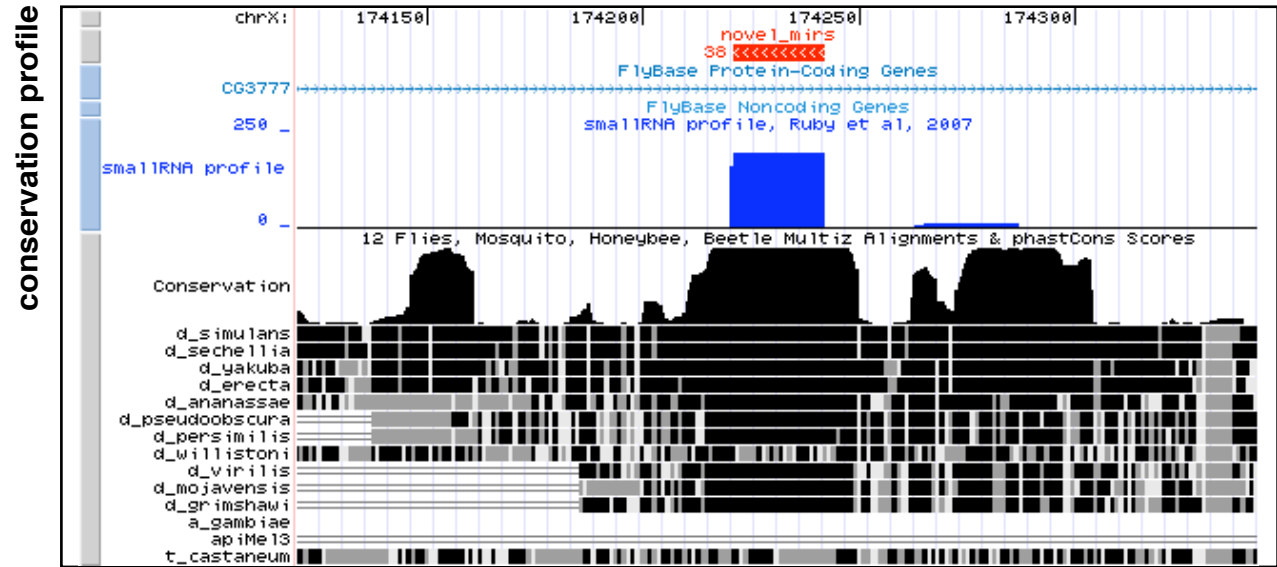
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: UCUGGGUGUUGCGUUGUGUGU



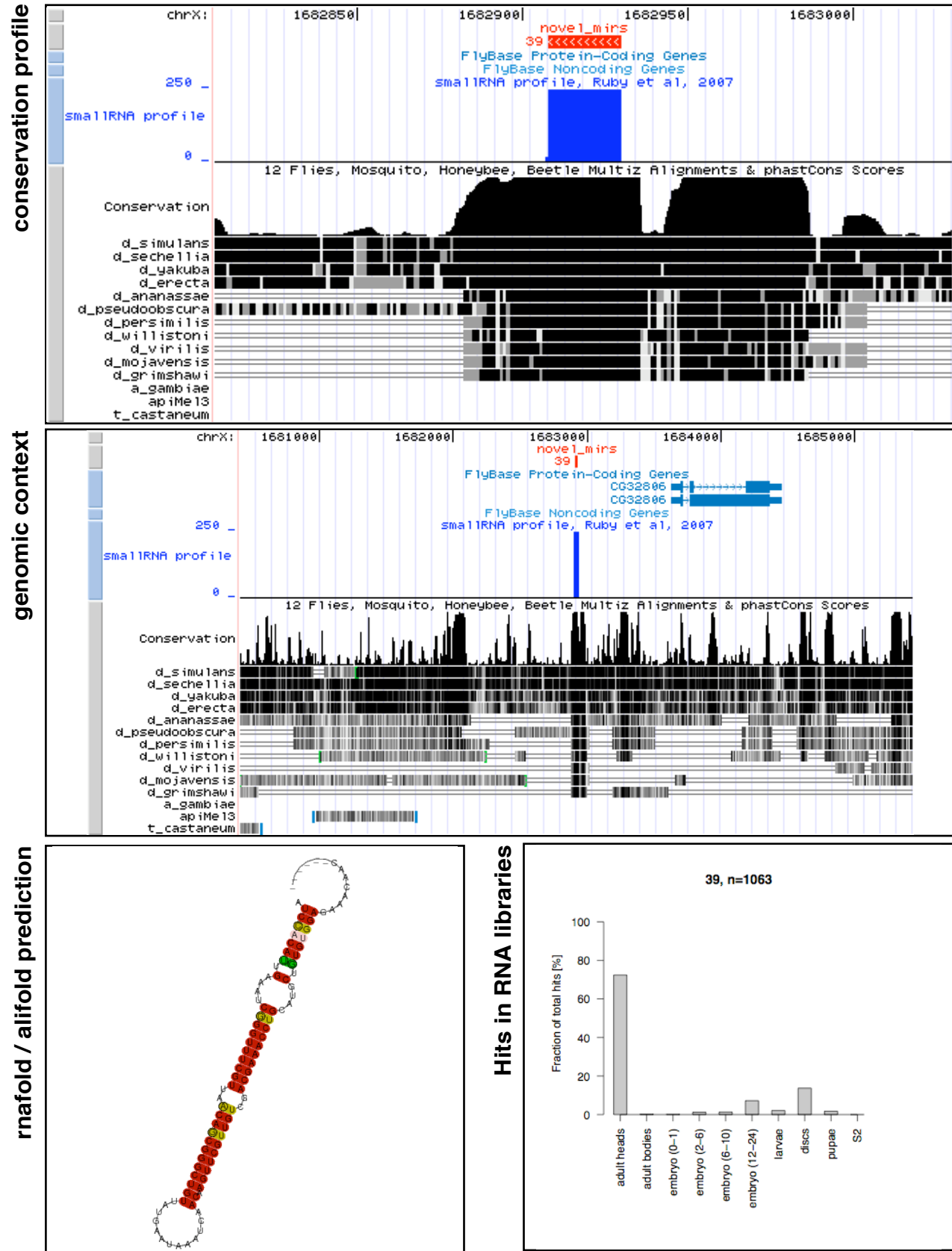
miRNA 38 chrX: 174221 - 174242 Transcribed strand: -

predicted as: locus11
Validated: detected in small RNA sequencing data, validated by Northern blot
Mature sequence: UAGCUGCCUUGUGAAGGGCUUA



miRNA 39 chrX: 1682908 - 1682930 Transcribed strand: -

predicted as: locus12
Validated: detected in small RNA sequencing data, validated by Northern blot
Mature sequence: UUCGUUGUCGACGAAACCUGCA

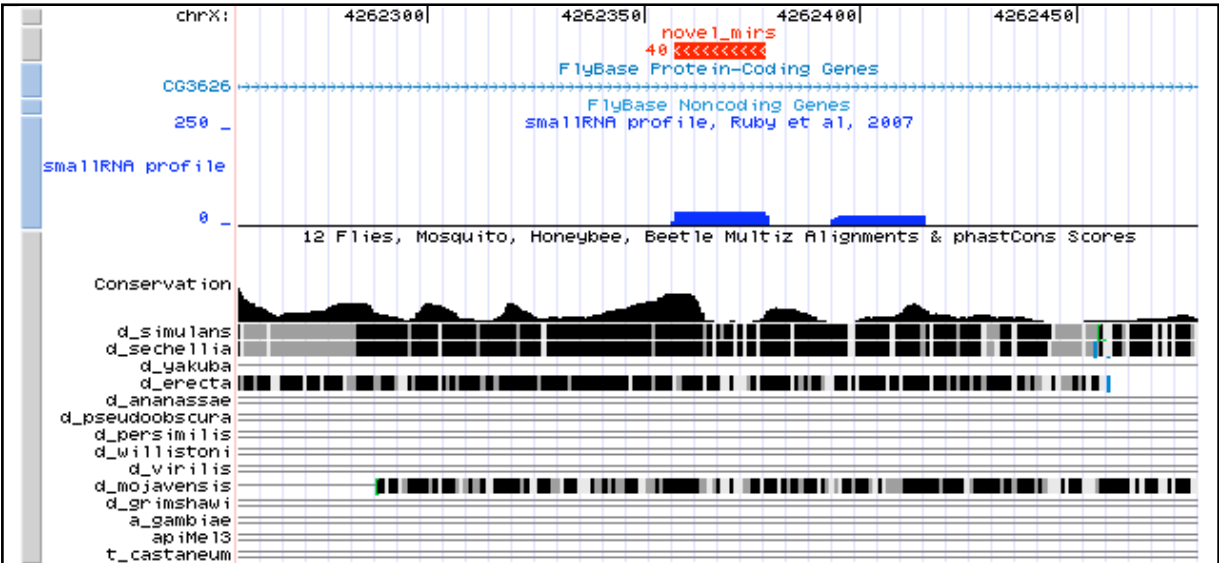


miRNA 40 chrX: 4262357 - 4262378 Transcribed strand: -

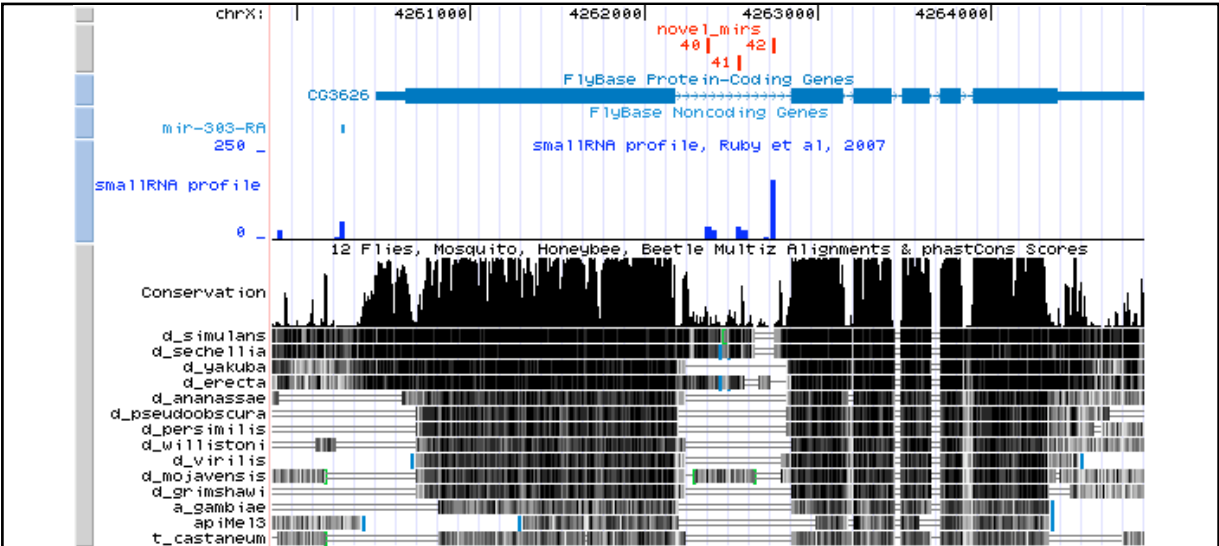
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: AUUAGGUAGUUACGCAUUAUCU

