FIG. 1A

Light chain variable region

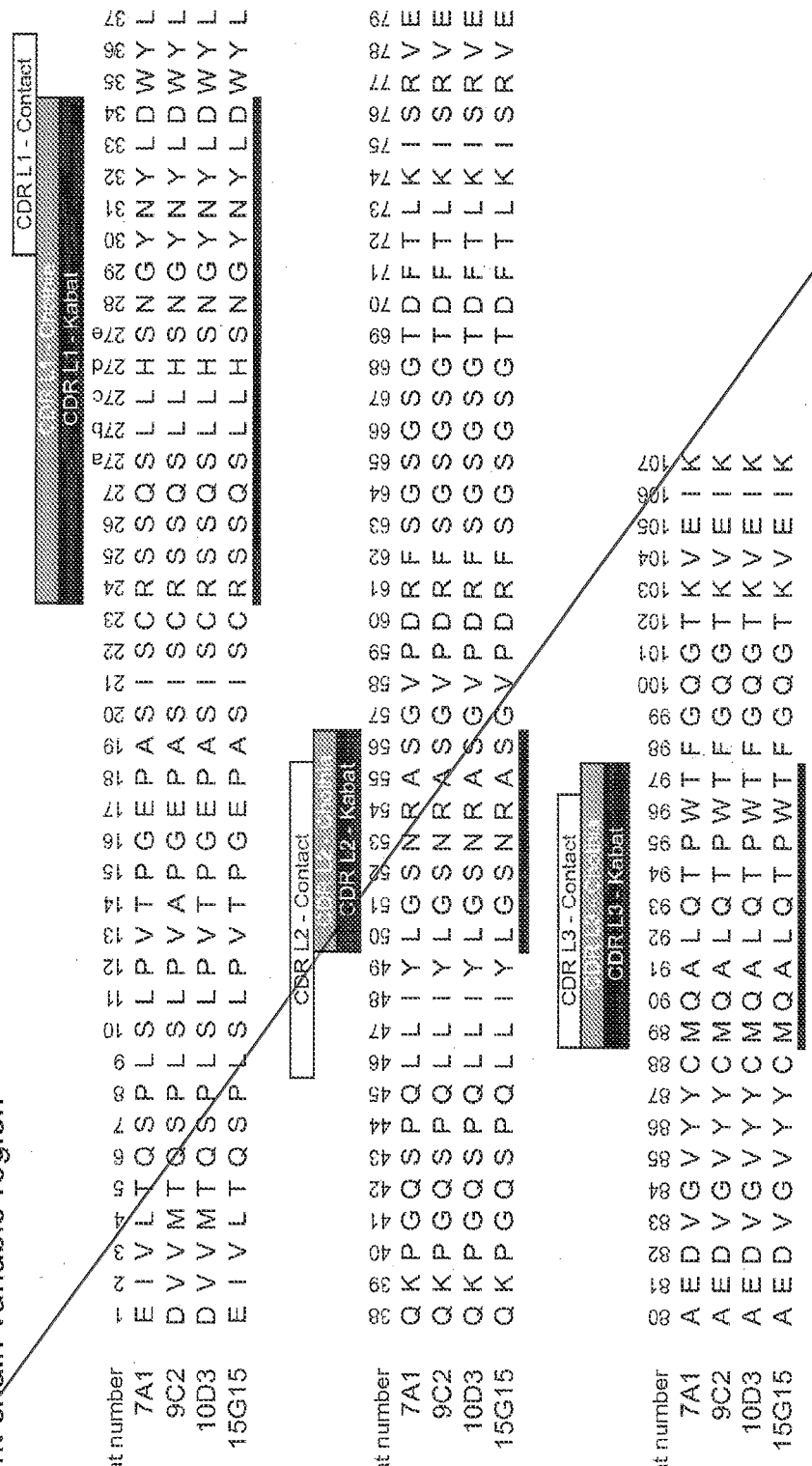
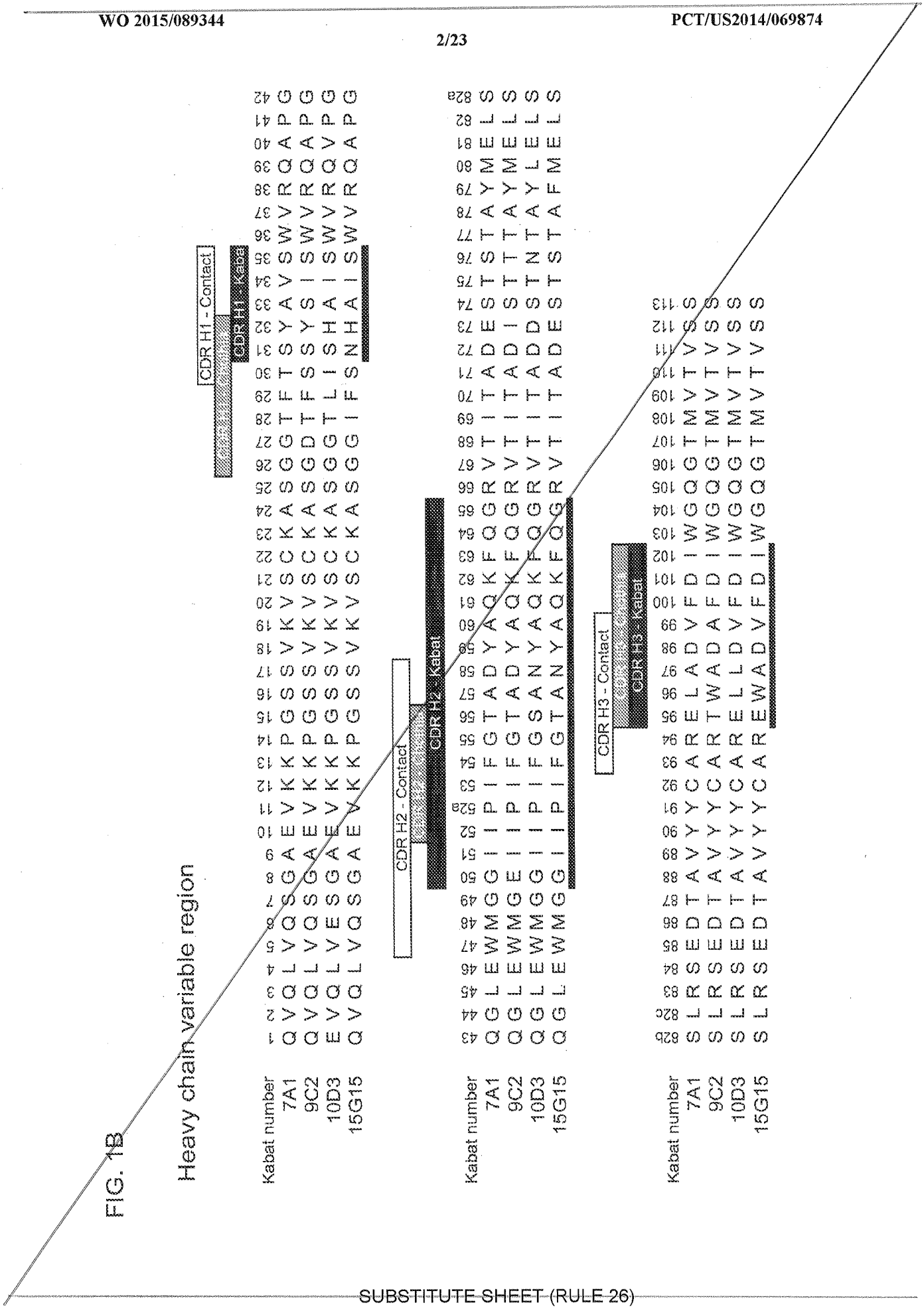


FIG. 1B


Heavy chain variable region
CDR H1 - Contact
CDR H1 - Kabat
CDR H2 - Contact
CDR H2 - Kabat
CDR H3 - Contact
CDR H3 - Kabat
Kabat number
7A1
9C2
10D3
15G15

