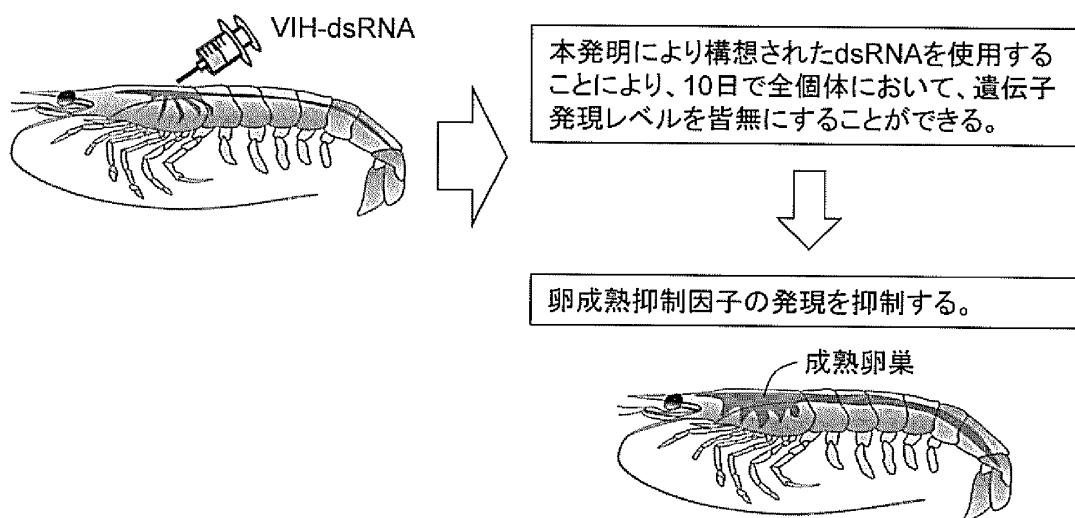
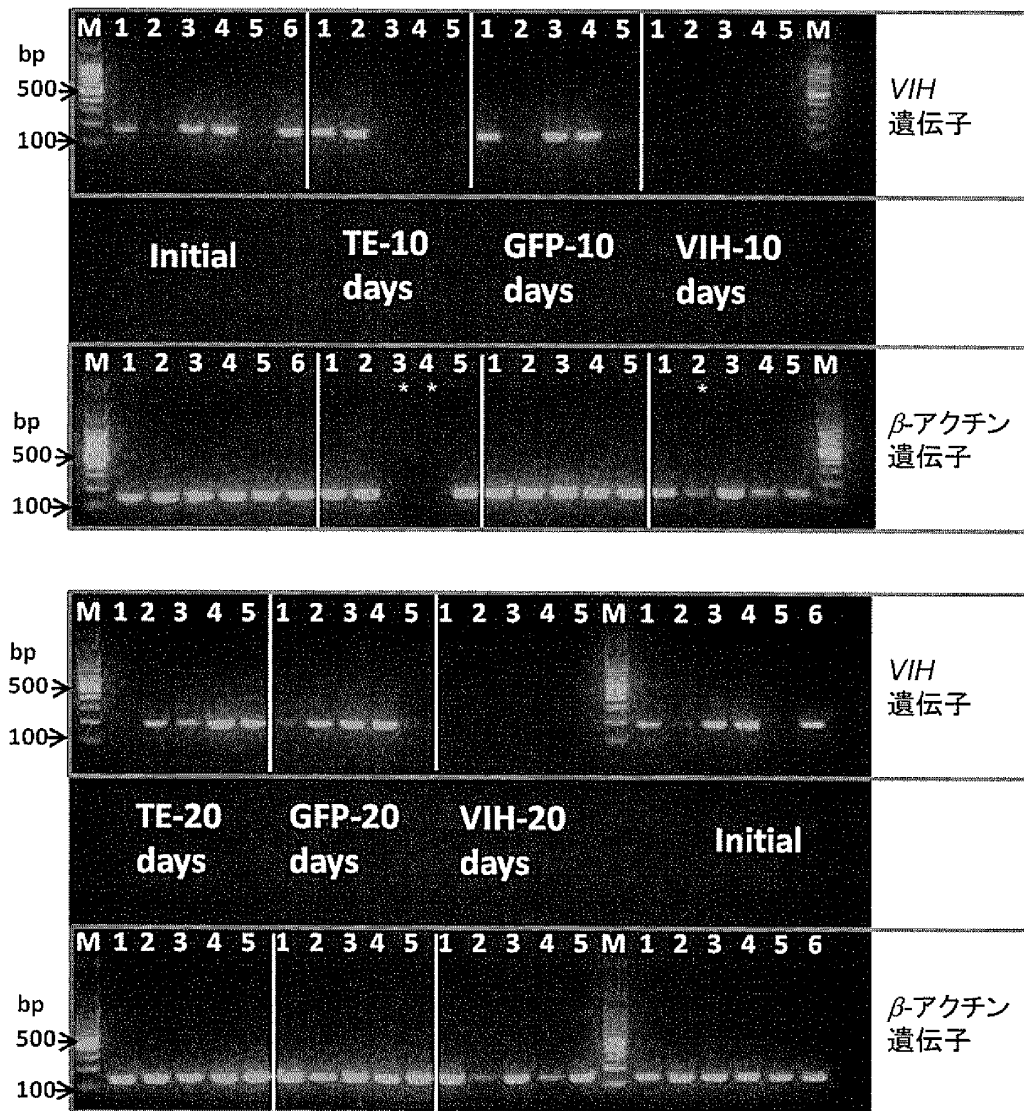


