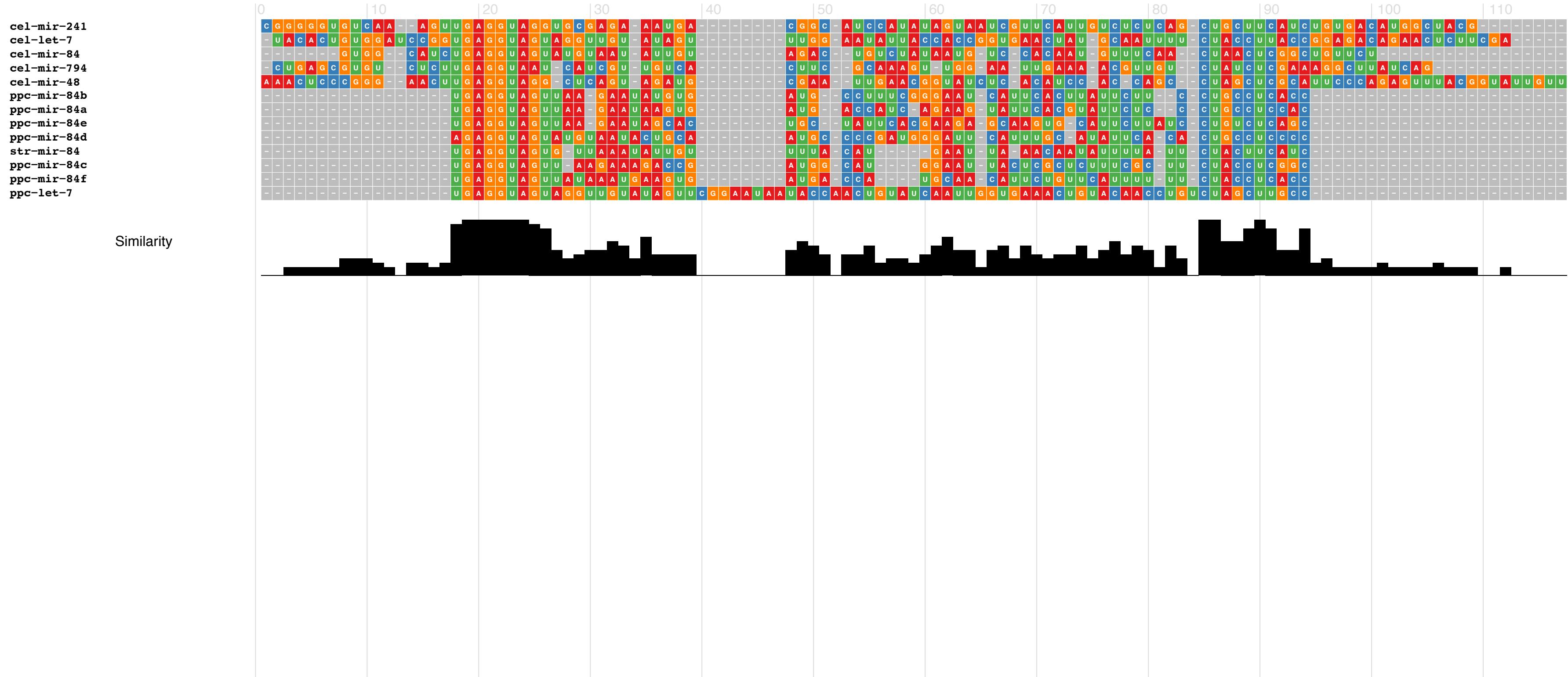
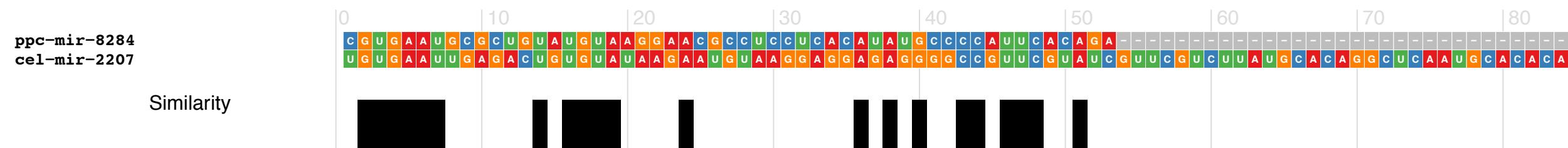


# miRNA family 1

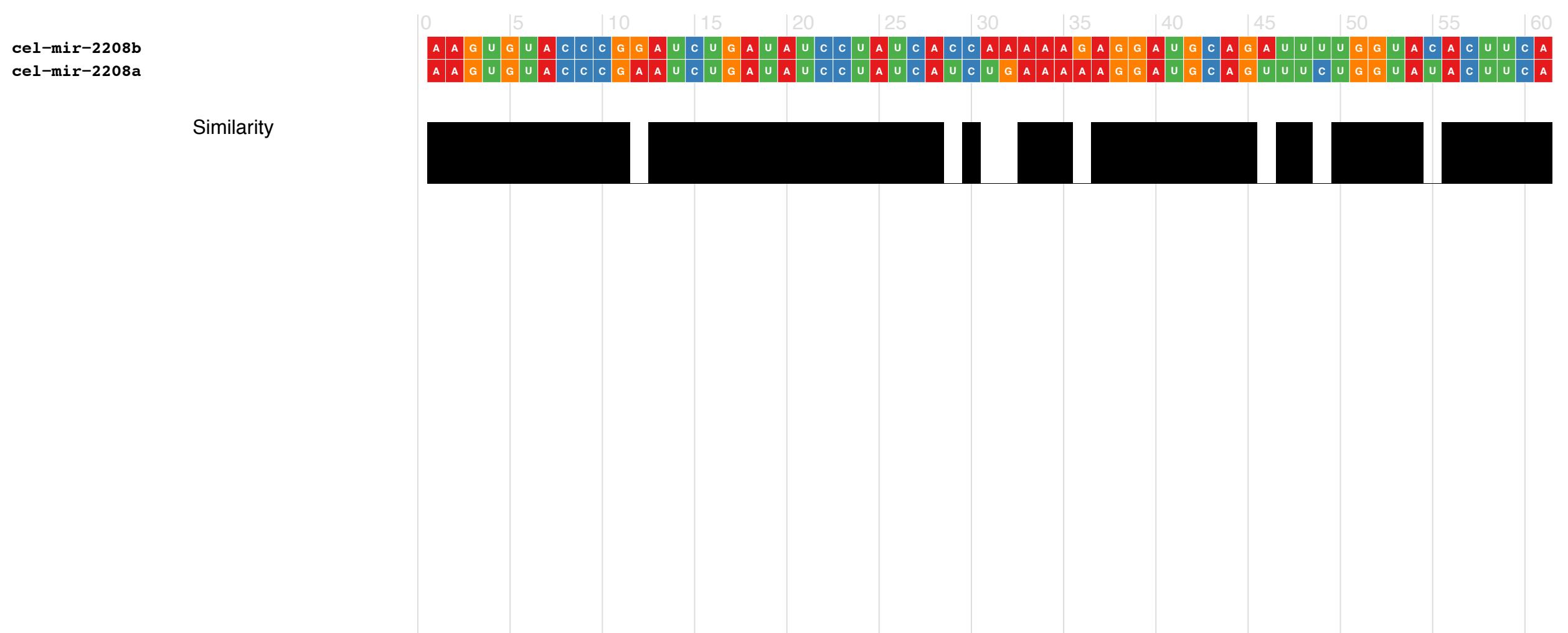


# miRNA family 10



■ A ■ U ■ G ■ C ■ -

# miRNA family 11



■ A ■ U ■ G ■ C

# miRNA family 12

cel-mir-2217b-3-1  
cel-mir-2217b-3-2  
cel-mir-2217

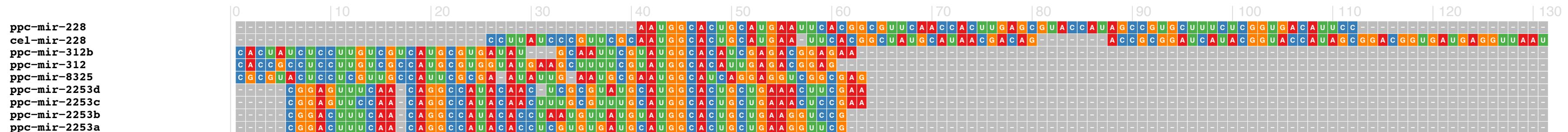
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C	A	G	A	G	U	G	G	G	C	A	G	U	C	G	G	U	G	U	C	A	A	U	C	U	G	C	A	A	C	A	A	U	A	G	C	A	G	G	U	U	G	A	C	C	C	U	U	G	U	G	C	U	U	U	C	G	G	C
C	A	G	A	G	U	G	G	G	C	A	G	U	C	G	G	U	G	U	C	G	A	U	C	U	A	C	A	U	C	A	U	C	U	G	C	A	G	G	U	C	G	A	C	C	C	U	U	G	U	G	C	U	U	U	C	G	G	U