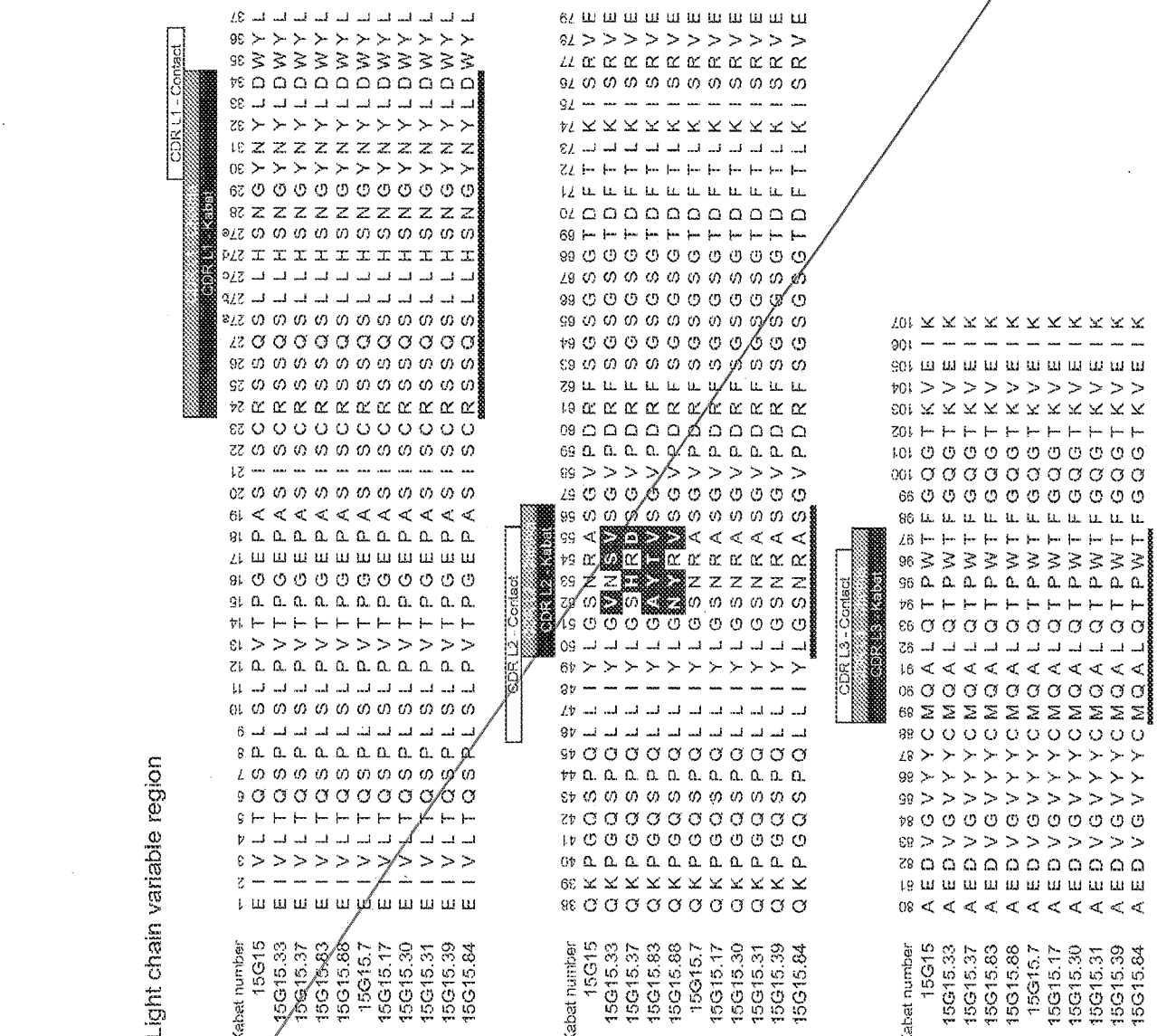

Light chain variable region
CDR L1 - Contact
CDR L1 - Kabat
CDR L2 - Contact
CDR L2 - Kabat
CDR L3 - Contact
CDR L3 - Kabat
Kabat number
15G15
15G15.33
15G15.37
15G15.83
15G15.88
15G15.7
15G15.17
15G15.30
15G15.31
15G15.39
15G15.84

FIG. 2A

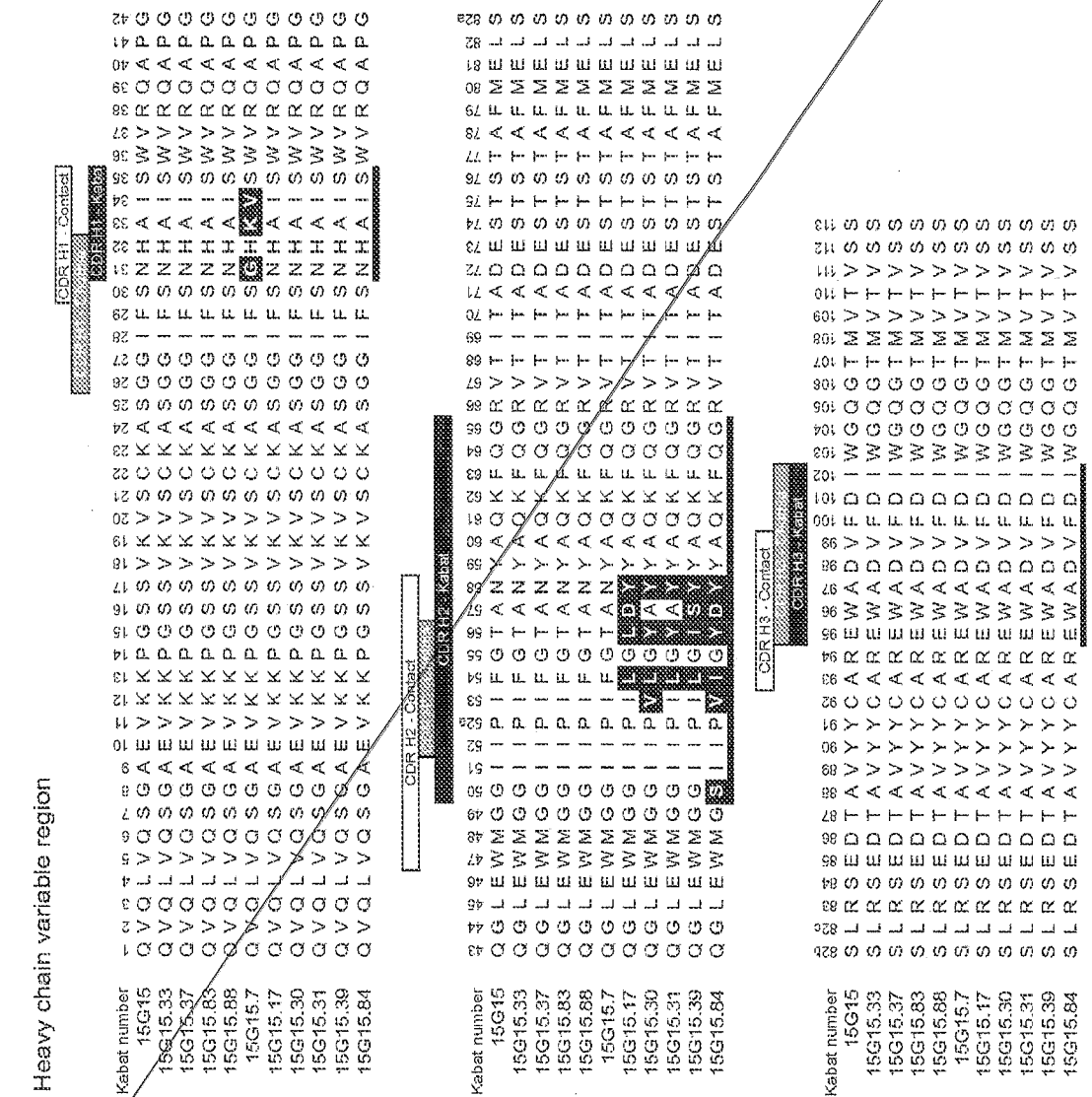

Heavy chain variable region
CDR H1 - Contact
CDR H1 - Kabat
CDR H2 - Contact
CDR H2 - Kabat
CDR H3 - Contact
CDR H3 - Kabat
Kabat number
15G15
15G15.33
15G15.37
15G15.83
15G15.88
15G15.7
15G15.17
15G15.30
15G15.31
15G15.39
15G15.84

