

SEQUENCE LISTING

<110> Yusuke Mimura
Yuka Mimura

<120> Anti-inflammatory non-fucosylated immunoglobulins

<130> Q21-068WO

<150> JP2021-024790

<151> 2021-02-19

<160> 2

<210> 1

<211> 1082

<212> DNA

<213> Artificial Sequence

<220>

<223> enzyme

<400> 1

```
CCATGGCCCA TATGATGAAC GACAACGTCG CCTGGTTCAA ACAGGCCAAA TACGGCATGA
TGATCCACTG GGGTCTGTAT AGTCTGCTGG CTGGCGAATA TCGCGGTGAA AGTAGTAGC
G CATACGCAGA ATGGATTGAG AGCAAATTCC AGATCCCGAA CGCAGAATAC GGCAATCT
GG CGACCGCGTT TAATCCGCTG TACTTCGACG CGAAAAAGAT TGTCGCTCTG GCTAAAC
AGT GCGGTATGCA GTACCTGGTT GTTACCACCA AACATCACGA CGGCTTTGCG ATGTACC
ATA GCAAAGTCGA CGCGTATAAC GTCTACGACG CAACCCCGTT TCACCGCGAT ATTATTG
GCG AACTGGCTGA AGCTTGCCAG AAAGCTGGTC TGAAATTTGG CCTGTACTAC AGCCAG
GATC TGGATTGGCA CGATCCGAAT GGCGGCGGTT ATAAAAGTAA CGACGTCGAA ACCGC
AGGTA CCACCTGGGA TAATAGTTGG GATTTCCCGG ACGAAGACCA GAAAAACTTC GACC
TGTGCT TCGACAACAA AATCCTGCCG CAGATCAAAG AGATCATGAG CAACTACGGC GAT
ATTGCGA CCGCTTGGTT TGATGTTCCG ATGACCCTGT CTGAAGCACA GAGTCAGACC ATC
TACGATA CCGTTCGCGA ACTGCAACCG AACTGTCTGA TTAACAGCCG TCTGGGCAAC GG
CAAATACG ATTTGTTAG CCTGGGCGAC AACGAGATCC CGAAAAACAA AGAGGACATG
AACAAAACCG ACGTCGACTA CAACGAAATC ACCGGCTTTA AACCGAGTCC GCTGGGTCT
G TACGAAACCG CAGGTACCAT TAACGATAGC TGGGGTTTCT CCTATCACGA TCAGAACTG
G AAAACCCCGC GTACCCTGTA TCGTTACAAA CAGCACCTGA ACGACTTCGG GATCAACT
AC CTGCTGAACG TAGGTCTGGA CCCGCTGGGT CGCGTTCCGA TGATGGCTGA AGAAAAT
CTG CTGGCAGCGA AAGCTCTGGA AGATGAAGCA AATCGTGCGG CCGCactga gcaccaccac c
accaccact ga
```