Similarity

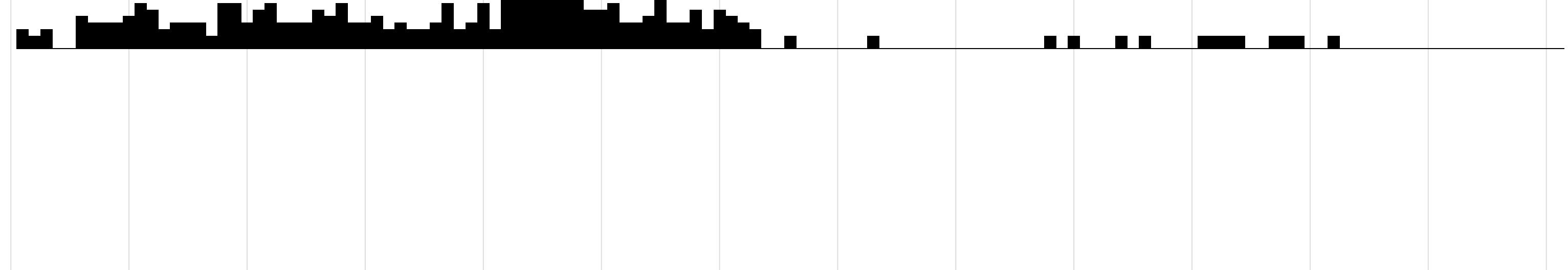


■ A ■ U ■ G ■ C

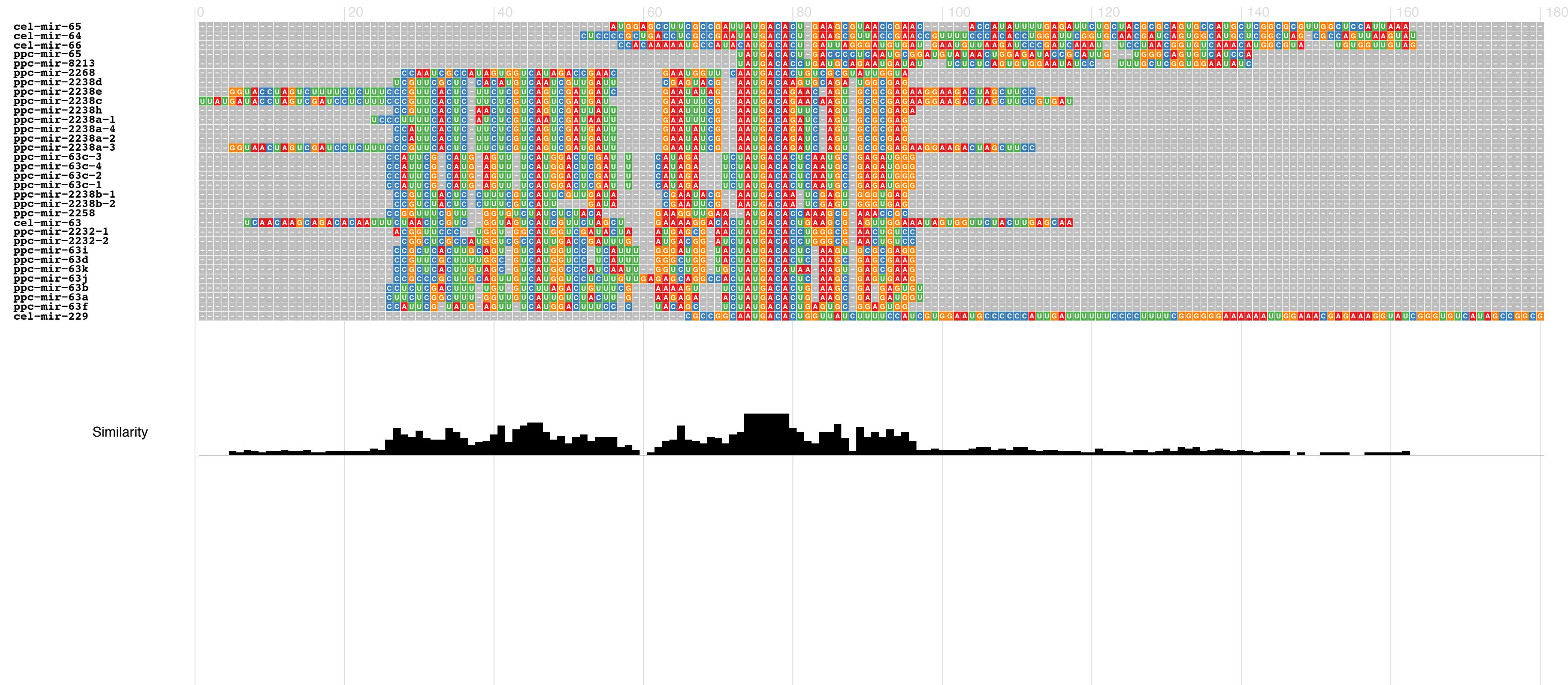
# miRNA family 13



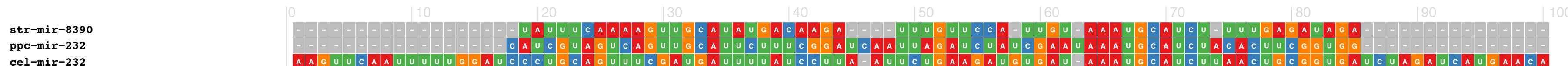
Similarity



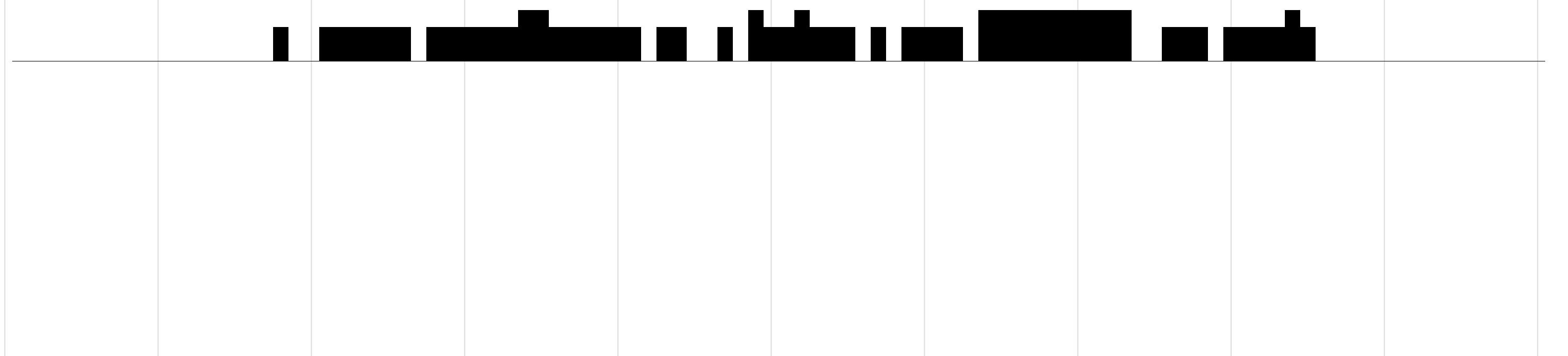
# miRNA family 14



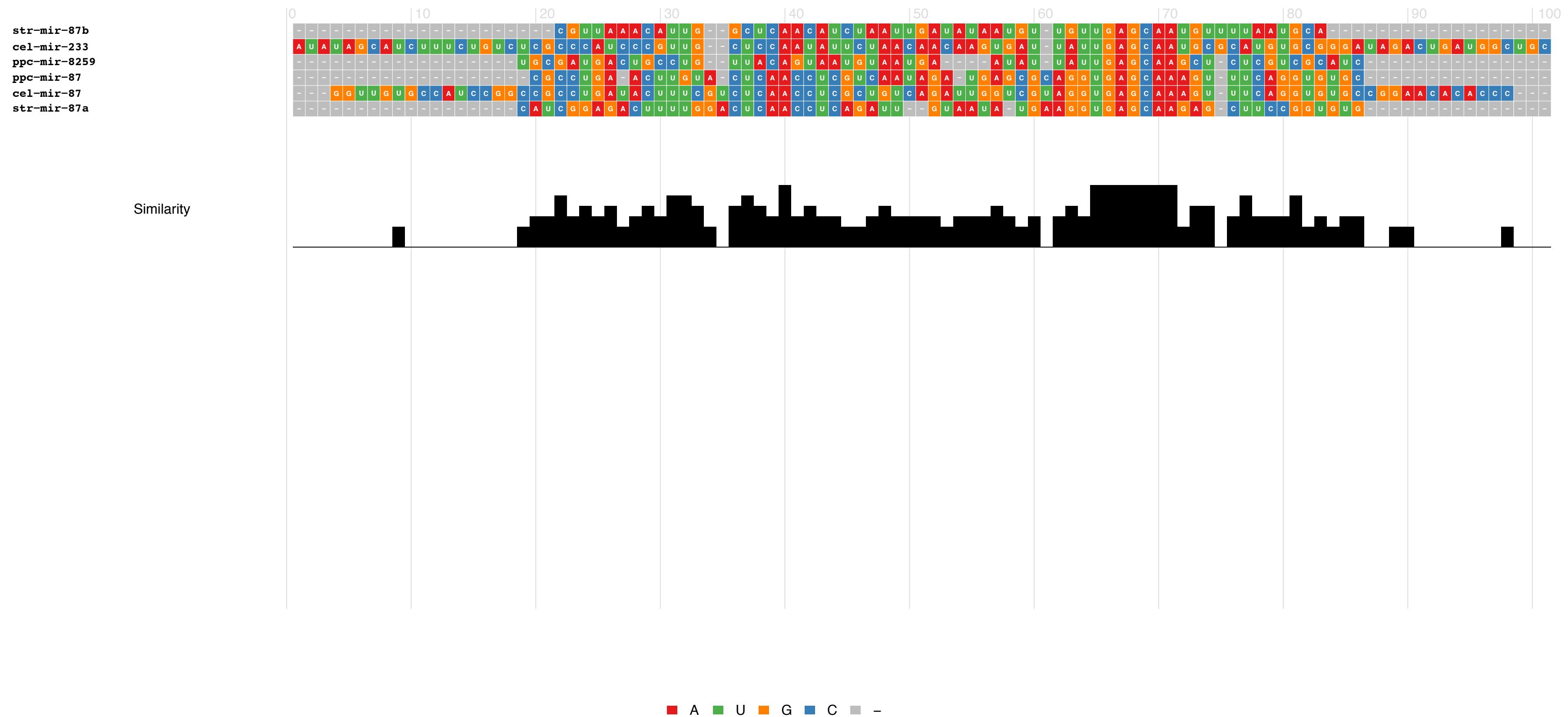
# miRNA family 15



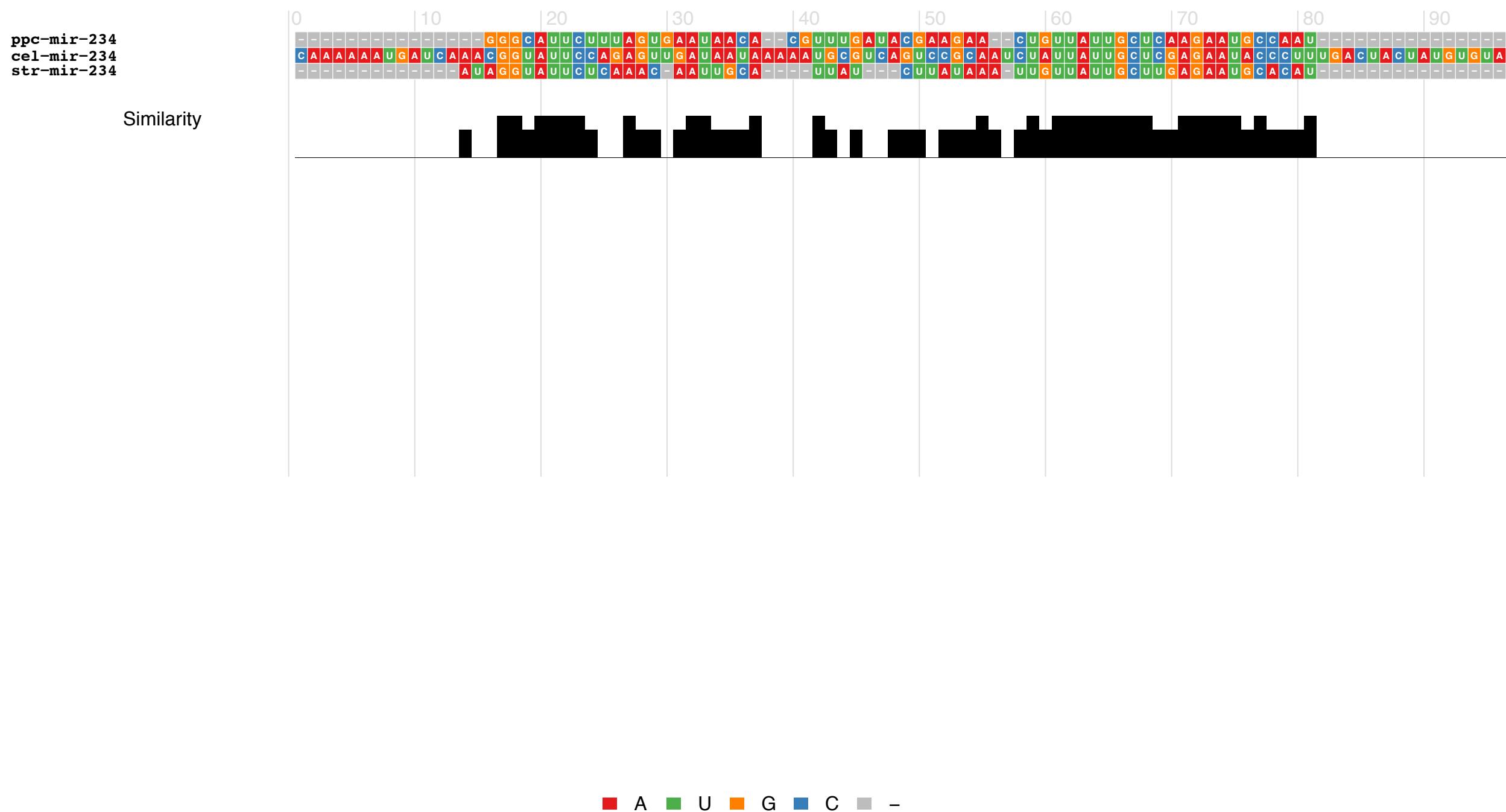
Similarity



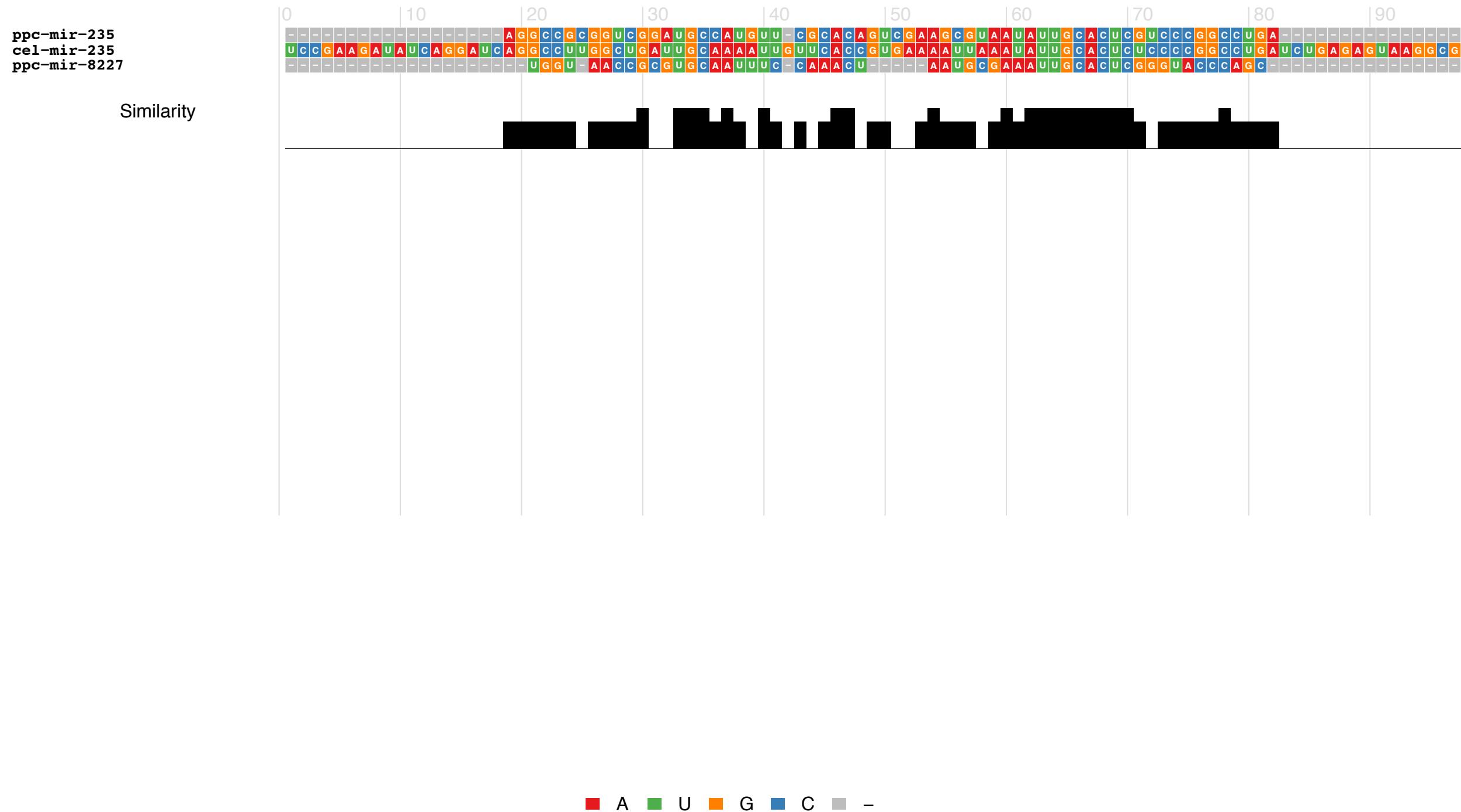
# miRNA family 16



# miRNA family 17

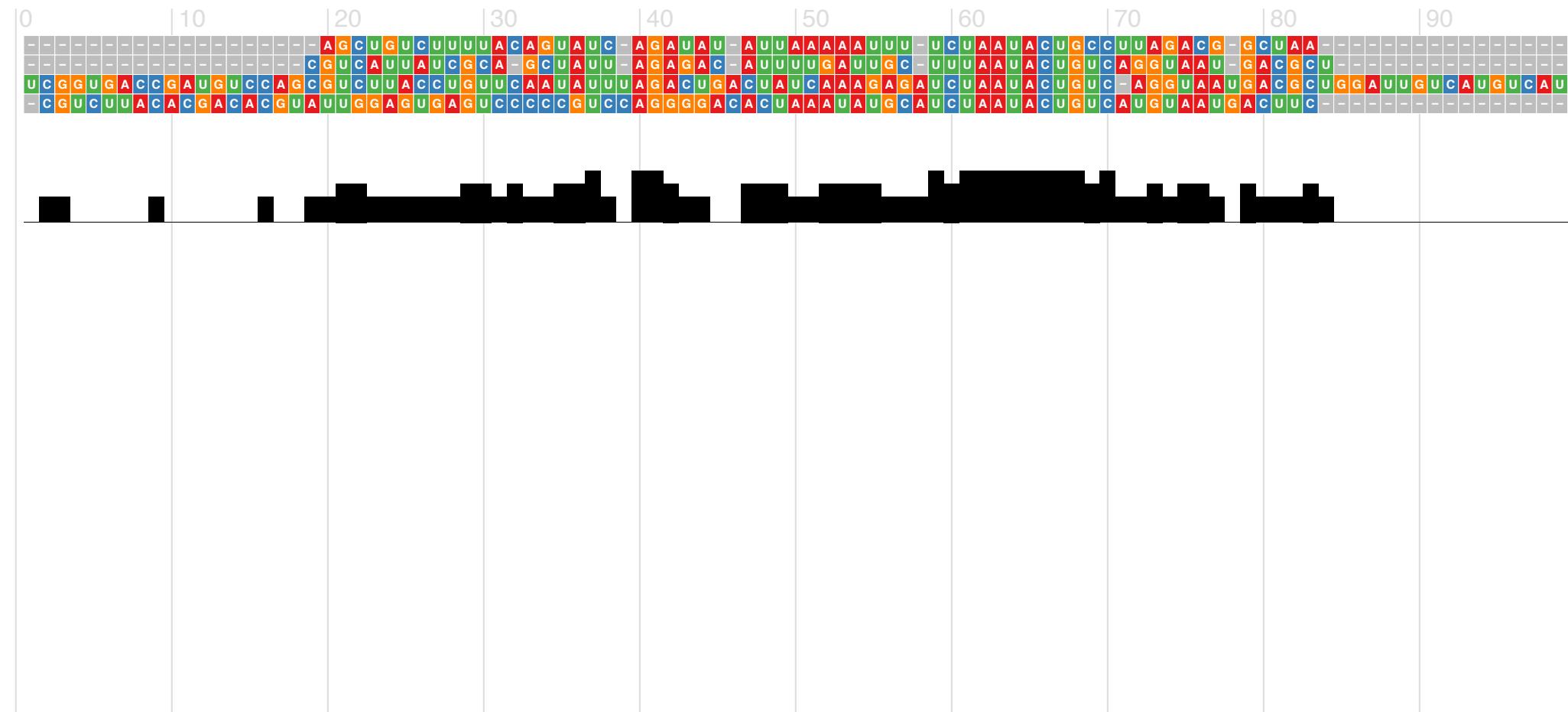


# miRNA family 18



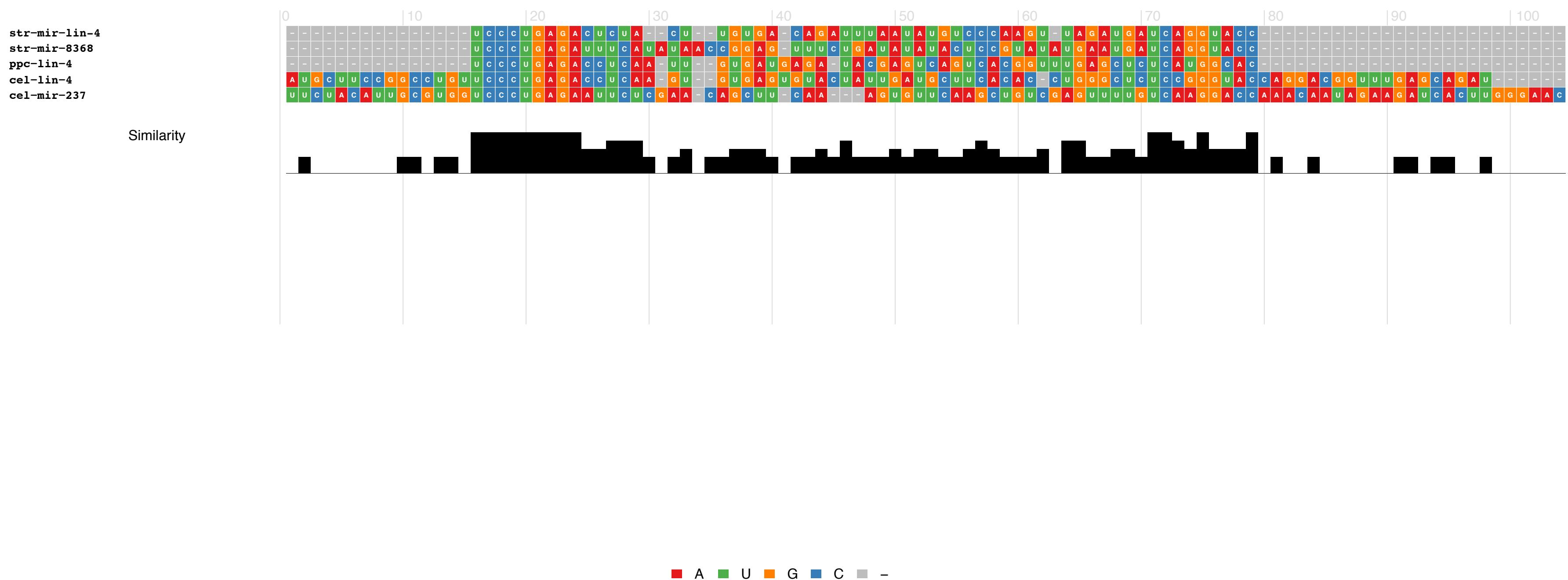
# miRNA family 19

str-mir-8379a  
str-mir-236  
cel-mir-236  
ppc-mir-236

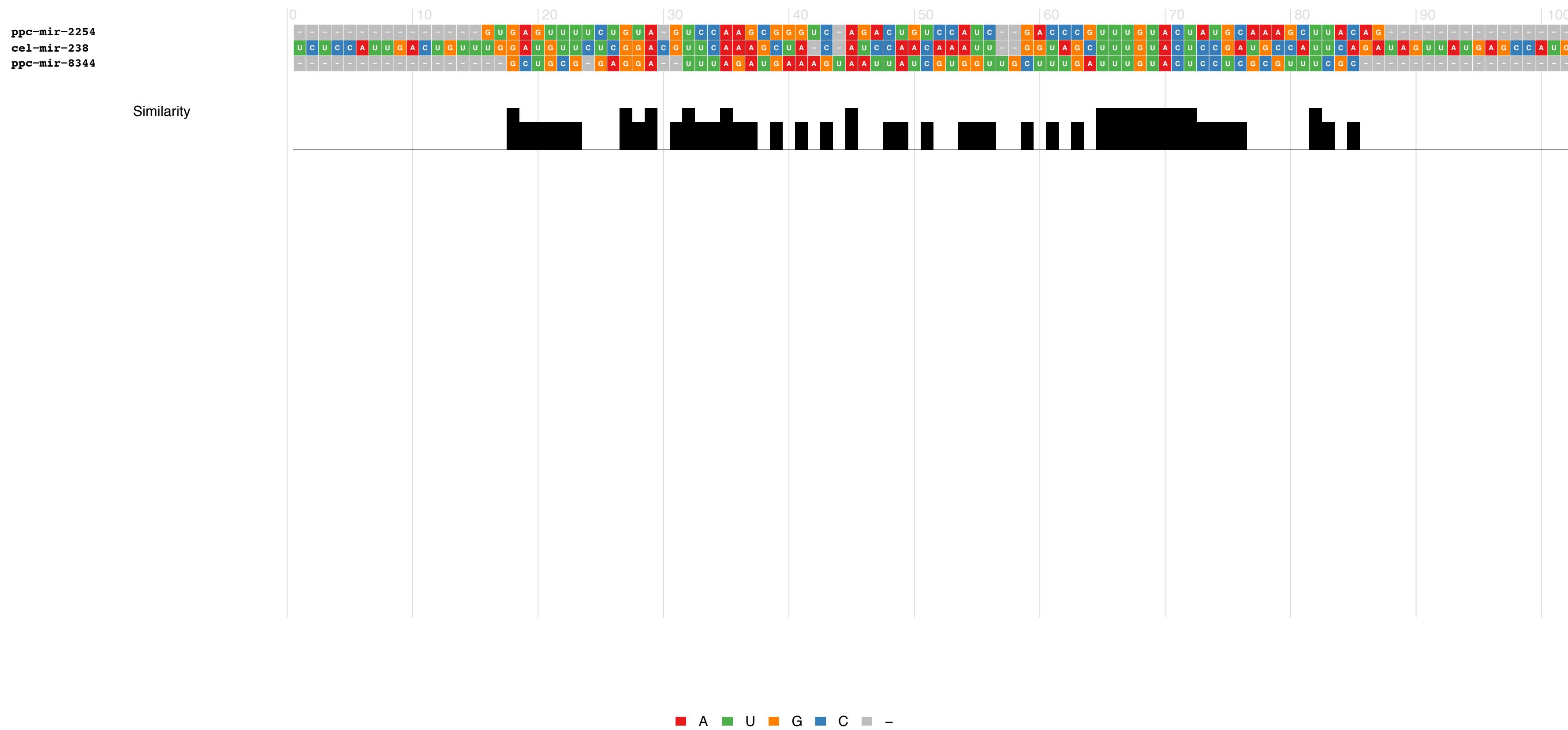


■ A ■ U ■ G ■ C ■ —

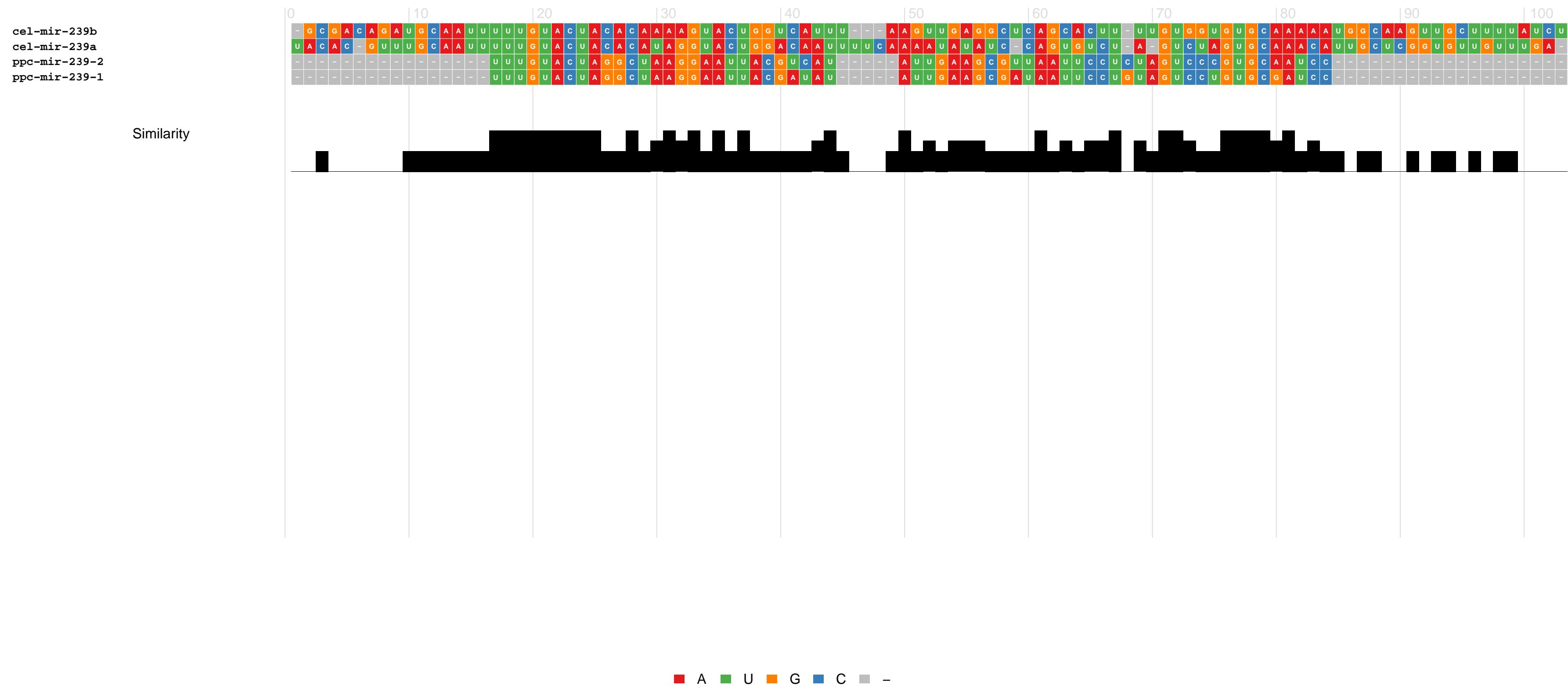
# miRNA family 2



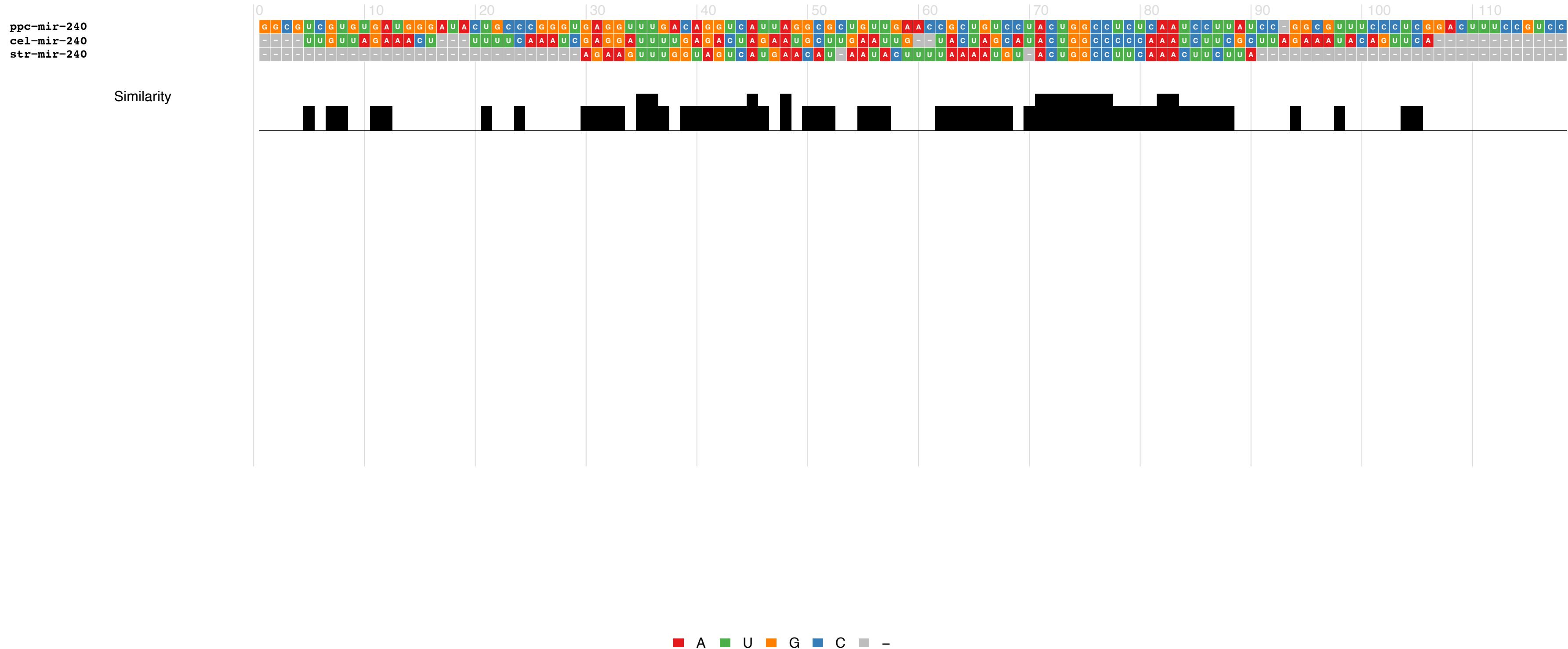
# miRNA family 20



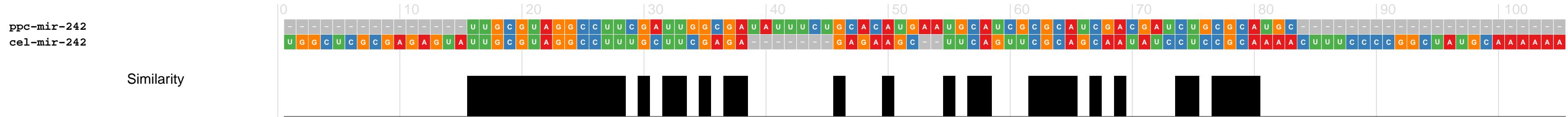
# miRNA family 21



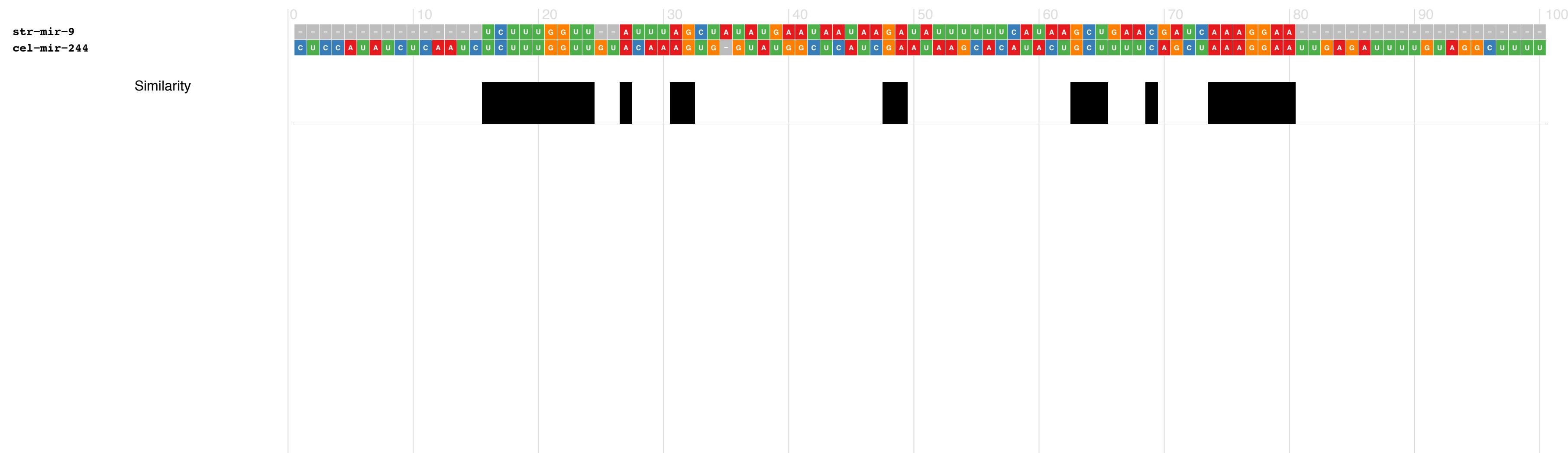
# miRNA family 22



# miRNA family 23

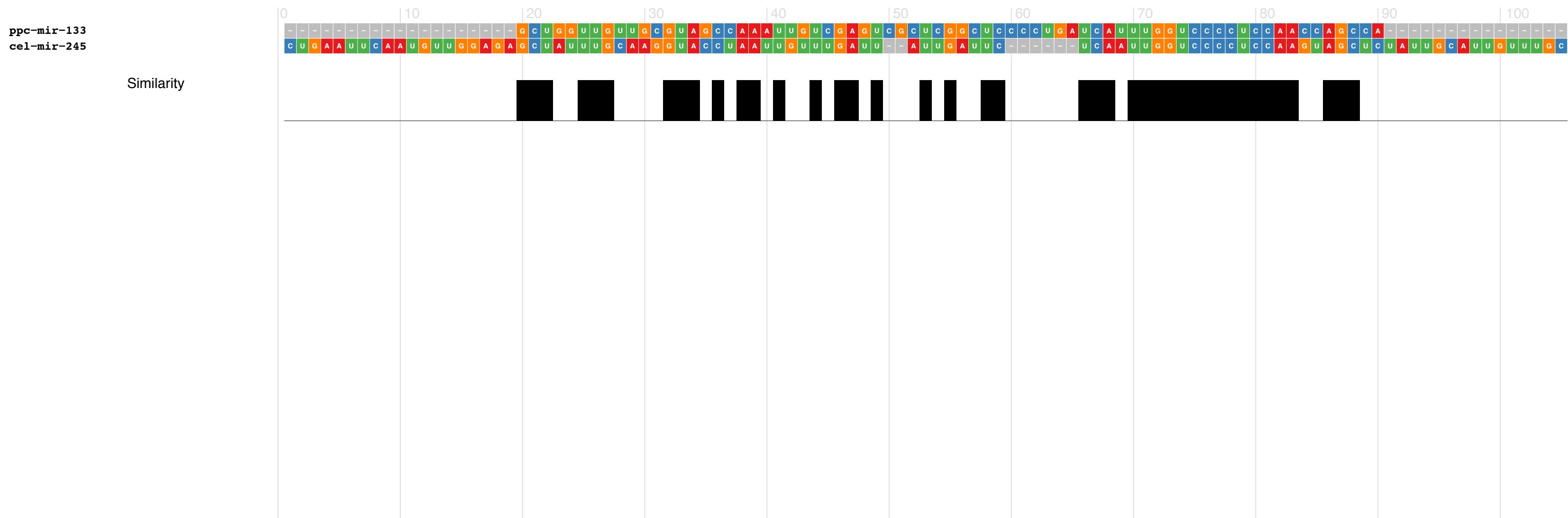