[図1]

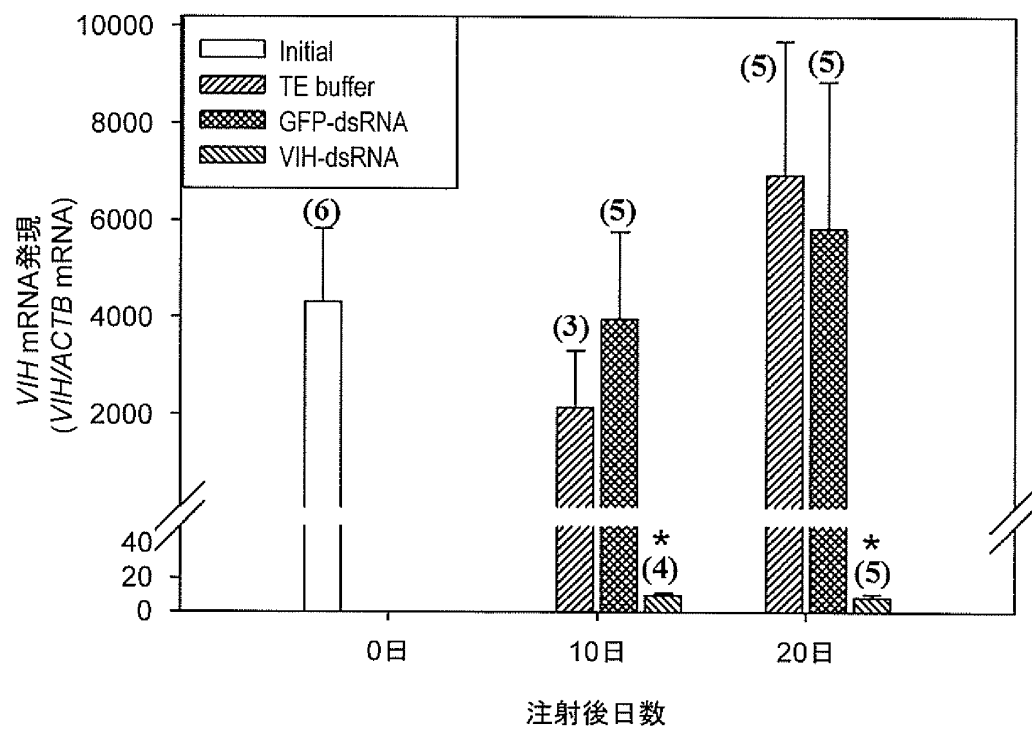


塩基配列: 配列番号9
アミノ酸配列: 配列番号10

[図3]



[図4]



[図5]

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1  AGTGCCTTCACCACATCTAAAGCCGTTGTGATTACACGAGCTATGACTGCCTTCGGTATGGTCAATGTTGTTG : 80
      M T A F R M V W S M L L

      Signal peptide      ↓      CPRP
      GCTTCTTTACTGCTGCTCGGGCGTCTCGCTGCCCCCGCCGACGCTTATCCGCCCTCGGGCAGGCCCTCACCAA :160
13  A S L L L L A A S S A A P A D A L S A P A A G L T K

      Mature SGP-C
      ↓
      ACGCTCGCTCTTCGACCCCTTCCTGSCACCGGCGTCTTCGACCCGGCAGCTCTTCGGGAGGCTGCGTGTGACGACT :240
40  R S L F D P S C T G V F D R Q L L R R L R R V C D D C

      GTTTCACGTATTCAGGGAACCCAAACGTATCTACTGAATGCAGAAAGTAAGTGTACAAACAATGAAGTGTCCGCCAGTGT :320
67  F N V F R E P N V S T E C R S N C Y N N E V F R Q C

      ATGGAATACCTCCTCCCGCCTCACCTTCACGAAGAGCACAGACTAGCTGTCCAGATGGTCTGGGAAATAGATTACGGTTA :400
93  M E Y L L P P H L H E E H R L A V Q M V G K *