FIG. 2B

FIG. 3A

Light chain variable region

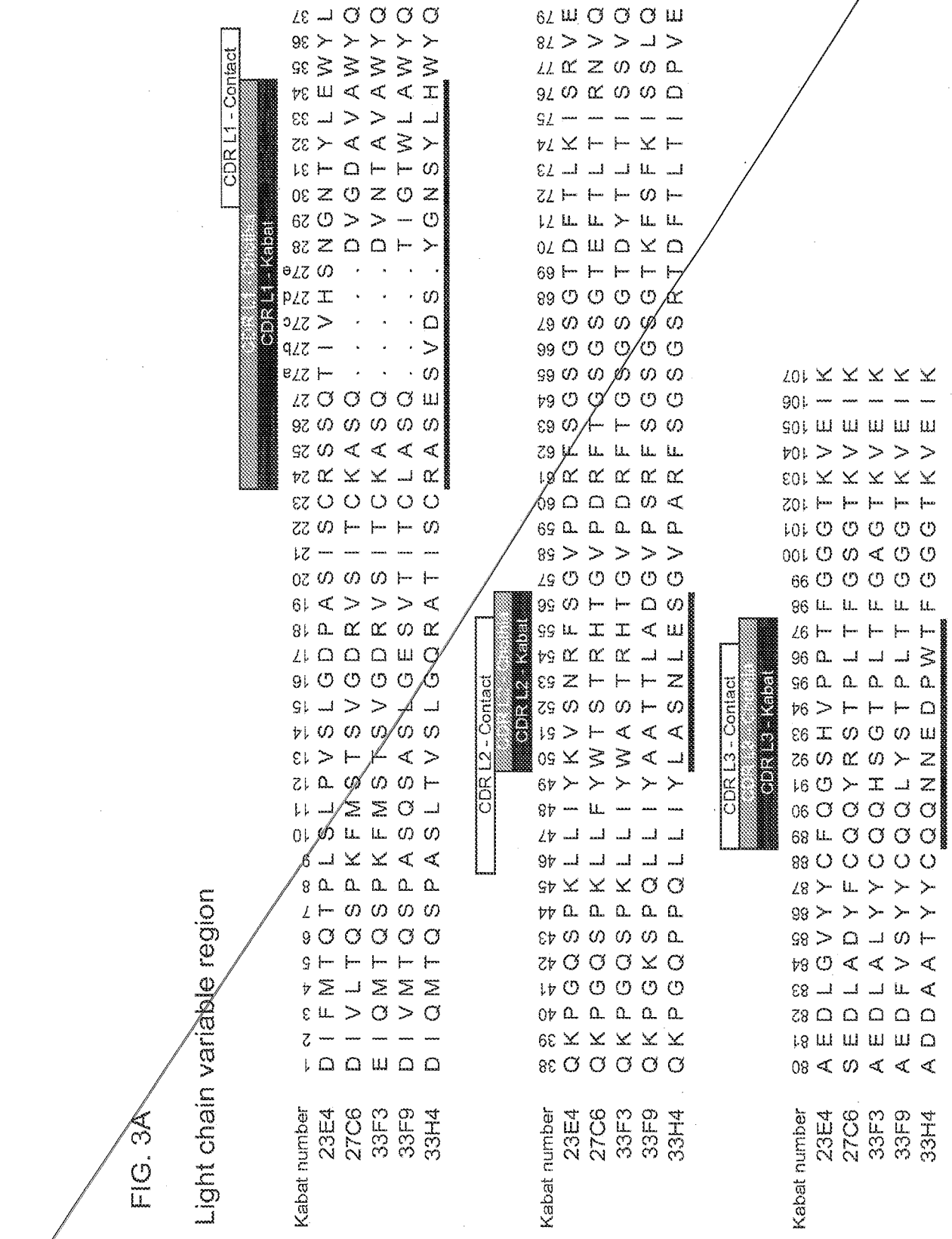


FIG. 3B

Heavy chain variable region

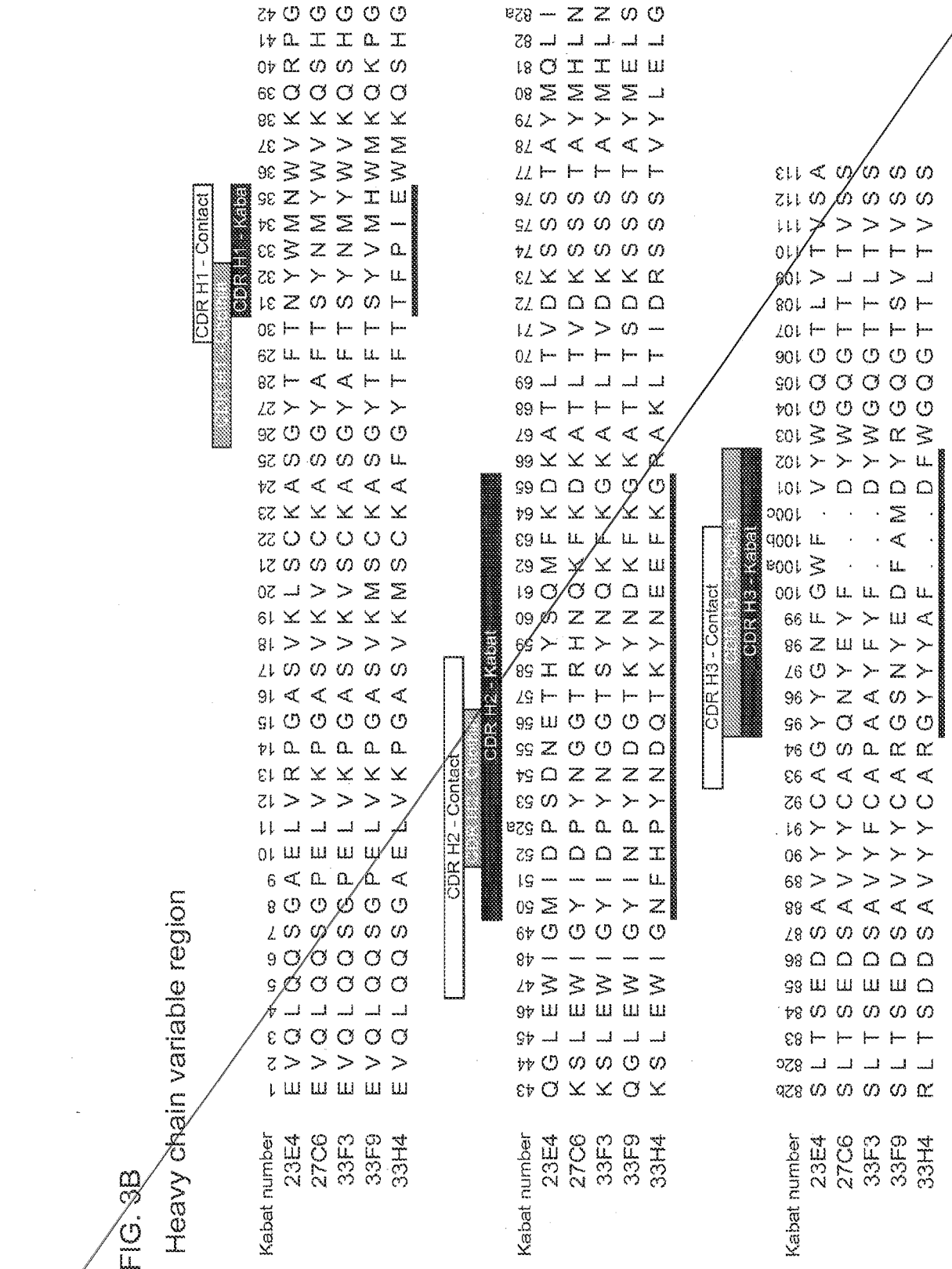


FIG. 4A

Light chain variable region

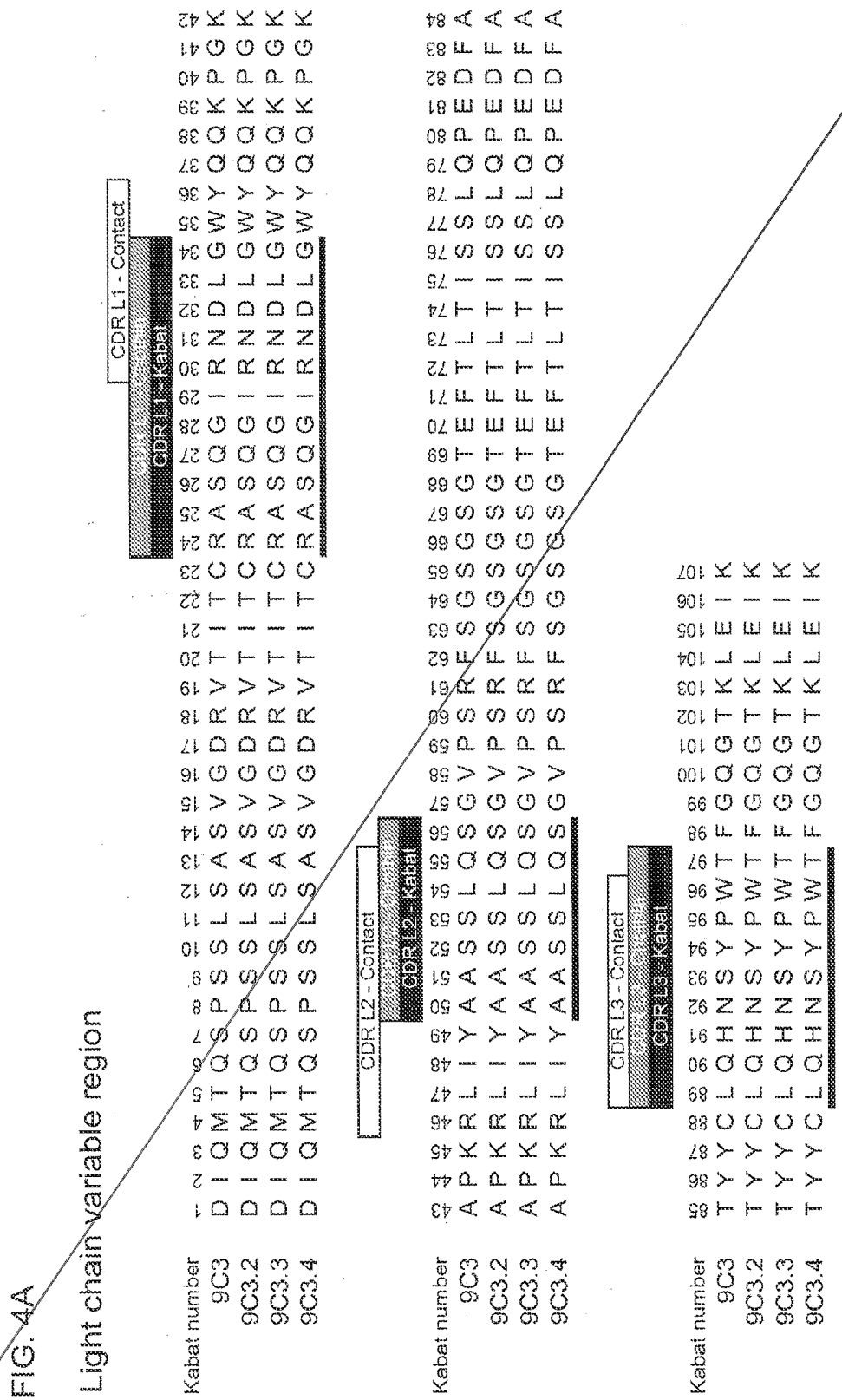