# miRNA family 24



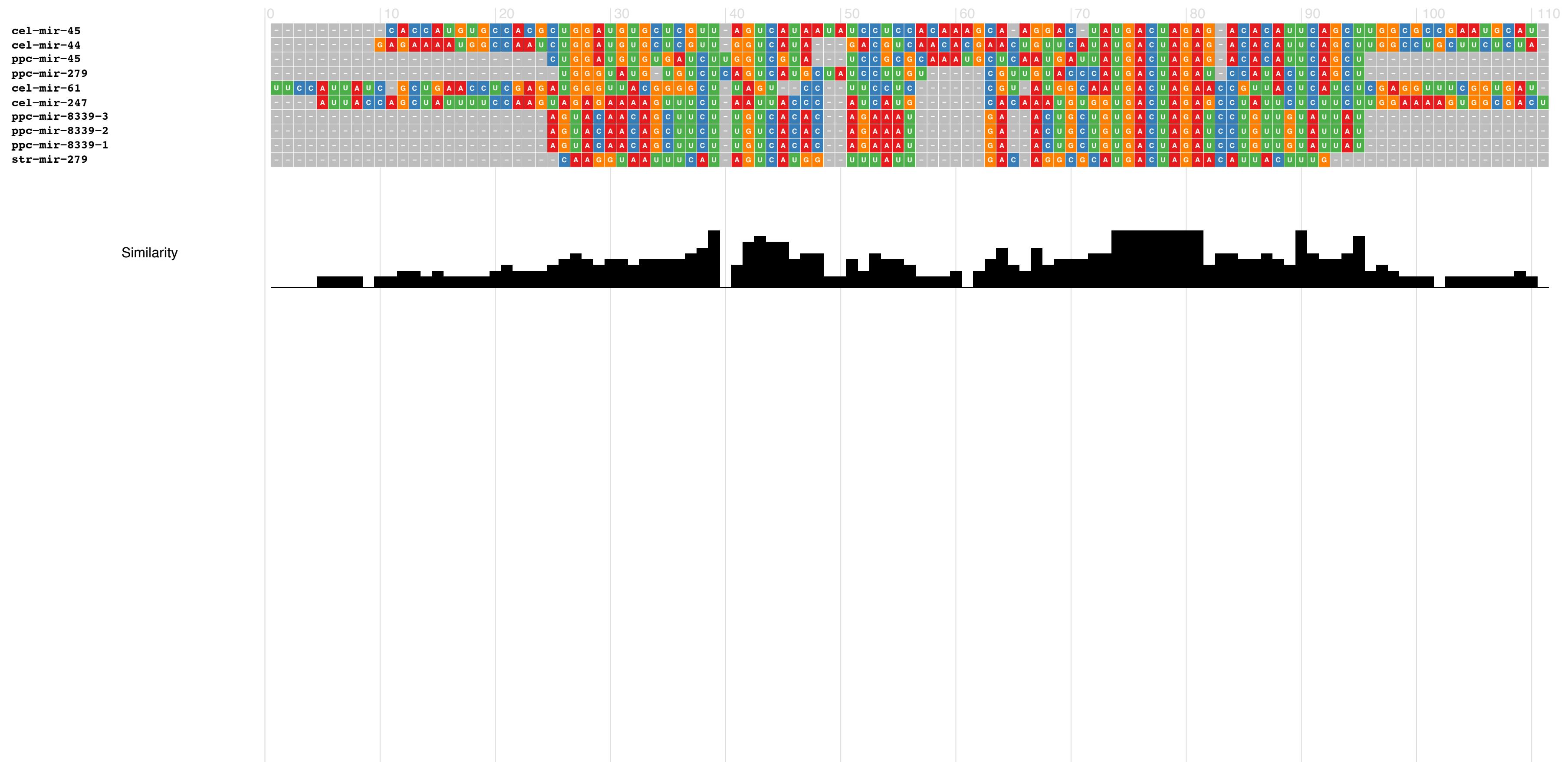
■ A ■ U ■ G ■ C ■ -

# miRNA family 25

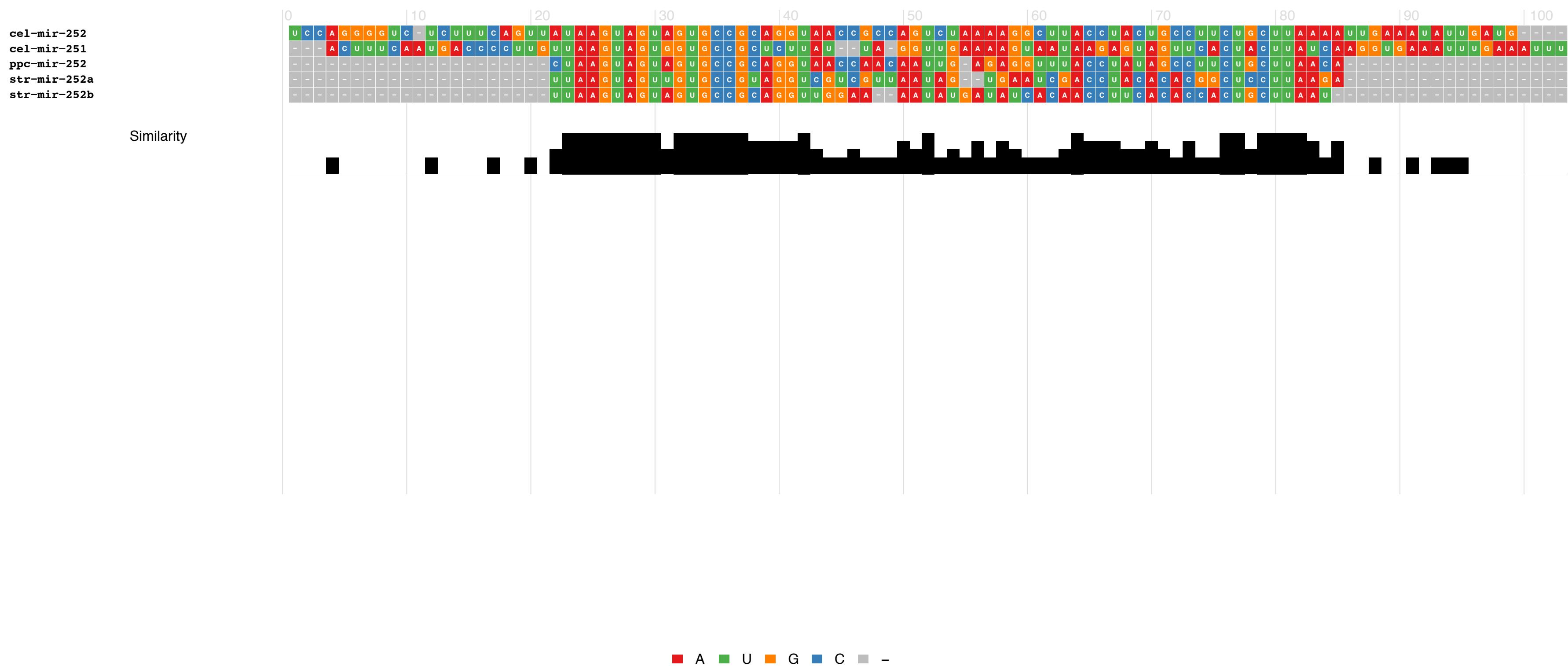


■ A ■ U ■ G ■ C ■ -

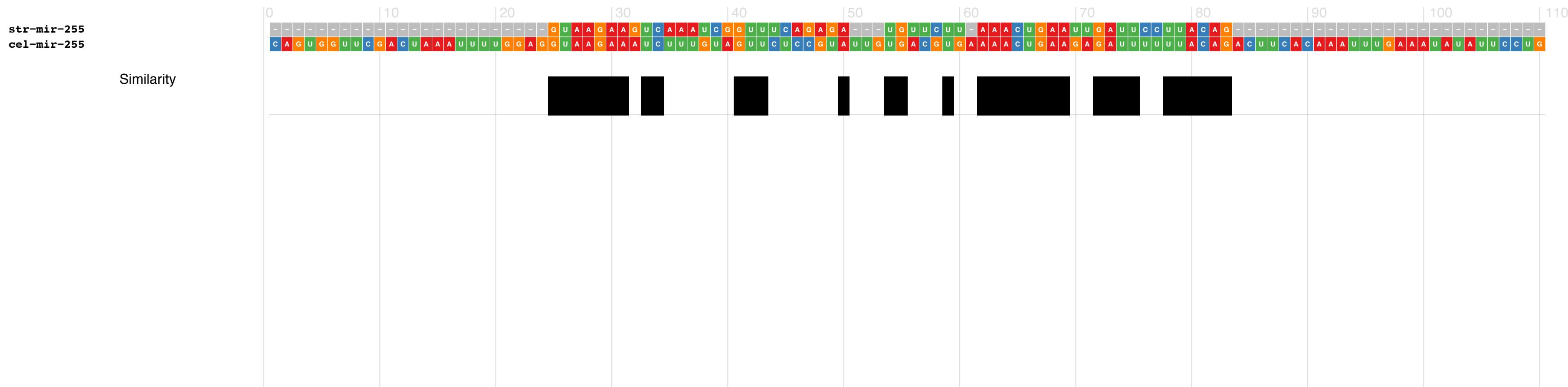
# miRNA family 26



# miRNA family 27

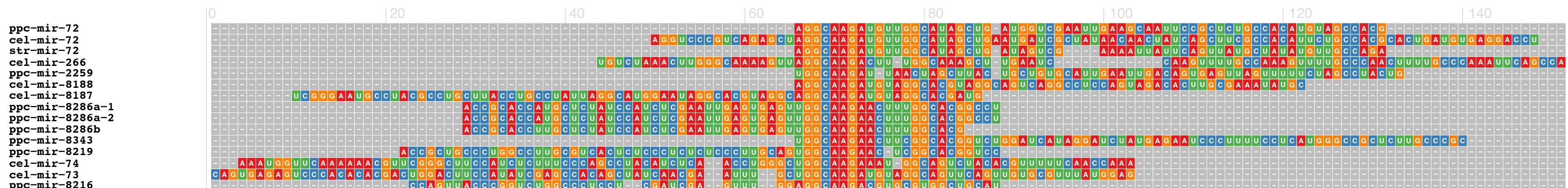


# miRNA family 28

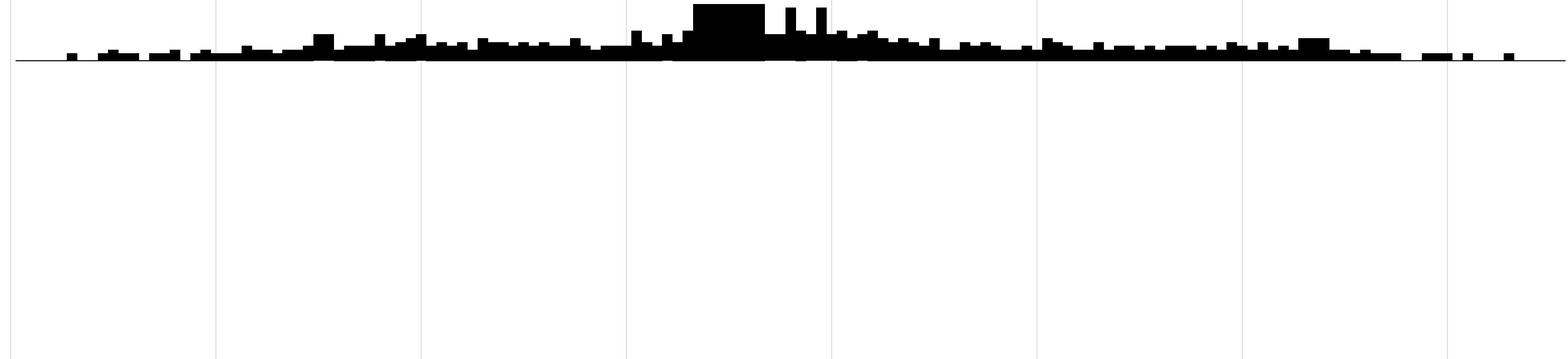


■ A ■ U ■ G ■ C ■ -

# miRNA family 29



Similarity



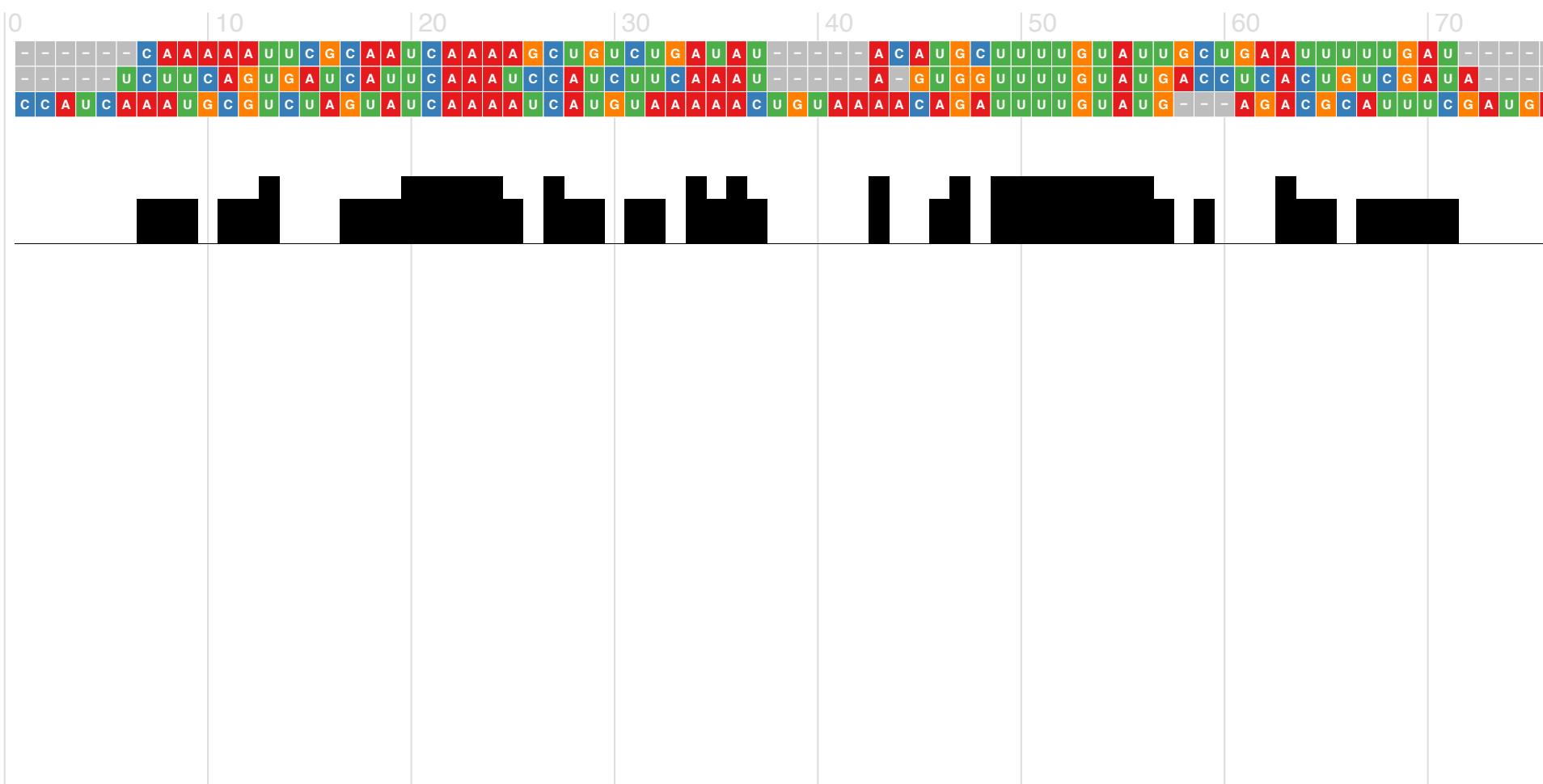
# miRNA family 3

**str-mir-8381**  
**ppc-mir-8345**  
**cel-lsy-6**



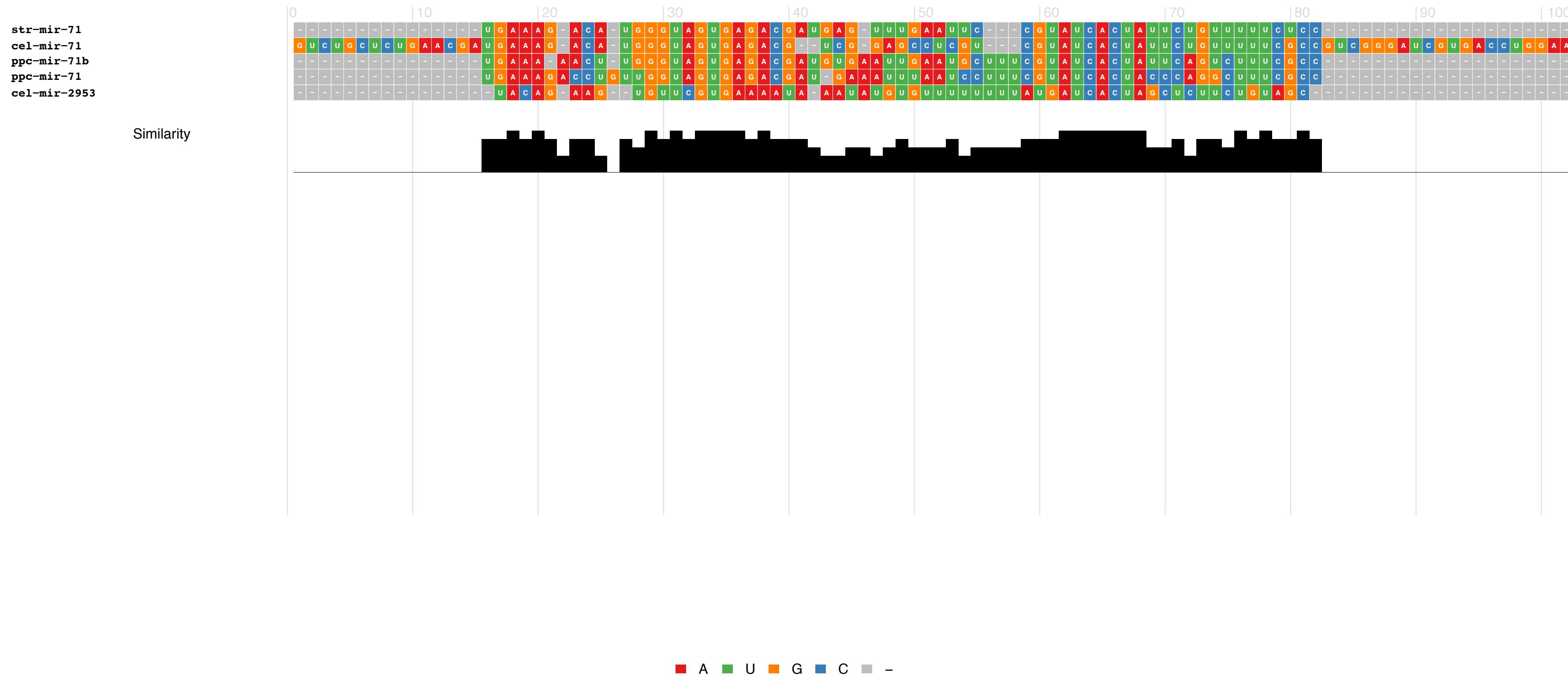
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-	-	-	-	-	U	C	U	U	C	A	G	U	G	A	U	C	A	U	C	A	A	U	C	C	A	U	C	U	U	C	A	A	A	U	-	-	-	A	-	G	U	G	G	U	U	U	U	G	U	A	U	G	A	R	C	C	U	C	A	U	G	C	A	U	U	U	U	G	A	-	-	-	-	-	-	
C	C	A	U	C	A	A	A	U	G	C	G	U	C	U	A	G	U	C	A	A	A	U	C	A	U	G	U	A	A	A	A	A	C	U	G	U	A	A	A	A	C	A	G	A	U	U	U	U	G	U	A	U	G	-	-	A	G	A	C	G	C	A	U	U	C	G	A	U	G	A	-	-	-	-	-	-

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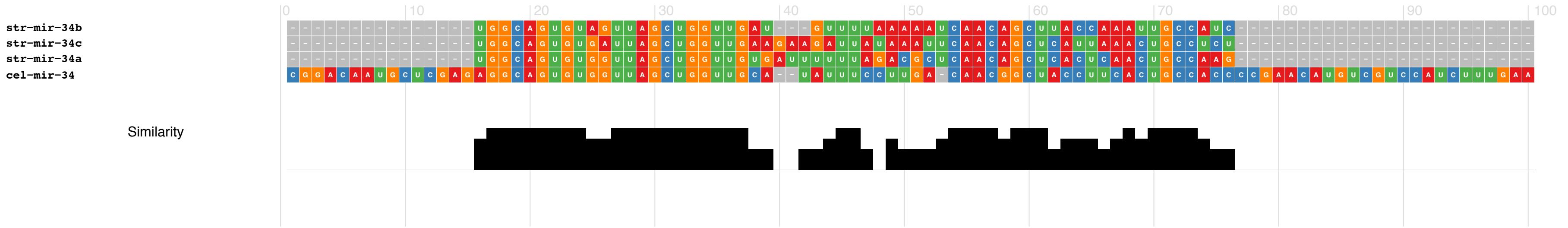


