

-continued

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|---|-----|--|-----|--|-----|
| | 85 | | 90 | | 95 |
| Asp Lys Ile His Arg Glu Glu Leu Glu Lys Ile Glu Lys Glu Lys Ile | | | | | |
| | 100 | | 105 | | 110 |
| Asn Lys Met Asp Lys Asp Glu Ile Asp Lys Ile Tyr Arg Glu Glu Leu | | | | | |
| | 115 | | 120 | | 125 |
| Asp Lys Met Asp Arg Asp Ala Ile Tyr Ser Met | | | | | |
| | 130 | | 135 | | |

<210> SEQ ID NO 5
 <211> LENGTH: 19
 <212> TYPE: PRT
 <213> ORGANISM: Artificial Sequence
 <220> FEATURE:
 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide

<400> SEQUENCE: 5

| |
|---|
| Asp Glu Phe His Lys Ile Leu Leu Glu Glu Leu Asn Lys Met Asp Lys |
| 1 5 10 15 |

Asp Glu Leu

<210> SEQ ID NO 6
 <211> LENGTH: 16
 <212> TYPE: PRT
 <213> ORGANISM: Artificial Sequence
 <220> FEATURE:
 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide

<400> SEQUENCE: 6

| |
|---|
| Asn Leu Glu Leu Glu Glu Ile Asp Arg Leu Tyr Lys Glu Glu Leu Asp |
| 1 5 10 15 |

<210> SEQ ID NO 7
 <211> LENGTH: 16
 <212> TYPE: PRT
 <213> ORGANISM: Artificial Sequence
 <220> FEATURE:
 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide

<400> SEQUENCE: 7

| |
|---|
| Tyr Leu Glu Glu Leu Glu Lys Ile Asp Lys Glu Glu Lys Glu Lys Ile |
| 1 5 10 15 |

What is claimed is:

1. An isolated peptide consisting of the amino acid sequence specified in SEQ ID NO:2, or a portion thereof which comprises at least 8 contiguous amino acids, wherein the peptide or portion thereof binds specifically to CD36.
2. A peptide of claim 1, wherein said portion comprises at least 12 contiguous amino acids.
3. A peptide of claim 1, which consists of the amino acid sequence specified in SEQ ID NO:2.
4. An immunogenic composition comprising a peptide or portion thereof of claim 1.
5. A method to elicit an immune response in a mammal, comprising administering to said mammal an effective amount of a peptide or portion thereof of claim 4.
6. An isolated peptide consisting of the amino acid sequence specified in SEQ ID NO:2, or a portion thereof which comprises at least 10 contiguous amino acids.
7. An immunogenic composition comprising a peptide or portion thereof of claim 6.

8. An isolated peptide consisting of the amino acid sequence specified in SEQ ID NO:4, or a portion thereof which comprises at least 8 contiguous amino acids, wherein the peptide or portion thereof binds specifically to CD36.
9. A peptide of claim 8, wherein said portion comprises at least 12 contiguous amino acids.
10. A peptide of claim 8, which consists of the amino acid sequence specified in SEQ ID NO:4.
11. An immunogenic composition comprising a peptide or portion thereof of claim 8.
12. An isolated peptide consisting of the amino acid sequence specified in SEQ ID NO:4, or a portion thereof which comprises at least 10 contiguous amino acids.
13. An immunogenic composition comprising a peptide or portion thereof of claim 12.
14. A method to elicit an immune response in a mammal, comprising administering to said mammal an effective amount of a peptide or portion thereof of claim 13.

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