FIG. 4B

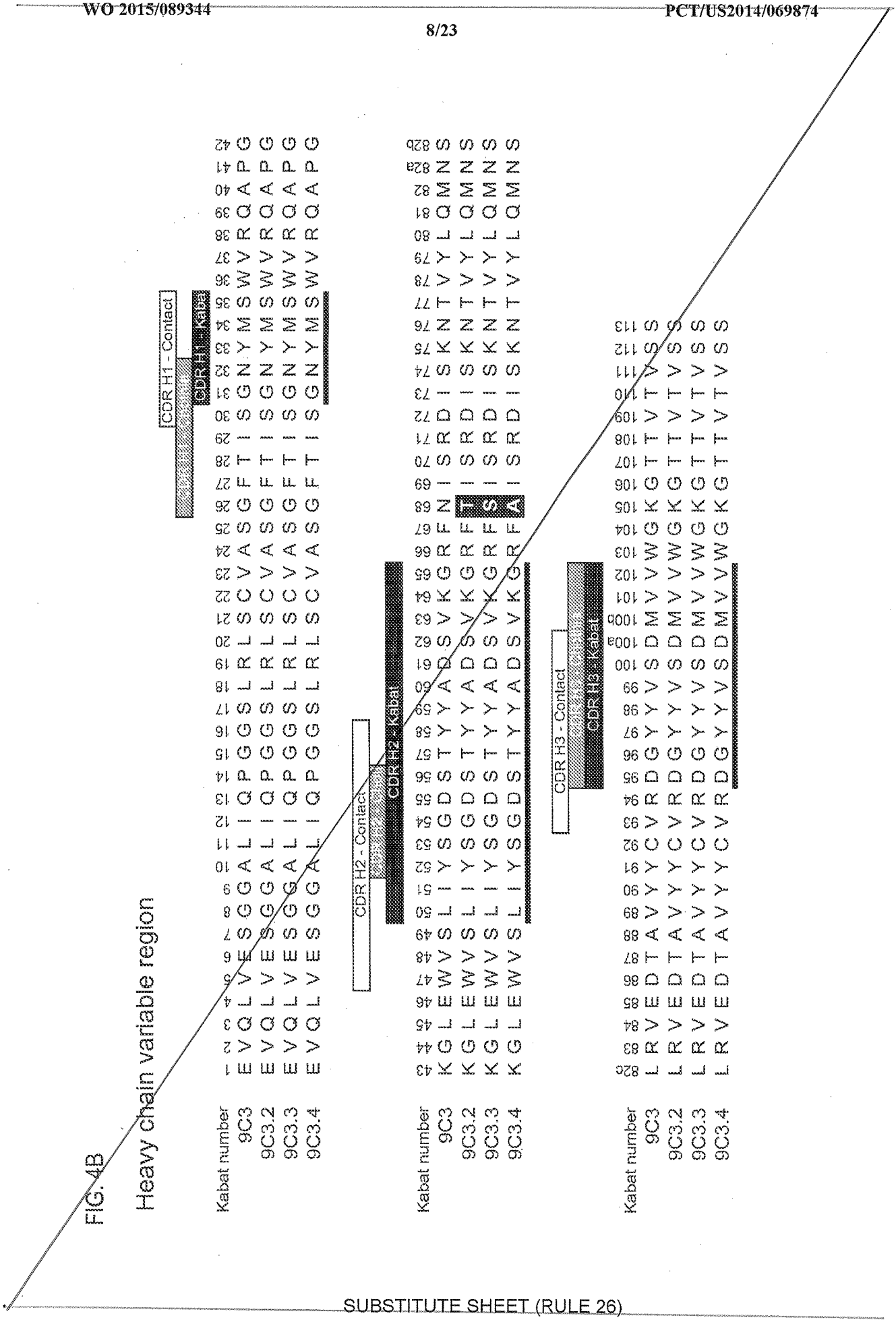

Heavy chain variable region
CDR H1 - Contact
CDR H1 - Kabat
CDR H2 - Contact
CDR H2 - Kabat
CDR H3 - Contact
CDR H3 - Kabat
Kabat number
9C3
9C3.2
9C3.3
9C3.4