■ A ■ U ■ G ■ C ■ -

# miRNA family 30

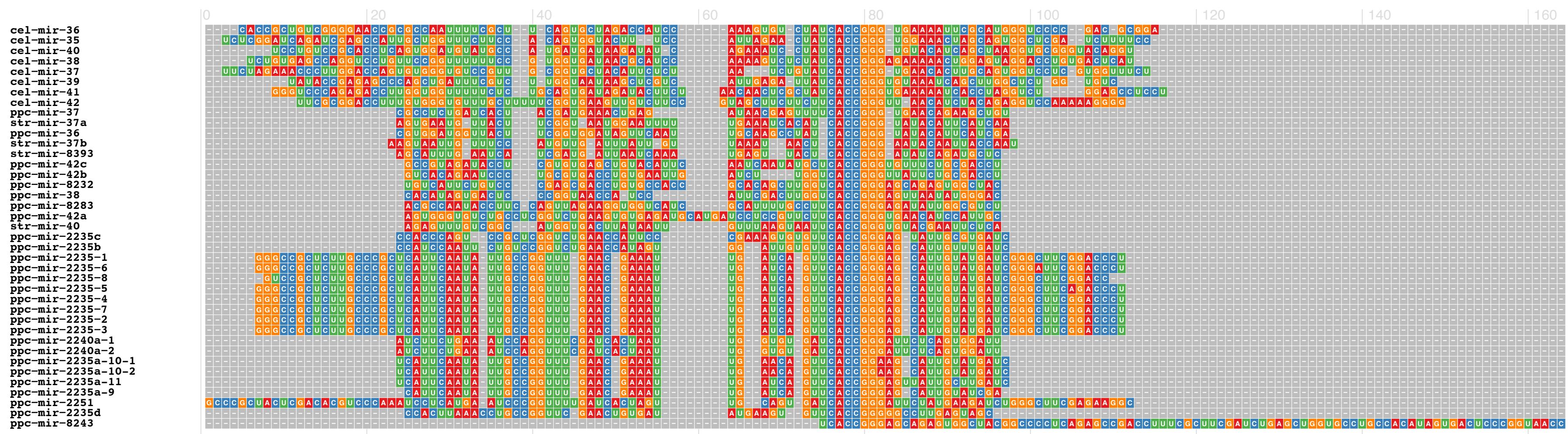


# miRNA family 31



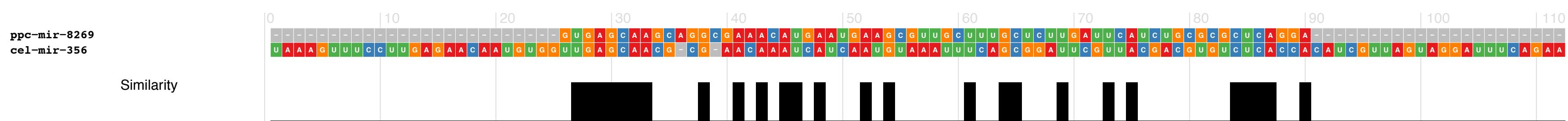
■ A ■ U ■ G ■ C ■ -

# miRNA family 32



Similarity

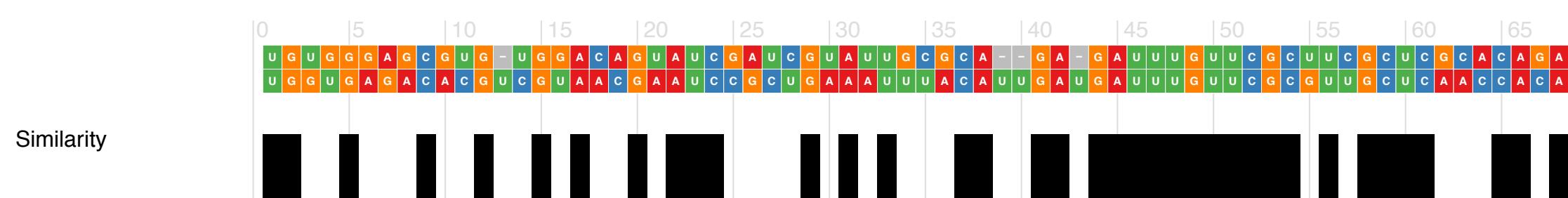
# miRNA family 33



■ A ■ U ■ G ■ C ■ -

# miRNA family 34

**ppc-mir-8240**  
**cel-mir-356b**



■ A ■ U ■ G ■ C ■ -

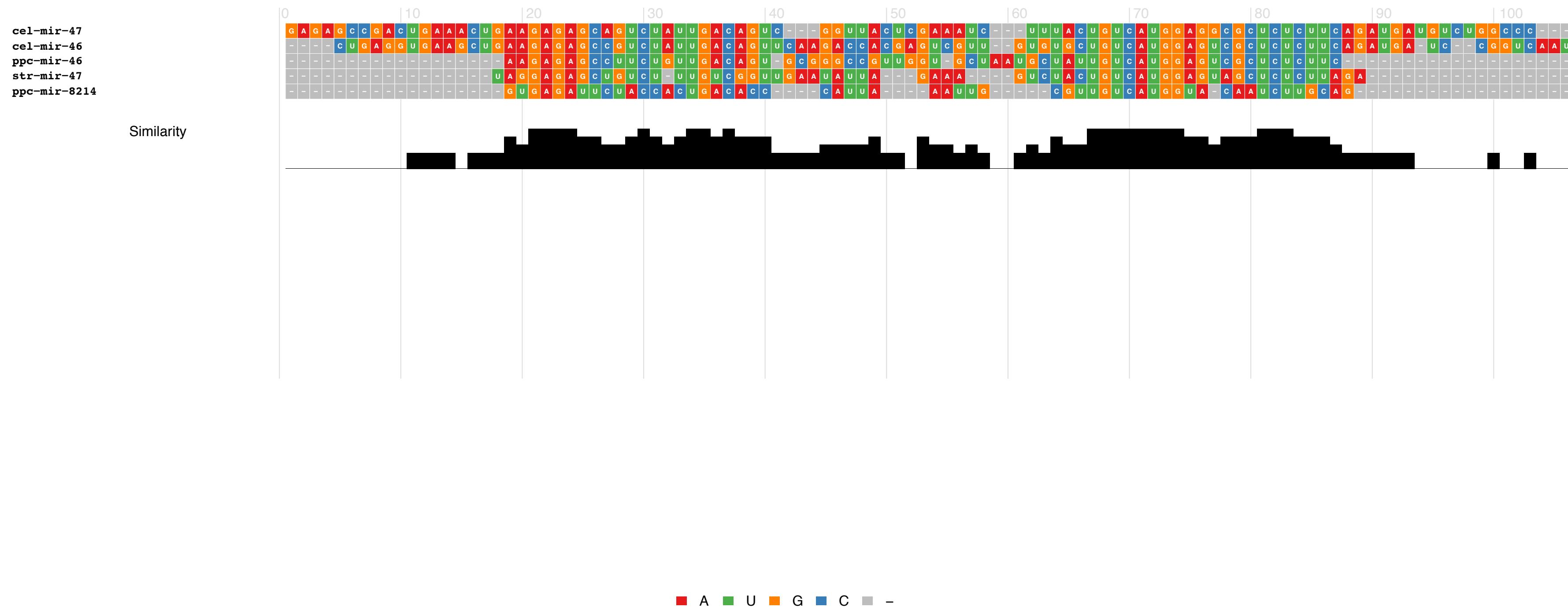
# miRNA family 35

ppc-mir-360  
cel-mir-360  
str-mir-360

Similarity



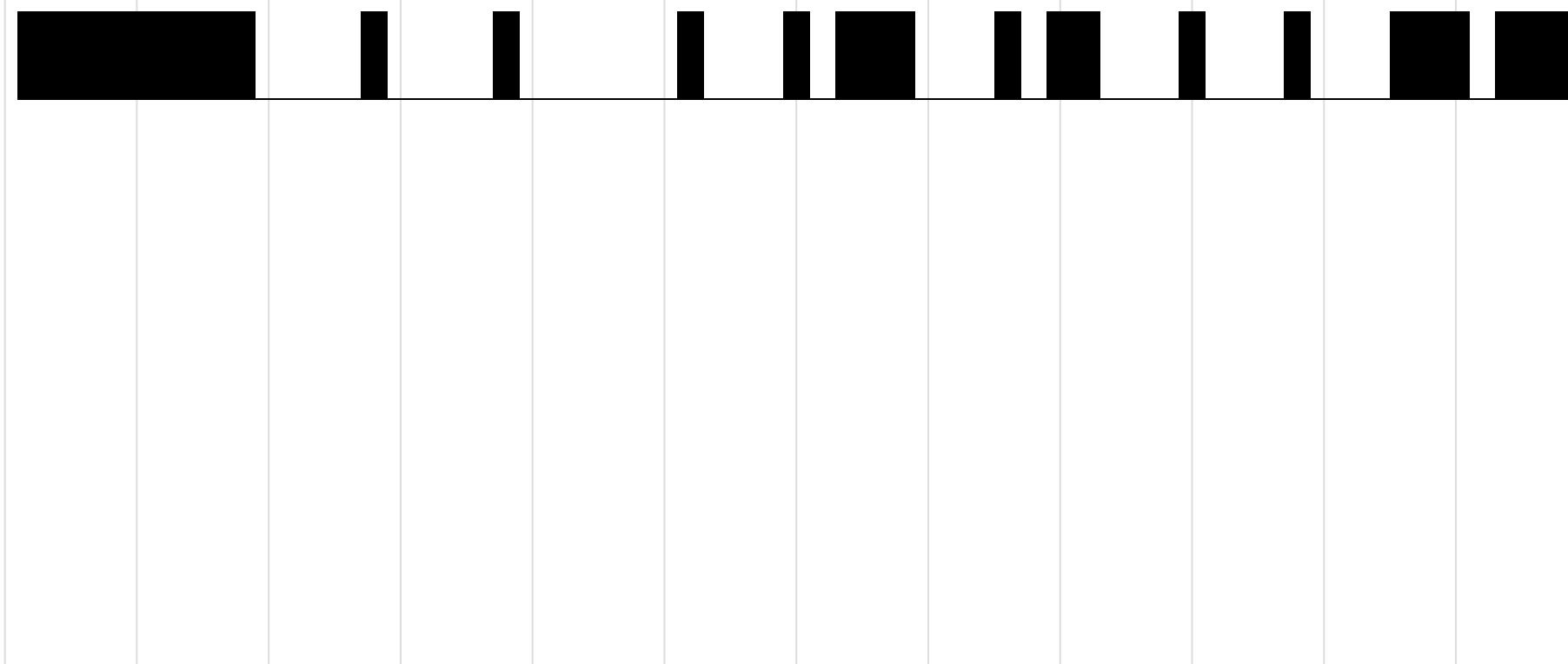
# miRNA family 36



# miRNA family 37

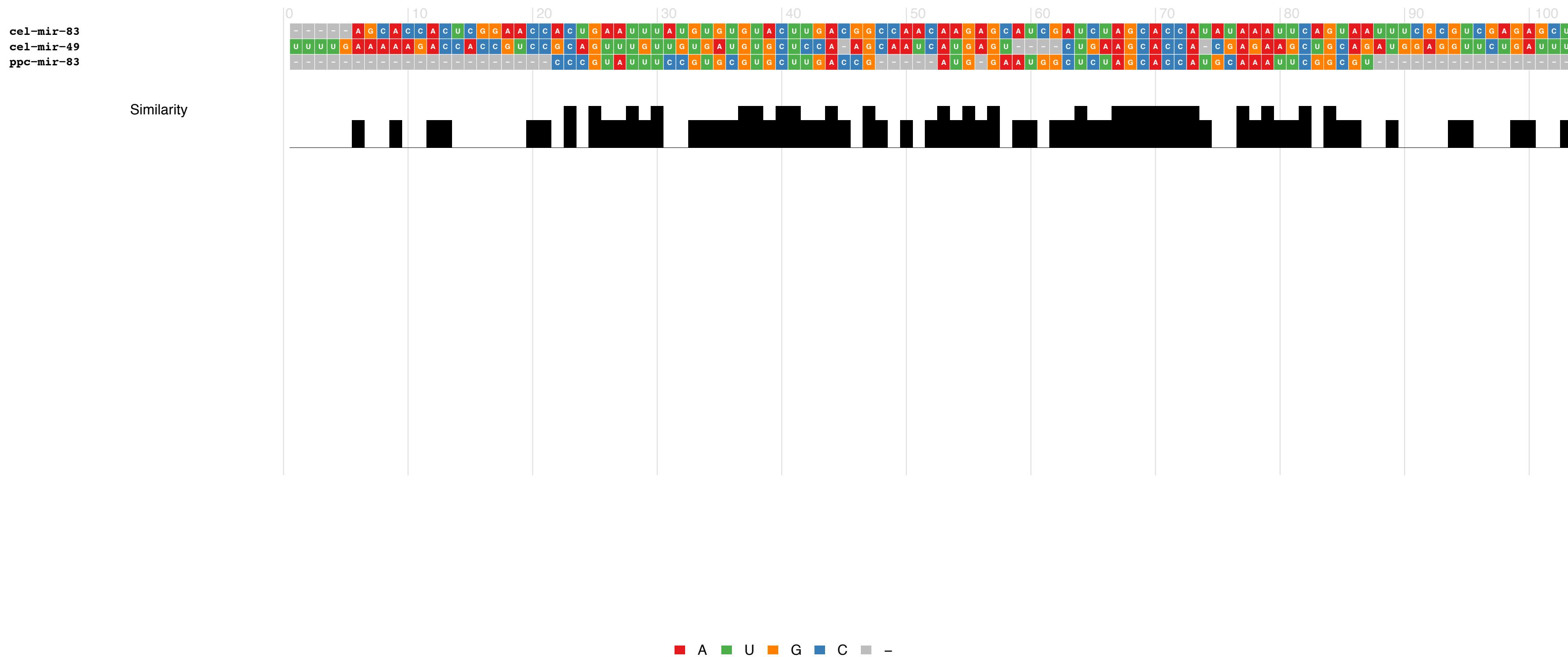


Similarity

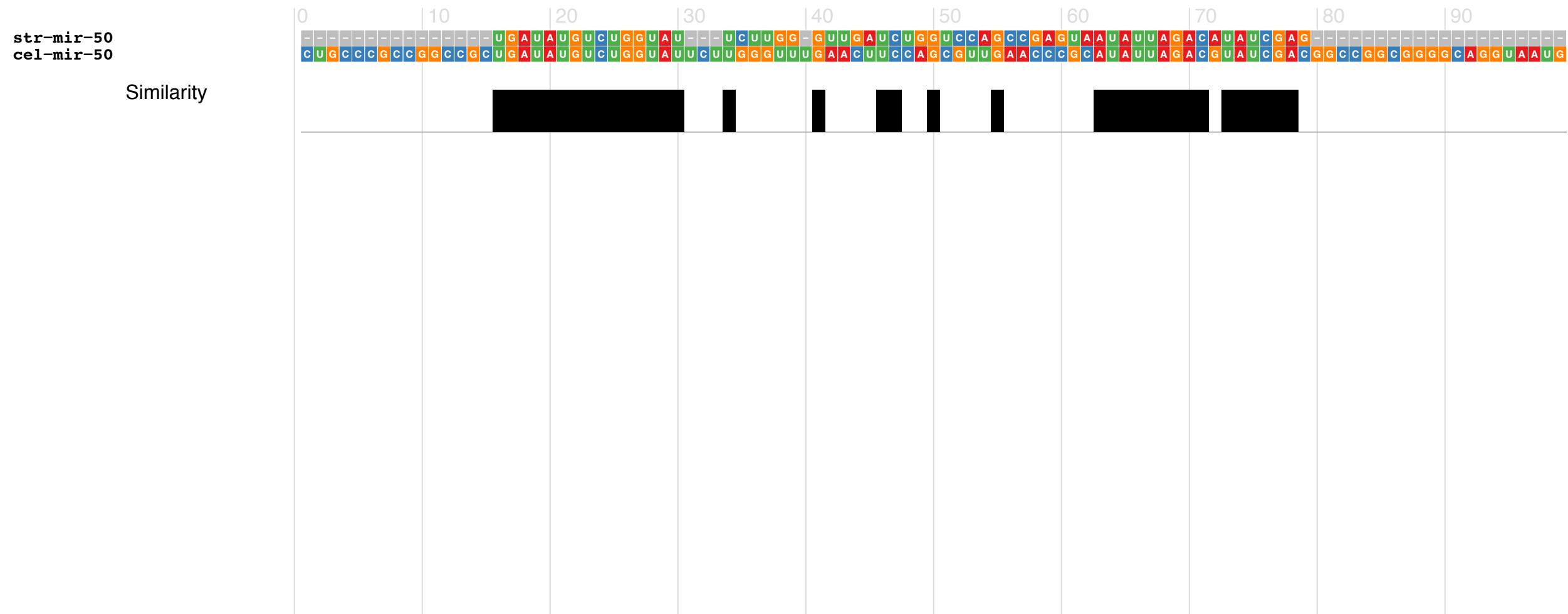


■ A ■ U ■ G ■ C ■ -

# miRNA family 38

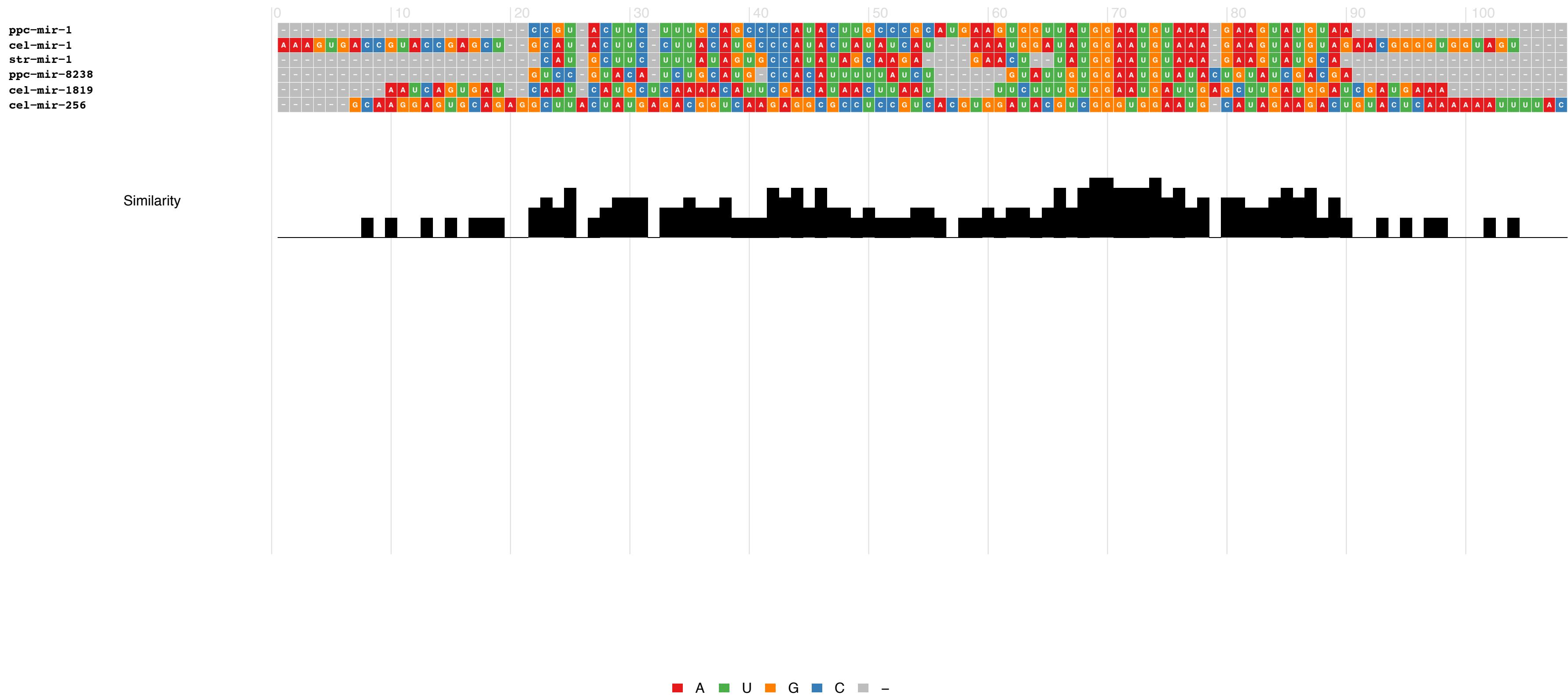


# miRNA family 39

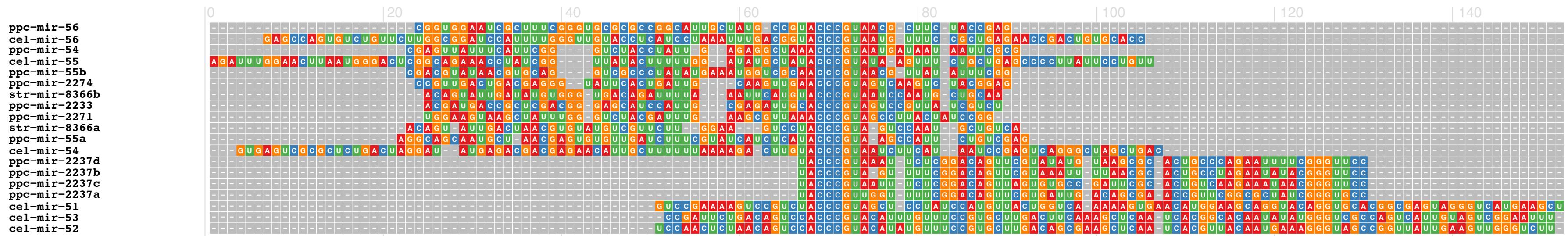


■ A ■ U ■ G ■ C ■ -

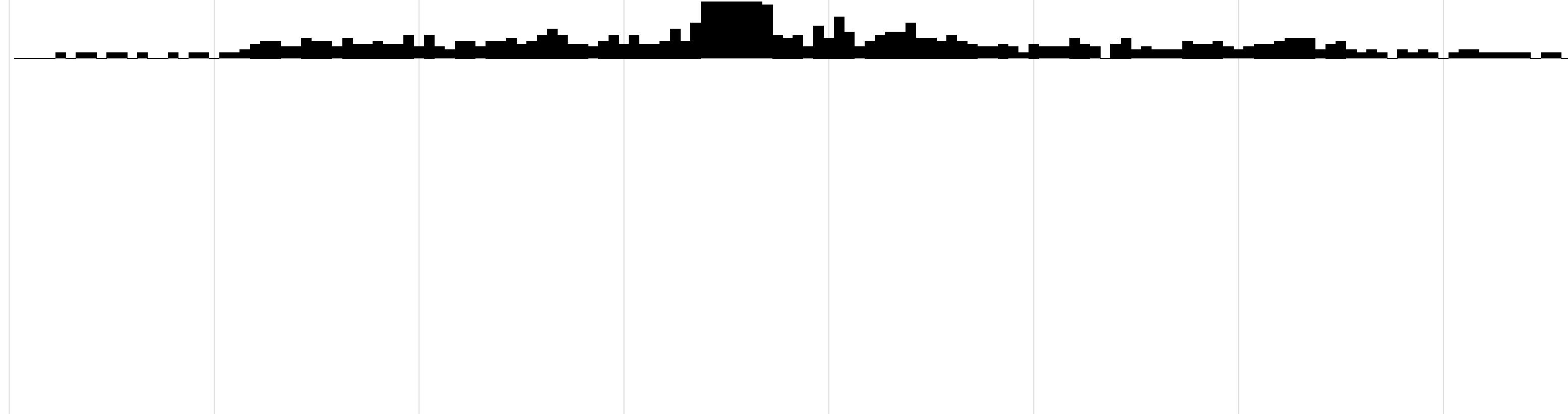
