SEQUENCE LISTING

Sequence ID. No. 1 (PF3a)
Length: 592
Type: DNA
Organism: Artificial
Other Information: synthetic sequence

```
1   ATGGCACATC ACCACCACCA TCACGTGAAC AAGAGCAAGG AATTGCAAGA GAAAATCATT 60
61  CGAGAACTTG ATGTTGTTTG CGCCATGATC GAAGGAGCCC AAGGAGCTTT GGAACGTGAA 120
121 TTGAAGCGAA CTGATCTTAA CATTTTGGAA CGATTCAACT ACGAACAACG TGAGGAAGCT 180
181 TATGAGCAAC AAATCCGAAT GATGACCGGC AAGCTCAAGG ATTTTAATCT TTATGAATAT 240
241 TTGTGCCATG TCAAGGTGAT GGTGCCCGAA GTGTTCGGTG ATTTTAAAAT GACTGAGTCA 300
301 AGTAGCAATT TTGAAACGAT TAGACGCATT CCGTCATTAT GATGGCCGAA CAATCATTCA 360
361 ACGCGATGTT CCCGGTATCG ATCCAAATGC ATGCCATTAT ATGAAATGTC CATTGGTTAA 420
421 AGGACAACAA TATGATATTA AATATACATG GAATGTTCCA AAAATTGCAC CAAAATCTGA 480
481 AAATGTTGTC GTCACTAGTG AAGATGGTGT TGTCAAAGCT CATTTGTTGG TCGGTGTTCA 540
541 TGATGACGTT GTTTCAATGG AATATGATTT AGCATACAAA TTGGGTGATT AA          592
```

Sequence ID. No. 2
Length: 196
Type: protein
Organism: Artificial
Other Information: Peptide fusion protein homologous to mite allergens

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1   MAHHHHHHVN KSKELQEKII RELDVVCAMI EGAQGALERE LKRTDLNILE RFNYEQREEA  60
61  YEQQIRMMTG KLKDFNLYEY LCHVKVMVPE VFGDFKMTES VAILKRLDAF RHYDGRTIIQ 120
121 RDVPGIDPNA CHYMKCPLVK GQQYDIKYTW NVPKIAPKSE NVVVTSEDGV VKAHLLVGVH 180
181 DDVVSMEYDL AYKLGD    196
```

Sequence ID. No. 3
Length: 459
Type: DNA
Organism: Artificial
Other Information: synthetic sequence

```
1   ATGGCACATC ACCACCACCA TCACGTGAAC AAGAGCAAGG AATTGCAAGA GAAAATCATT 60
61  CGAGAACTTG ATGTTGTTTG CGCCATGATC GAAGGAGCCC AAGGAGCTTT GGAACGTGAA 120
121 TTGAAGCGAA CTGATCTTAA CATTTTGGAA CGATTCAACT ACGAACGTCG TATTCAATTG 180
181 ATCGAAGAAG ATTTGGAACG ATCAGAAGAA CGACTTAAAA TTGCAACAGC TAAATTGGAA 240
241 GAAGCATCAC AATCTGCCAT AATATGTTCC AAATCTGGTT CATTGTGGTA CATTACCGTA 300
301 ATGCCATGTT CGATTGGAGA TTTTAAAATG ACTGAGTCAG TAGCAATTTT GAAACGACGT 360
361 AGTTTGAGTA CGTTCGAAGG TGACAACAAG TTTATTCACA CCGAACCCGA TGATCATCAC 420
421 GAAAAGCCAA CGACCCAGTG CACCCATGAG GAGACATGA                          459
```

Sequence ID. No. 4 (PF 14c)
Length: 152
Type: protein
Organism: Artificial
Other Information: Peptide fusion protein homologous to mite allergens

```
1   MAHHHHHHVN KSKELQEKII RELDVVCAMI EGAQGALERE LKRTDLNILE RFNYERRIQL  60
61  IEEDLERSEE RLKIATAKLE EASQSAIICS KSGSLWYITV MPCSIGDFKM TESVAILKRR 120
121 SLSTFEGDNK FIHTEPDDHH EKPTTQCTHE ET  152
=
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