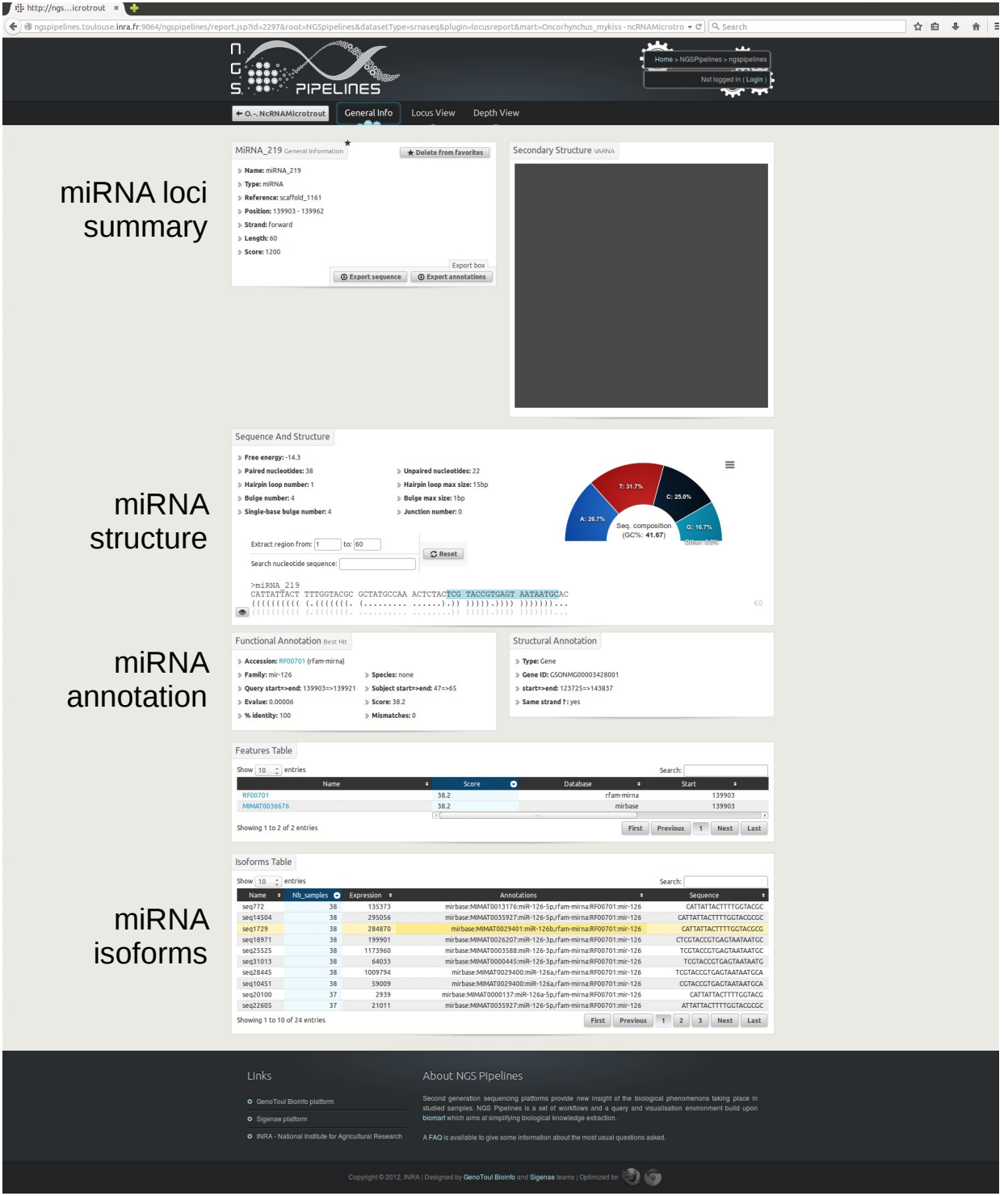
miRNA loci summary
miRNA structure
miRNA annotation
miRNA isoforms
NGS PIPELINES
Home > NGSPipelines > ngspipelines
Not logged in (Login)
Q. -. NcRNAMicrotrout
General Info
Locus View
Depth View
MiRNA_219 General Information
Delete from favorites
Name: miRNA_219
Type: miRNA
Reference: scaffold_1161
Position: 139903 - 139962
Strand: forward
Length: 60
Score: 1200
Export box
Export sequence
Export annotations
Secondary Structure VARNA
Sequence And Structure
Free energy: -14.3
Paired nucleotides: 38
Unpaired nucleotides: 22
Hairpin loop number: 1
Hairpin loop max size: 15bp
Bulge number: 4
Bulge max size: 1bp
Single-base bulge number: 4
Junction number: 0
T: 31.7%
C: 25.0%
A: 26.7%
G: 16.7%
Seq. composition
(GC%: 41.67)
Extract region from: 1 to: 60
Reset
Search nucleotide sequence:
>miRNA_219
CATTATTACT TTTGGTACGC GCTATGCCAA ACTCTACTCG TACCGTGACT AATAATGGAC
Functional Annotation Best Hit
Accession: RF00701 (rfam-mirna)
Family: mir-126
Species: none
Query start=>end: 139903=>139921
Subject start=>end: 47=>65
Evalue: 0.00006
Score: 38.2
% identity: 100
Mismatches: 0
Structural Annotation
Type: Gene
Gene ID: GSONMG00003428001
start=>end: 123725=>143837
Same strand ? : yes
Features Table
Show 10 entries
Search:
Name
Score
Database
Start
RF00701 38.2 rfam-mirna 139903
MIMAT0036676 38.2 mirbase 139903
Showing 1 to 2 of 2 entries
First Previous 1 Next Last
Isoforms Table
Show 10 entries
Search:
Name
Nb_samples
Expression
Annotations
Sequence