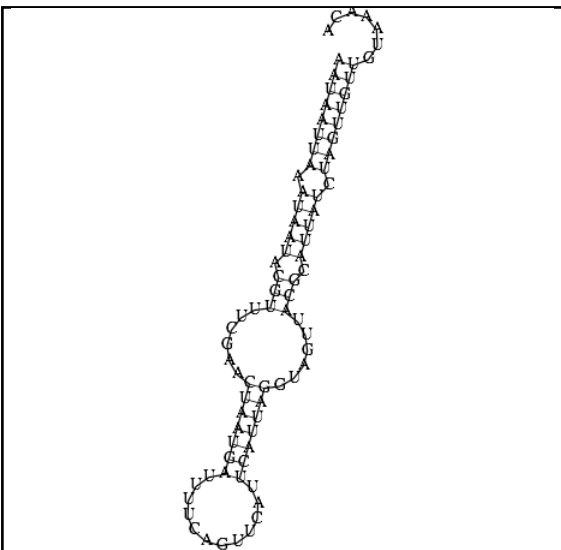
conservation profile



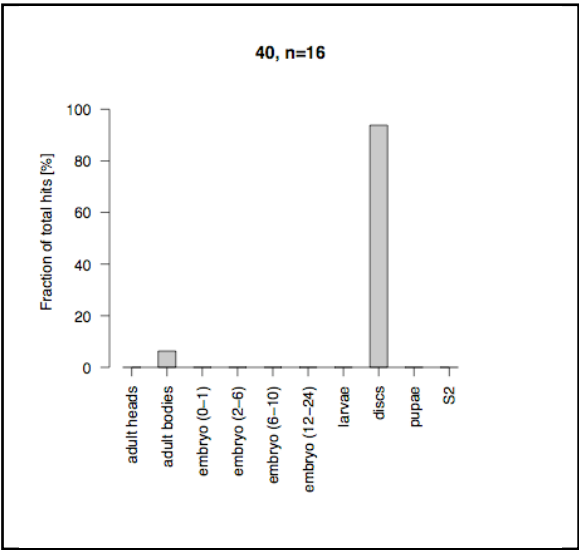
genomic context



rnafold / alifold prediction



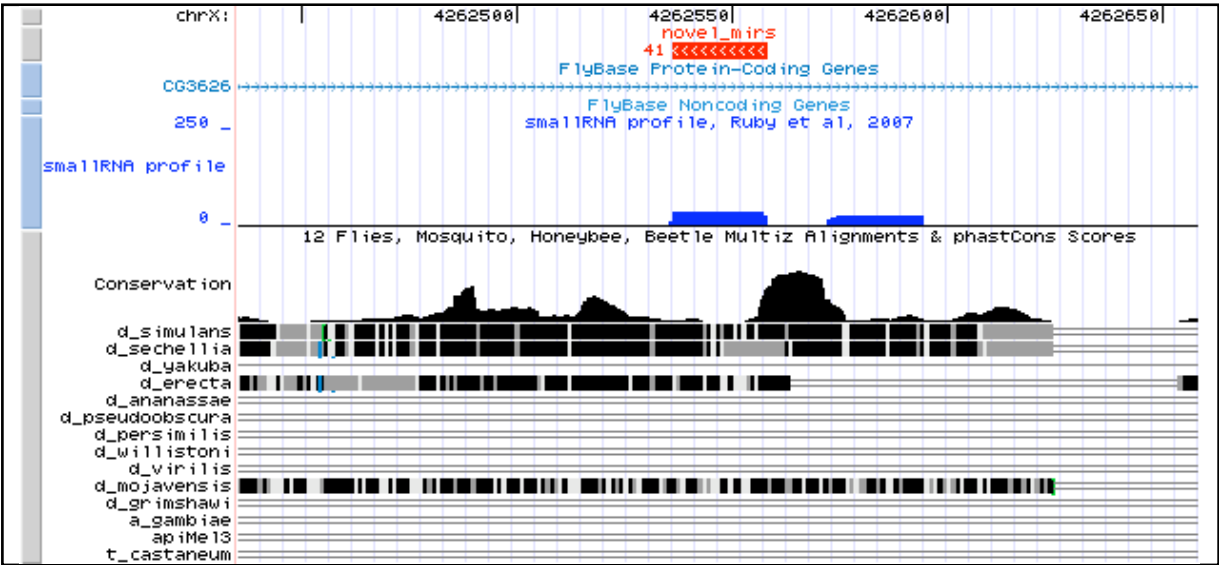
Hits in RNA libraries



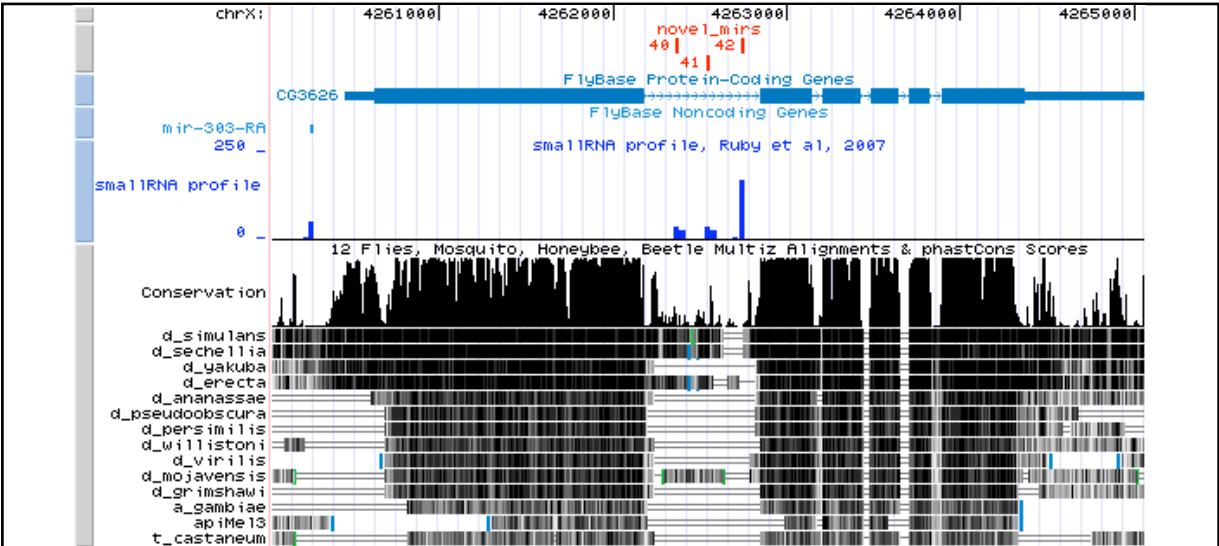
miRNA 41 chrX: 4262536 - 4262558 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: AUUAGGUAGUUACGCAUUAUCU

