

1107028-00016SEQ
SEQUENCE LISTING

<110> Berkeley Lights Inc.

<120> METHODS, SYSTEMS AND DEVICES FOR IN-PEN ASSAYS

<130> 1107028.00016

<150> US 62/323,500
<151> 2016-04-15

<150> US 62/364,568
<151> 2016-07-20

<160> 11

<170> PatentIn version 3.5

<210> 1
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> IgG binding peptide

<220>
<221> MISC_FEATURE
<222> (1)..(4)
<223> Xaa is any amino acid or absent

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is Cys or Ser

<220>
<221> MISC_FEATURE
<222> (6)..(11)
<223> Xaa is any amino acid

<220>
<221> MISC_FEATURE
<222> (16)..(20)
<223> Xaa is any amino acid or absent

<400> 1

1107028-00016SEQ

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Val Trp Cys Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 2
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> IgG binding peptide

<220>
<221> MISC_FEATURE
<222> (1)..(4)
<223> Xaa is any amino acid or absent

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is Cys or Ser

<220>
<221> MISC_FEATURE
<222> (6)..(9)
<223> Xaa is any amino acid

<220>
<221> MISC_FEATURE
<222> (16)..(20)
<223> Xaa is any amino acid or absent

<400> 2

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Glu Leu Val Trp Cys Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

1107028-00016SEQ

<210> 3
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> IgG binding peptide

<220>
 <221> MISC_FEATURE
 <222> (1)..(4)
 <223> Xaa is any amino acid or absent

<220>
 <221> MISC_FEATURE
 <222> (5)..(5)
 <223> Xaa is Cys or Ser

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Ala, Ser, or Thr

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Trp or Tyr

<220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is His or Trp

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Leu or Met

<220>
 <221> MISC_FEATURE
 <222> (16)..(20)
 <223> Xaa is any amino acid or absent

<400> 3

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Glu Leu Val Trp Cys Xaa
 1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 4
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> IgG binding peptide

<220>
<221> MISC_FEATURE
<222> (1)..(3)
<223> Xaa is any amino acid or absent

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Ser, Arg, or Asp

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is Cys or Ser

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Ala, Ser, or Thr

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Trp or Tyr

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is His or Trp

<220>
<221> MISC_FEATURE
<222> (9)..(9)

<223> Xaa is Leu or Met

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is Glu, Ser, Thr, or Val

<220>

<221> MISC_FEATURE

<222> (17)..(20)

<223> Xaa is any amino acid or absent

<400> 4

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Gly	Glu	Leu	Val	Trp	Cys	Xaa
1				5					10					15	

Xaa	Xaa	Xaa	Xaa
			20

<210> 5

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> IgG binding peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is any amino acid or absent

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa is Cys or Ser

<220>

<221> MISC_FEATURE

<222> (3)..(8)

<223> Xaa is any amino acid

<220>

<221> MISC_FEATURE

1107028-00016SEQ

<222> (13)..(13)

<223> Xaa is any amino acid or absent

<400> 5

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Val Trp Cys Xaa
1 5 10

<210> 6

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> IgG binding peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is any amino acid or absent

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa is Cys or Ser

<220>

<221> MISC_FEATURE

<222> (3)..(6)

<223> Xaa is any amino acid

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is any amino acid or absent

<400> 6

Xaa Xaa Xaa Xaa Xaa Xaa Gly Glu Leu Val Trp Cys Xaa
1 5 10

<210> 7

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> IgG binding peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is any amino acid or absent

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa is Cys or Ser

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa is Ala, Ser, or Thr

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Trp or Tyr

<220>

<221> MISC_FEATURE

<222> (5)..(5)

<223> Xaa is His or Trp

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> Xaa is Leu or Met

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is any amino acid or absent

<400> 7

Xaa Xaa Xaa Xaa Xaa Xaa Gly Glu Leu Val Trp Cys Xaa
1 5 10

<210> 8

<211> 13

<212> PRT
 <213> Artificial Sequence

<220>
 <223> IgG binding peptide

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ser, Arg, or Asp

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> Xaa is Cys or Ser

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is Ala, Ser or Thr

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Trp or Tyr

<220>
 <221> MISC_FEATURE
 <222> (5)..(5)
 <223> Xaa is His or Trp

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Leu or Met

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Glu, Ser, Thr, or Val

<400> 8

Xaa Xaa Xaa Xaa Xaa Xaa Gly Glu Leu Val Trp Cys Xaa
 1 5 10

1107028-00016SEQ

<210> 9
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> IgG binding peptide

<400> 9

Asp Ser Ala Trp His Leu Gly Glu Leu Val Trp Cys Thr
1 5 10

<210> 10
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> IgG binding peptide

<400> 10

Asp Cys Ala Trp His Leu Gly Glu Leu Val Trp Cys Thr
1 5 10

<210> 11
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> IgG binding aptamer

<220>
<221> misc_RNA
<222> (1)..(5)
<223> Phosphate

<220>
<221> misc_RNA
<222> (6)..(6)
<223> 2'-F-RNA Phosphate

<220>

1107028-00016SEQ

<221> misc_RNA
<222> (7)..(7)
<223> Phosphate

<220>
<221> misc_RNA
<222> (8)..(11)
<223> 2'-F-RNA Phosphate

<220>
<221> misc_RNA
<222> (12)..(19)
<223> Phosphate

<220>
<221> misc_RNA
<222> (20)..(23)
<223> 2'-F-RNA Phosphate

<400> 11
ggaggugcuc cgaaarraac ucc

23