**HUMAN**

\*\*HSA-SDH-C 🡪 En negro el primer forward, fragmentos del vector en cursiva

# >BUU274\_12162742\_12162742

*TAAGAATTCCTAAACCGAGTTCGTGAAGGTGAAGGGCCTCCACTTCAGCCAGGAGGACGCTCCAGATGAAATGGGTAAGTACATCAAGAGCTTCGTGGAGCGCGTGCTGAAGAACGAGCAGTAATTCTAGGCGATCGCTCGAG*🡪**GCCCACAGCTTGCCTACT**CTCGGCCTAGAAGCAGTTATTCTCTCTCCATATTGGGCTTTGATTTGTGCTGAGGGTCAGCTTTTGGCTCCTTCTTCCTGAGACAGTGGAAACAATGCCAGCTCTGTGGCTTCTGCCCTGGGGATGGGCCGGGTTGGGGGGTGGGTTGGTGAGGCTTTGA

El fragmento era de 1800pb, pero aquí solo están los primeros 178pb

>BUU277\_12162773\_12162773

*TTAAATTCCTAACCCGAGTTCGTGAAGGTGAAGGGCCTCCACTTCAGCCAGGAGGACGCTCCAGATGAAATGGGTAAGTACATCAAGAGCTTCGTGGAGCGCGTGCTGAAGAACGAGCAGTAATTCTAGGCGATCGCTCGAG*🡪**GCCCACAGCTTGCCTACT**CTCGGCCTAGAAGCAGTTATTCTCTCTCCATATTGGGCTTTGATTTGTGCTGAGGGTCAGCTTTTGGCTCCTTCTTCCTGAGACAGTGGAAACAATGCCAGCTCTGTGGCTTCTGCCCTGGGGATGGGCCGGGTTGGGGGGTGGGTTGGTGAGGCTTTCTGTCC

Ídem

[Homo sapiens succinate dehydrogenase complex subunit C (SDHC), transcript variant 1, mRNA](https://blast.ncbi.nlm.nih.gov/Blast.cgi#alnHdr_1779948875)

>BUU289\_12162896\_12162896

GGCAAATTCCTAACCCGAGTTCGTGAAGGTGAAGGGCCTCCACTTCAGCCAGGAGGACGCTCCAGATGAAATGGGTAAGTACATCAAGAGCTTCGTGGAGCGCGTGCTGAAGAACGAGCAGTAATTCTAGGCGATCGCTCGAG🡪**GCCCACAGCTTGCCTACT**CTCGGCCTAGAAGCAGTTATTCTCTCTCCATATTGGGCTTTGATTTGTGCTGAGGGTCAGCTTTTGGCTCCTTCTTCCTGAGACAGTGGAAACAATGCCAGCTCTGTGGCTTCTGCCCTGGGGATGGGCCGGGTTGGGGGGTGGGTTGGTGAGGCTTTGGGTGCCACTGCCTGTGGGTTGGTG

