

JPOXMLDOC01-seq1
SEQUENCE LISTING

<110> Fuji Film Corporation
<120> Method of immobiliizng a short chain polypeptide on a carrier and
a carrier-immobilized short chain polypeptide
<130> W-5661PCT
<150> JP2015-081768
<151> 2015-04-13
<150> JP2015-173944
<151> 2015-09-03
<160> 46
<170> PatentIn version 3.5
<210> 1
<211> 7
<212> PRT
<213> Artificial Sequence
<220>
<223> Seq_ID_No.1: EQQNAFY
<400> 1
Glu Gln Gln Asn Ala Phe Tyr
1 5

<210> 2
<211> 11
<212> PRT
<213> Artificial Sequence
<220>
<223> Seq_ID_No.2: EQQNAFYEILH
<400> 2
Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His
1 5 10

<210> 3
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> Seq_ID_No.3: EQQNAFYEILHL
<400> 3
Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Leu
1 5 10

<210> 4
<211> 7
<212> PRT
<213> Artificial Sequence
<220>
<223> Seq_ID_No.4: EGQNAFY

<400> 4

Glu Gly Gln Asn Ala Phe Tyr
1 5

<210> 5

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.5: EGQNAFYEILH

<400> 5

Glu Gly Gln Asn Ala Phe Tyr Glu Ile Leu His
1 5 10

<210> 6

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.6: EGQNAFYEILHL

<400> 6

Glu Gly Gln Asn Ala Phe Tyr Glu Ile Leu His Leu
1 5 10

<210> 7

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.7: EQNAFY

<400> 7

Glu Gln Asn Ala Phe Tyr
1 5

<210> 8

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.8: EQNAFYEILH

<400> 8

Glu Gln Asn Ala Phe Tyr Glu Ile Leu His
1 5 10

<210> 9

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.9: EQNAFYEILHL

<400> 9

Glu Gln Asn Ala Phe Tyr Glu Ile Leu His Leu
 1 5 10

<210> 10

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.10: EQQSAFY

<400> 10

Glu Gln Gln Ser Ala Phe Tyr
 1 5

<210> 11

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.11: EQQSAFYEILH

<400> 11

Glu Gln Gln Ser Ala Phe Tyr Glu Ile Leu His
 1 5 10

<210> 12

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.12: EQQSAFYEILHL

<400> 12

Glu Gln Gln Ser Ala Phe Tyr Glu Ile Leu His Leu
 1 5 10

<210> 13

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.13: DQQSAFY

<400> 13

Asp Gln Gln Ser Ala Phe Tyr
 1 5

<210> 14

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.14: DQQSAFYEILH

<400> 14

Asp Gln Gln Ser Ala Phe Tyr Glu Ile Leu His
1 5 10

<210> 15

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.15: DQQSAFYEILHL

<400> 15

Asp Gln Gln Ser Ala Phe Tyr Glu Ile Leu His Leu
1 5 10

<210> 16

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.16: EAQQSAFY

<400> 16

Glu Ala Gln Gln Ser Ala Phe Tyr
1 5

<210> 17

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.17: EAQQSAFYEILH

<400> 17

Glu Ala Gln Gln Ser Ala Phe Tyr Glu Ile Leu His
1 5 10

<210> 18

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.18: EAQQSAFYEILHL

<400> 18

Glu Ala Gln Gln Ser Ala Phe Tyr Glu Ile Leu His Leu
1 5 10

<210> 19

<211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.19: EQSAFY

<400> 19

Glu Gln Ser Ala Phe Tyr
 1 5

<210> 20
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.20: EQSAFYEILH

<400> 20

Glu Gln Ser Ala Phe Tyr Glu Ile Leu His
 1 5 10

<210> 21
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.21: EQSAFYEILHL

<400> 21

Glu Gln Ser Ala Phe Tyr Glu Ile Leu His Leu
 1 5 10

<210> 22
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.22: EAQQNAFY

<400> 22

Glu Ala Gln Gln Asn Ala Phe Tyr
 1 5

<210> 23
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.23: EAQQNAFYEILH

<400> 23

Glu Ala Gln Gln Asn Ala Phe Tyr Glu Ile Leu His
 1 5 10

JPOXMLDOC01-seq1

<210> 24
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.24: EAQQNAFYEILHL

<400> 24

Glu Ala Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Leu
 1 5 10

<210> 25
 <211> 8
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.25: DAQQSAFY