FIG. 5

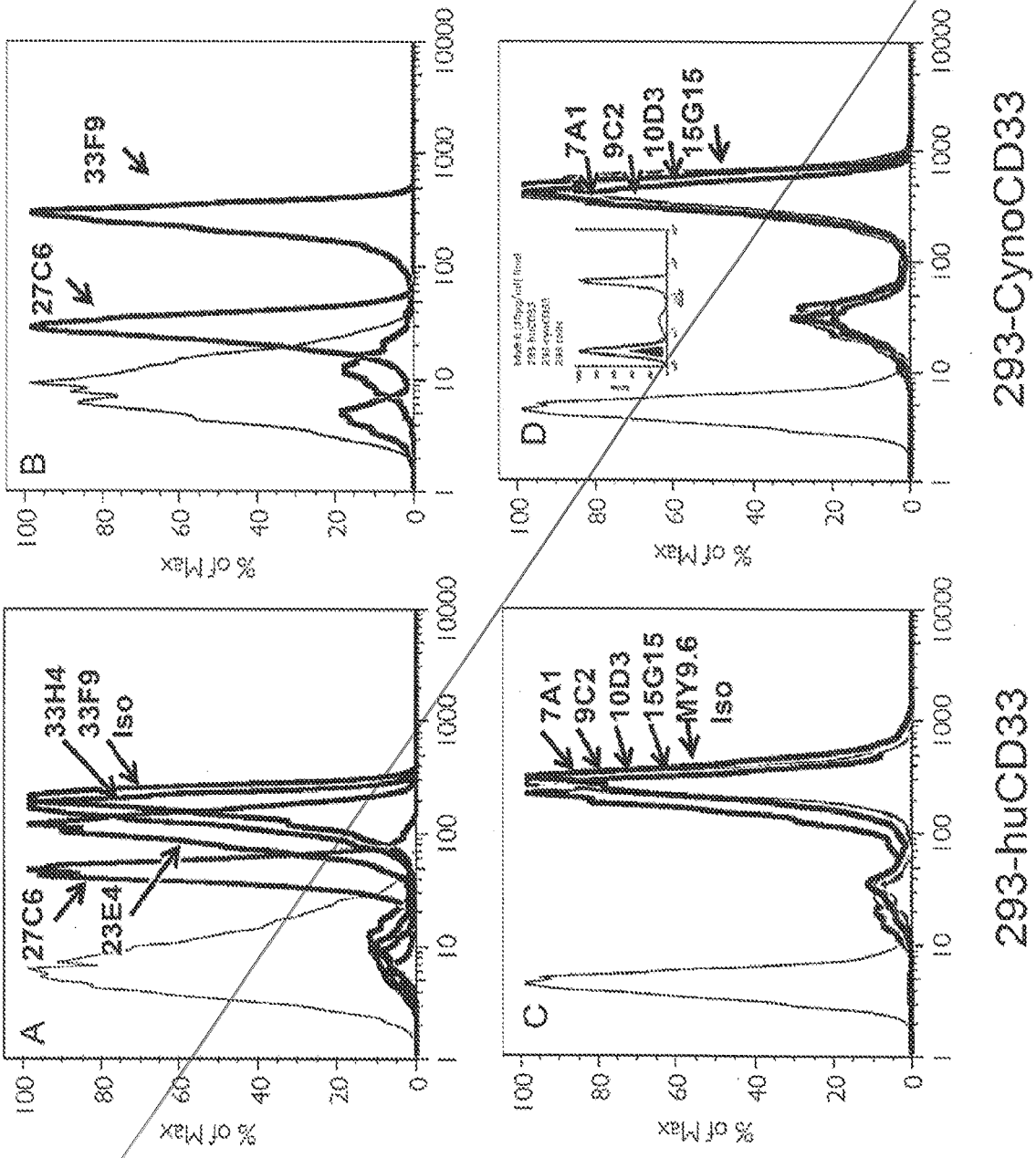

A
27C6
33H4
33F9
23E4
Iso
B
27C6
33F9
C
7A1
9C2
10D3
15G15
MY9.6
Iso
D
7A1
9C2
10D3
15G15
% of Max
293-huCD33
293-CynoCD33

FIG. 6

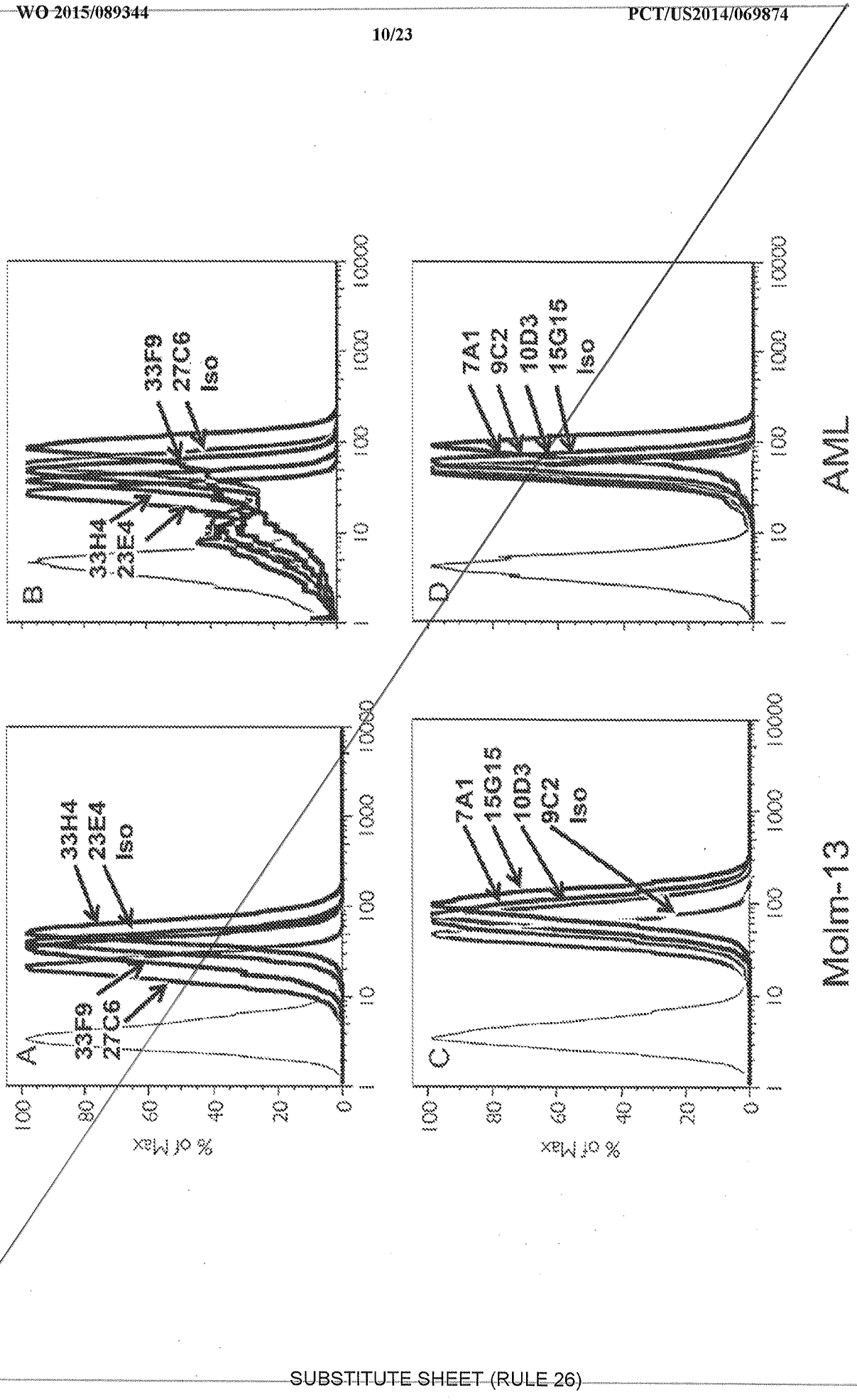

A
33H4
23E4
Iso
33F9
27C6
B
33F9
27C6
Iso
33H4
23E4
C
7A1
15G15
10D3
9C2
Iso
D
7A1
9C2
10D3
15G15
Iso
% of Max
100
80
60
40
20
0
1
10
100
1000
10000
Molm-13
AML