# miRNA family 4



# miRNA family 40



Similarity

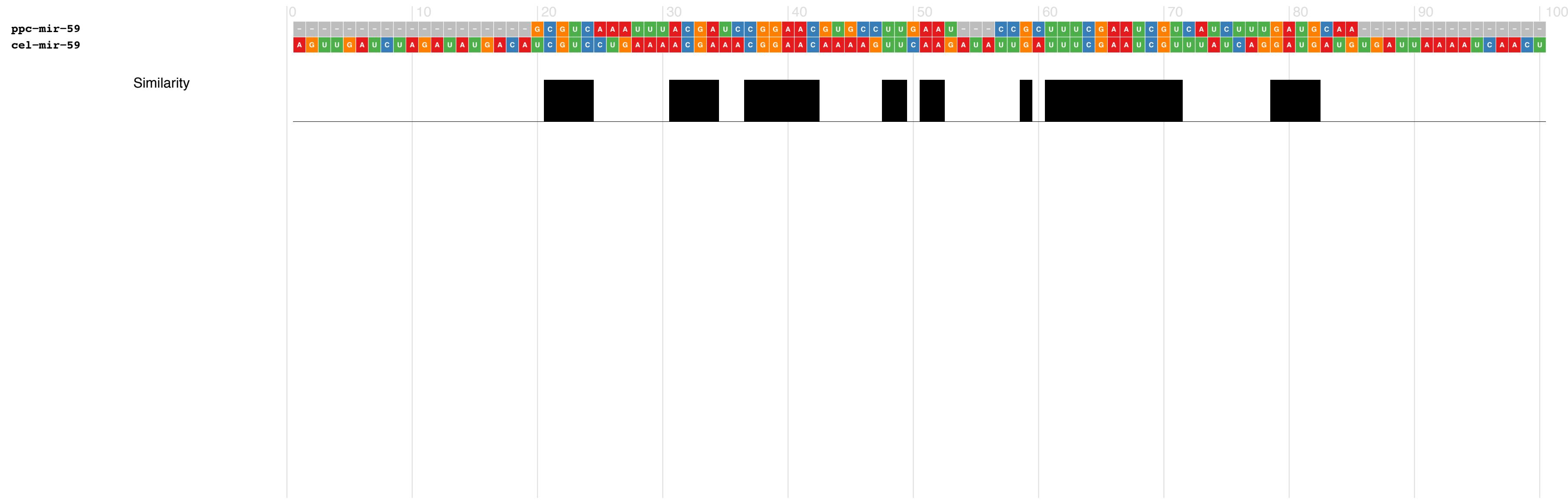


# miRNA family 41



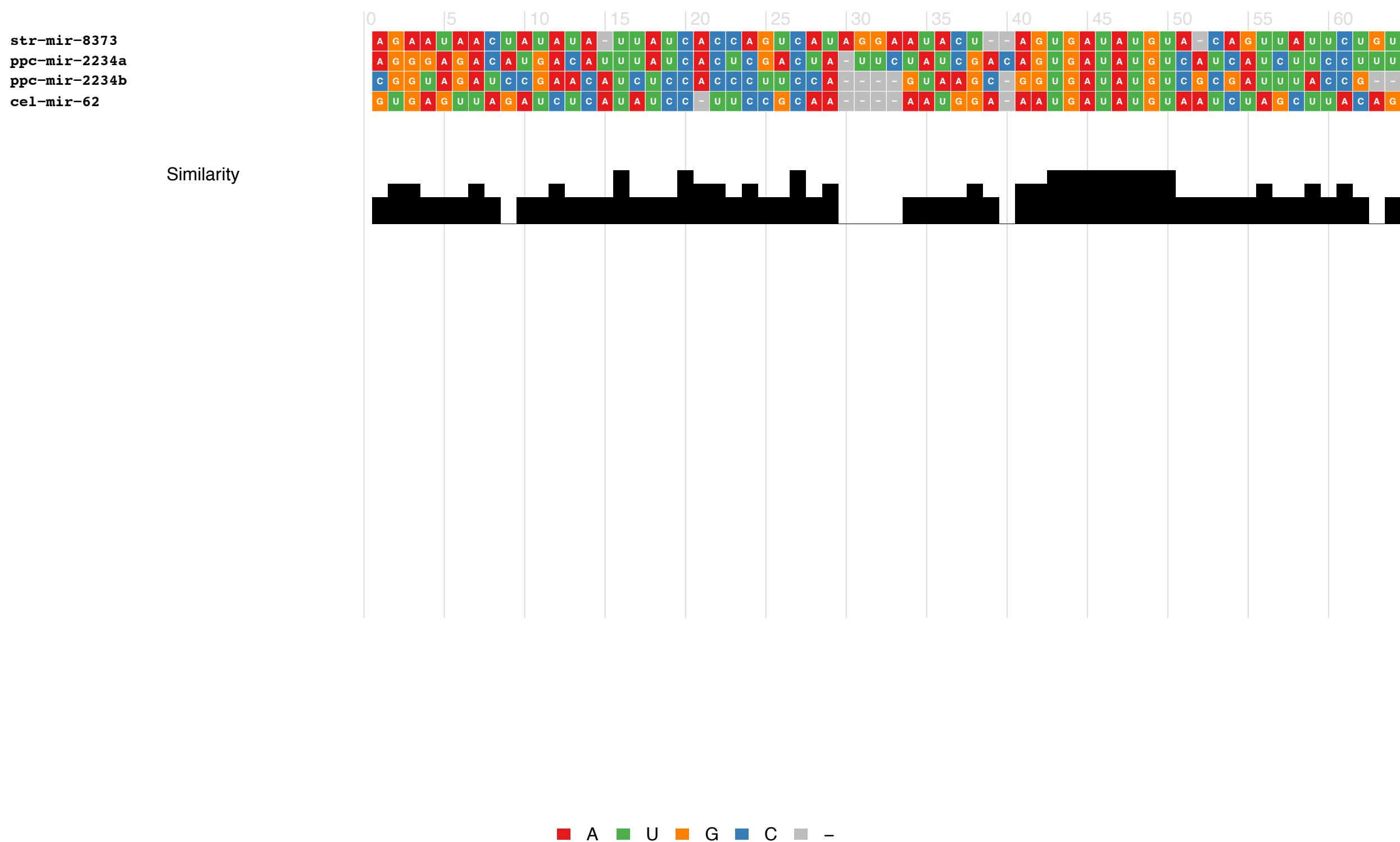
Similarity

# miRNA family 42

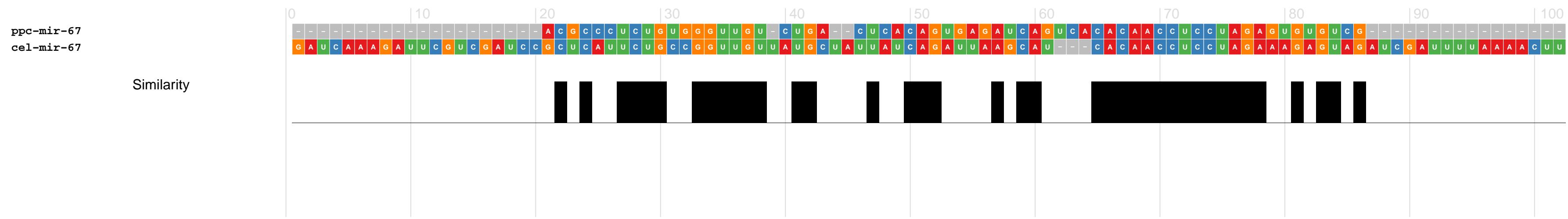


■ A ■ U ■ G ■ C ■ -

# miRNA family 43

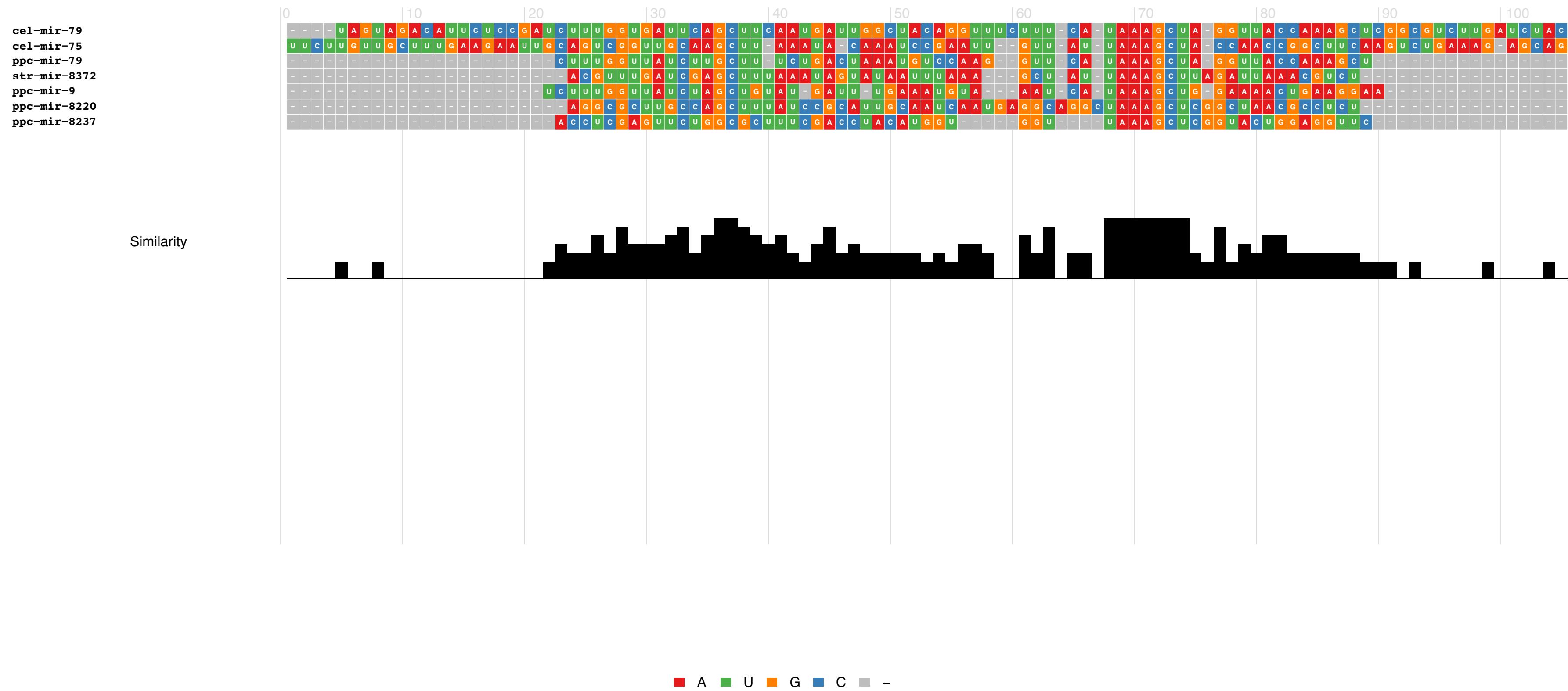


# miRNA family 44

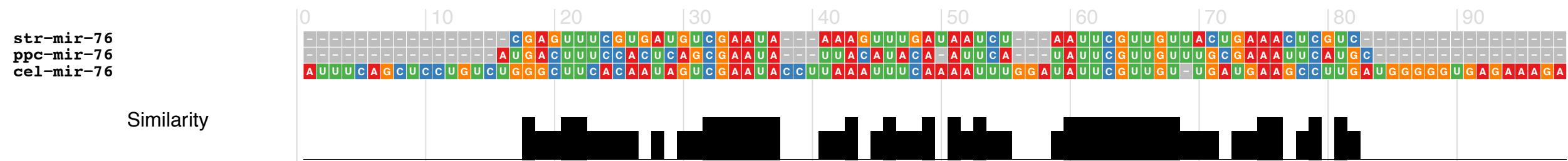


■ A ■ U ■ G ■ C ■ -

# miRNA family 45



# miRNA family 46

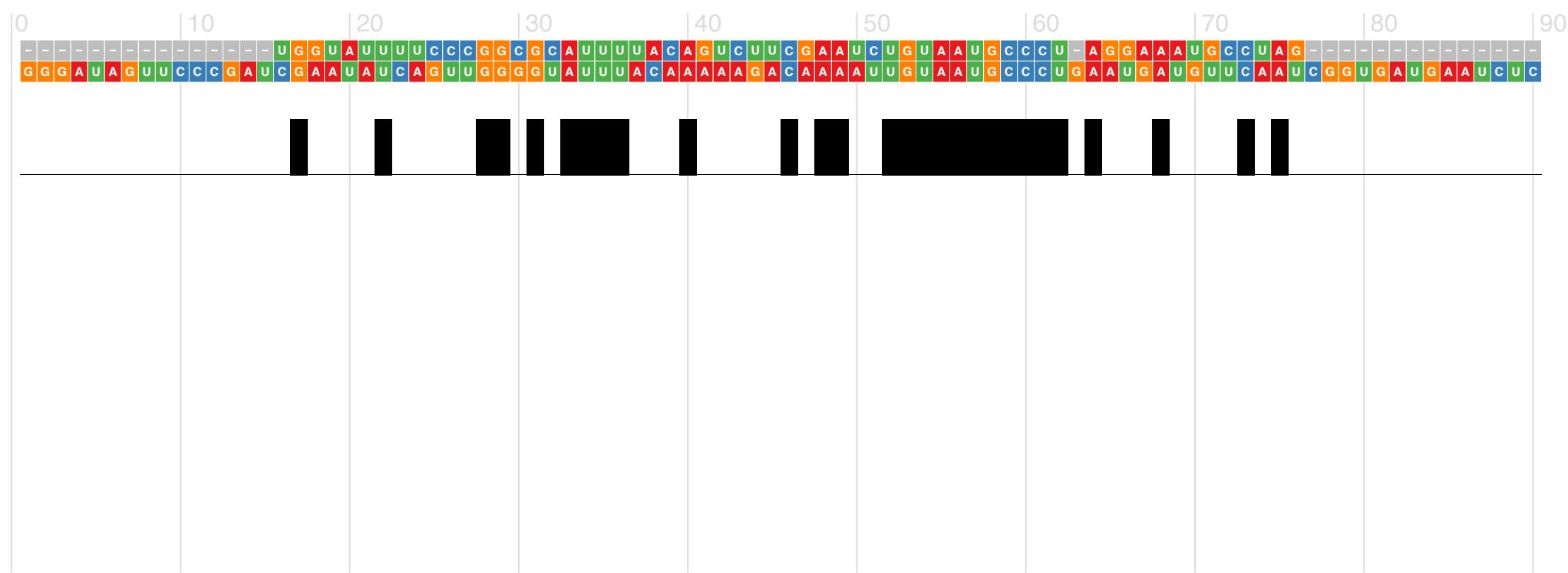


■ A ■ U ■ G ■ C ■ -

# miRNA family 47

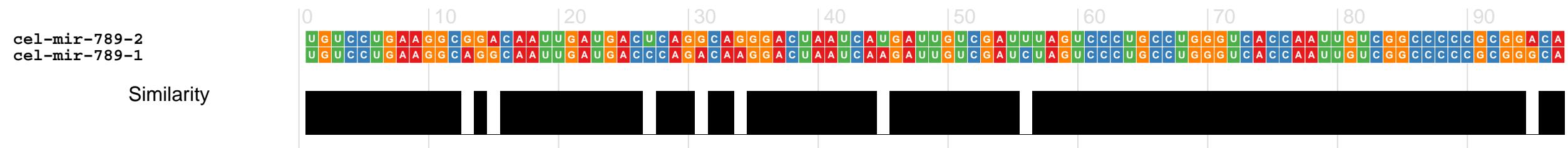
**ppc-mir-8244**  
**cel-mir-786**

Similarity

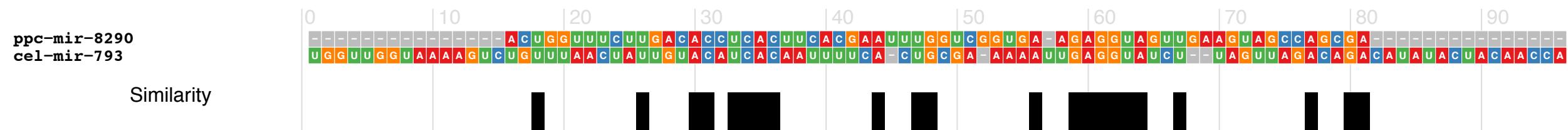


■ A ■ U ■ G ■ C ■ -

# miRNA family 48



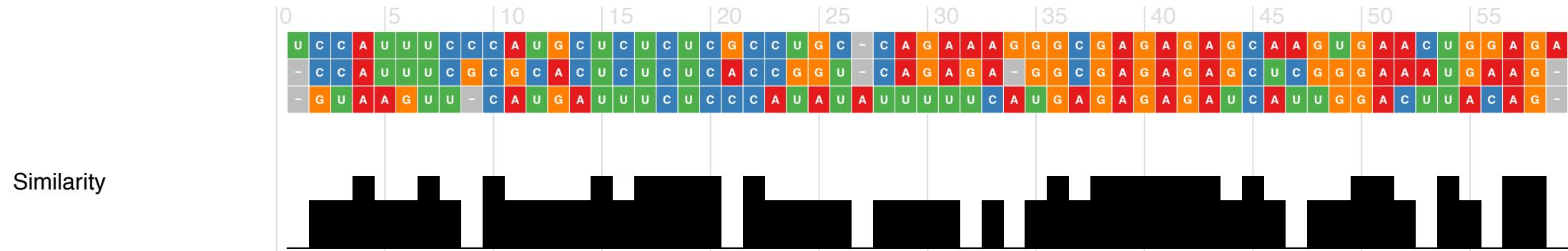
# miRNA family 49



■ A ■ U ■ G ■ C ■ -

# miRNA family 5

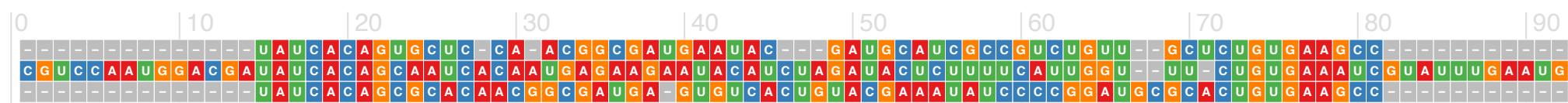
**ppc-mir-8364p**  
**ppc-mir-8364o**  
**cel-mir-1018**