<400> 25

Asp Ala Gln Gln Ser Ala Phe Tyr
 1 5

<210> 26
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.26: DAQQSAFYEILH

<400> 26

Asp Ala Gln Gln Ser Ala Phe Tyr Glu Ile Leu His
 1 5 10

<210> 27
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.27: DAQQSAFYEILHL

<400> 27

Asp Ala Gln Gln Ser Ala Phe Tyr Glu Ile Leu His Leu
 1 5 10

<210> 28
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.28: DQSAFY

<400> 28

Asp Gln Ser Ala Phe Tyr

1

5

<210> 29
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.29: DQSAFYEILH
 <400> 29

Asp Gln Ser Ala Phe Tyr Glu Ile Leu His
 1 5 10

<210> 30
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.30: DQSAFYEILHL
 <400> 30

Asp Gln Ser Ala Phe Tyr Glu Ile Leu His Leu
 1 5 10

<210> 31
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.31: EQQKKFY
 <400> 31

Glu Gln Gln Lys Lys Phe Tyr
 1 5

<210> 32
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.32: EQQNKFY
 <400> 32

Glu Gln Gln Asn Lys Phe Tyr
 1 5

<210> 33
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.33: EQQSKFY
 <400> 33

Glu Gln Gln Ser Lys Phe Tyr
1 5

<210> 34
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Seq_ID_No.34: EQQKAFY

<400> 34

Glu Gln Gln Lys Ala Phe Tyr
1 5

<210> 35
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Seq_ID_No.35: EAQQKKFY

<400> 35

Glu Ala Gln Gln Lys Lys Phe Tyr
1 5

<210> 36
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Seq_ID_No.: EAQQNKFY

<400> 36

Glu Ala Gln Gln Asn Lys Phe Tyr
1 5

<210> 37
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Seq_ID_No.37: EAQQSKFY

<400> 37

Glu Ala Gln Gln Ser Lys Phe Tyr
1 5

<210> 38
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Seq_ID_No.: EAQQKAFY

<400> 38

Glu Ala Gln Gln Lys Ala Phe Tyr
1 5

<210> 39

<211> 34

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.39: KKKKKEQQNAFYEILHLPNLTEEQRNAFIQSLRD

<220>

<221> SIMILAR

<222> (6)..(12)

<223> SEQ ID No.1: EQQNAFY

<220>

<221> SIMILAR

<222> (6)..(16)

<223> SEQ ID No.2: EQQNAFYEILH

<220>

<221> SIMILAR

<222> (6)..(17)

<223> SEQ ID No.3: EQQNAFYEILHL

<400> 39

Lys Lys Lys Lys Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His
1 5 10 15

Leu Pro Asn Leu Thr Glu Glu Gln Arg Asn Ala Phe Ile Gln Ser Leu
20 25 30

Arg Asp

<210> 40

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Seq_ID_No.40: KKKKKEQQNAFYEILH

<220>

<221> SIMILAR

<222> (6)..(12)

<223> SEQ ID No.1: EQQNAFY

<220>

<221> SIMILAR

<222> (6)..(16)

<223> SEQ ID No.2: EQQNAFYEILH

<400> 40

Lys Lys Lys Lys Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His
1 5 10 15

JPOXMLDOC01-seq1

<210> 41
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.41: KKKEQQNAFYEILHKKK

<220>
 <221> SIMILAR
 <222> (4)..(14)
 <223> SEQ ID No.2: EQQNAFYEILH

<220>
 <221> SIMILAR
 <222> (4)..(10)
 <223> SEQ ID No.1: EQQNAFY

<400> 41

Lys Lys Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Lys Lys
 1 5 10 15

Lys

<210> 42
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.62: KKKKEQQNAFYEILHKKKK

<220>
 <221> SIMILAR
 <222> (5)..(11)
 <223> SEQ ID No.1: EQQNAFY

<220>
 <221> SIMILAR
 <222> (5)..(15)
 <223> SEQ ID No.2: EQQNAFYEILH

<400> 42

Lys Lys Lys Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Lys
 1 5 10 15

Lys Lys Lys

<210> 43
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.43: Ac-KAAKEQQKAFYKILH; "Ac-" indicates N-acetylation.

JPOXMLDOC01-seq1

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> ACETYLTATION

<400> 43

Lys Ala Ala Lys Glu Gln Gln Lys Ala Phe Tyr Lys Ile Leu His
 1 5 10 15

<210> 44
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.44: KKRREQQNAFYEILHKRRKK

<400> 44

Lys Lys Arg Arg Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Lys
 1 5 10 15

Arg Arg Lys Lys
 20

<210> 45
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.45: KKRKEQQNAFYEILHKRRKK

<400> 45

Lys Lys Arg Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Lys
 1 5 10 15

Arg Arg Lys Lys
 20

<210> 46
 <211> 16
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Seq_ID_No.46: KKRKEQQKKFYKKLHK

<400> 46

Lys Lys Arg Lys Glu Gln Gln Lys Lys Phe Tyr Lys Lys Leu His Lys
 1 5 10 15