FIG. 7

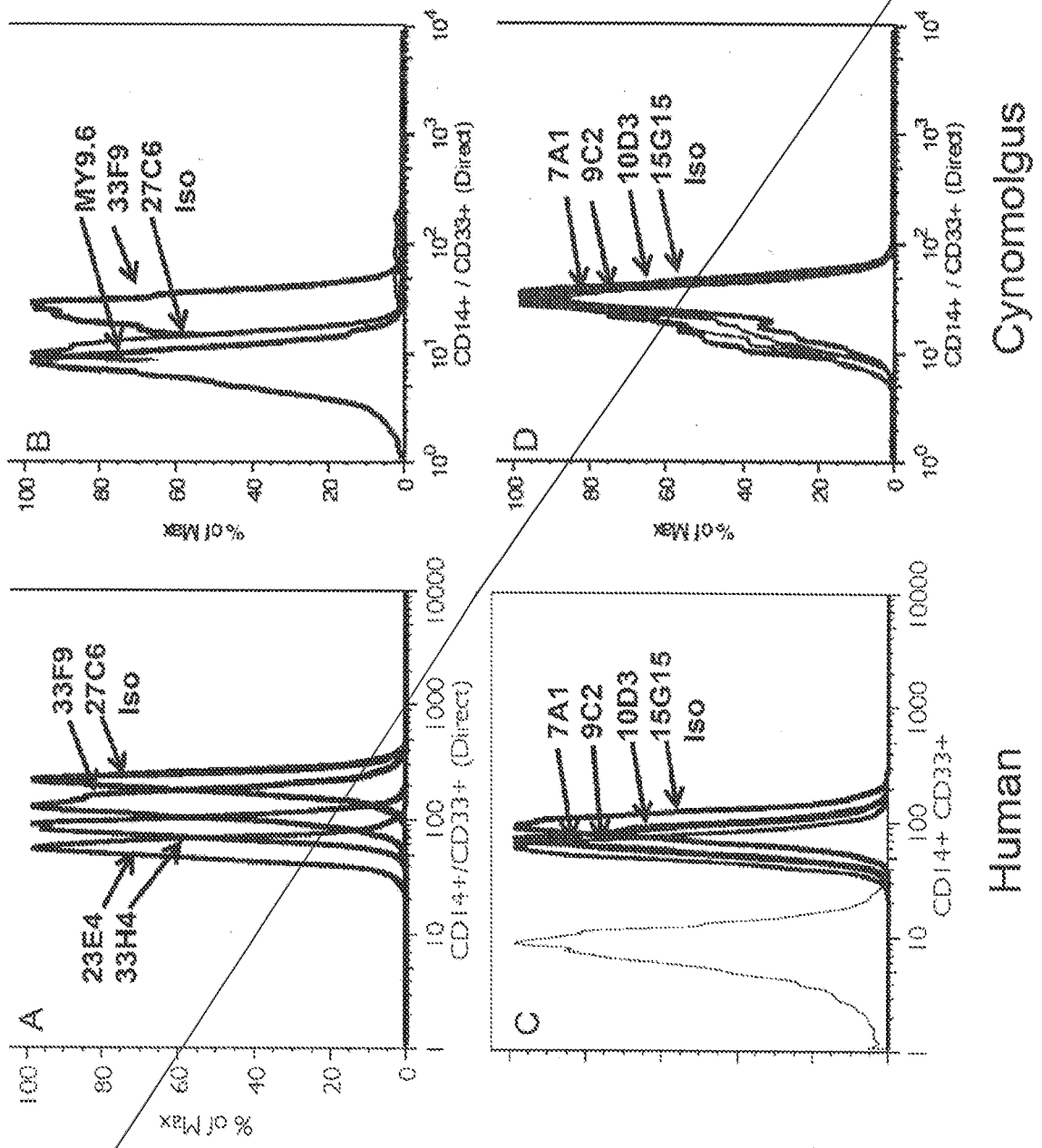

A
B
C
D
Human
Cynomolgus
% of Max
CD14+/CD33+ (Direct)
CD14+ / CD33+ (Direct)
CD14+ CD33+
MY9.6
33F9
27C6
Iso
23E4
33H4
7A1
9C2
10D3
15G15

FIG. 8

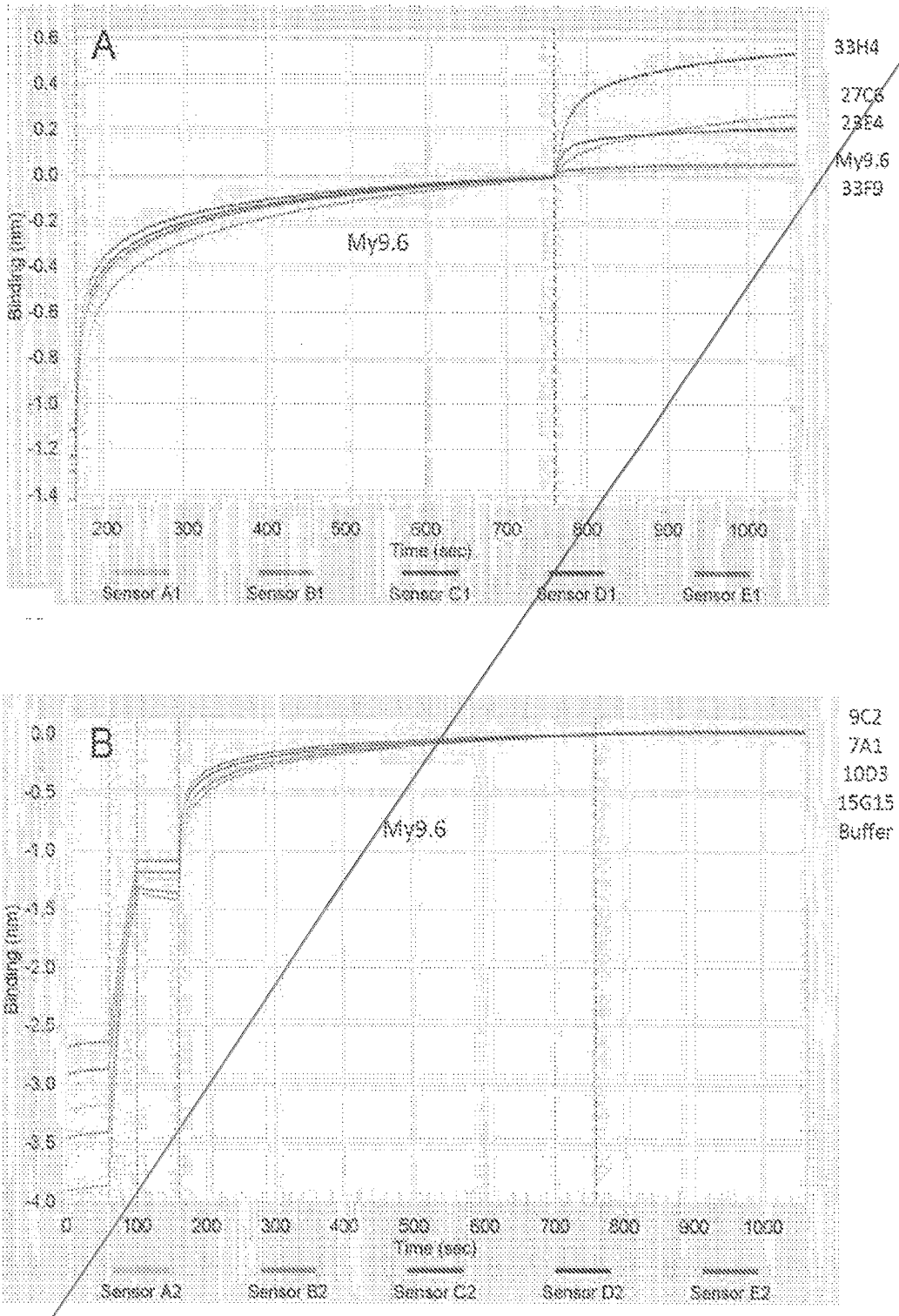

A
My9.6
33H4
27C6
23E4
My9.6
33F9
Binding (nm)
Time (sec)
Sensor A1
Sensor B1
Sensor C1
Sensor D1
Sensor E1
B
My9.6
9C2
7A1
10D3
15G15
Buffer
Binding (nm)
Time (sec)
Sensor A2
Sensor B2
Sensor C2
Sensor D2
Sensor E2