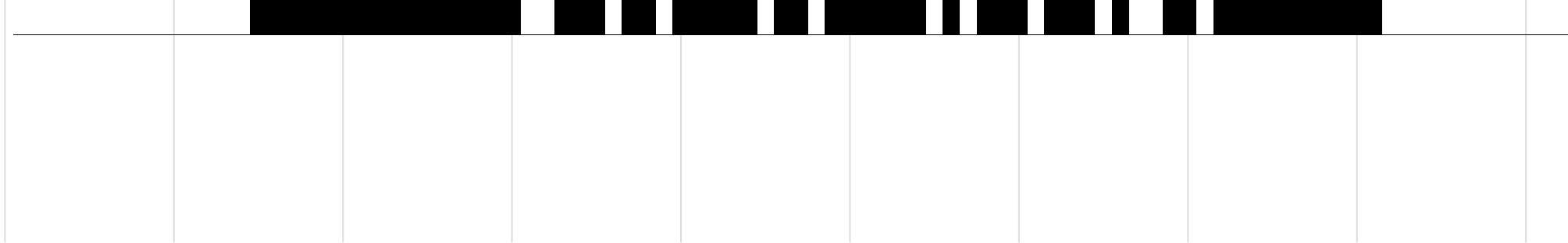
■ A ■ U ■ G ■ C ■ -

# miRNA family 50

**ppc-mir-8235**  
**cel-mir-797**  
**ppc-mir-2264**

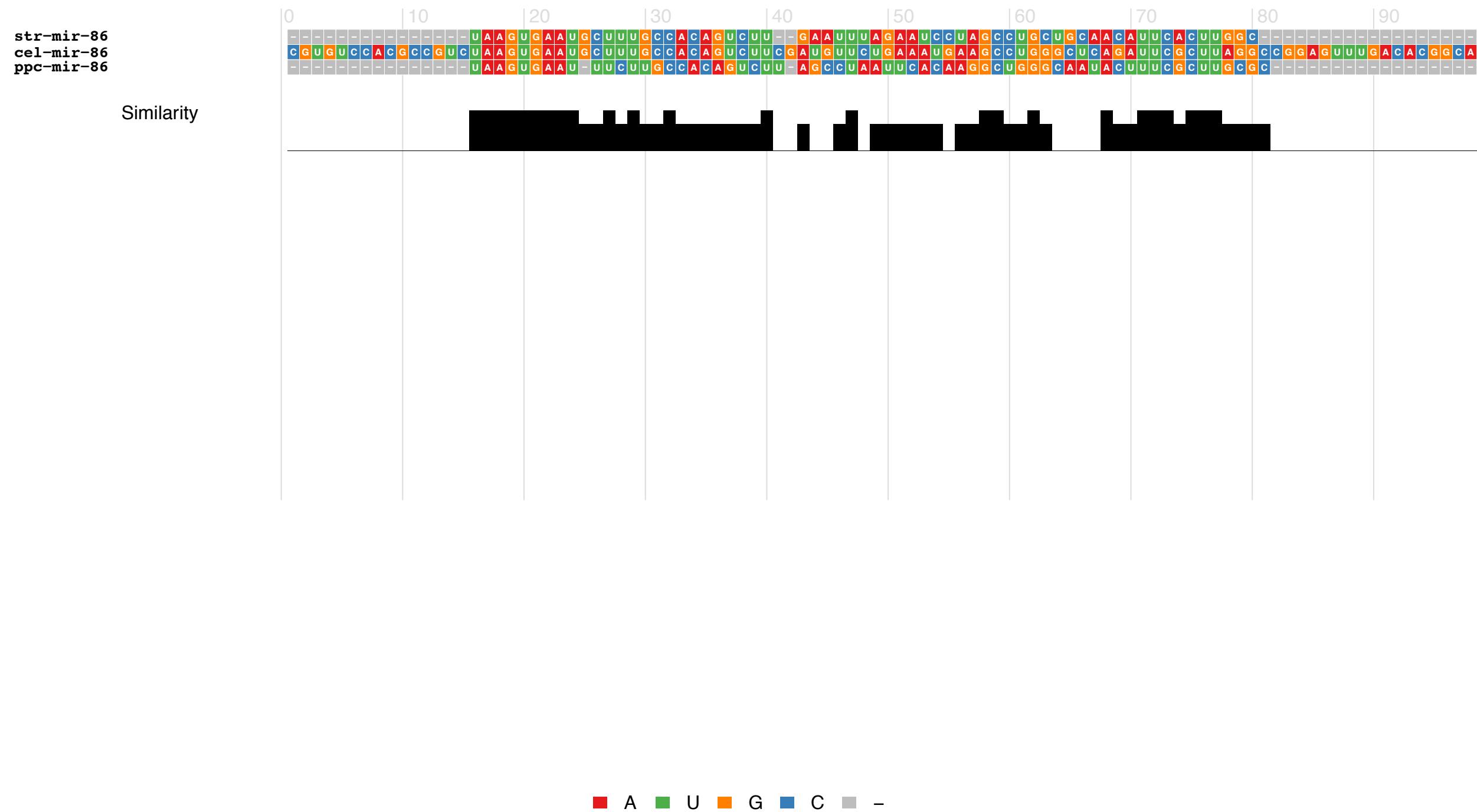


Similarity

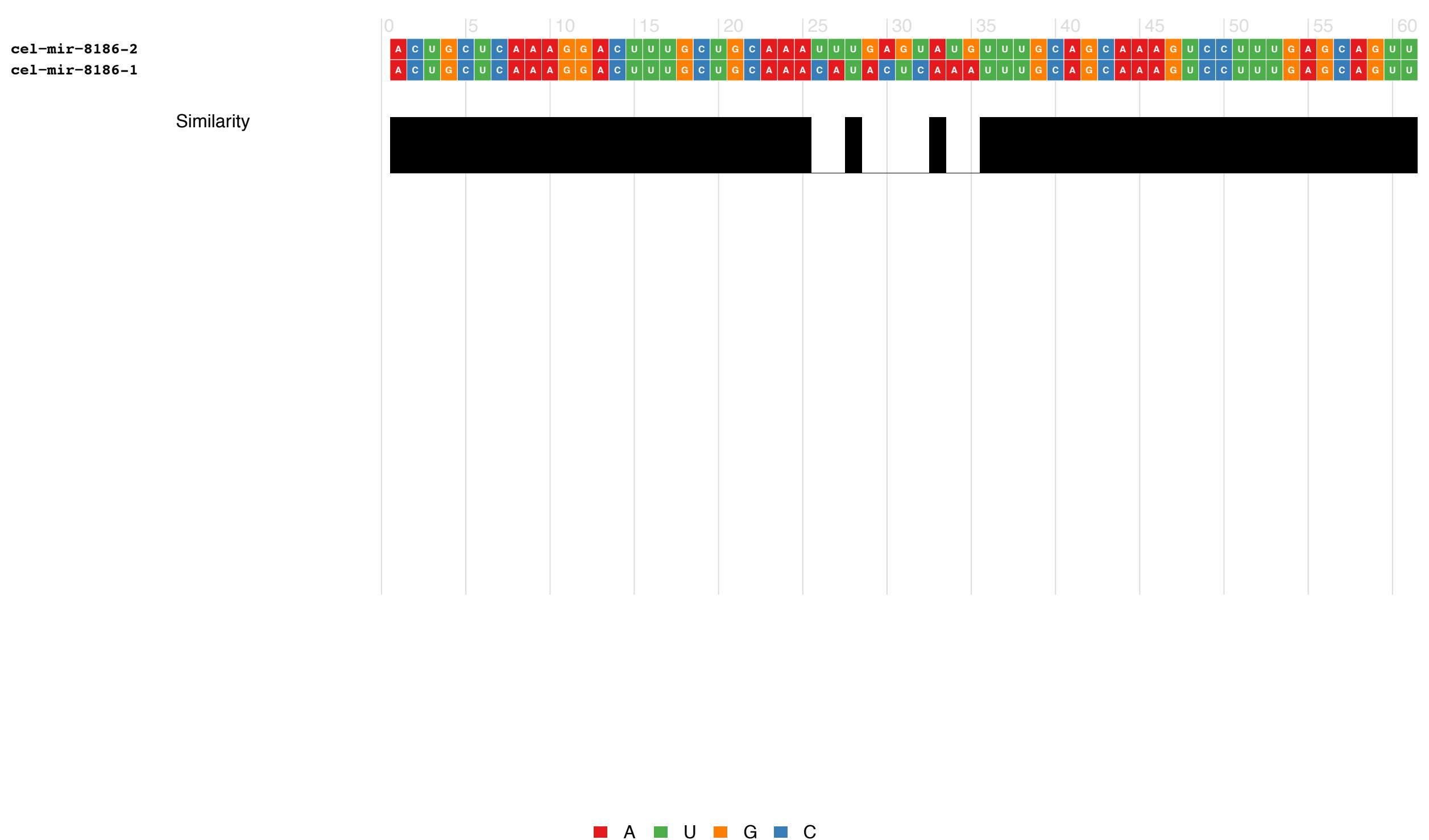


■ A ■ U ■ G ■ C ■ -

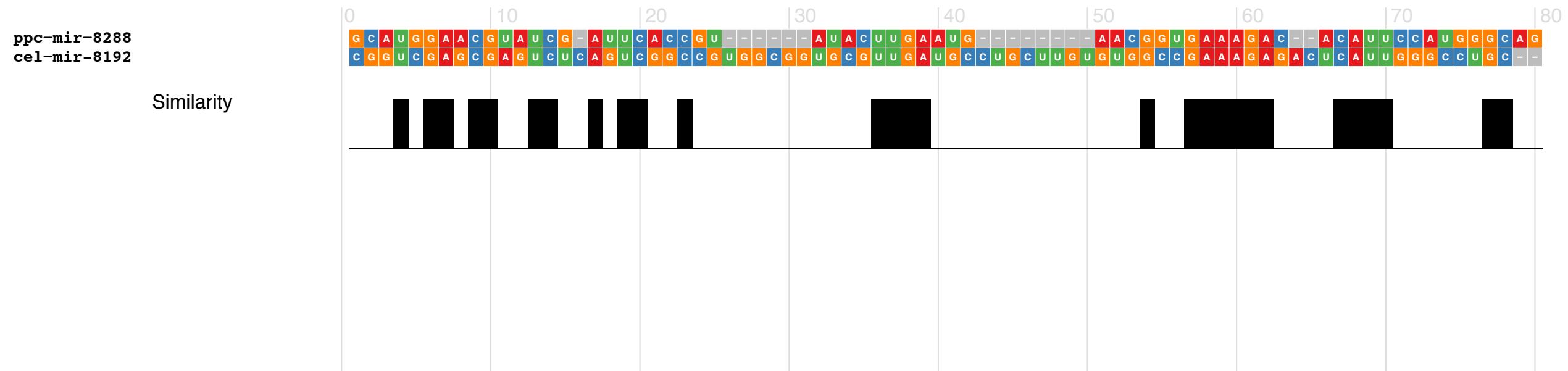
# miRNA family 51



# miRNA family 52

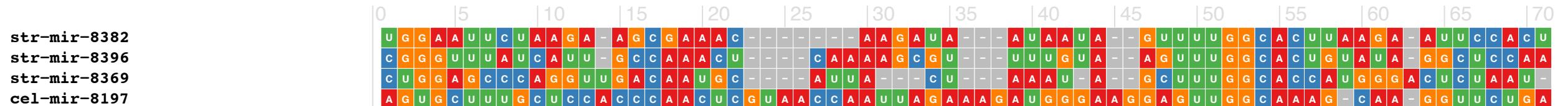


# miRNA family 53

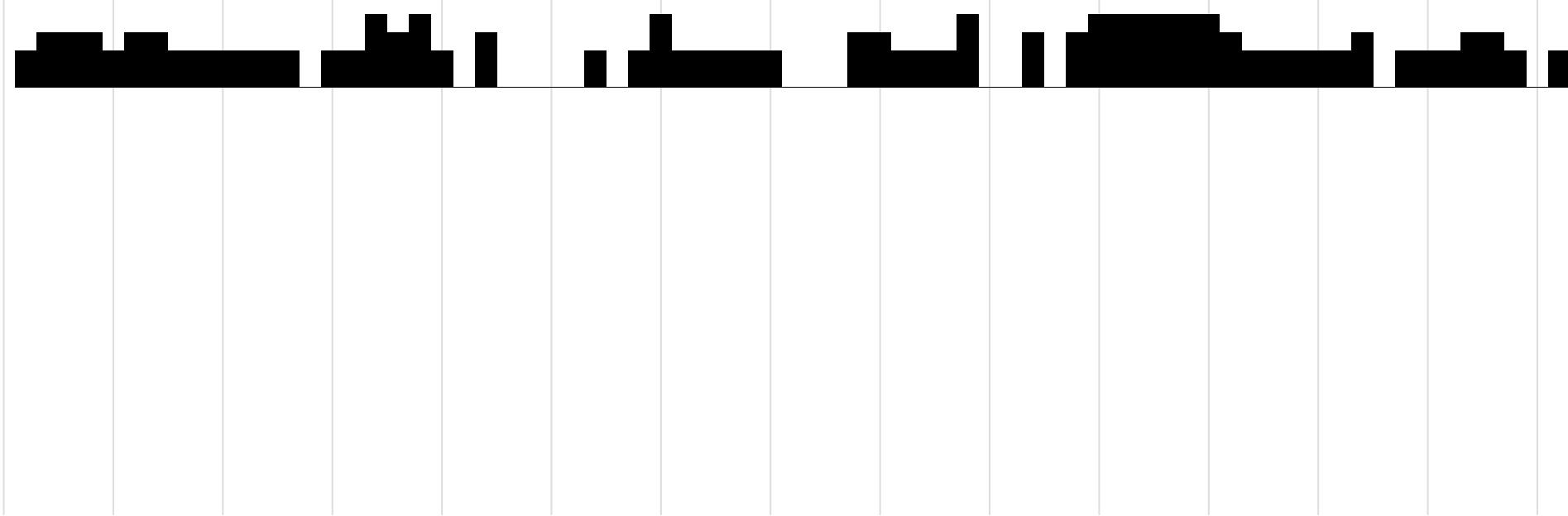


■ A ■ U ■ G ■ C ■ -

# miRNA family 54

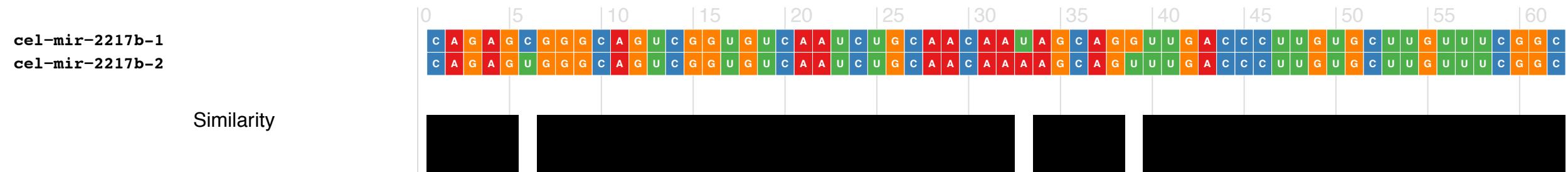


Similarity



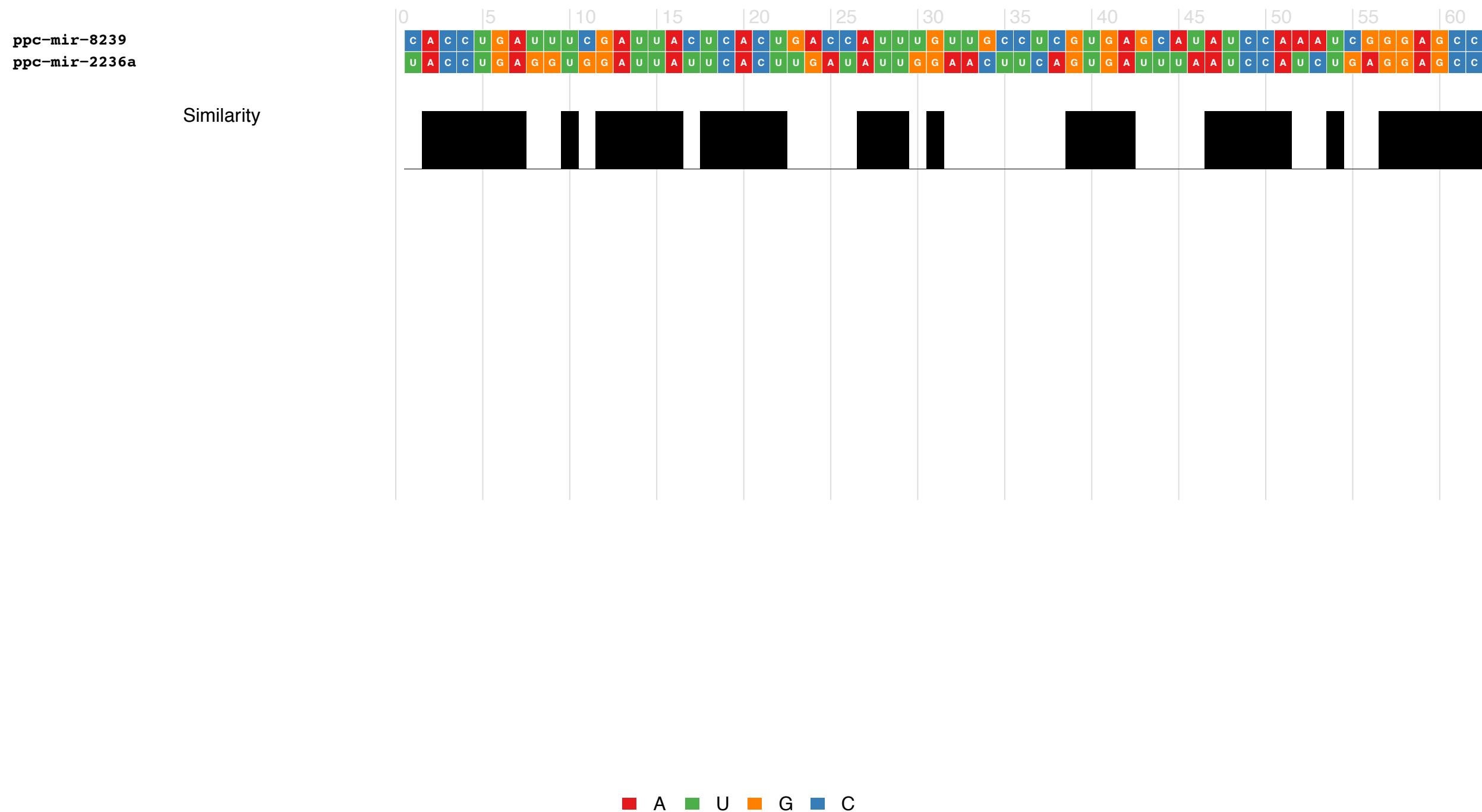
■ A ■ U ■ G ■ C ■ -

# miRNA family 56

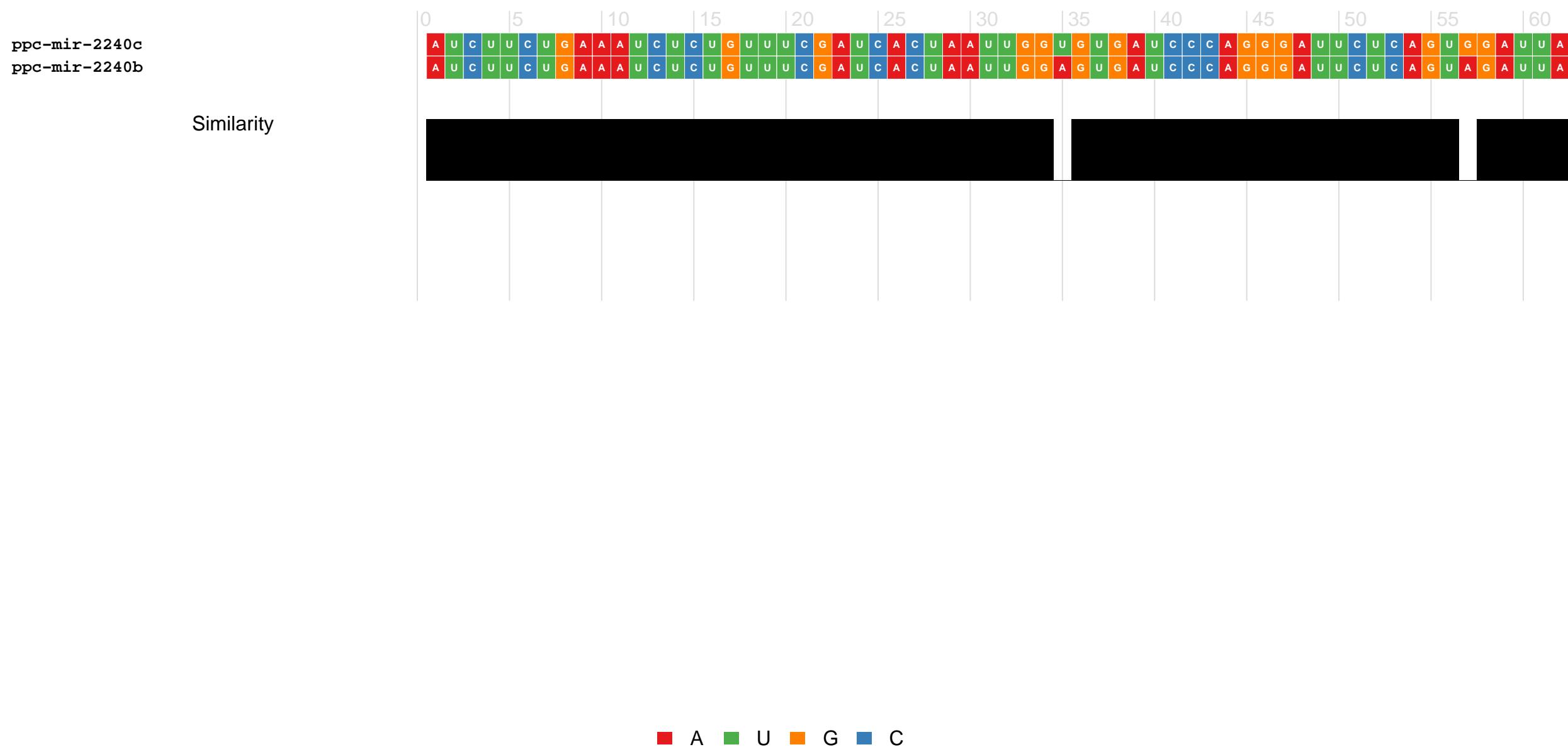


■ A ■ U ■ G ■ C

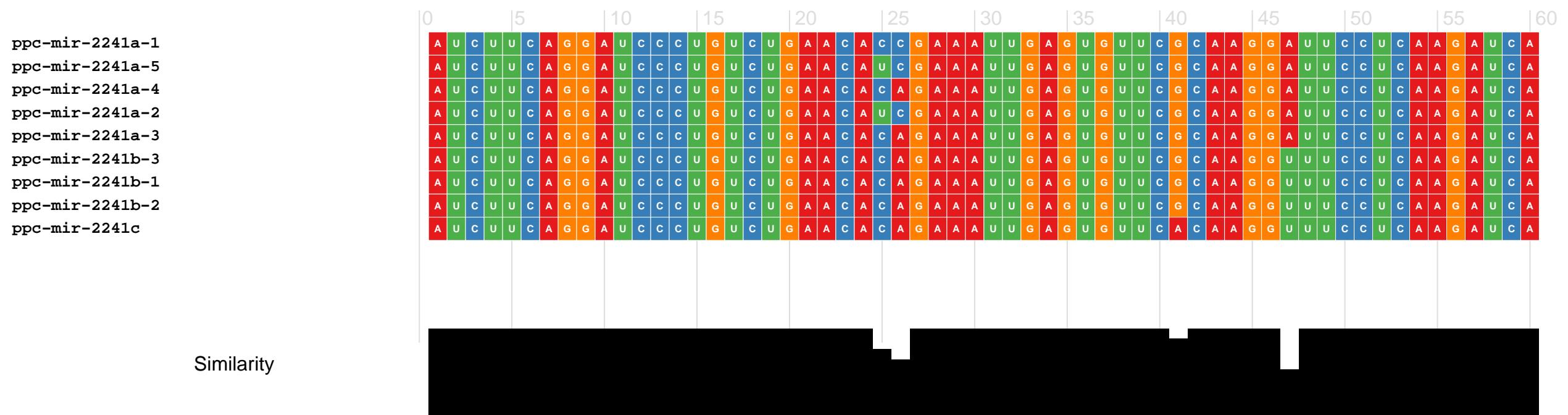
# miRNA family 57



# miRNA family 58

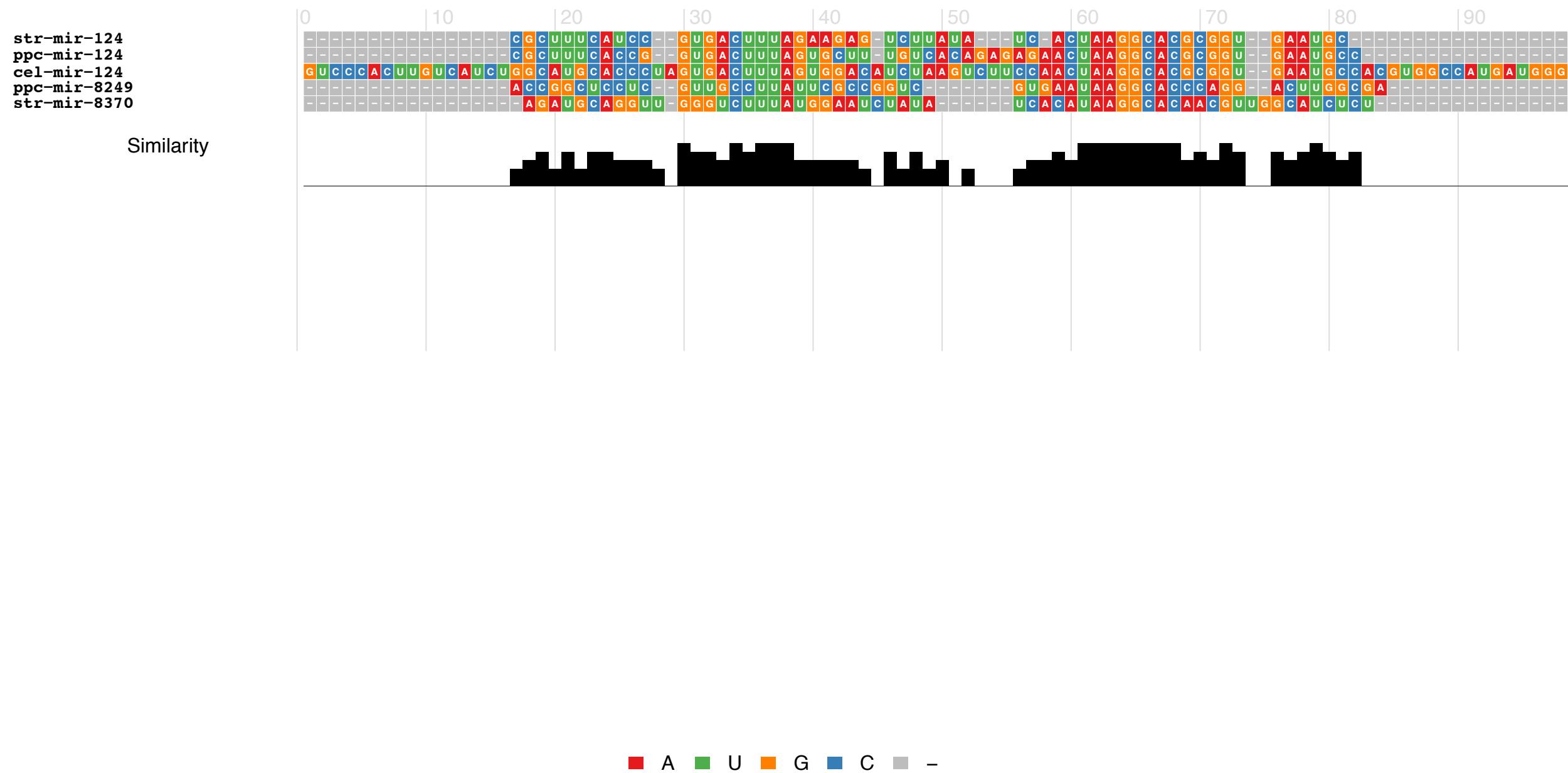


# miRNA family 59



■ A ■ U ■ G ■ C

# miRNA family 6



# miRNA family 60

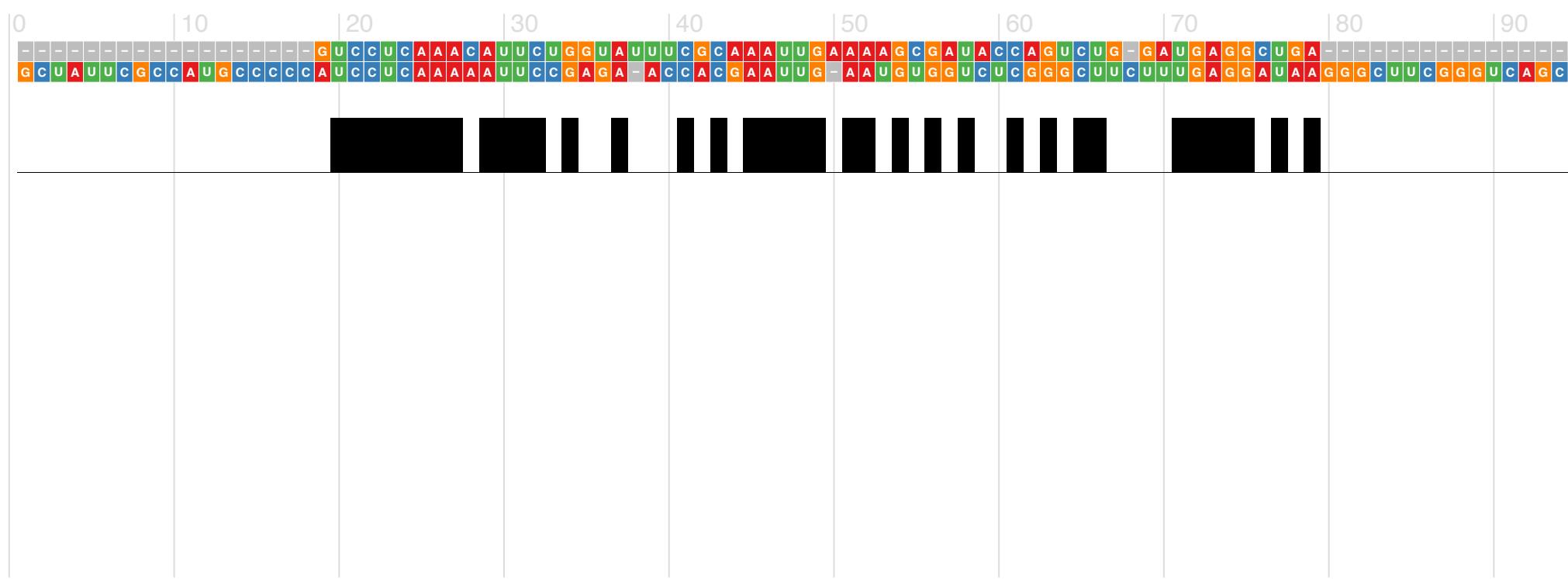


■ A ■ U ■ G ■ C ■ -

# miRNA family 61

**ppc-mir-8315-1**  
**ppc-mir-2263**

Similarity

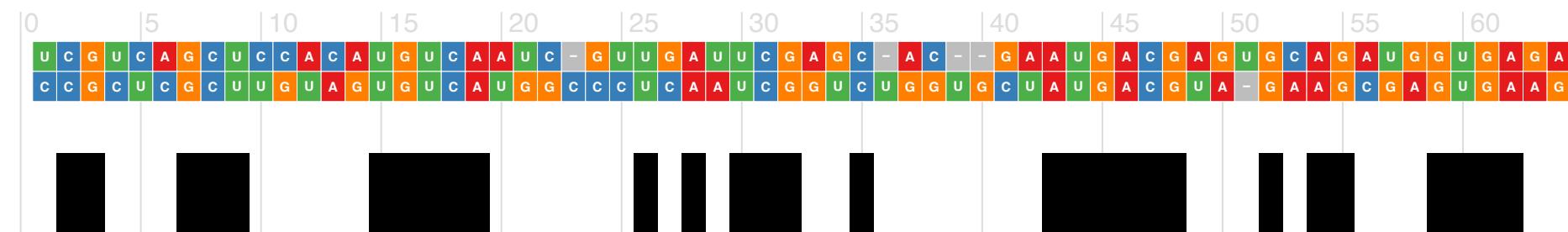


■ A ■ U ■ G ■ C ■ -

# miRNA family 62

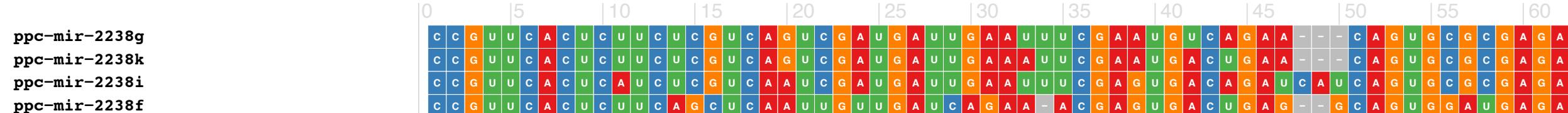
ppc-mir-2238j