Ídem

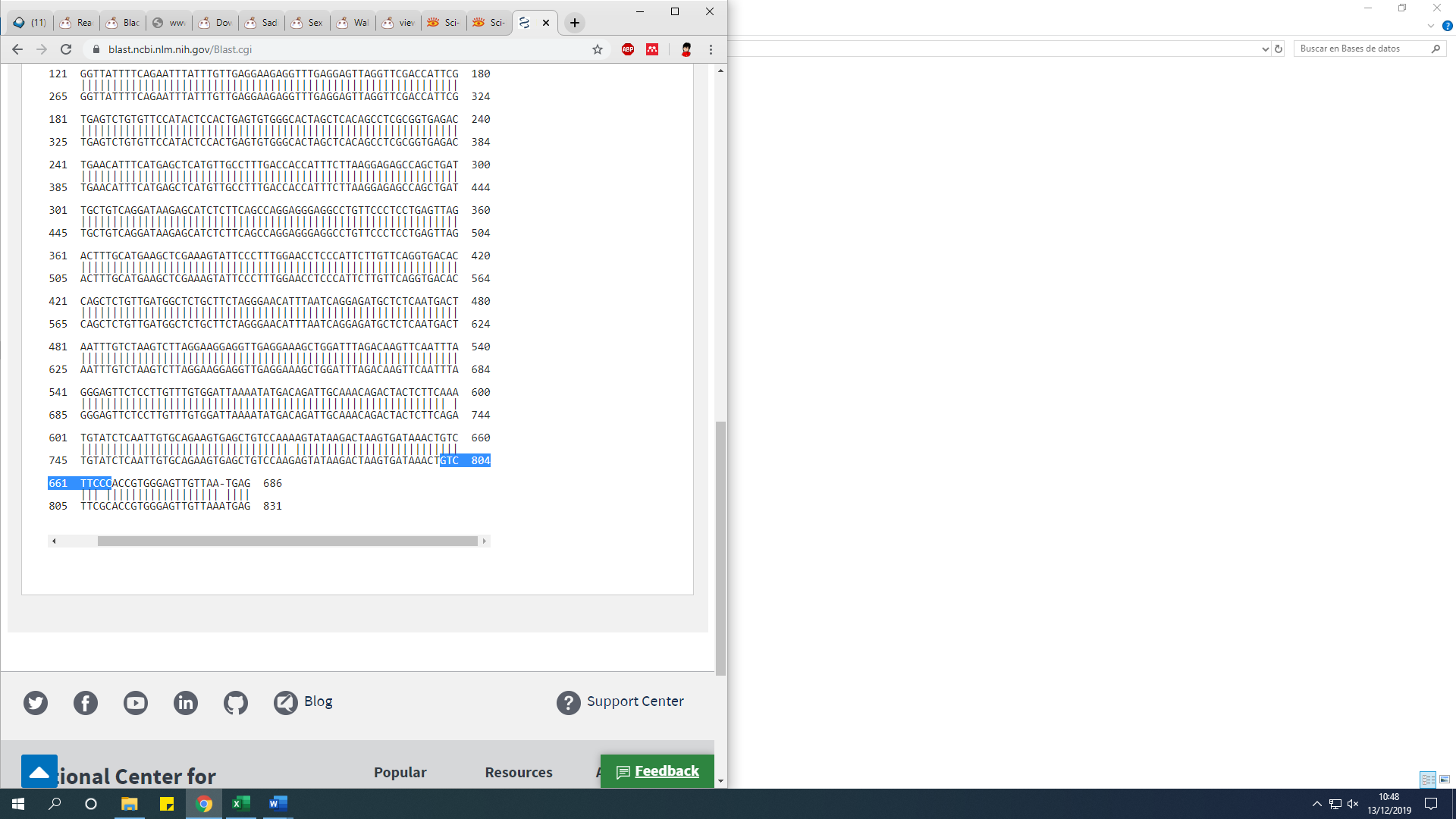
[Homo sapiens succinate dehydrogenase complex subunit C (SDHC), transcript variant 1, mRNA](https://blast.ncbi.nlm.nih.gov/Blast.cgi#alnHdr_1779948875)

**MOUSE -->** primers forward y reverse en verde claro, fragmentos del vector en cursiva

>BUU290\_12162902\_12162902

*GCAAAGTTCCTAACACCGAGTTCGTGAAGGTGAAGGGCCTCCACTTCAGCCAGGAGGACGCTCCAGATGAAATGGGTAAGTACATCAAGAGCTTCGTGGAGCGCGTGCTGAAGAACGAGCAGTAATTCTAGGCGATCGCTCGAGCCTGGGTGCAGCACTTTGATTGTGTGCCT*🡪**CCTTGCCTCTGCTTTACCAA**TGCCGTTCACCTCGCAGTGAGGGGGGATGAAGGATAAGCCCATTGGTGGGCAGAATGTCTTCTAATTACATGGTTATTTTCAGAATTTATTTGTTGAGGAAGAGGTTTGAGGAGTTAGGTTCGACCATTCGTGAGTCTGTGTTCCATACTCCACTGAGTGTGGGCACTAGCTCACAGCCTCGCGGTGAGACTGAACATTTCATGAGCTCATGTTGCCTTTGACCACCATTTCTTAAGGAGAGCCAGCTGATTGCTGTCAGGATAAGAGCATCTCTTCAGCCAGGAGGGAGGCCTGTTCCCTCCTGAGTTAGACTTTGCATGAAGCTCGAAAGTATTCCCTTTGGAACCTCCCATTCTTGTTCAGGTGACACCAGCTCTGTTGATGGCTCTGCTTCTAGGGAACATTTAATCAGGAGATGCTCTCAATGACTAATTTGTCTAAGTCTTAGGAAGGAGGTTGAGGAAAGCTGGATTTAGACAAGTTCAATTTAGGGAGTTCTCCTTGTTTGTGGATTAAAATATGACAGATTGCAAACAGACTACTCTTCAGATGTATCTCAATTGTGCAGAAGTGAGCTGTCCAAGAGTATAAGACTAAGTGATAAACTGTCTTCGC**ACCGTGGGAGTTGTTAAATGAG***GCGGCCGCTGGCCGCAATACCATATCTTTATTATC*

CAMBIO DE UNA C POR UNA G en la secuencia de unión del miR



**Mus musculus targeted KO-first, conditional ready, lacZ-tagged mutant allele Sdhd:tm1a(EUCOMM)Hmgu; transgenic**

**Sequence ID:**[**JN955851.1**](https://www.ncbi.nlm.nih.gov/nucleotide/JN955851.1?report=genbank&log$=nuclalign&blast_rank=3&RID=Z6K1H0YB016)**Length: 39852Number of Matches: 1**