FIG. 8

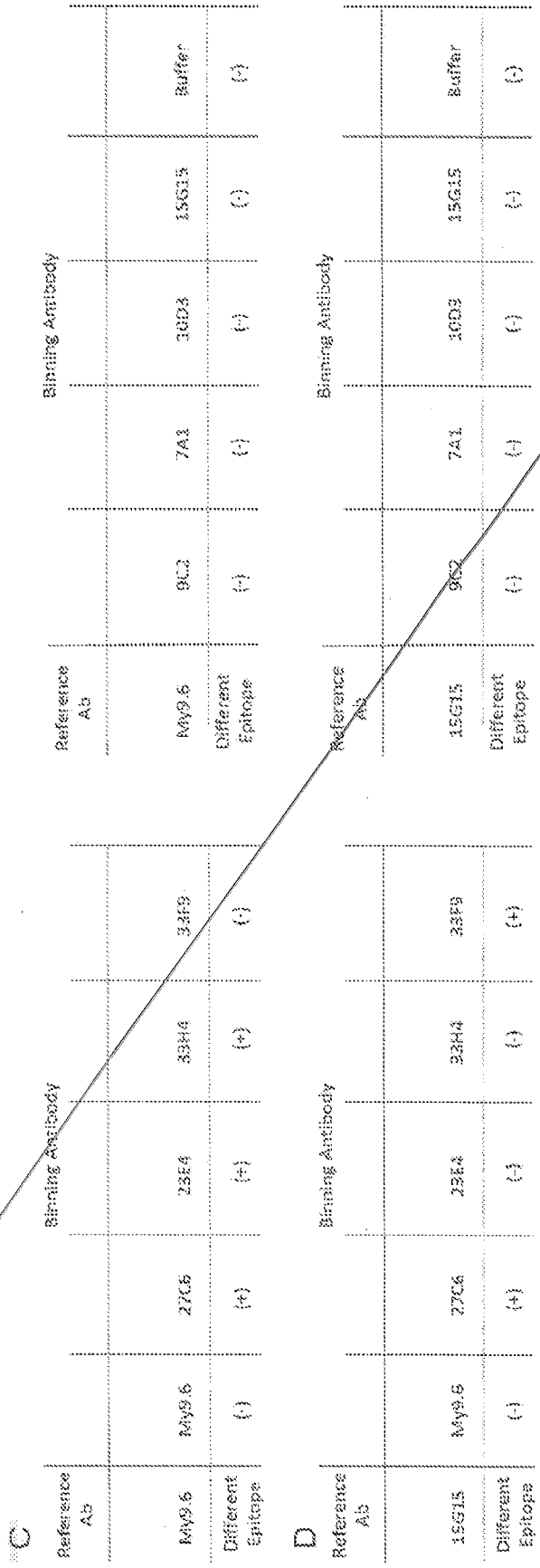

C
Reference Ab
Binning Antibody
My9.6
27C6
23E4
33H4
33F9
My9.6
(-)
(+)
(+)
(+)
(-)
Different Epitope
(-)
(+)
(+)
(+)
(-)
D
Reference Ab
Binning Antibody
15G15
9C2
7A1
16D3
15G15
Buffer
15G15
(-)
(-)
(-)
(-)
(+)
Different Epitope
(-)
(-)
(-)
(-)
(+)

Figure 9

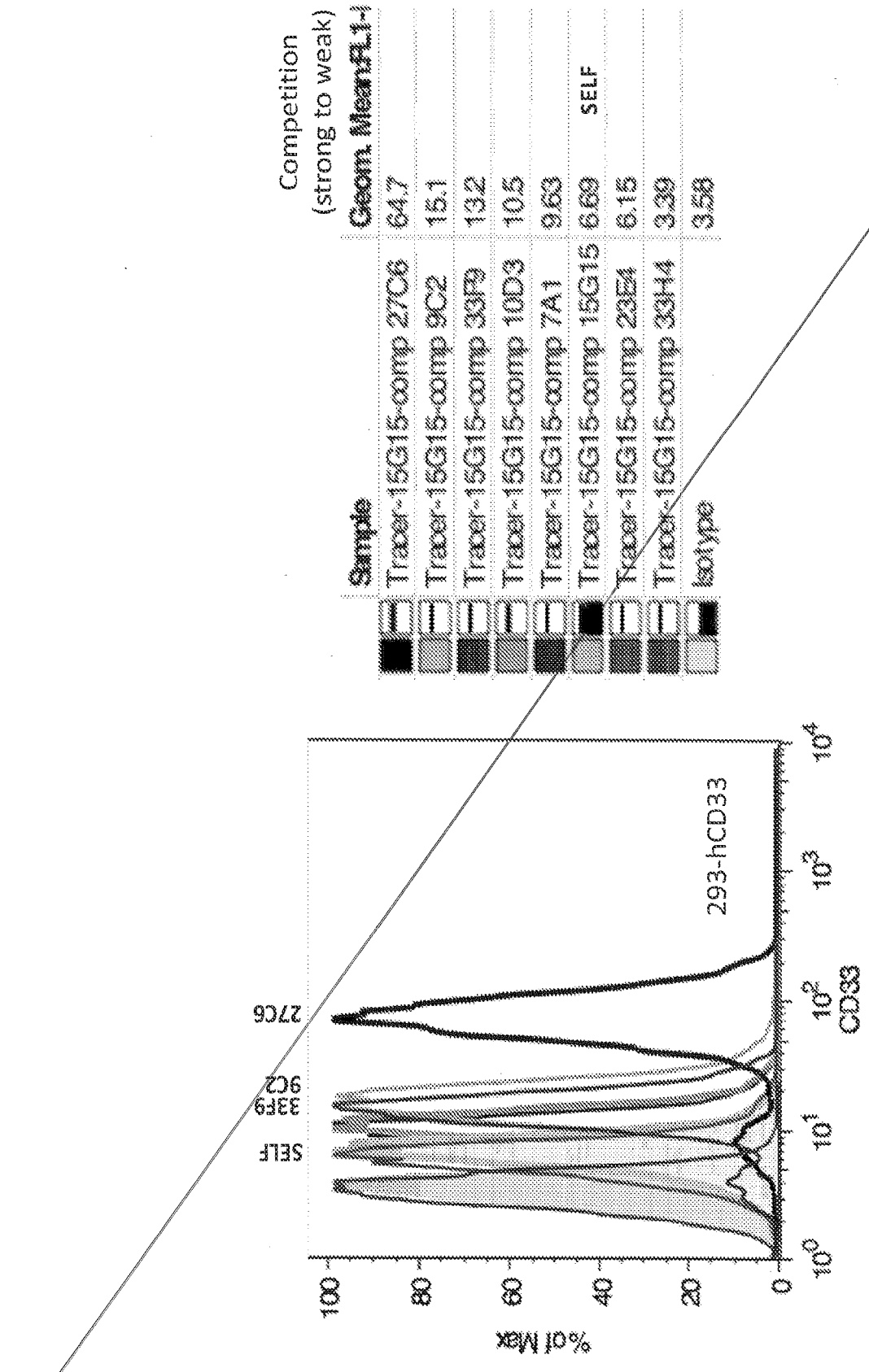

Competition (strong to weak)
Geom. Mean FL1-H
Sample
Tracer-15G15-comp 27C6 64.7
Tracer-15G15-comp 9C2 15.1
Tracer-15G15-comp 33F9 13.2
Tracer-15G15-comp 10D3 10.5
Tracer-15G15-comp 7A1 9.63
Tracer-15G15-comp 15G15 6.69 SELF
Tracer-15G15-comp 23E4 6.15
Tracer-15G15-comp 33H4 3.39
Isotype 3.58
293-hCD33
CD33
% of Max
27C6
33F9
9C2
SELF