ppc-mir-63e



■ A ■ U ■ G ■ C ■ -

# miRNA family 63

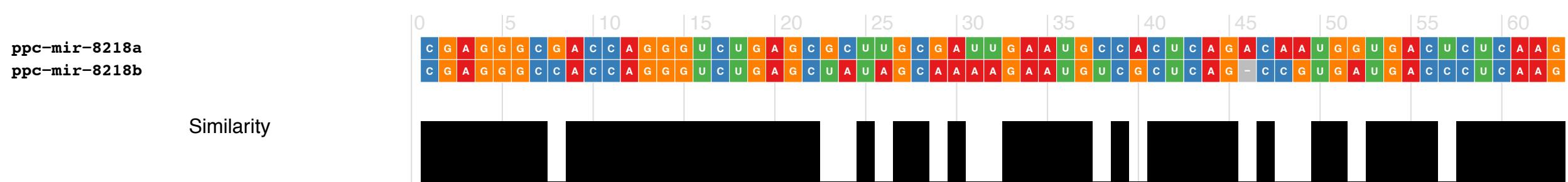


Similarity



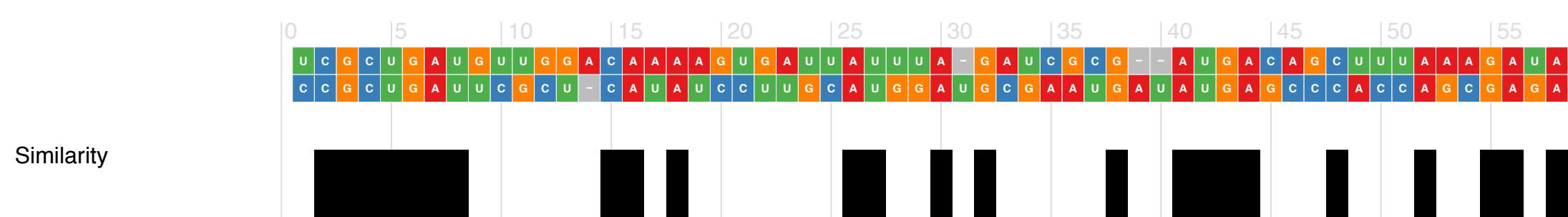
■ A ■ U ■ G ■ C ■ -

# miRNA family 64



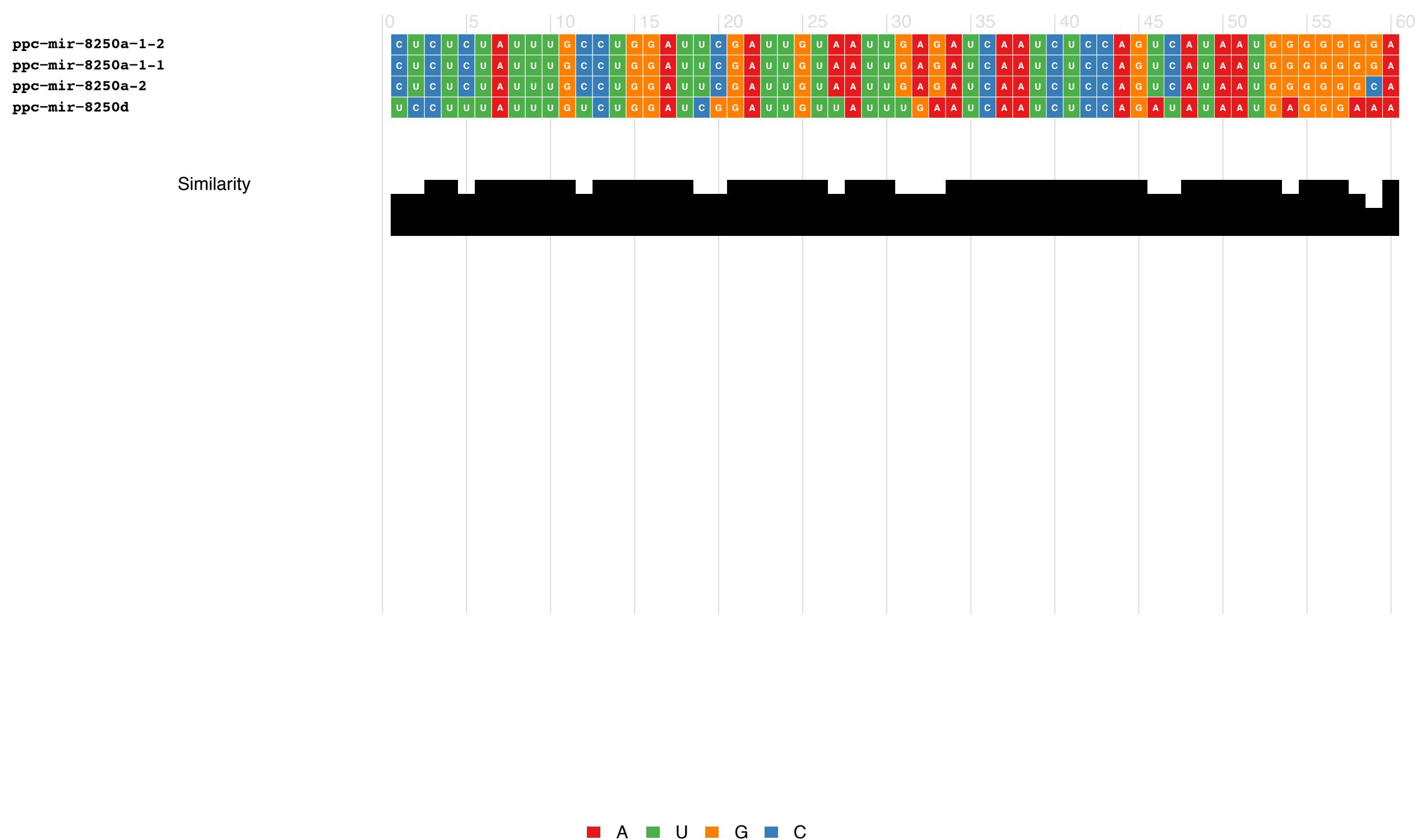
# miRNA family 65

ppc-mir-8362  
ppc-mir-8223

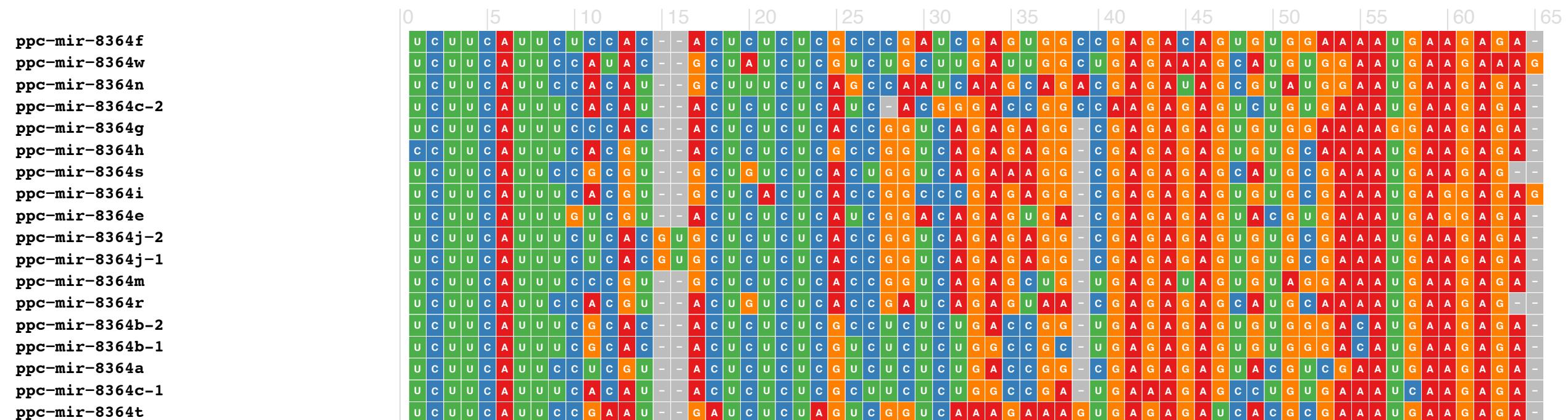


■ A ■ U ■ G ■ C ■ -

# miRNA family 66



# miRNA family 67



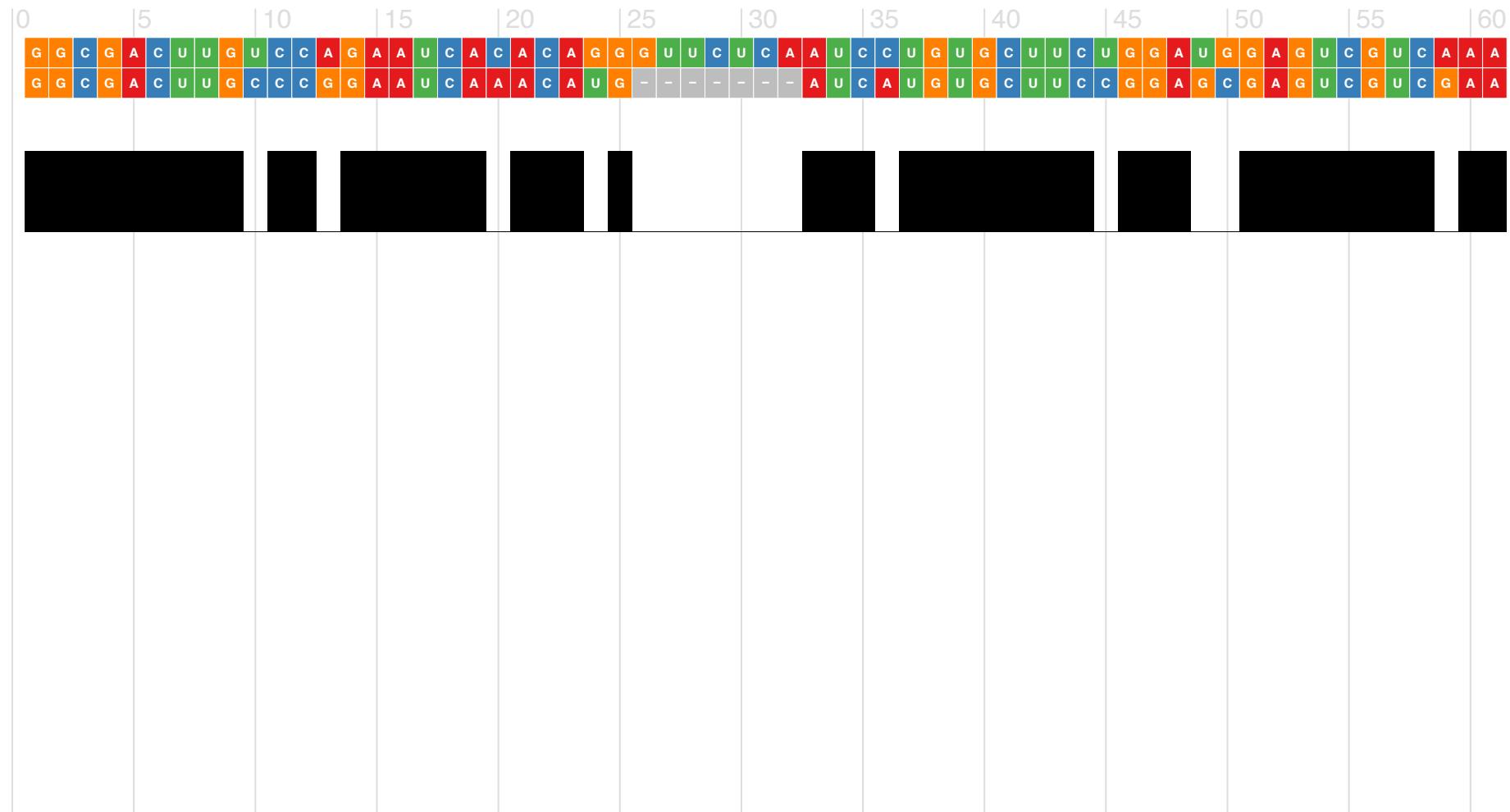
Similarity

■ A ■ U ■ G ■ C ■ -

# miRNA family 68

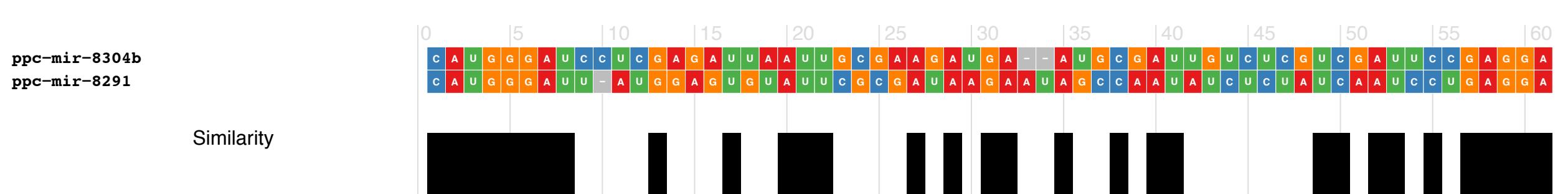
ppc-mir-8275  
ppc-mir-8350

Similarity



■ A ■ U ■ G ■ C ■ -

# miRNA family 69

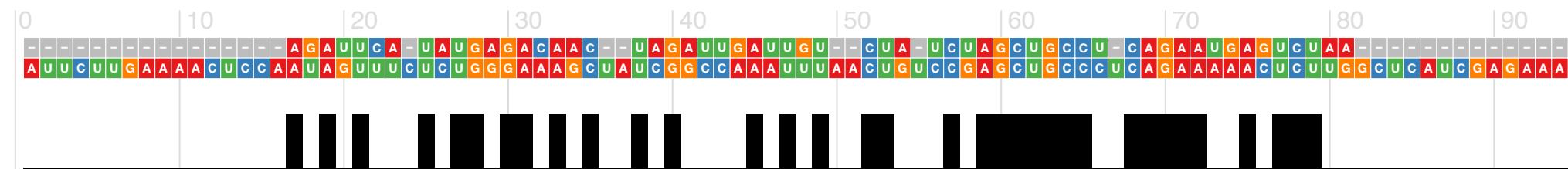


■ A ■ U ■ G ■ C ■ -

# miRNA family 7

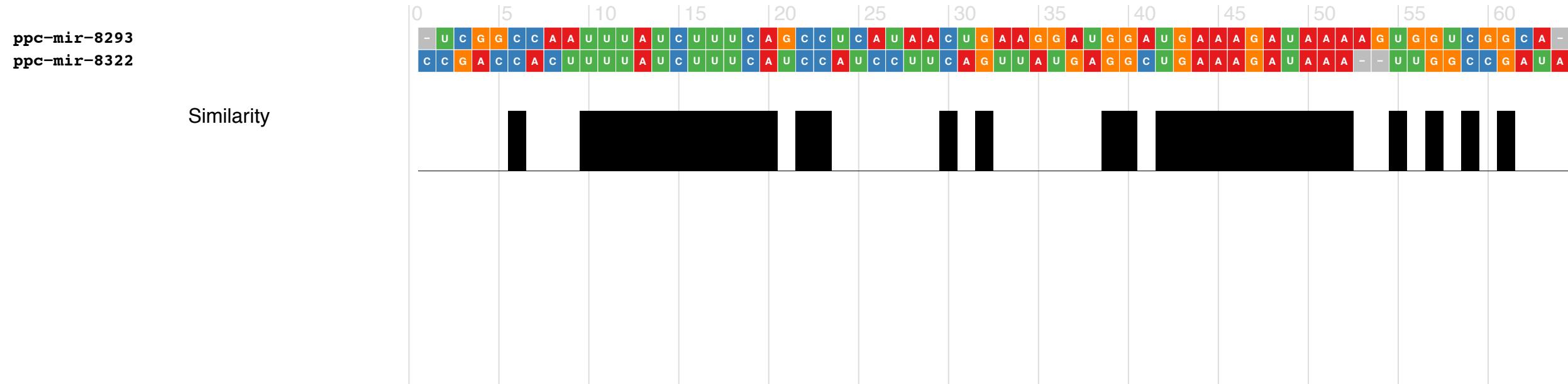
ppc-mir-8314  
cel-mir-1822

Similarity



■ A ■ U ■ G ■ C ■ -

# miRNA family 70

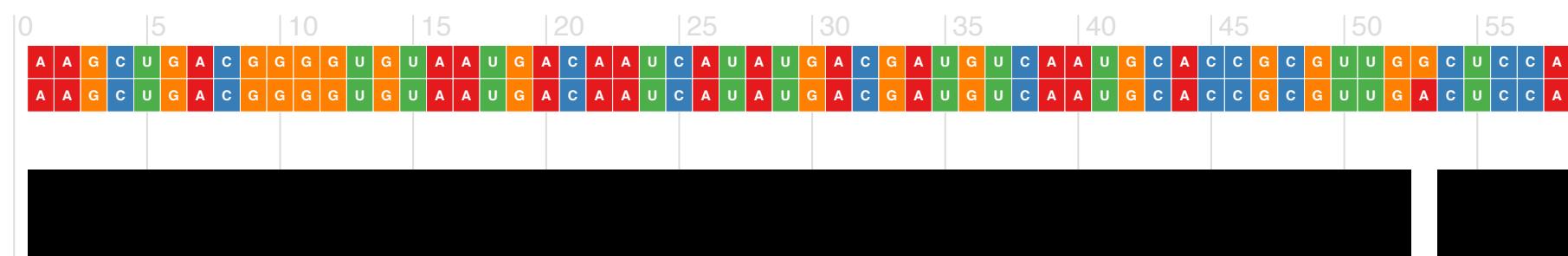


■ A ■ U ■ G ■ C ■ -

# miRNA family 71

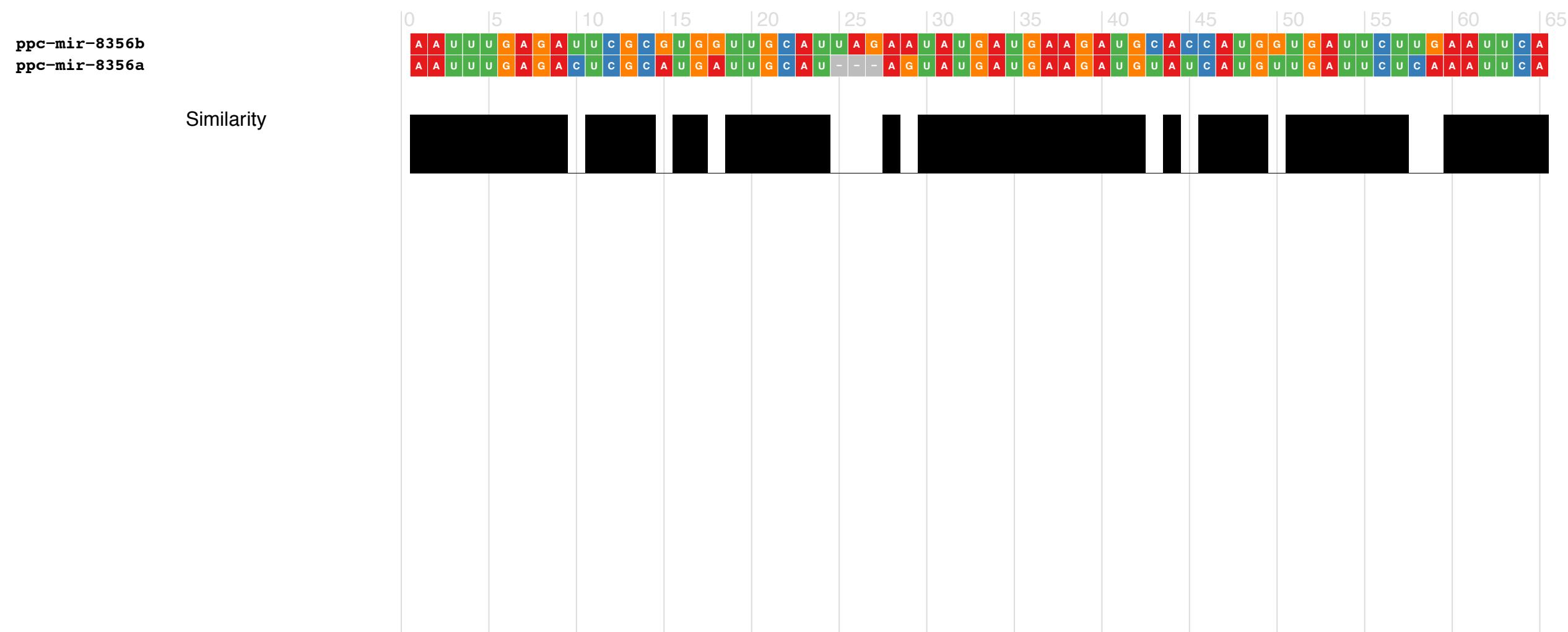
**ppc-mir-8303-1**  
**ppc-mir-8303-2**

Similarity



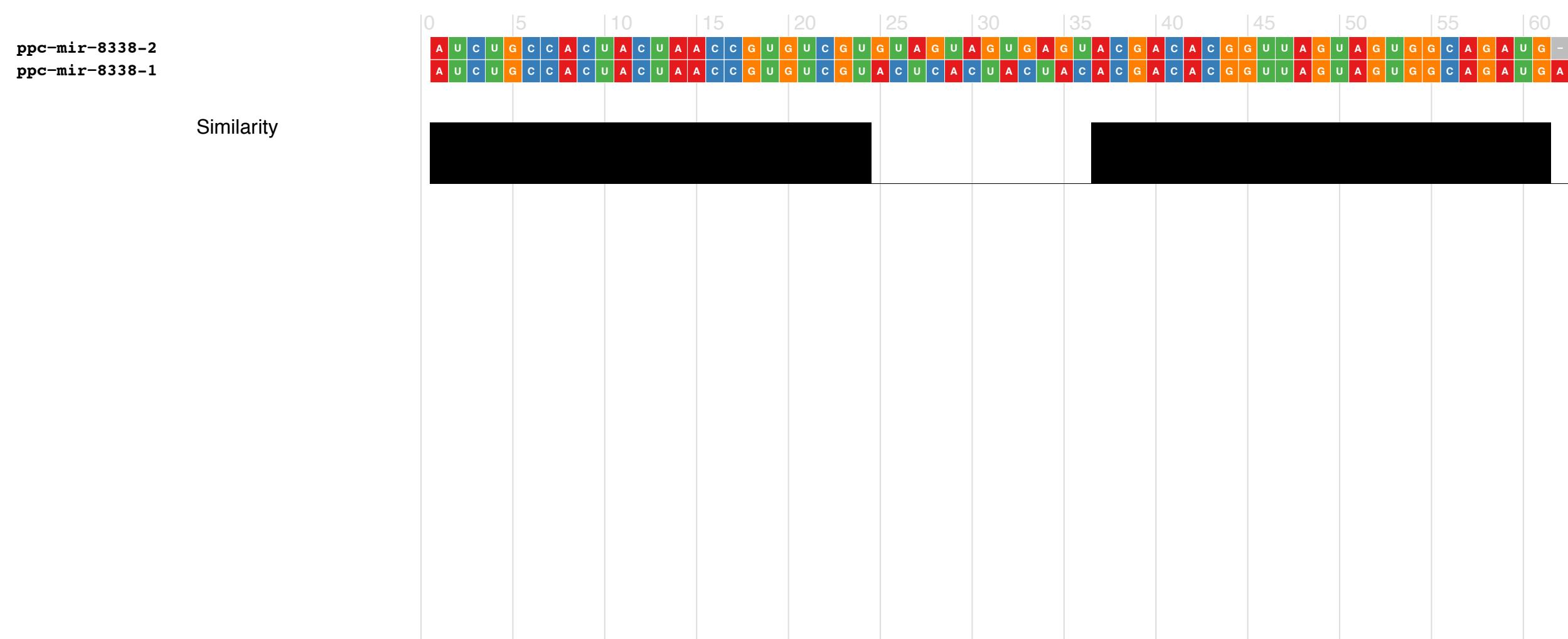
■ A ■ U ■ G ■ C

# miRNA family 72



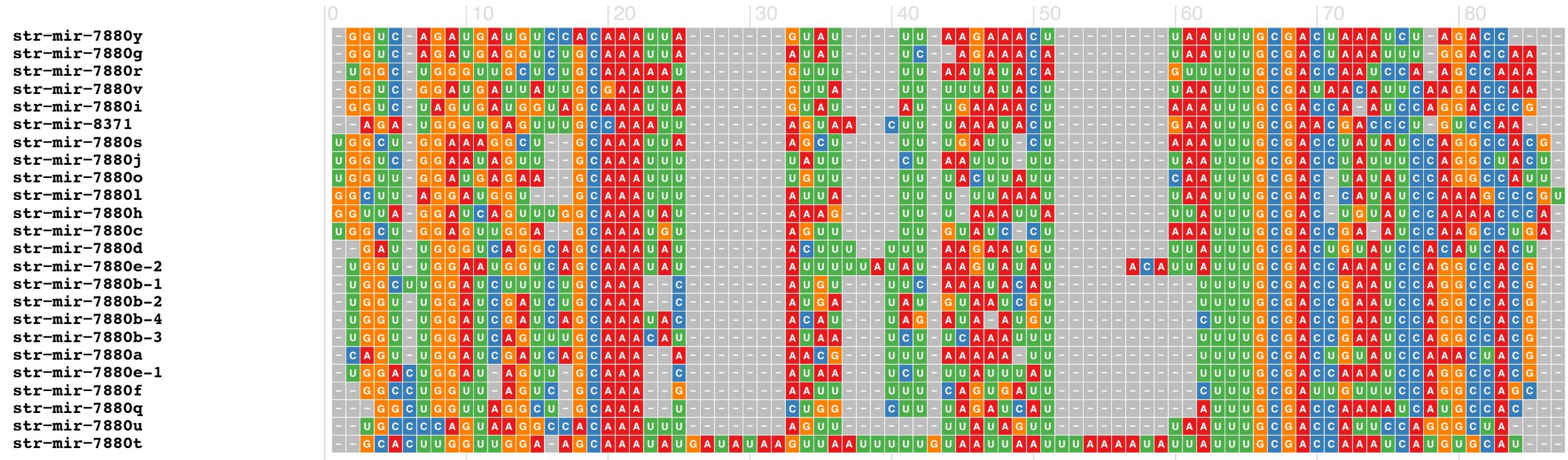
■ A ■ U ■ G ■ C ■ -

