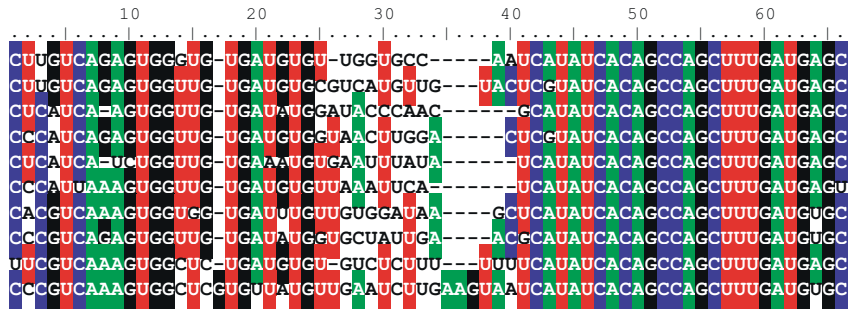


A

*Eriocheir sinensis* mir-2  
*Daphnia pulex* mir-2-2  
*Drosophila melanogaster* mir-2a  
*Apis mellifera* mir-2-2  
*Tribolium castaneum* mir-2b  
*Lottia gigantea* mir-2c  
*Ascaris suum* mir-2a  
*Nasonia vitripennis* mir-2b  
*Ixodes scapularis* mir-2a  
*Caenorhabditis remanei* mir-2



B

- UG - G - | G  
 CU UCAGAG UGG UGUGAUGUG UUG U  
 GA AGUUUC ACC ACACUAUAC AAC G  
 C GU G G U^ C