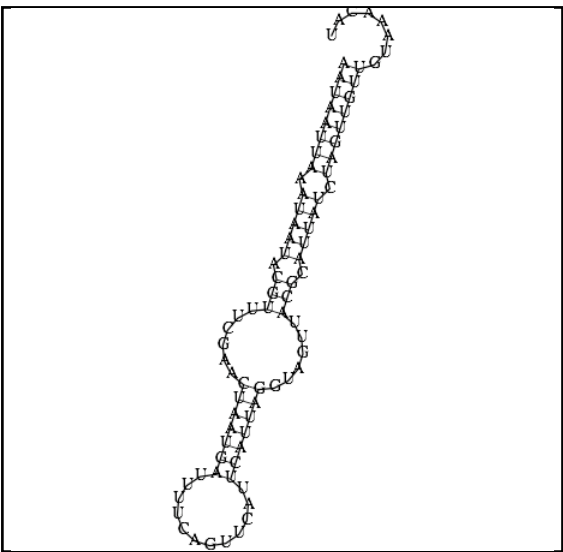
conservation profile



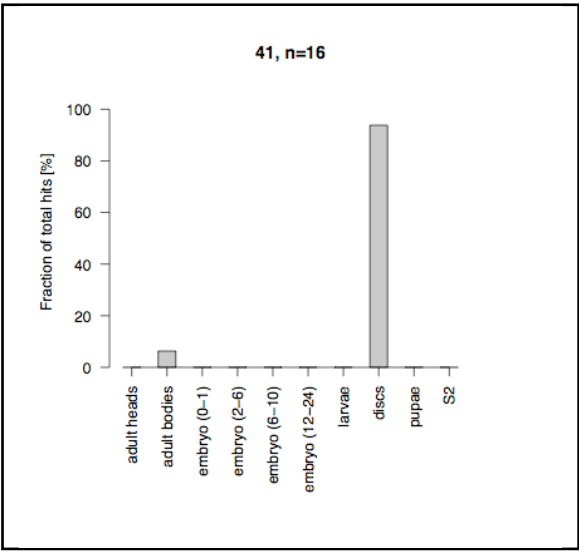
genomic context



rnafold / alifold prediction



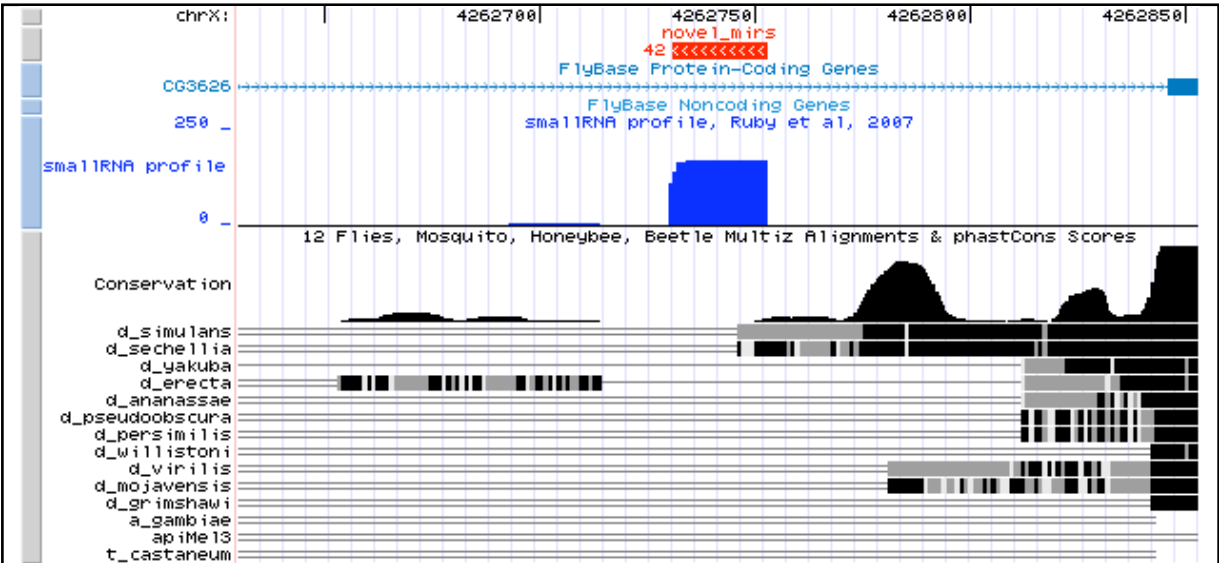
Hits in RNA libraries



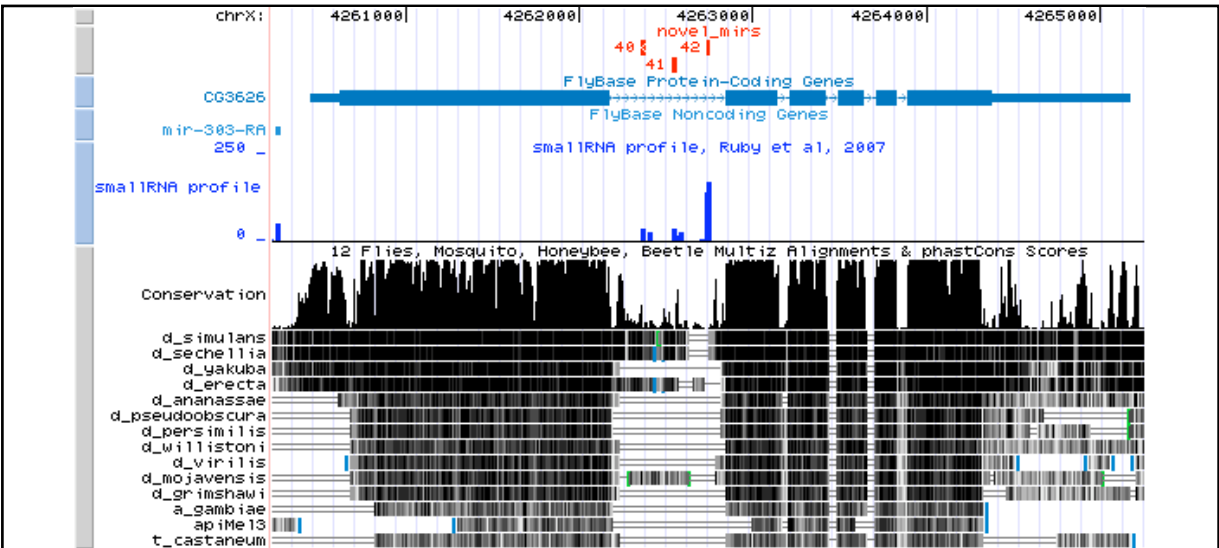
miRNA 42 chrX: 4262731 - 4262753 Transcribed strand: -

predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: **UGAGGUAAAUACGGUUGGAAUUU**

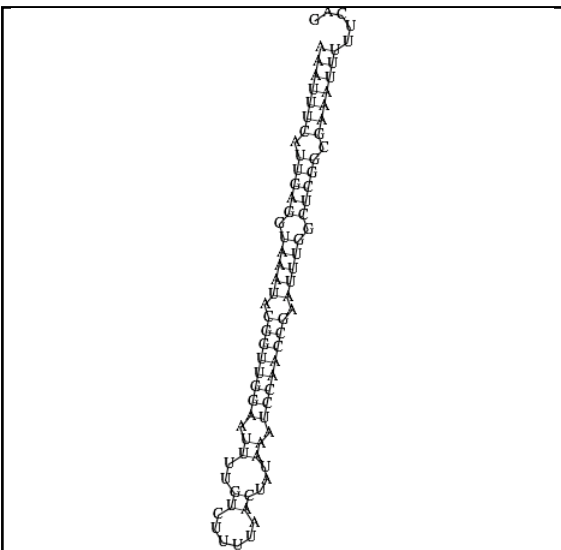
conservation profile



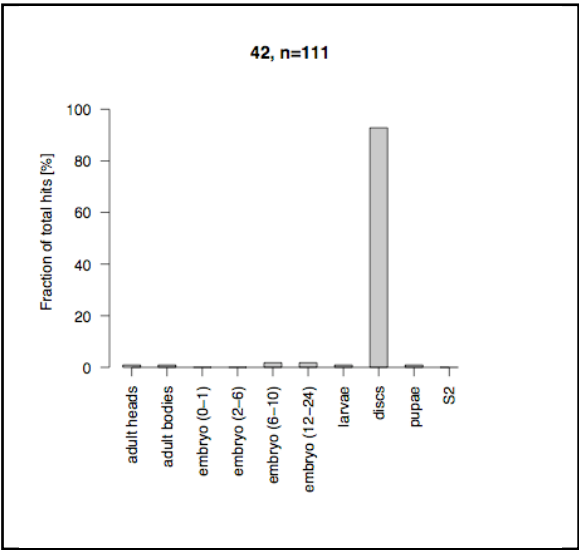
genomic context



rnafold / alifold prediction



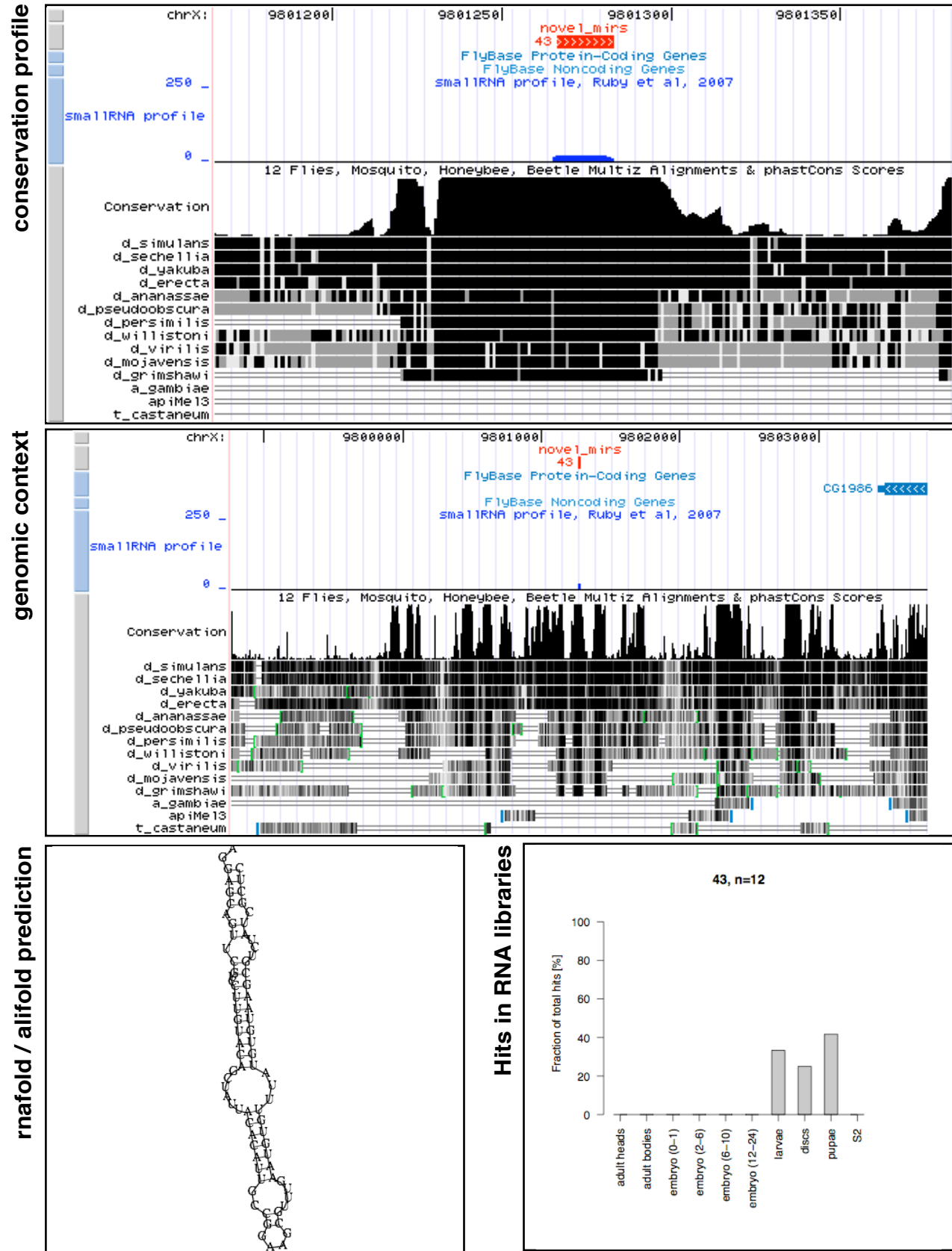
Hits in RNA libraries



miRNA 43 chrX: 9801266 - 9801283 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: GUUUGAAUGUGUUUAUGU