# miRNA family 73

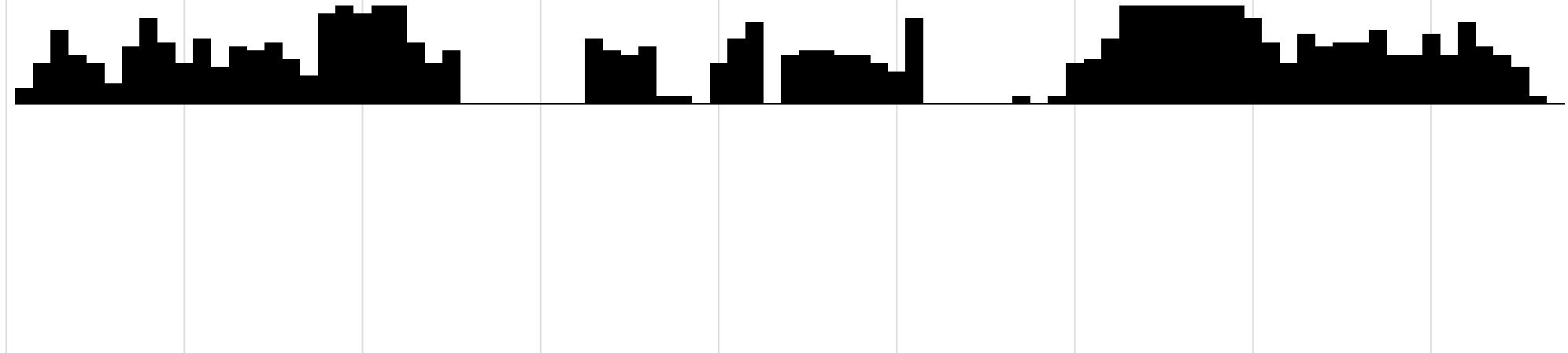


■ A ■ U ■ G ■ C ■ -

# miRNA family 74



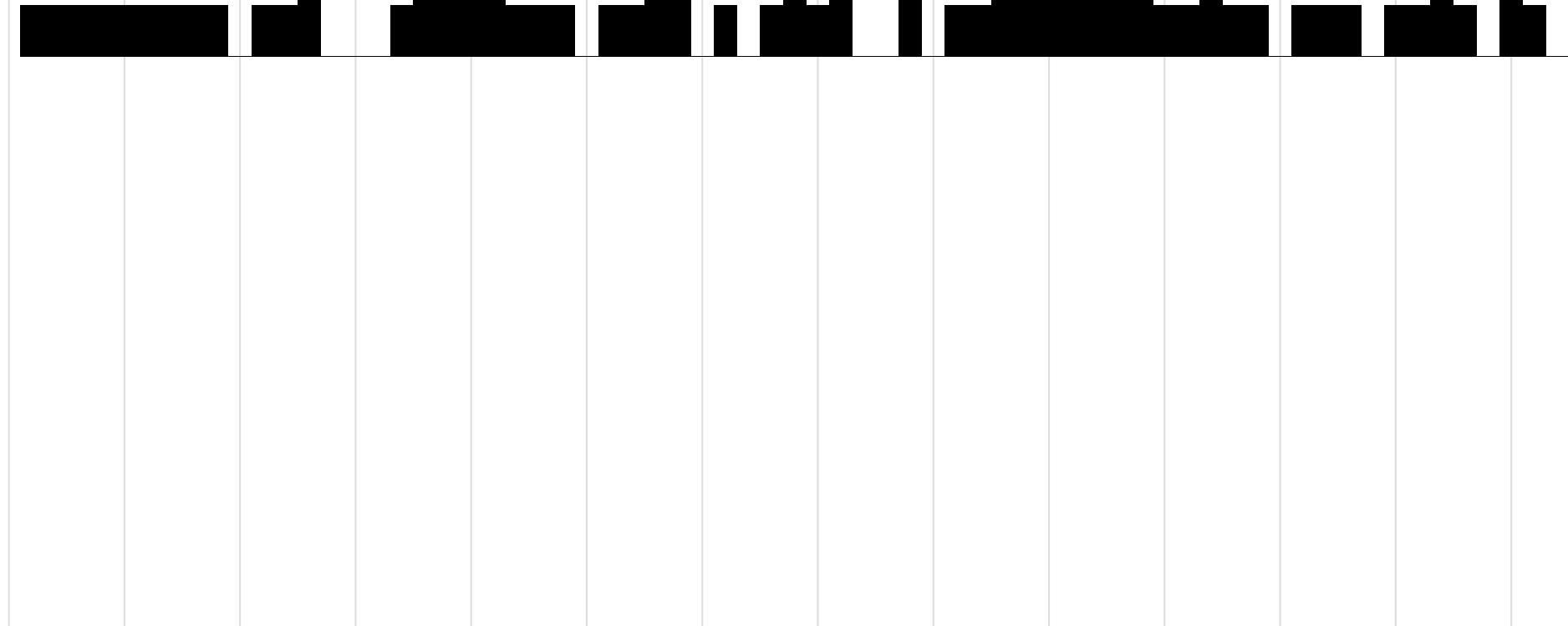
Similarity



# miRNA family 75



Similarity

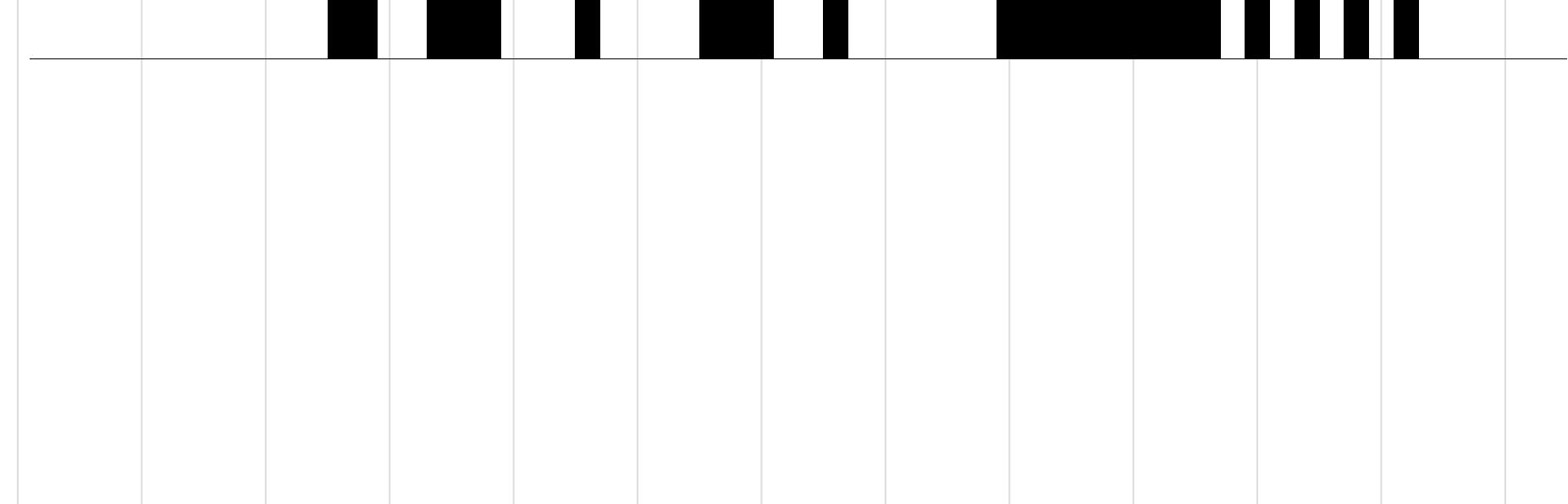


■ A ■ U ■ G ■ C ■ -

# miRNA family 76

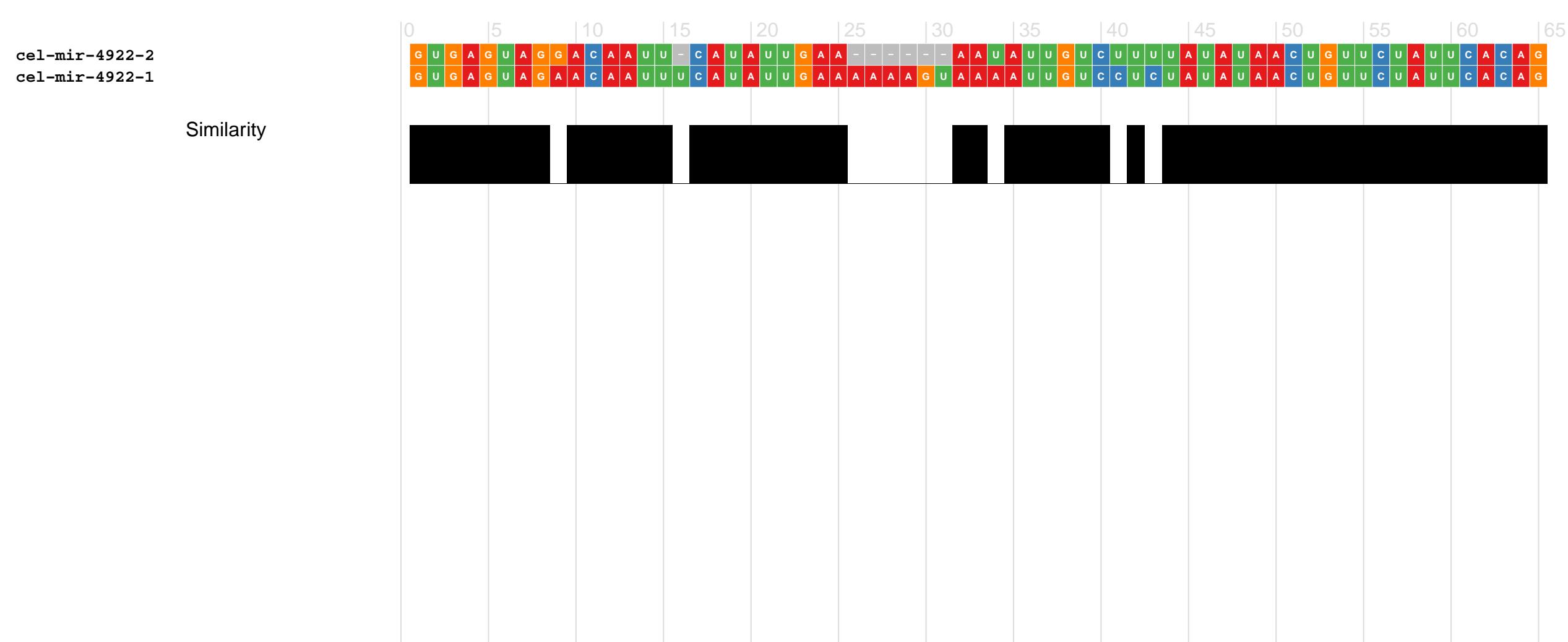


Similarity



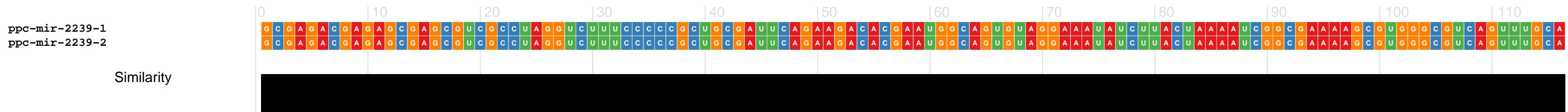
■ A ■ U ■ G ■ C ■ -

# miRNA family 77



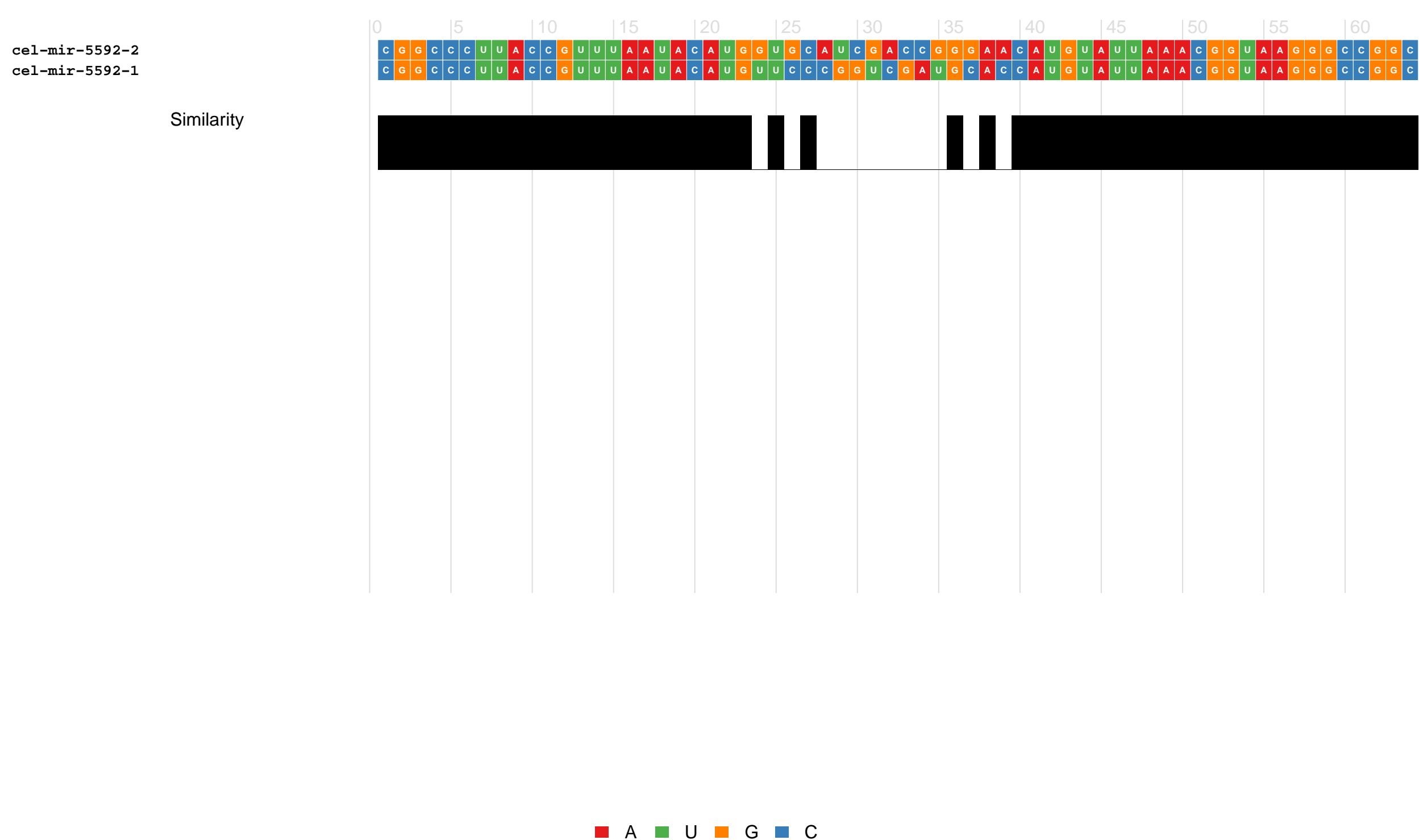
■ A ■ U ■ G ■ C ■ -

# miRNA family 78

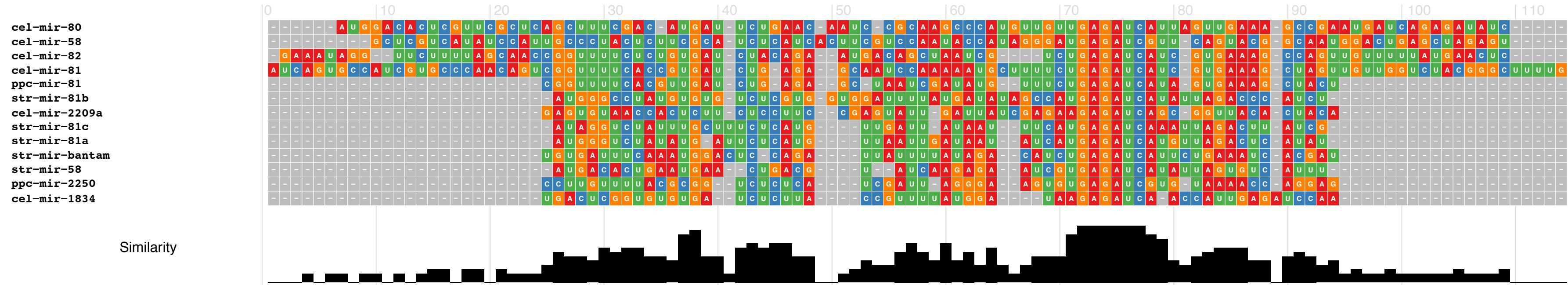


■ A ■ U ■ G ■ C

# miRNA family 79



# miRNA family 8

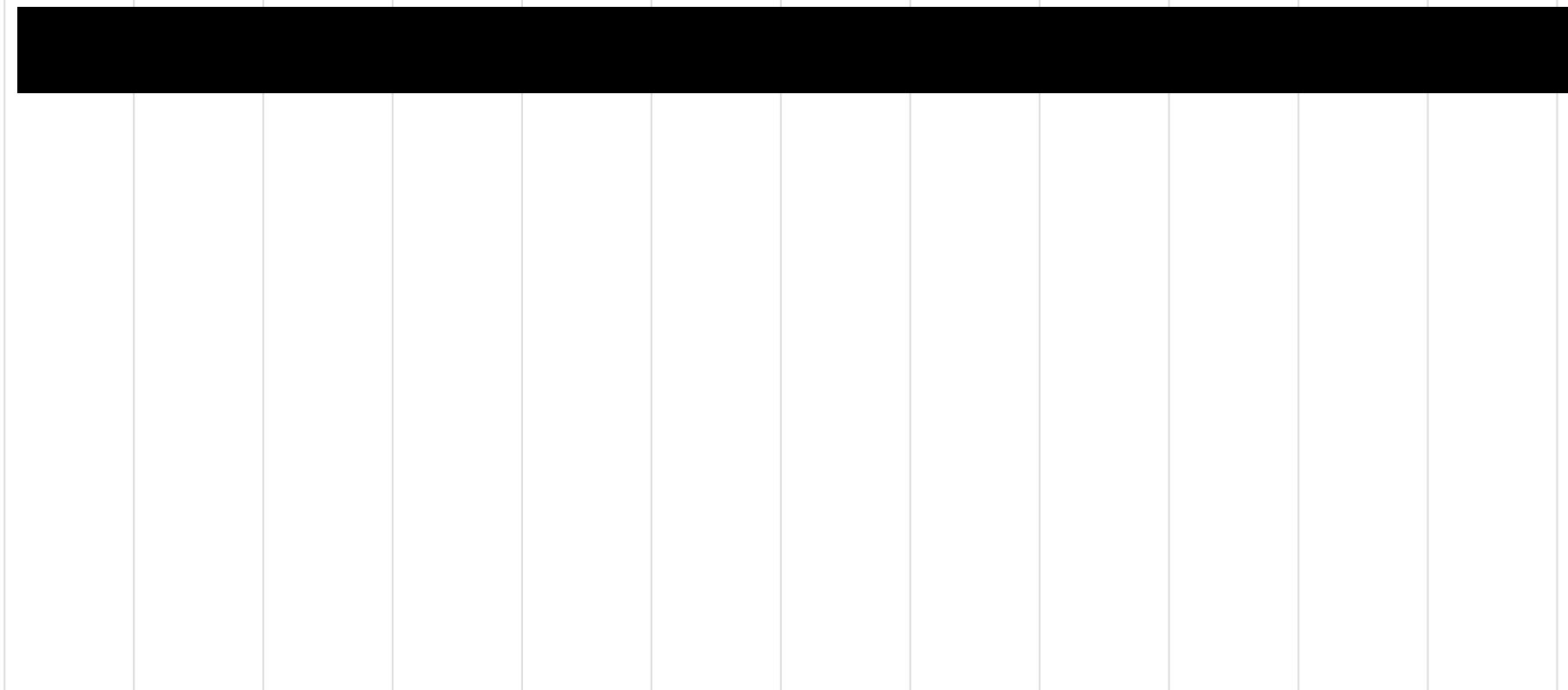


# miRNA family 80

**ppc-mir-8250c-1**  
**ppc-mir-8250c-2**  
**ppc-mir-8250c-3**



Similarity



■ A ■ U ■ G ■ C

# miRNA family 81



Similarity

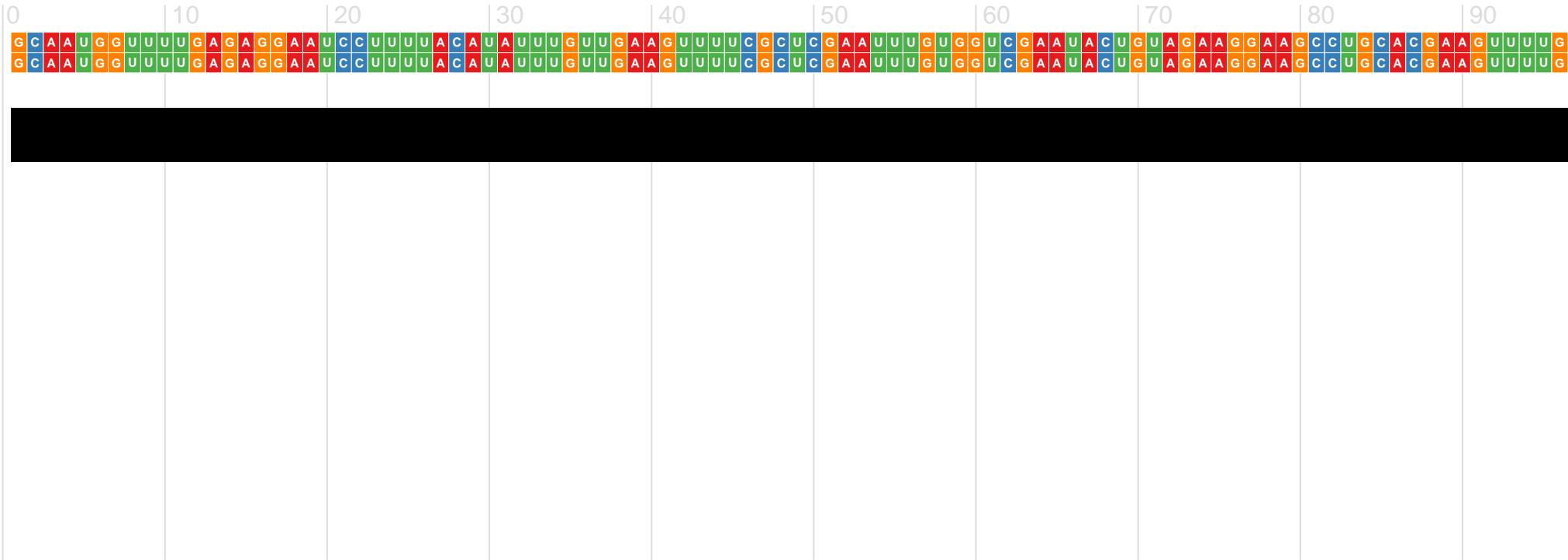


# miRNA family 82

cel-mir-258-1 cel-mir-258-2

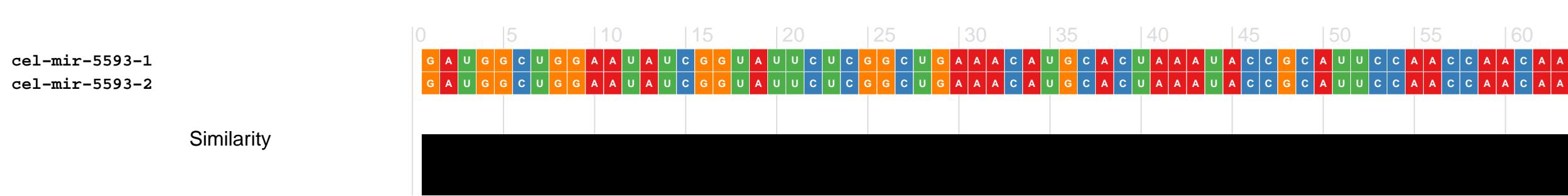
G	C	A	U	G	G	U	U	G	A	G	A	G	G	A	U	C	G	A	U	U	G	U	G	G	A	G	C	U	G	C	A	C	G	A	G	U	U	U	G					
G	C	A	U	G	G	U	U	G	A	G	G	A	A	U	C	C	U	U	U	U	A	C	A	U	A	U	U	G	U	G	G	A	A	U	A	C	U	G	A	G	U	U	U	G

Similarity



■ A ■ U ■ G ■ C

# miRNA family 83



■ A ■ U ■ G ■ C

# miRNA family 9