**And Mus musculus succinate dehydrogenase complex, subunit D, integral membrane protein (Sdhd), mRNA**

**Sequence ID:**[**NM\_025848.3**](https://www.ncbi.nlm.nih.gov/nucleotide/NM_025848.3?report=genbank&log$=nuclalign&blast_rank=6&RID=Z6K6ZAHV016)**Length: 1287Number of Matches: 1**

>BUU291\_12162919\_12162919

*GGCAAAGTTCCTAACACCGAGTTCGTGAAGGTGAAGGGCCTCCACTTCAGCCAGGAGGACGCTCCAGATGAAATGGGTAAGTACATCAAGAGCTTCGTGGAGCGCGTGCTGAAGAACGAGCAGTAATTCTAGGCGATCGCTCGAGCCTGGGTGCAGCACTTTGATTGTGTGCCT*🡪**CCTTGCCTCTGCTTTACCAA**TGCCGTTCACCTCGCAGTGAGGGGGGATGAAGGATAAGCCCATTGGTGGGCAGAATGTCTTCTAATTACATGGTTATTTTCAGAATTTATTTGTTGAGGAAGAGGTTTGAGGAGTTAGGTTCGACCATTCGTGAGTCTGTGTTCCATACTCCACTGAGTGTGGGCACTAGCTCACAGCCTCGCGGTGAGACTGAACATTTCATGAGCTCATGTTGCCTTTGACCACCATTTCTTAAGGAGAGCCAGCTGATTGCTGTCAGGATAAGAGCATCTCTTCAGCCAGGAGGGAGGCCTGTTCCCTCCTGAGTTAGACTTTGCATGAAGCTCGAAAGTATTCCCTTTGGAACCTCCCATTCTTGTTCAGGTGACACCAGCTCTGTTGATGGCTCTGCTTCTAGGGAACATTTAATCAGGAGATGCTCTCAATGACTAATTTGTCTAAGTCTTAGGAAGGAGGTTGAGGAAAGCTGGATTTAGACAAGTTCAATTTAGGGAGTTCTCCTTGTTTGTGGATTAAAATATGACAGATTGCAAACAGACTACTCTTCAAATGTATCTCAATTGTGCAGAAGTGAGCTGTCCAAAAGTATAAGACTAAGTGATAAACTGTCTTCCC**ACCGTGGGAGTTGTTAATGAG***GCGGCCGCTGGCCGCAATAAAATATCTTTATTTTCATTACATCTGTGTGTTGGTTTTTTGTGTGAGGATCTAAATGAGTCTTCGGACCT*

100% Identidad, sin gaps, tiene la secuencia

**Mus musculus targeted KO-first, conditional ready, lacZ-tagged mutant allele Sdhd:tm1a(EUCOMM)Hmgu; transgenic**

**Sequence ID:**[**JN955851.1**](https://www.ncbi.nlm.nih.gov/nucleotide/JN955851.1?report=genbank&log$=nuclalign&blast_rank=3&RID=Z6K1H0YB016)**Length: 39852Number of Matches: 1**

