

Fast muscle



Slow muscle



mir-133 (Strongylocentrotus purpuratus) TCCGGAAAATGTAGCGCTTTAGCTGGTAAACGGGAACCAAATCGTGAAGTAAATGCGGATTGGTCCCCTTCAACCAGCCGTAGCA

Consensus

ATTGGTCCCCTTCAACCAGCCGTA

Mature 3' sub (1,510)

TTTGGTCCCCTTCAACCAGCC

Mature 3' sub (390)

TTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (140)

TTGGTCCCCTTCAACCAGCC

Mature 3' sub (139)

TGGTCCCCTTCAACCAGCCGT

Mature 3' (137)

TTTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (64)

TTTGGTCCCCTTCAACCAGCCG

Mature 3' sub/super (20)

ATTGGTCCCCTTCAACCAGCC

Mature 3' sub (20)

TTGGTCCCCTTCAACCAGCCG

Mature 3' sub/super (7)

ATTGGTCCCCTTCAACCAGCCG

Mature 3' sub (7)

TGGTCCCCTTCAACCAGCC

Mature 3' super (6)

ATTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (3)

TGGTCCCCTTCAACCAGCCG

Mature 3' super (2)

TTTGGTCCCCTTCAACCAGCCGTA

Mature 3' sub/super (1)

TTGGTCCCCTTCAACCAGCCGTA

Heart



Eye

20
|

40
|

60
|

80
|

miRNA



mir-133 (Strongylocentrotus purpuratus) TCCGGAAAATGTAGCGCTTTAGCTGGTAAACGGGAACCAAATCGTGAAGTAAATGCGGATTTGGTCCCCTTCAACCAGCCGTAGCA

Consensus

TTTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (23)

TTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (21)

TTTGGTCCCCTTCAACCAGCC

Mature 3' sub (4)

TTTGGTCCCCTTCAACCAGCCG

Mature 3' sub (4)

TTGGTCCCCTTCAACCAGCC

Mature 3' sub (3)

TGGTCCCCTTCAACCAGCCGT

Mature 3' sub (1)

TGGTCCCCTTCAACCAGCC

Brain

20

40

60

80

miRNA

mir-133 (Strongylocentrotus purpuratus) TCCGGAAAATGTAGCGCTTTAGCTGGTAAACGGGAACCAAATCGTGAAGTAAATGCGGATTTGGTCCCCTTCAACCAGCCGTAGCA

Consensus

TTTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (11)

TTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (7)

TTTGGTCCCCTTCAACCAGCC

Mature 3' sub (5)

TGGTCCCCTTCAACCAGCCGT

Mature 3' sub (3)

TTTGGTCCCCTTCAACCAGCCG

Mature 3' (3)

TTTGGTCCCCTTCAACCAGCCGT

Intestine

20
|40
|60
|80
|

miRNA



mir-133 (*Strongylocentrotus purpuratus*) TCCGGAAAATGTAGCGCTTTAGCTGGTAAACGGGAACCAAATCGTGAAGTAAATGCGGATTTGGTCCCCTTCAACCAGCCGTAGCA

Consensus

TTTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (14)

TTGGTCCCCTTCAACCAGCCGT

Mature 3' sub (3)

TTTGGTCCCCTTCAACCAGCCG

Mature 3' sub (3)

TTGGTCCCCTTCAACCAGCCG

Mature 3' sub (3)

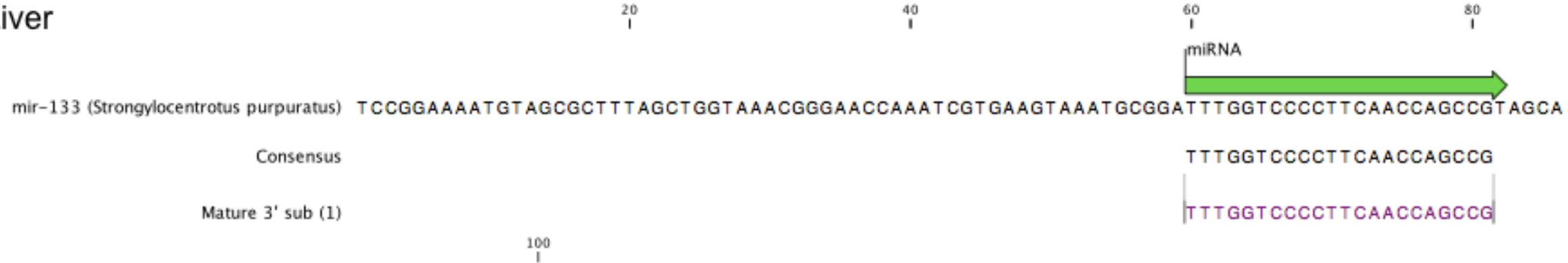
TGGTCCCCTTCAACCAGCCGT

Mature 3' sub (2)

TTGGTCCCCTTCAACCAGCC

100
|

Liver



Ovaries