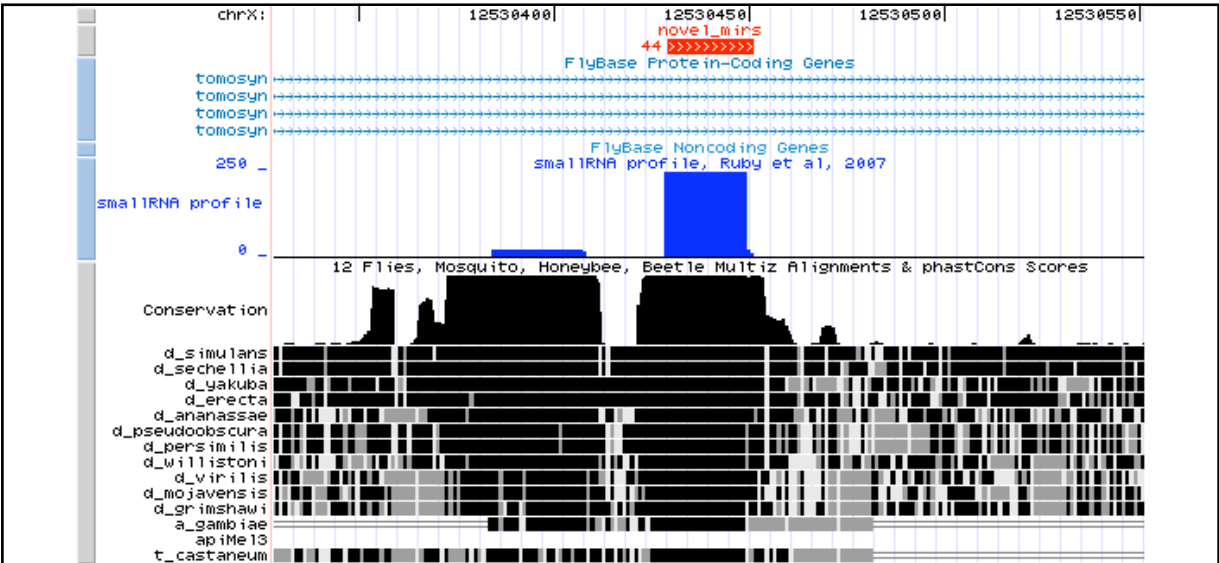


miRNA 44 chrX: 12530429 - 12530451 Transcribed strand: +

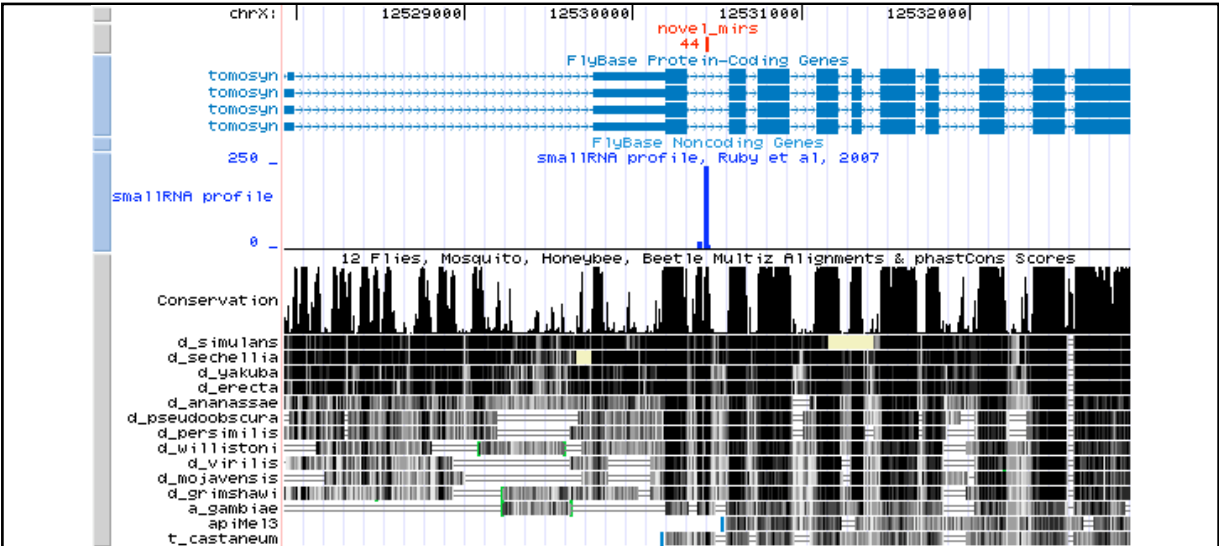
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: UCAUAAGACACACGCGGCUAU