      AGACGCTGCAACCCACTTCGCTGACGACAGGAATTCGATGATAGTAAAGGCACCCCTAATTCCTACTTATTCACAGCATA :480
      GCACTGAGTCCCTCGATCGCTGTAAACGAATGGTTTCAATGCTGAAGACTTATCTATGAAATGAAGCTGACTTCCACTCT :560
      AAGAAATAAGAAATGAAGGTGCAGTTTGCCATTATATTGGGACTATCATGACACATTAGTTCGGCCACTGATCACAGT :640
      ATAGAAAAATATATATACACATGAACGCCATTATCAGGAACTGGAGAAAAAATATCACTGAAAAGAGATTGTTCTTAGGA :720
      CTCGAGGCTTTAATTAAACATTAGAAATAGGTATTGTGATGTTTATTATGTTTAAATTTACGAAATAAAGCACTGGCATGC :800
      TAAAAAAAAAAAAAAAAAAAAAAAAA

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塩基配列: 配列番号5
アミノ酸配列: 配列番号6

[図6]

TTGCGTAAACTATGCTTGCCCTACCGTACTATGTGGTCAGCGATAATGGCCCTCTTTGCTGCTGCTGCGGCGTGGTCC : 80
M L A Y R T M W S A I M A S L L L L L A A S S

↓ Mature SGP-A

GCTGCCCGCCGACGCCCTTATCCGCCCCCTGCGGCAGGCCCTCACCAACGCTCGCTATTCGACCCCTTCCTGCAGCGGCGT : 160
A A P A D A L S A P A A G L T K R S L F D P S C S G V

CTTCGACCGGCAGCTCTTCGGAGGCTGCGTGGAGTGTGTGATGACTGTTTCAACGTATTTAGGGAACCCAAACGTAGCTA : 240
F D R Q L L R R L R R V C D D C F N V F R E P N V A I

TTGATTGCAGGGAGAACTGTTACAACAACGAAGTGTCCGCCAGTGCGATGGCATACGTGTTCCCGCAAACCTCCACGAC : 320
D C R E N C Y N N E V F R Q C M A Y V V P A N L H D

GAACACAGGCAAGCCGTGCAGATGTCGGCAAGTAAACTACTTC
E H R Q A V Q M V G K *

塩基配列: 配列番号1
アミノ酸配列: 配列番号2

[図7]

GAAGAGCCTCGAAGTCGCCGTCTCTCCTCCCGATTTCGAGTCGACGCCGAGGAAATGATTGGGTTTCGACTGGTGGTTCA : 80
M I G V R L V R S

GCTGTCCTGGTATCCCTGCTGTAGTGTCCCGCCCTCTGTCTCGCCTCTTGGGACGGAATGAAATCCCTCCGTCCCT : 160
A V L V S L L L V F P A S V L A S W D G N E I P P S L

↓ Mature SGP-B

GCCTTCCTCCTCAGAAATCCTCTCCTGCGACCCCCCTCGCGGAGCCCGACCCGCAACAAAGCCGACATATCCTTCGACT : 240
P S S S E S S P A T P L A G A Q T A N K R S I S F D S

CGTGACGGGCGTCTACGACCGCGAACTCCTTGTAAGGCTCGACCGCGTGTCGAAGACTGCTACAACCTGTACCGCGAC : 320
C T G V Y D R E L L V R L D R V C E D C Y N L Y R D

ACCGACGTGGCGGTGCAATGCAGGAGCAACTGTTCACAAACGAGGTATTCCTGTACTGCGTCGACTACATGTACCGGCC : 400
T D V A V E C R S N C F H N E V F L Y C V D Y M Y R P

TCGCCAAAGGAACCAAGTACCGGGCCCTGCAGAGGCTCGGCAAGTAGG
R Q R N Q Y R A A L Q R L G K *

塩基配列: 配列番号3
アミノ酸配列: 配列番号4

[図8]

GAAAGGACCTCGTTGCAATTGAGTATTTTCGAGTTTCGGGTCAATTTACAATGGTACTTCAATACATGCTGTCTGCGGCCCT : 80
M V L Q Y M L S A A L

GCTGGTGCTCGCCGCCCTCGTCCCTCGCCCGCCCGCCCGCTCCCTCGACGGCGGCCCTTCGTCGTGCTCCTCAGGAAGCC : 160
L V L A A S S P A A A R S L D A A P S S A S S G S H

↓ Mature SGP-F

ACAGCCTCAGCAAGCGCTCCCTCTTCGACCCCGCGGTGCACCGGCATCTACGACCGGCAGCTGCTGGGCAAGCTGGGGCGC : 240
S L S K R S L F D P A C T G I Y D R Q L L G K L G R

CTGTGCGACGACTGCTACAACGTGTTCGGGGAGCCCAAGGTGGCCACGGGATGCAGAGTAAGTGTACTACAACCTCAT : 320
L C D D C Y N V F R E P K V A T G C R S N C Y Y N L I

CTTCCTCGACTGCCCTCGAGTACCTGATCCCAGGCCACCTTCAGGAGGAGCACATGTGCGGCCCTGCAGACCGTCGGCAAT : 400
F L D C L E Y L I P S H L Q E E H M S A L Q T V G K *

AAAG

塩基配列: 配列番号7
アミノ酸配列: 配列番号8

[図9]