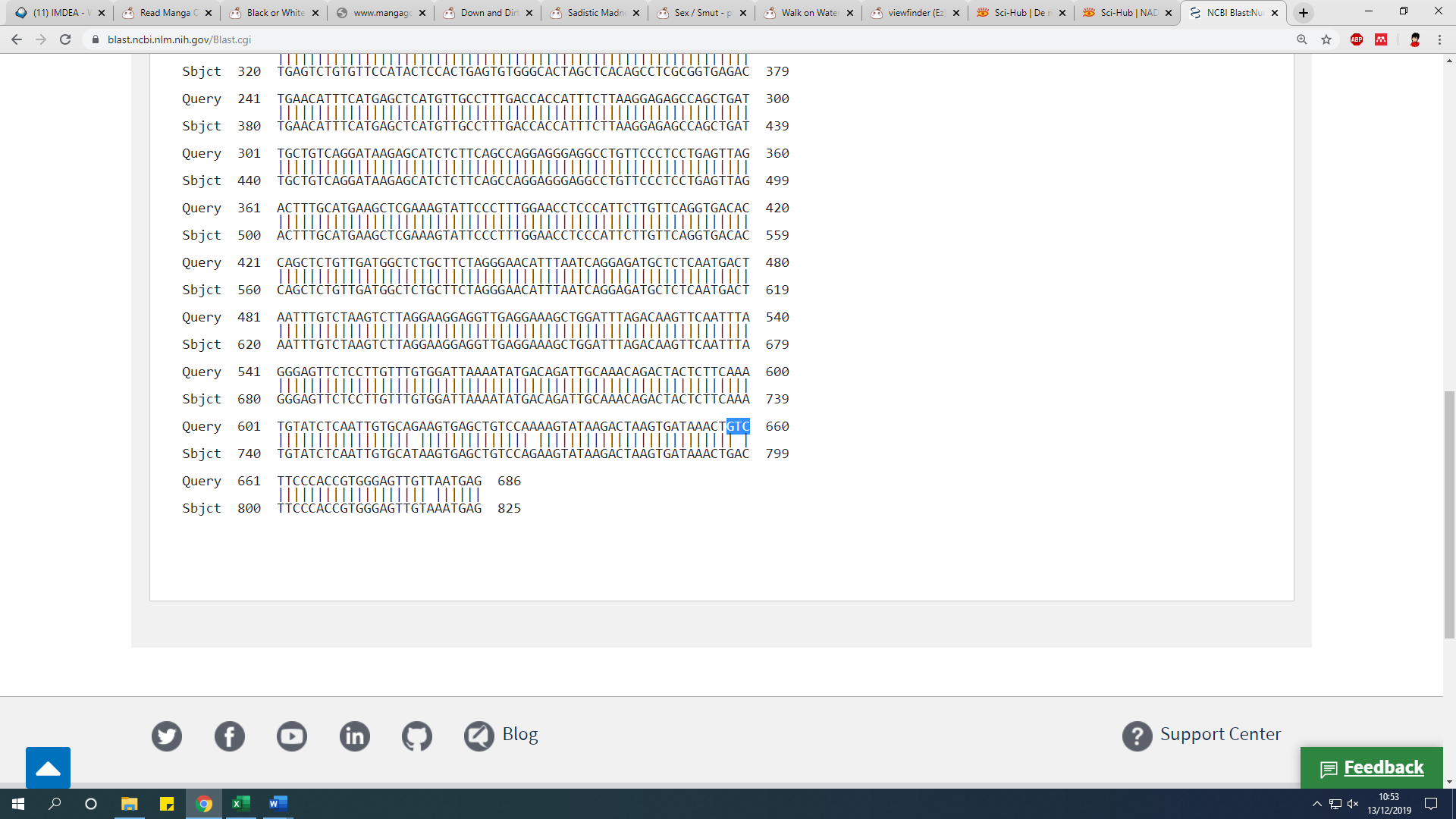
**And Mus musculus succinate dehydrogenase complex, subunit D, integral membrane protein (Sdhd), mRNA**

**Sequence ID:**[**NM\_025848.3**](https://www.ncbi.nlm.nih.gov/nucleotide/NM_025848.3?report=genbank&log$=nuclalign&blast_rank=6&RID=Z6K6ZAHV016)**Length: 1287Number of Matches: 1**

>BUU292\_12162926\_12162926

*AATTCCTAAACCGAGTTCGTGAAGGTGAAGGGCCTCCACTTCAGCCAGGAGGACGCTCCAGATGAAATGGGTAAGTACATCAAGAGCTTCGTGGAGCGCGTGCTGAAGAACGAGCAGTAATTCTAGGCGATCGCTCGAGCCTGGGTGCAGCACTTTGATTGTGTGCCT*🡪**CCTTGCCTCTGCTTTACCAA**TGCCGTTCACCTCGCAGTGAGGGGGGATGAAGGATAAGCCCATTGGTGGGCAGAATGTCTTCTAATTACATGGTTATTTTCAGAATTTATTTGTTGAGGAAGAGGTTTGAGGAGTTAGGTTCGACCATTCGTGAGTCTGTGTTCCATACTCCACTGAGTGTGGGCACTAGCTCACAGCCTCGCGGTGAGACTGAACATTTCATGAGCTCATGTTGCCTTTGACCACCATTTCTTAAGGAGAGCCAGCTGATTGCTGTCAGGATAAGAGCATCTCTTCAGCCAGGAGGGAGGCCTGTTCCCTCCTGAGTTAGACTTTGCATGAAGCTCGAAAGTATTCCCTTTGGAACCTCCCATTCTTGTTCAGGTGACACCAGCTCTGTTGATGGCTCTGCTTCTAGGGAACATTTAATCAGGAGATGCTCTCAATGACTAATTTGTCTAAGTCTTAGGAAGGAGGTTGAGGAAAGCTGGATTTAGACAAGTTCAATTTAGGGAGTTCTCCTTGTTTGTGGATTAAAATATGACAGATTGCAAACAGACTACTCTTCAAATGTATCTCAATTGTGCATAAGTGAGCTGTCCAGAAGTATAAGACTAAGTGATAAACTGACTTCCCA**CCGTGGGAGTTGTAAATGAG***GCGGCCGCTGTGCCCCATAAC*

CAMBIO DE UNA T POR UNA A en la secuencia de unión del miR



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**And Mus musculus succinate dehydrogenase complex, subunit D, integral membrane protein (Sdhd), mRNA**

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