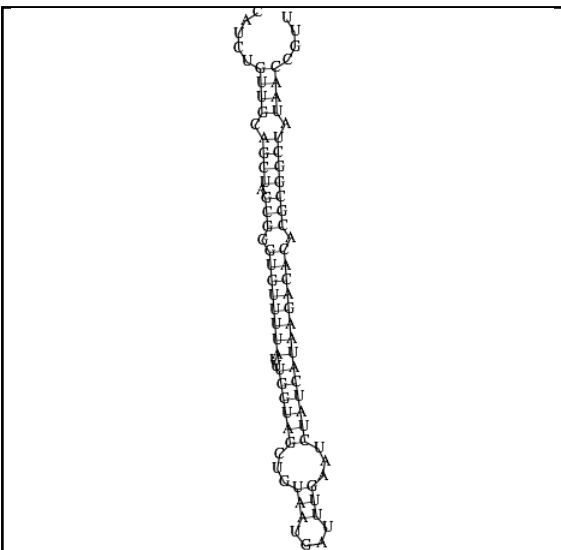
conservation profile



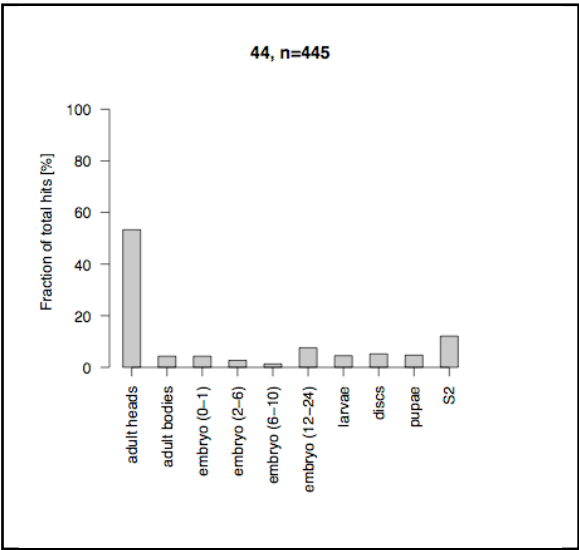
genomic context



rnafold / alifold prediction



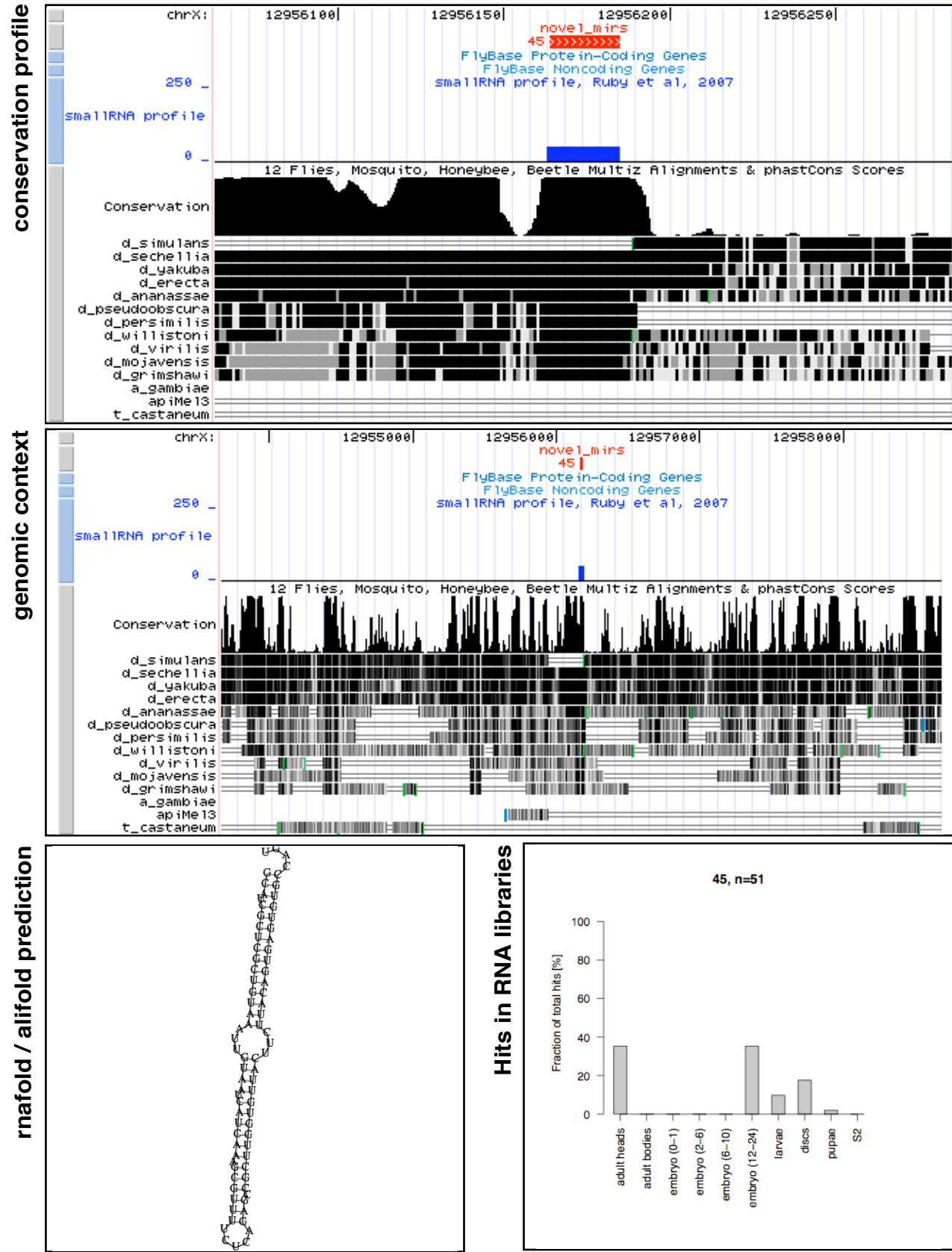
Hits in RNA libraries



miRNA 45 chrX: 12956164 - 12956185 Transcribed strand: +

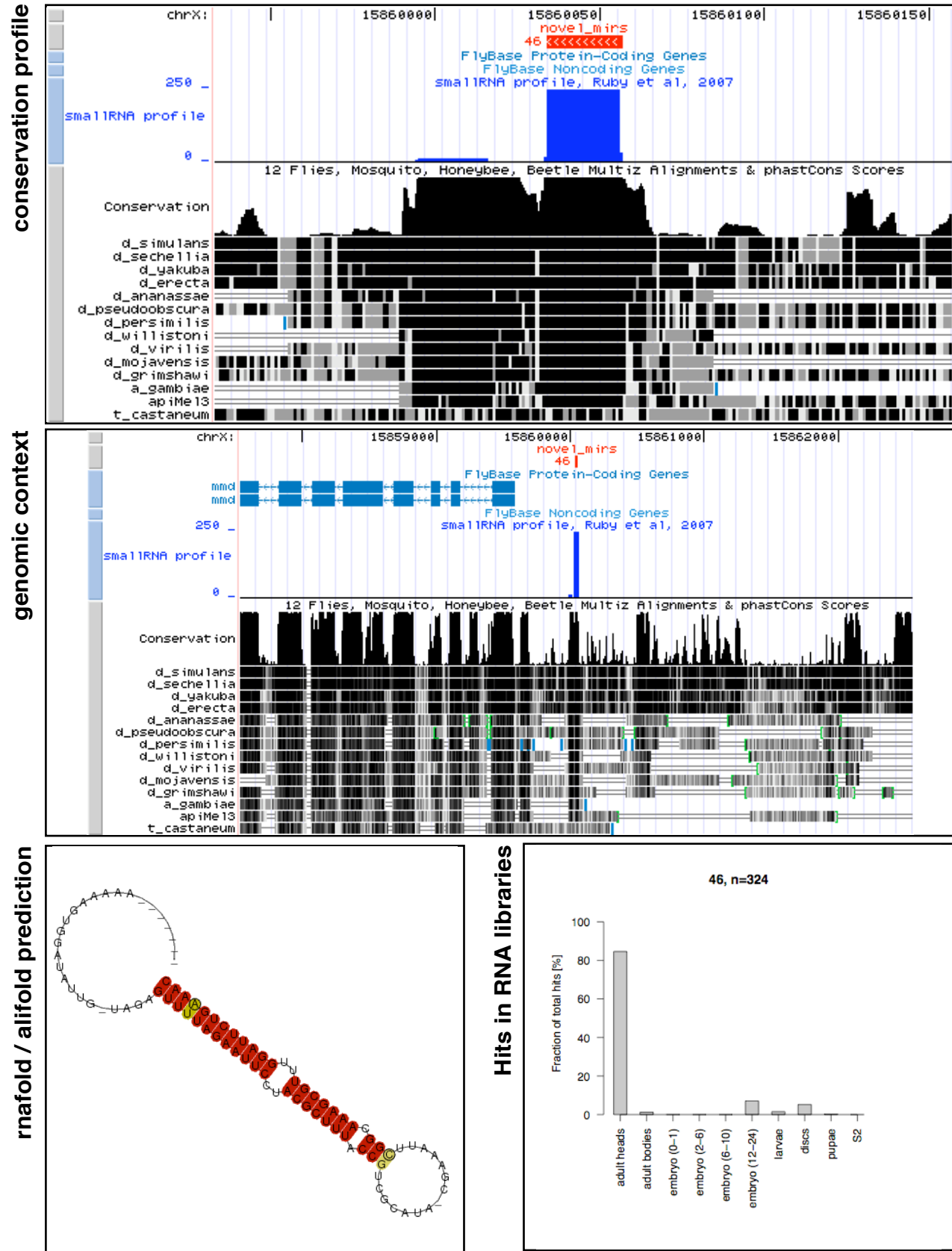
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: UUGGUGUUACUUCUACAGUGA



miRNA 46 chrX: 15860034 - 15860057 Transcribed strand: -

predicted as: locus15
Validated: detected in small RNA sequencing data, validated by Northern blot
Mature sequence: UUUAGAAUCCUACGCUUUACC

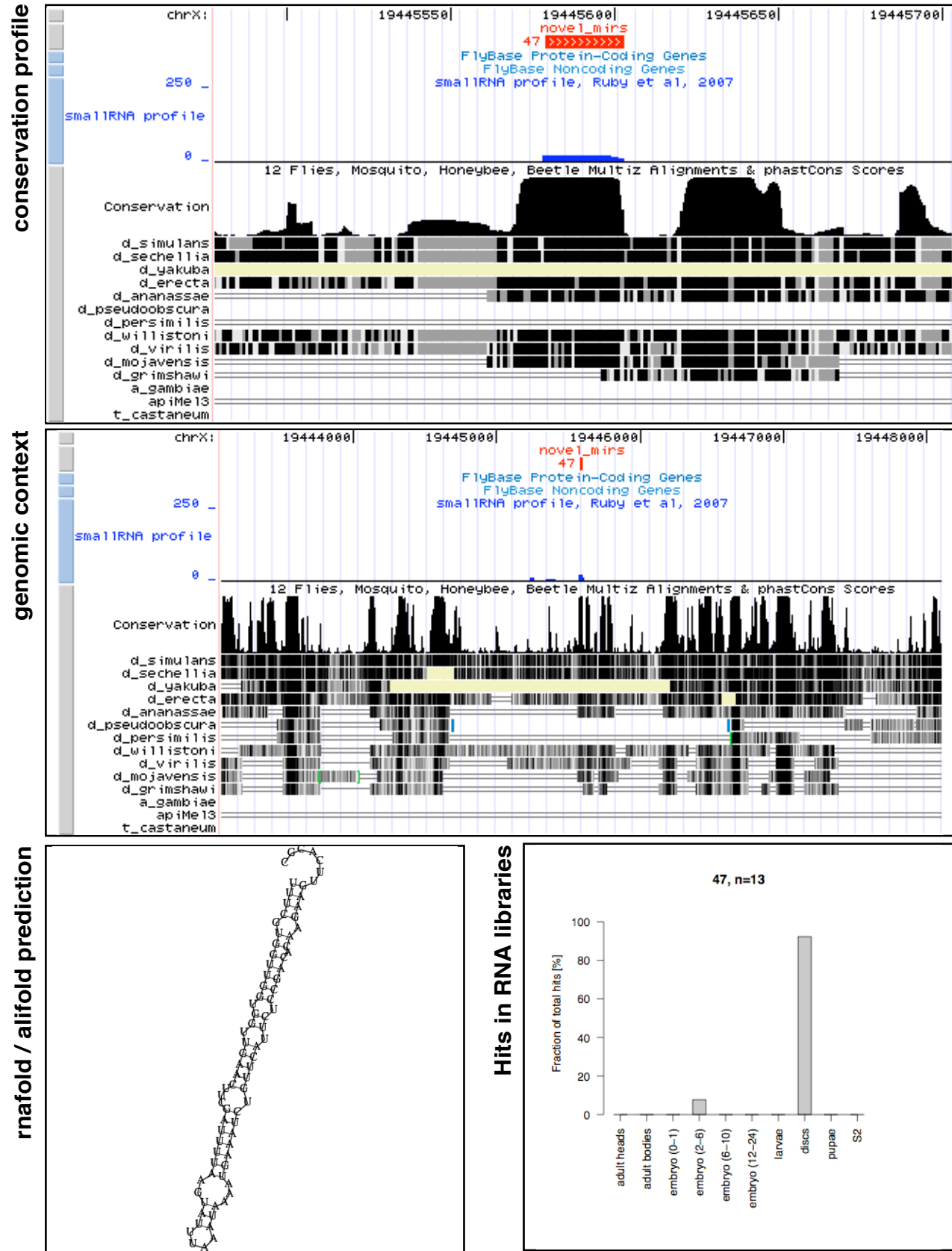


locus15-

miRNA 47 chrX: 19445579 - 19445603 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data

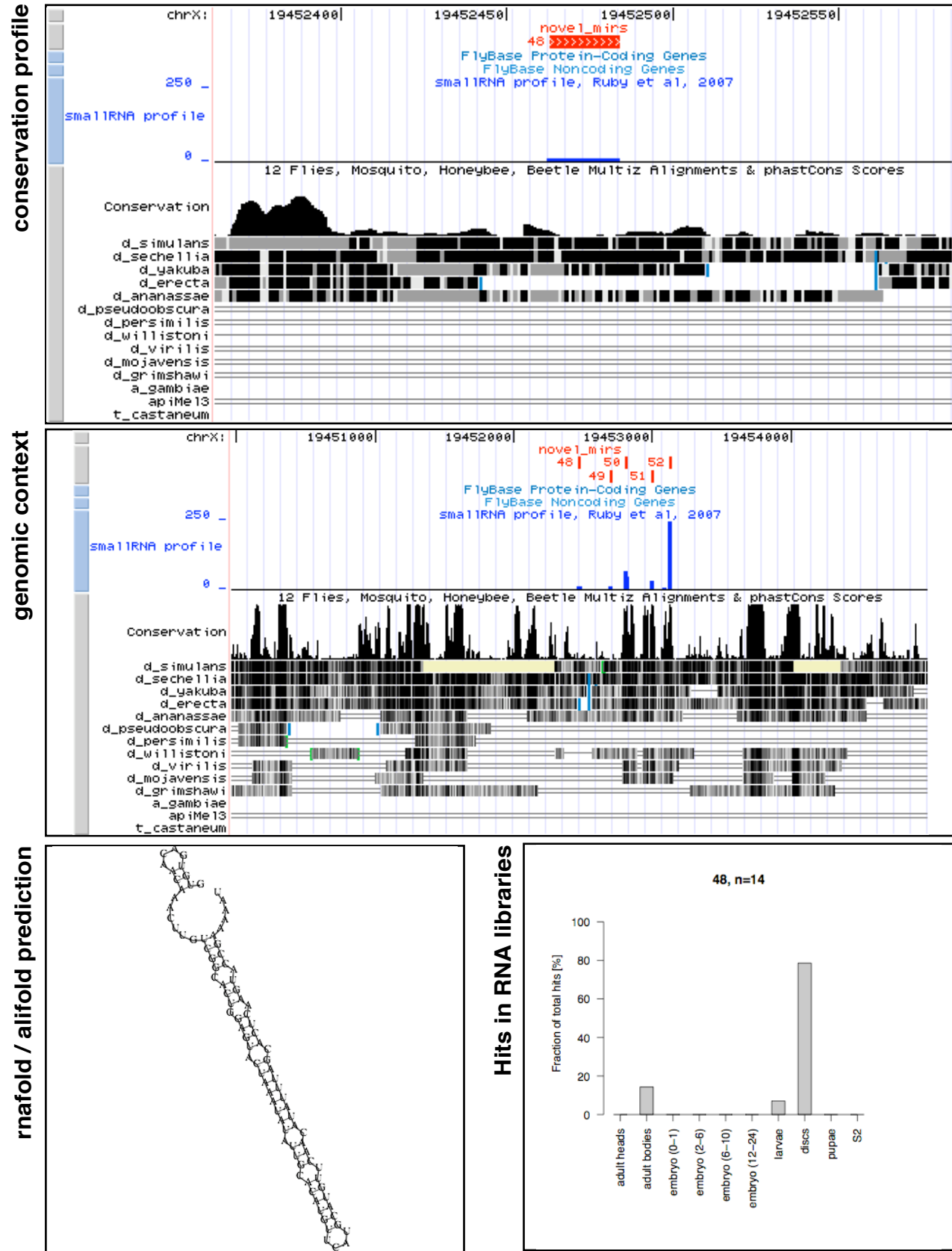
Mature sequence: UGGUUGGUGGUUGAACUUCGAUUUU



miRNA 48 chrX: 19452463 - 19452484 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: UGUUCAACAUUUUAGCACUCA