seq772 38 135373 mirbase:MIMAT0013176:miR-126-5p,rfam-mirna:RF00701:mir-126 CATTATTACTTTTGGTACGC
seq14504 38 295056 mirbase:MIMAT0035927:miR-126-5p,rfam-mirna:RF00701:mir-126 CATTATTACTTTTGGTACGCGC
seq1729 38 284870 mirbase:MIMAT0029401:miR-126b,rfam-mirna:RF00701:mir-126 CATTATTACTTTTGGTACGCG
seq18971 38 199901 mirbase:MIMAT0026207:miR-126-3p,rfam-mirna:RF00701:mir-126 CTCGTACCGTGAGTAATAATGC
seq25525 38 1173960 mirbase:MIMAT0003588:miR-126-3p,rfam-mirna:RF00701:mir-126 TCGTACCGTGAGTAATAATGC
seq31013 38 64033 mirbase:MIMAT0000445:miR-126-3p,rfam-mirna:RF00701:mir-126 TCGTACCGTGAGTAATAATG
seq28445 38 1009794 mirbase:MIMAT0029400:miR-126a,rfam-mirna:RF00701:mir-126 TCGTACCGTGAGTAATAATGCA
seq10451 38 59009 mirbase:MIMAT0029400:miR-126a,rfam-mirna:RF00701:mir-126 CGTACCGTGAGTAATAATGCA
seq20100 37 2939 mirbase:MIMAT0000137:miR-126a-5p,rfam-mirna:RF00701:mir-126 CATTATTACTTTTGGTACG
seq22605 37 21011 mirbase:MIMAT0035927:miR-126-5p,rfam-mirna:RF00701:mir-126 ATTATTACTTTTGGTACGCGC
Showing 1 to 10 of 24 entries
First Previous 1 2 3 Next Last
Links
GenoToul Bioinfo platform
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About NGS Pipelines
Second generation sequencing platforms provide new insight of the biological phenomenons taking place in studied samples. NGS Pipelines is a set of workflows and a query and visualisation environment build upon biomart which aims at simplifying biological knowledge extraction.
A FAQ is available to give some information about the most usual questions asked.
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