

Table 1 Suppl. List of primers (FP - forward primer, RP - reverse primer).

Gene name		Primer sequence
<i>NCED1</i> FP	full ORF	5'-ATGCAAAGGTTTGCCCTGC-3'
<i>NCED1</i> RP	full ORF	5'-TCATTGGTGCTGTGACTGGA-3'
<i>NCED1</i> FP	RT-qPCR	5'-TGATCAACCCGGCTTTCCTC-3'
<i>NCED1</i> RP	RT-qPCR	5'-CCAAGTACCCGTCATYCCTCG-3'
<i>Actin</i> FP		5'-ATCCTTGTATGCTAGCGGTCGA-3'
<i>Actin</i> RP		5'-ATCCAACCGGAGGATAGCATG-3'

atgcaaggatttgcctgctcactgctcggctcactcactcactcaccatgaagtcctg
M Q R I C P A H C S V T H S L T M K S M
aggctttctacatccctcctgctgcttctgctgctccacagagcccgctatggcagg
R L S Y I P P A A S A A P Q S P S Y G R
aagaagaacgctccgctccgcatcggtgctccgctccaccacgttctcacctcc
K K N A S A A P P S A A A S T T V L T S
ccgctggtagaccaccaccgactcgaagcagaccgagcaagaggacgagcagttggta
P L V T T T R T P K Q T E Q E D E Q L V
gccaaagcaagactacgagaactgttattgctacgacgaatggcaggcgccgagc
A K T K T T R T V I A T T N G R A A P S
cagctcggcctcgccgctgctcccccgcgcgcggcgtggtcgcttcgctgccc
Q S R P R R R P A P A A A A S A A S L P
atgacgtttctgcaacgctgaggaggatcaacacgttcacgaccgctggcgctt
M T F C N A L E E V I N T F I D P P A L
cggcgggcggtggaccgcggaacgtgctgaccagcaacttcgtgcccgtggagcagctg
R P A V D P R N V L T S N F V P V D E L
ccgacgacgctgcccgtcgtgcgccgcatcccgctgctcggcgccgccc
P P T P C P V V R G A I P R C L A G G A
tacatccgcaacgggccaaccgacgacacccgacggcgccgacacacgttgcac
Y I R N G P N P Q H L P R G P H H L F D
ggcgacggcatgctgactccctcctcctccgctgcccgcgtcgtccggcgacgacccc
G D G M L H S L L L P S P A S S G D D P
gtcctgtgctcgctacgtgcagacgtacaagtacctcgtggagcgacgcccggcgcc
V L C S R Y V Q T Y K Y L V E R D A G A
cccgtcctgccaacgtcttctccggcttcacggcgtggcgggatggcgcgccgccc
P V L P N V F S G F H G V A G M A R G A
gtcgtggcgccgaggtcctgaccggcgagatgaatccgttggaggcgctgggctcgcc
V V A A R V L T G Q M N P L E G V G L A
aacaccagctcgcctacttgcggcgccctctacgctcggcgagtcgacaccccc
N T S L A Y F A G R L Y A L G E S D L P
tacgctgctgcgtccaccggacacggcgaggtgaccacgacggcgaggtgcgacttc
Y A V R V H P D T G E V T T H G R C D F
ggcgccgctcgtcatggcgatgaccgacgaccccaagaaggaccccgctaccggcgag
G G R L V M G M T A H P K K D P V T G E
ctcttcgcttccgctacggccccgtgcccgttcgtgacgtacttcgggttcgacccg
L F A F R Y G P V P P F V T Y F R F D P
gccggcaacaaggcgccgacgtgccatcttctccgtgacgacgctcgttctctgcac
A G N K G A D V P I F S V Q Q P S F L H
gacttcgcatcaccgagcggtacgcatcttccggagatccagatcgtgatgaagccc
D F A I T E R Y A I F P E I Q I V M K P
atggacatggtggtggcgccgctgcccgtggggtcggacccggcaaggtgccccgc
M D M V V G G S P V G S D P G K V P R
ctcggcgatcccgctacgccaccgacgagtcggagatgcggtggttcgaggtgccc
L G V I P R Y A T D E S E M R W F E V P
ggcttcaacatcatgcaactcgggaacgctgggaggaggccggcgcgaggagctggtg
G F N I M H S V N A W E E A G G E E L V
ctgggtgcgccaactcctctccatcgagcagccctggagcacatggagctagtgcac
L V A P N V L S I E H A L E H M E L V H
tcctgctgagaaggtgcgcatcaacctccgacccggcgtcgtcacgacgaccccgctc
S C V E K V R I N L R T G V V T R T P L
gccgcccgggaacttcgacttccccgtgatcaaccggcttctcctcgccgcccgaacagg
A A G N F D F P V I N P A F L G R R N R
tacggctacttcggcgtcggcgaccccgcccaagatcgccggcggtggccaagctcgac
Y G Y F G V G D P A P K I G G V A K L D
ttcgaccgcccggcgaggcgactgcaccgtggcgacgacgacttcgggcccgggtgc
F D R A G E G D C T V A Q R D F G P G C
ttcgccggcgaaccgttctcgtggcgacgacgtcagggcaacggcaacgaggtgac
F A G E P F F V A D D V E G N G N E D D
gggtacttgggtgtgctacgtccacgacgaggccacggcgagaaccggttcgtggtgatg
G Y L V C Y V H D E A T G E N R F V V M
gacgacggtgcgggacgtggagatcgtcgaggaggtgcagctgcccggacgctcccc
D A R S P D L E I V A E V Q L P G R V P
tacggcttccatggcctgttcgtcacgacggcgagctcagtcacagaccaatga
Y G F H G L F V T Q A E L Q S Q H Q -

Fig. 2. Nucleotide and amino acid sequence of the *NCED1*.