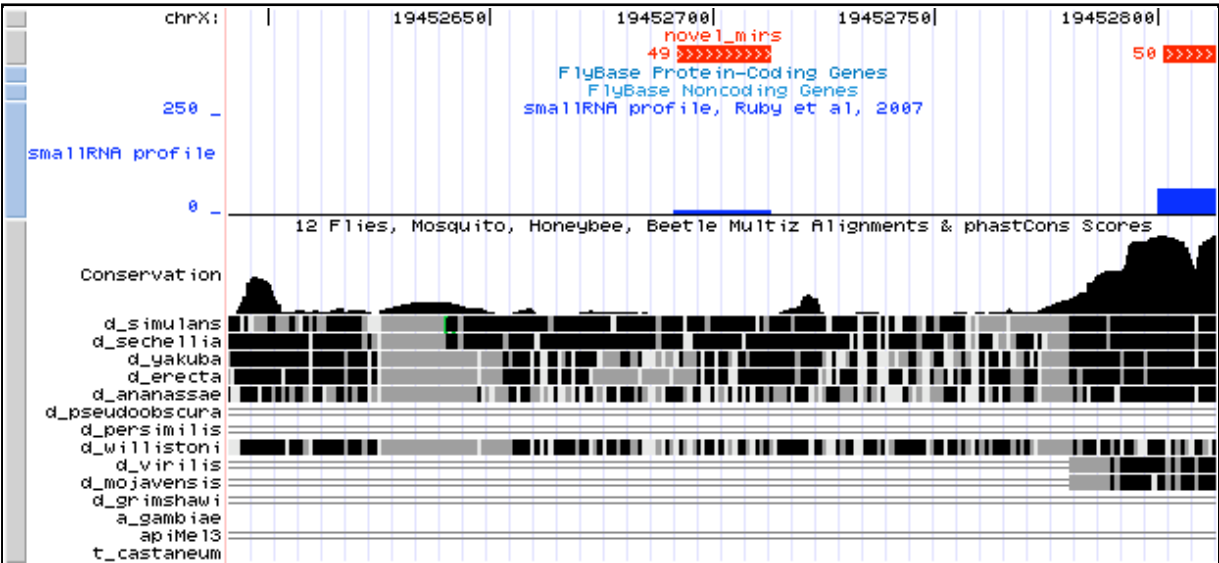


miRNA 49 chrX: 19452692 - 19452713 Transcribed strand: +

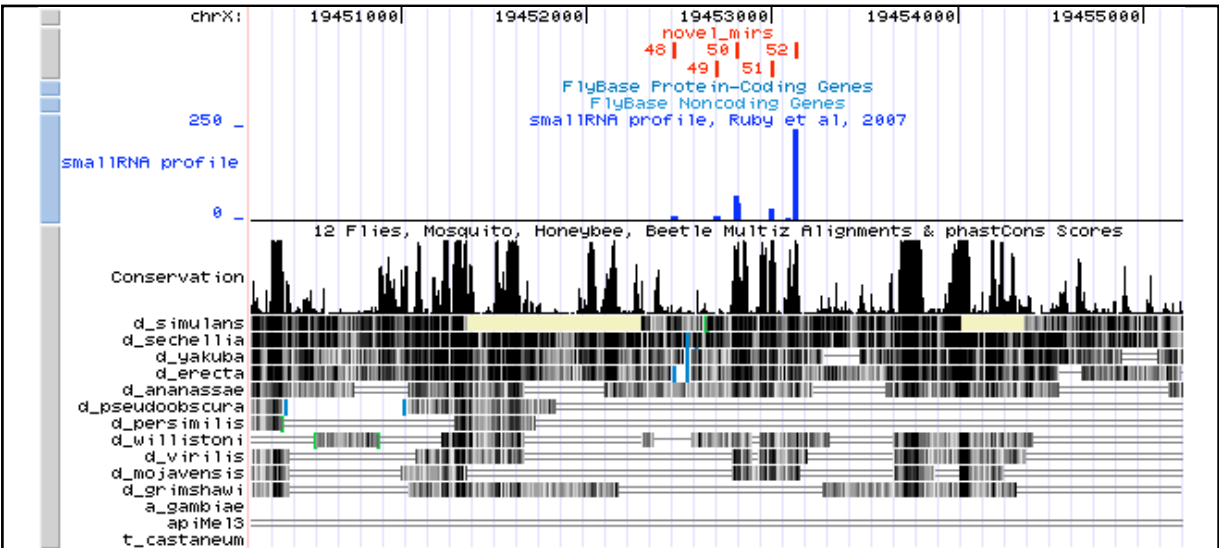
predicted as:
Validated: detected in small RNA sequencing data

Mature sequence: UGUUCAACAUUUUAGCACUCA

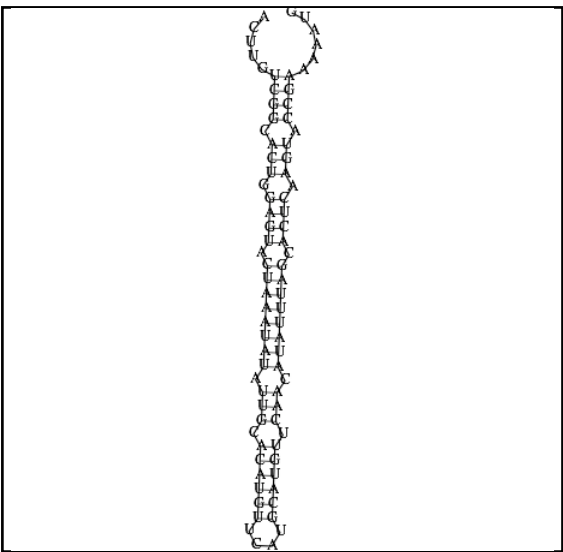
conservation profile



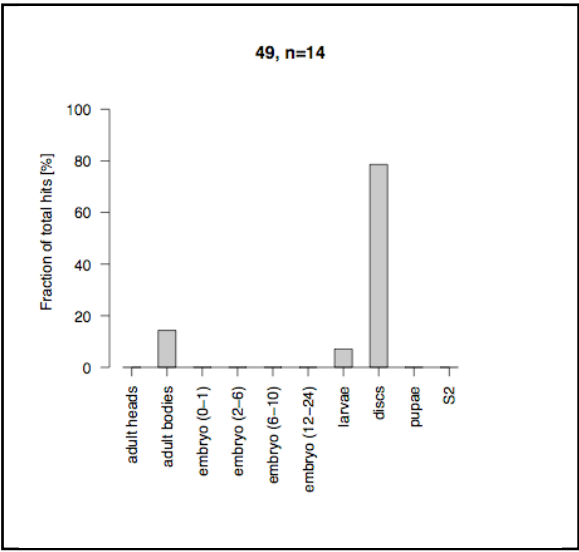
genomic context



rnafold / alifold prediction



Hits in RNA libraries



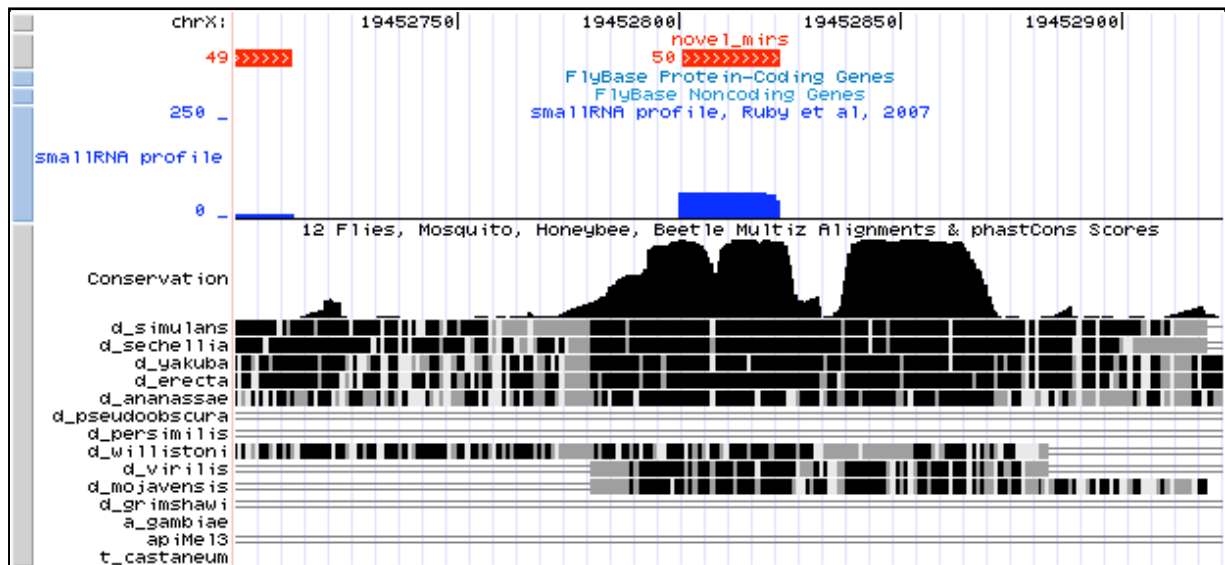
cluster1

predicted as: manual8

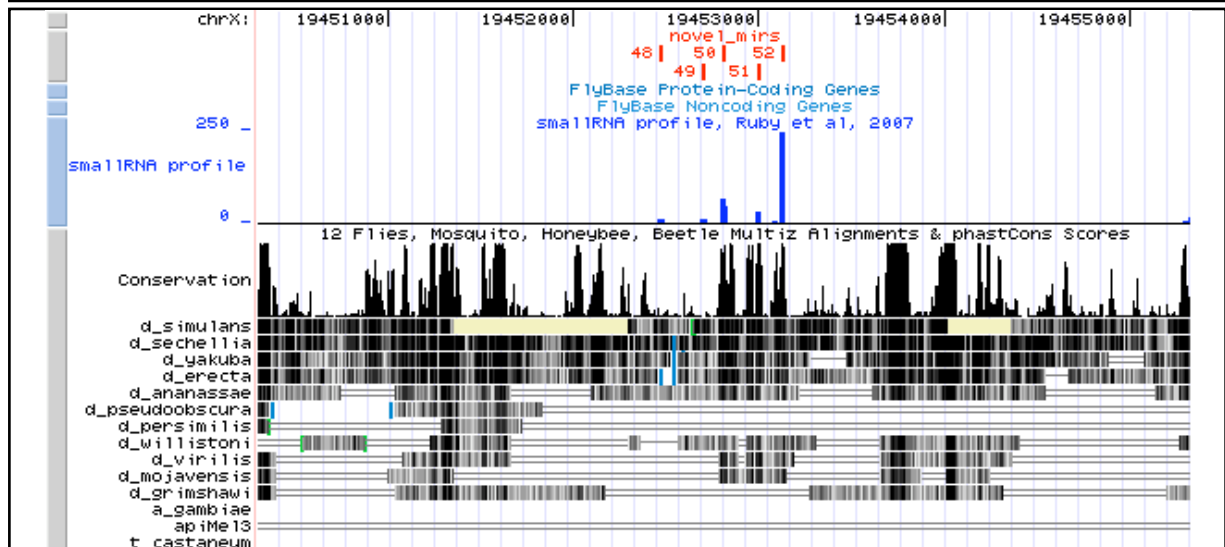
Validated: detected in small RNA sequencing data

