SEQUENCE LISTING

<110> THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES

<120> METHODS FOR SELECTIVELY EXPANDING CELLS EXPRESSING A TCR WITH A MURINE CONSTANT REGION

<130> 740358

<150> US 62/568,339
<151> 2017-10-05

<160> 6

<170> PatentIn version 3.5

<210> 1
<211> 173
<212> PRT
<213> Mus musculus

<400> 1

Glu Asp Leu Arg Asn Val Thr Pro Pro Lys Val Ser Leu Phe Glu Pro
1 5 10 15

Ser Lys Ala Glu Ile Ala Asn Lys Gln Lys Ala Thr Leu Val Cys Leu
20 25 30

Ala Arg Gly Phe Phe Pro Asp His Val Glu Leu Ser Trp Trp Val Asn
35 40 45

Gly Lys Glu Val His Ser Gly Val Ser Thr Asp Pro Gln Ala Tyr Lys
50 55 60

Glu Ser Asn Tyr Ser Tyr Cys Leu Ser Ser Arg Leu Arg Val Ser Ala
65 70 75 80

Thr Phe Trp His Asn Pro Arg Asn His Phe Arg Cys Gln Val Gln Phe
85 90 95

His Gly Leu Ser Glu Glu Asp Lys Trp Pro Glu Gly Ser Pro Lys Pro
100 105 110

Val Thr Gln Asn Ile Ser Ala Glu Ala Trp Gly Arg Ala Asp Cys Gly
115 120 125

```
Ile Thr Ser Ala Ser Tyr Gln Gln Gly Val Leu Ser Ala Thr Ile Leu
    130                 135                 140

Tyr Glu Ile Leu Leu Gly Lys Ala Thr Leu Tyr Ala Val Leu Val Ser
145                 150                 155                 160

Thr Leu Val Val Met Ala Met Val Lys Arg Lys Asn Ser
                165                 170
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<210> 2
<211> 109
<212> PRT
<213> Mus musculus

<400> 2

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Asp Leu Arg Asn Val Thr Pro Pro Lys Val Ser Leu Phe Glu Pro Ser
1               5                   10                  15

Lys Ala Glu Ile Ala Asn Lys Gln Lys Ala Thr Leu Val Cys Leu Ala
            20                  25                  30

Arg Gly Phe Phe Pro Asp His Val Glu Leu Ser Trp Trp Val Asn Gly
        35                  40                  45

Lys Glu Val His Ser Gly Val Ser Thr Asp Pro Gln Ala Tyr Lys Glu
    50                  55                  60

Ser Asn Tyr Ser Tyr Cys Leu Ser Ser Arg Leu Arg Val Ser Ala Thr
65                  70                  75                  80

Phe Trp His Asn Pro Arg Asn His Phe Arg Cys Gln Val Gln Phe His
                85                  90                  95

Gly Leu Ser Glu Glu Asp Lys Trp Pro Glu Gly Ser Pro
            100                 105
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<210> 3
<211> 121
<212> PRT
<213> Armenian hamster

<400> 3

Glu Val Tyr Leu Val Glu Ser Gly Gly Asp Leu Val Gln Pro Gly Ser
1 5 10 15

Ser Leu Lys Val Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asp Phe
20 25 30

Trp Met Tyr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Arg Ile Lys Asn Ile Pro Asn Asn Tyr Ala Thr Glu Tyr Ala Asp
50 55 60

Ser Val Arg Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Arg Asn Ser
65 70 75 80

Ile Tyr Leu Gln Met Asn Arg Leu Arg Val Asp Asp Thr Ala Ile Tyr
85 90 95

Tyr Cys Thr Arg Ala Gly Arg Phe Asp His Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Met Val Thr Val Ser Ser Ala
115 120

<210> 4
<211> 110
<212> PRT
<213> Armenian hamster

<400> 4

Tyr Glu Leu Ile Gln Pro Ser Ser Ala Ser Val Thr Val Gly Glu Thr
1 5 10 15

Val Lys Ile Thr Cys Ser Gly Asp Gln Leu Pro Lys Asn Phe Ala Tyr
20 25 30

Trp Phe Gln Gln Lys Ser Asp Lys Asn Ile Leu Leu Leu Ile Tyr Met
35 40 45

Asp Asn Lys Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser Thr