<210> 2

<211> 2924

<212> DNA

<213> Artificial Sequence

<220>

<223> enzyme

<400> 2

CATATGGAAG AGAAGACAGT TCAGGTTTCAG AAGGGCCTGC CGAGCATCGA CAGTCTGCA
 T TACTTAAAGTG AGAATAGCAA GAAAGAATTC AAAGAGGAAC TGAGTAAGGC AGGTTCAG
 GAA AGCCAGAAAG TTAAGGAGAT TCTGGCAAAA GCCCAGCAGG CCGATAAACA GGCAC
 AGGAA TTAGCCAAGA TGAAGATCCC GGAGAAGATT CCGATGAAAC CGTTACACGG CCC
 GCTGTAT GGTGGCTATT TTCGCACCTG GCATGACAAA ACCAGCGACC CGACCGAGAA AG
 ACAAGGTG AATAGCATGG GTGAACTGCC GAAAGAGGTG GATCTGGCCT TCATCTTCCA C
 GACTGGACC AAGGATTACA GTCTGTTCTG GAAAGAATTA GCCACAAAAC ACGTTCCGAA
 ATTAAACAAG CAGGGCACCC GTGTGATTTCG CACAATTCCT TGGCGTTTCC TGGCCGGCGG
 CGATAACAGC GGTATTGCCG AAGATACCAG CAAGTATCCT AACACCCCGG AGGGCAATA
 A GGCACCTGGCC AAAGCCATTG TTGACGAGTA CGTGTACAAG TACAACCTGG ATGGCCTG
 GA CGTTCAGGTG GAACACGATA GCATTCCGAA AGTGGACAAA AAAGAAGACA CCGCCG
 GCGT TGAACGCAGC ATCCAGGTTT TTGAGGAAAT CGGCAAGCTG ATCGGTCCGA AAGG
 CGTTGA CAAGAGCCGC CTGTTTCATCA TGGATAGCAC CTACATGGCC GACAAGAATC CGT
 TAATCGA ACGTGGCGCC CTTACATTA ACCTGCTGTT AGTTCAGGTG TACGGCAGTC AGG
 GTGAAAA GGGCGGTTGG GAACCGGTTA GCAACCGCCC GGAGAAGACC ATGGAGGAAC
 GTTGGCAGGG TTATAGCAAG TACATCCGCC CGGAGCAGTA CATGATTGGC TTCAGCTTCT
 ATGAGGAAAA CGCCAGGAA GGCAACCTGT GGTATGATAT CAACAGCCGC AAGGATGAA
 G ACAAGGCAAA TGGCATTAAAT ACAGATATTA CCGGCACACG CGCCGAACGC TATGCACG
 TT GGCAACCGAA GACAGGTGGC GTGAAAGGCG GTATCTTCAG CTACGCAATC GACCGT
 GATG GCGTGGCCCA TCAGCCGAAG AAATATGCCA AACAGAAGGA GTTTAAGGAC GCCA
 CAGACA ACATCTTCCA TAGCGACTAT AGCGTTAGCA AGGCCCTGAA GACAGTTATG CTG
 AAGGACA AAAGCTATGA TCTGATTGAT GAAAAAGACT TTCCGGACAA GGCCCTGCGC G
 AAGCAGTTA TGGCCAGGT TGGCACCCGT AAAGGCGACC TGGAACGCTT CAATGGTACA
 CTGCGCCTGG ATAATCCGGC CATTAGAGT CTGGAAGGCC TGAATAAATT TAAAAAGCTG
 GCCCAGCTGG ATCTGATCGG TCTGAGCCGC ATCACAAAGC TGGACCGTAG CGTGCTGCCT
 GCAAACATGA AGCCGGGCAA AGACACACTG GAAACCGTGC TGGAAACCTA TAAAAAA
 GAC AATAAAGAAG AGCCTGCAAC CATTCCGCCT GTTAGCCTGA AAGTGAGCGG CCTGA
 CCGGT CTGAAGGAAC TGGACCTGAG CGGTTTCGAC CGTGAAACCC TGGCAGGTCT GGA
 TGCAGCC ACATTAAACA GTTTAGAAAA AGTTGACATC AGCGGCAATA AACTGGACCT GG
 CACCGGGC ACCGAGAACC GCCAGATCTT CGACACCATG CTGAGCACCA TCAGCAATCA T
 GTTGGCAGC AATGAACAGA CCGTGAAATT TGACAAACAG AAGCCGACCG GCCACTATCC
 GGACACCTAC GGCAAAACAA GCCTGCGCCT GCCTGTGGCC AACGAAAAAG TGGATCTGC
 A GAGCCAGCTG CTGTTCCGTA CCGTTACCAA CCAGGGTACC CTGATCAATA GTGAAGCA
 GA CTATAAAGCA TACCAGAATC ATAAGATCGC CGGCCGTAGC TTTGTGGATA GCAACTAT
 CA CTACAACAAT TTCAAGGTGA GCTATGAAAA CTACACGGTT AAAGTGACCG ATAGCAC
 ACT GGGTACCACA ACCGATAAAA CACTGGCCAC CGATAAAGAG GAGACATACA AAGTG
 GACTT CTTTAGCCCG GCCGACAAAA CCAAAGCAGT GCACACCGCC AAAGTTATTG TGGG
 TGACGA AAAAACCATG ATGGTGAATT TAGCCGAGGG CGCCACAGTG ATCGGTGGCA GT
 GCCGATCC TGTGAATGCC CGTAAGGTGT TTGATGGTCA GCTGGGCAGT GAAACAGACA A
 CATTAGCCT GGGTTGGGAT AGCAAGCAGA GCATTATCTT TAAACTGAAG GAAGATGGTT T
 AATCAAGCA CTGGCGCTTT TTCAATGACA GCGCCCGTAA CCCTGAAACA ACCAACAAGC

CGATCCAAGA GCGGAGTCTG CAGATCTTCA ATATTAAGGA CTACAACCTG GACAATTTAC
TGGAAAATCC GAACAAATTC GATGATGAGA AGTACTGGAT TACCGTGGAT ACCTATAGTG
CCCAGGGCGA GCGCGCAACA GCCTTTAGTA ACACACTGAA TAATATCACC AGCAAATATT
GGCGCGTGGT GTTCGACACA AAAGGCGACC GCTATAGTAG CCCGGTGGTT CCGGAATTAC
AAATCCTGGG CTACCCGCTG CCGAACGCAG ACACCATTAT GAAGACCGTG ACCACCGCC
A AAGAACTGAG TCAGCAGAAG GATAAGTTTA GCCAGAAAAT GCTGGATGAA CTGAAAA
TCA AAGAAATGGC ACTGGAAACA AGTCTGAATA GCAAAATTTT TGATGTGACA GCCATC
AACG CCAATGCAGG CGTTCTGAAA GACTGTATTG AAAAGCGCCA GCTGCTGAAG AAAC
ATCATC ATCATCATCA TCATCACCAC CACTAAGCGG CCGC