Mature sequence: UAAACACUCCUACAUCCUGUAU

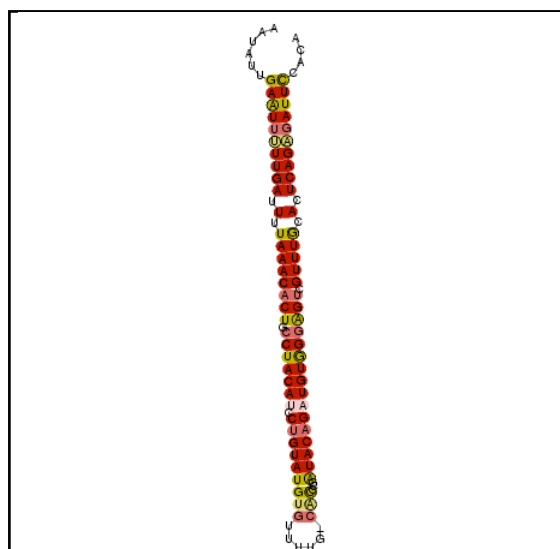
conservation profile



genomic context

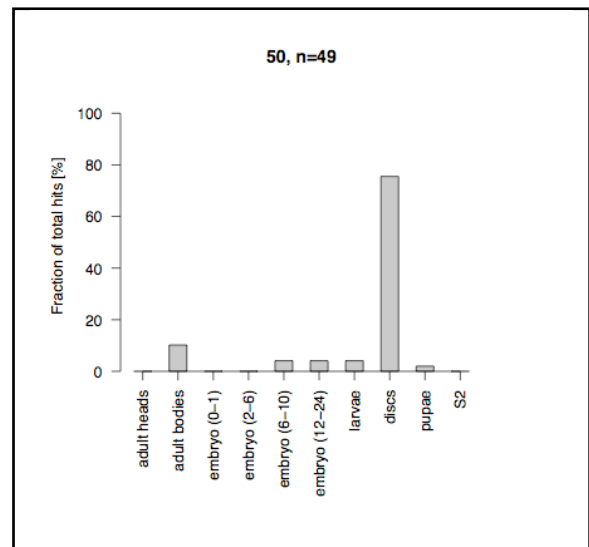


arnafold / alifold prediction



manual8+

Hits in RNA libraries



miRNA 51

chrX: 19452988 - 19453008

Transcribed strand: +

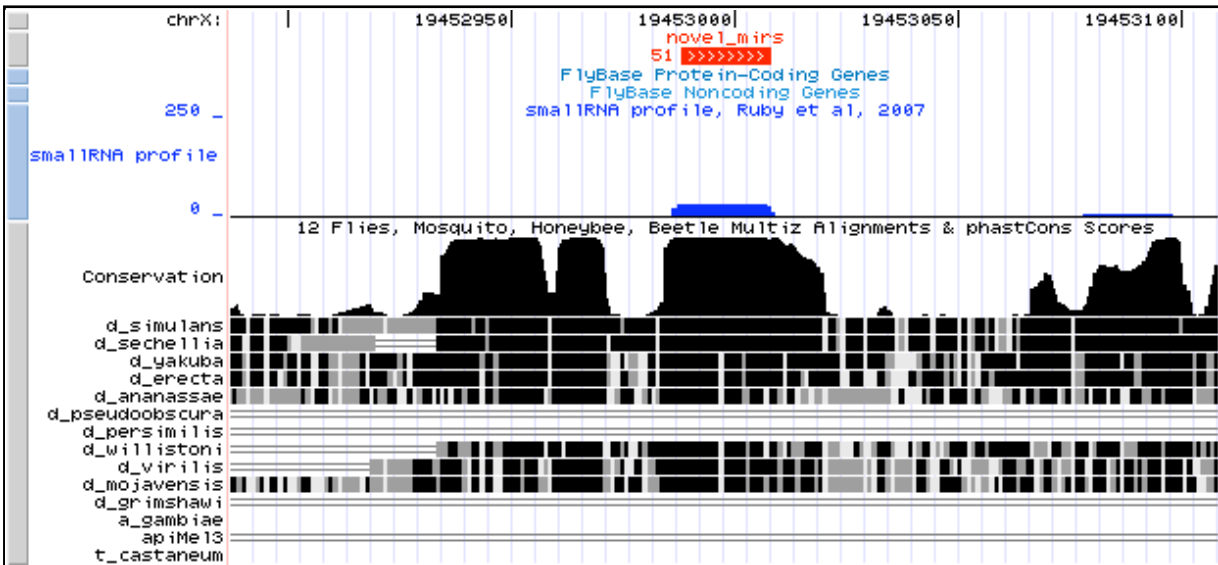
cluster1

predicted as: locus1

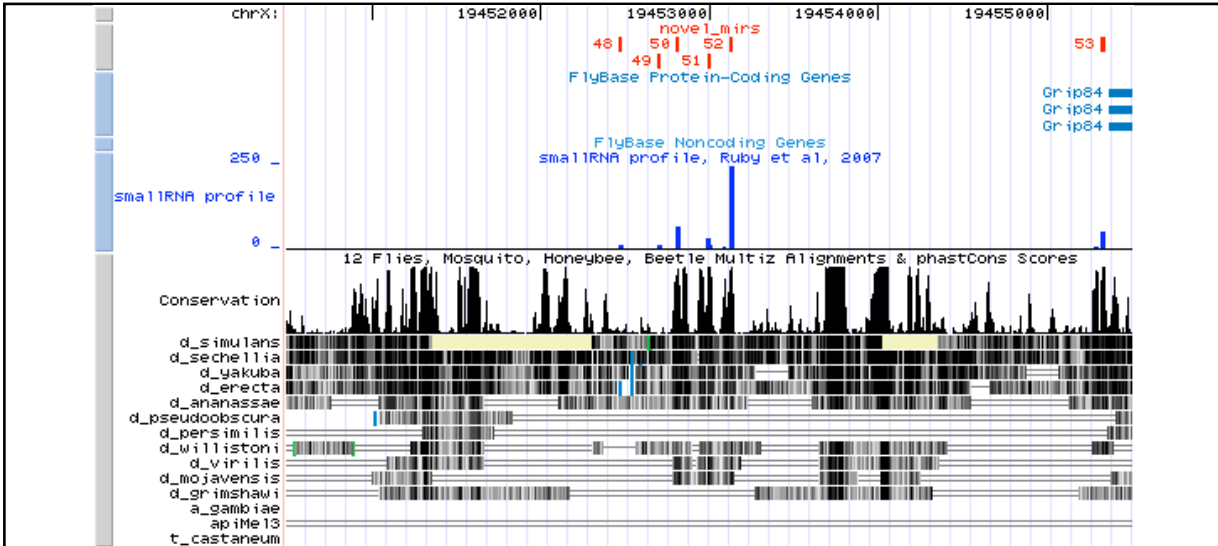
Validated: detected in small RNA sequencing data, validated by Northern blot