```
    50                  55                  60

Ser Gly Thr Thr Ala Thr Leu Thr Ile Ser Gly Ala Gln Pro Glu Asp
65                  70                  75                  80

Glu Ala Ala Tyr Tyr Cys Leu Ser Ser Tyr Gly Asp Asn Asn Asp Leu
                85                  90                  95

Val Phe Gly Ser Gly Thr Gln Leu Thr Val Leu Arg Gly Pro
            100                 105                 110
```

<210> 5
<211> 222
<212> PRT
<213> Armenian hamster

<400> 5

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Glu Val Tyr Leu Val Glu Ser Gly Gly Asp Leu Val Gln Pro Gly Ser
1               5                   10                  15

Ser Leu Lys Val Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asp Phe
            20                  25                  30

Trp Met Tyr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Gly Arg Ile Lys Asn Ile Pro Asn Asn Tyr Ala Thr Glu Tyr Ala Asp
    50                  55                  60

Ser Val Arg Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Arg Asn Ser
65                  70                  75                  80

Ile Tyr Leu Gln Met Asn Arg Leu Arg Val Asp Asp Thr Ala Ile Tyr
                85                  90                  95

Tyr Cys Thr Arg Ala Gly Arg Phe Asp His Phe Asp Tyr Trp Gly Gln
            100                 105                 110

Gly Thr Met Val Thr Val Ser Ser Ala Thr Thr Thr Ala Pro Ser Val
        115                 120                 125
```

```
Tyr Pro Leu Ala Pro Ala Cys Asp Ser Thr Thr Ser Thr Thr Asp Thr
    130                 135                 140

Val Thr Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr
145                 150                 155                 160

Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro
                165                 170                 175

Ser Val Leu His Ser Gly Leu Tyr Ser Leu Ser Ser Ser Val Thr Val
            180                 185                 190

Pro Ser Ser Thr Trp Pro Lys Gln Pro Ile Thr Cys Asn Val Ala His
        195                 200                 205

Pro Ala Ser Ser Thr Lys Val Asp Lys Lys Ile Glu Pro Arg
    210                 215                 220
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<210> 6
<211> 212
<212> PRT
<213> Armenian hamster

<400> 6

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Tyr Glu Leu Ile Gln Pro Ser Ser Ala Ser Val Thr Val Gly Glu Thr
1               5                   10                  15

Val Lys Ile Thr Cys Ser Gly Asp Gln Leu Pro Lys Asn Phe Ala Tyr
            20                  25                  30

Trp Phe Gln Gln Lys Ser Asp Lys Asn Ile Leu Leu Leu Ile Tyr Met
        35                  40                  45

Asp Asn Lys Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser Thr
    50                  55                  60

Ser Gly Thr Thr Ala Thr Leu Thr Ile Ser Gly Ala Gln Pro Glu Asp
65                  70                  75                  80

Glu Ala Ala Tyr Tyr Cys Leu Ser Ser Tyr Gly Asp Asn Asn Asp Leu
                85                  90                  95
```

```
Val Phe Gly Ser Gly Thr Gln Leu Thr Val Leu Arg Gly Pro Lys Ser
            100                 105                 110

Ser Pro Lys Val Thr Val Phe Pro Pro Ser Pro Glu Glu Leu Arg Thr
        115                 120                 125

Asn Lys Ala Thr Leu Val Cys Leu Val Asn Asp Phe Tyr Pro Gly Ser
    130                 135                 140

Ala Thr Val Thr Trp Lys Ala Asn Gly Ala Thr Ile Asn Asp Gly Val
145                 150                 155                 160

Lys Thr Thr Lys Pro Ser Lys Gln Gly Gln Asn Tyr Met Thr Ser Ser
                165                 170                 175

Tyr Leu Ser Leu Thr Ala Asp Gln Trp Lys Ser His Asn Arg Val Ser
            180                 185                 190

Cys Gln Val Thr His Glu Gly Glu Thr Val Glu Lys Ser Leu Ser Pro
        195                 200                 205

Ala Glu Cys Leu
    210
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