Mature sequence: UUGGAUUAGUUAUCAUCAAUGC

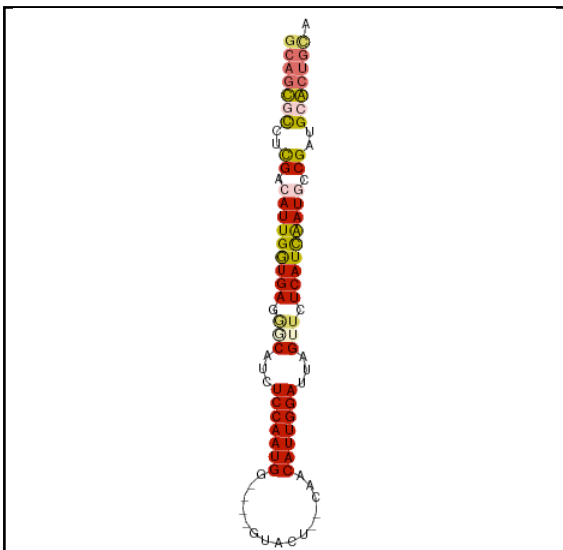
conservation profile



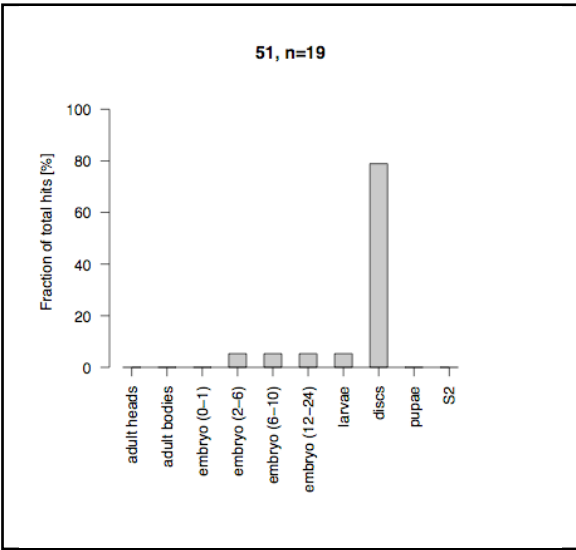
genomic context



rnafold / alifold prediction



Hits in RNA libraries



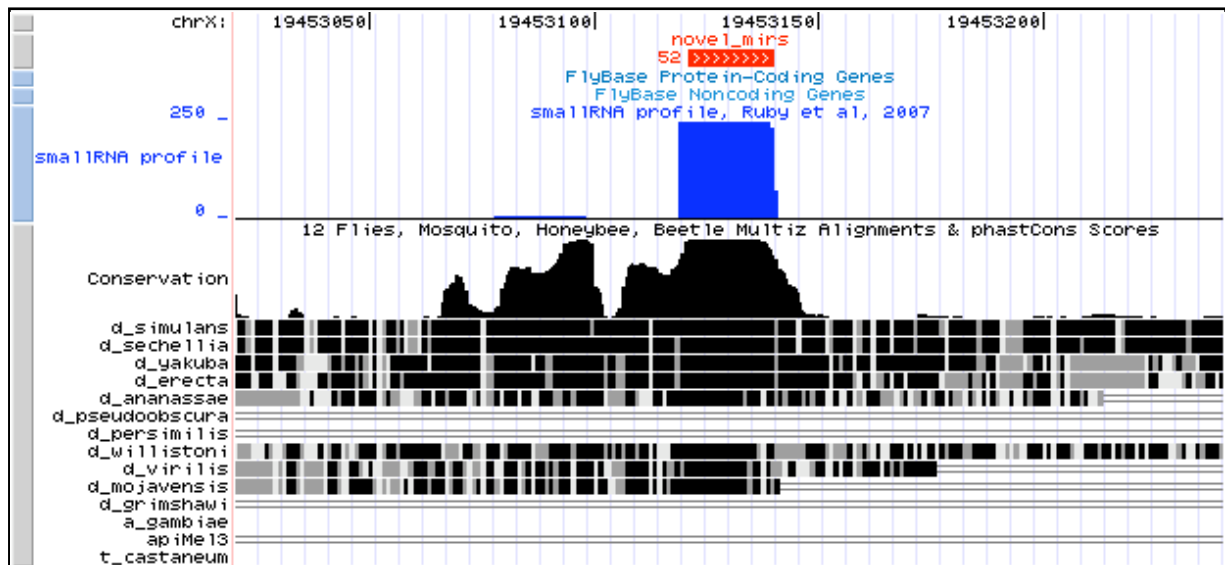
cluster1

predicted as: manual9

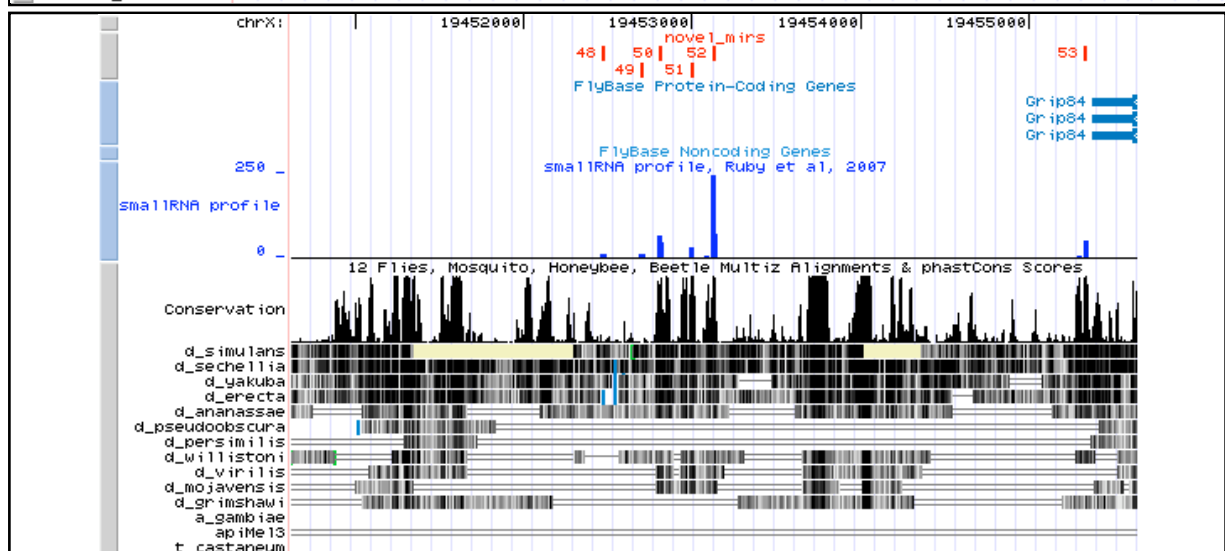
Validated: detected in small RNA sequencing data, validated by Northern blot

Mature sequence: **UGAGAUAUUCACGUUGUCUAA**

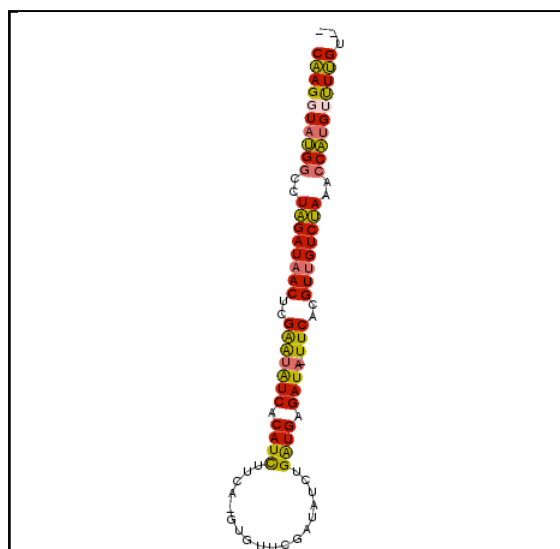
conservation profile



genomic context

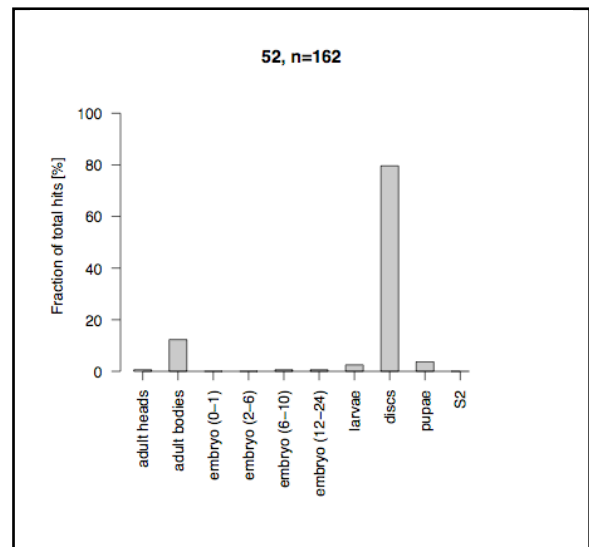


rnafold / alifold prediction



manual9+

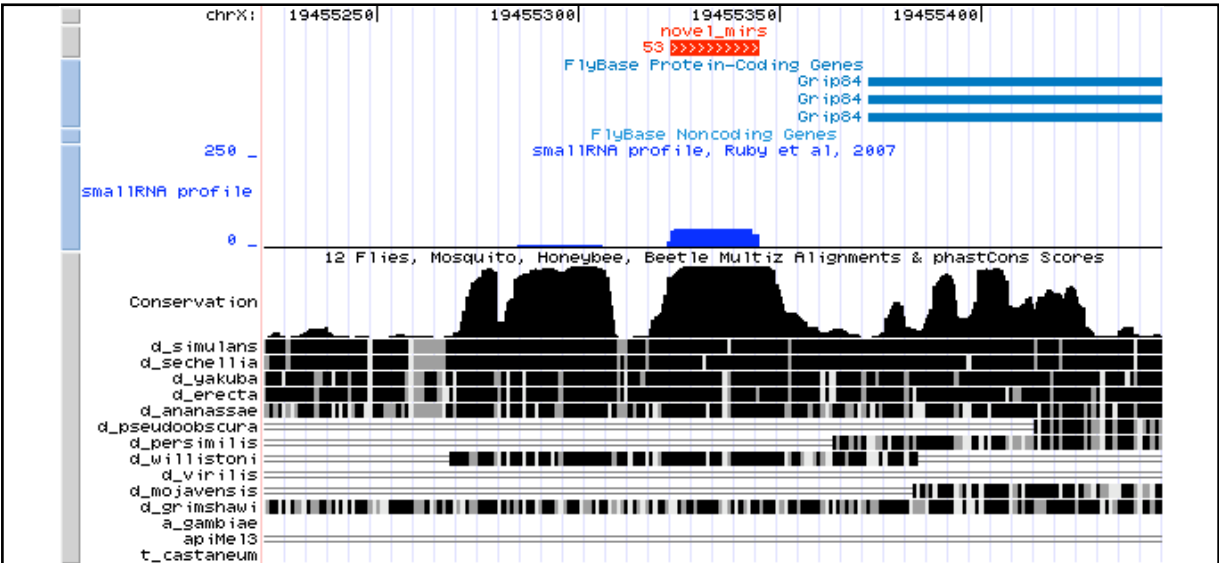
Hits in RNA libraries



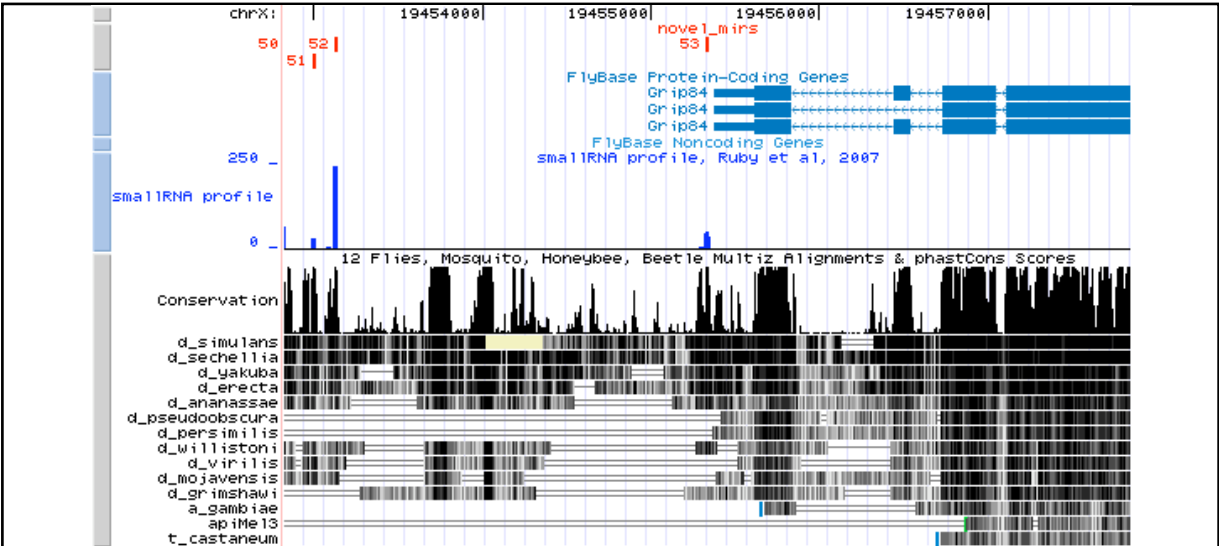
miRNA 53 chrX: 19455323 - 19455345 Transcribed strand: +

predicted as:
Validated: detected in small RNA sequencing data
Mature sequence: UGUCCAGUGCCGUAAAUUGCAG

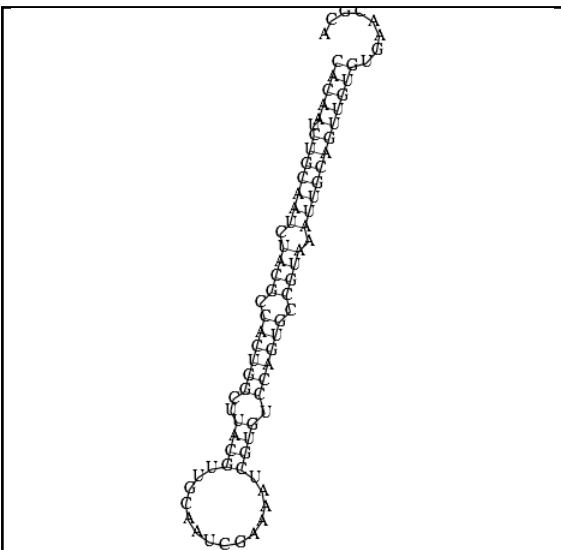
conservation profile



genomic context



rnafold / alifold prediction



Hits in RNA libraries