Figure 10

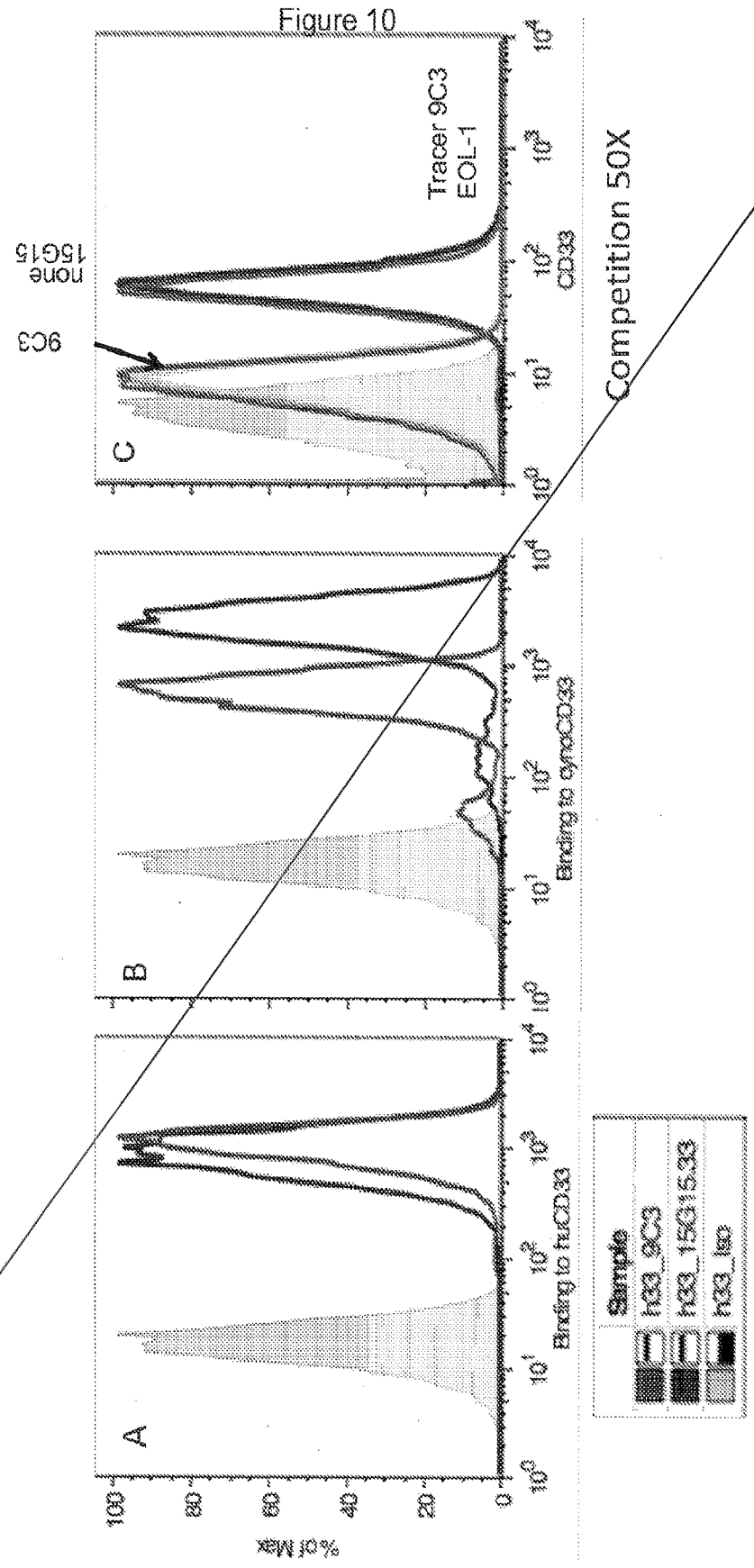
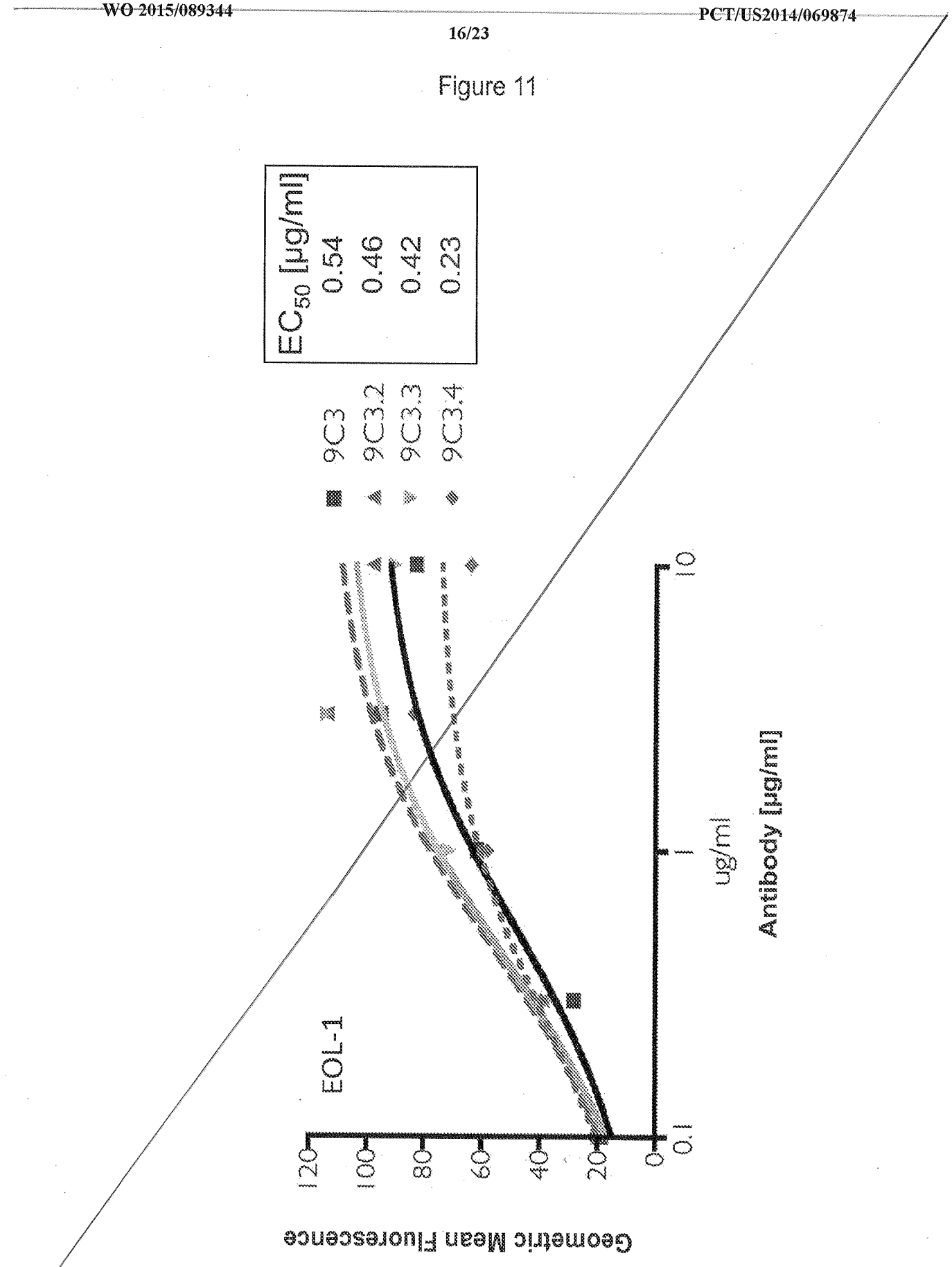

Competition 50X
Tracer 9C3
EOL-1
none
15G15
9C3
C
B
A
Binding to cynoCD33
Binding to huCD33
%Of Max
Sample
h33_9C3
h33_15G15.33
h33_iso

Figure 11


EC50 [µg/ml]
0.54
0.46
0.42
0.23
9C3
9C3.2
9C3.3
9C3.4
EOL-1
Geometric Mean Fluorescence
120
100
80
60
40
20
0
0.1
1
10
ug/ml
Antibody [µg/ml]

17/23

Figure 12

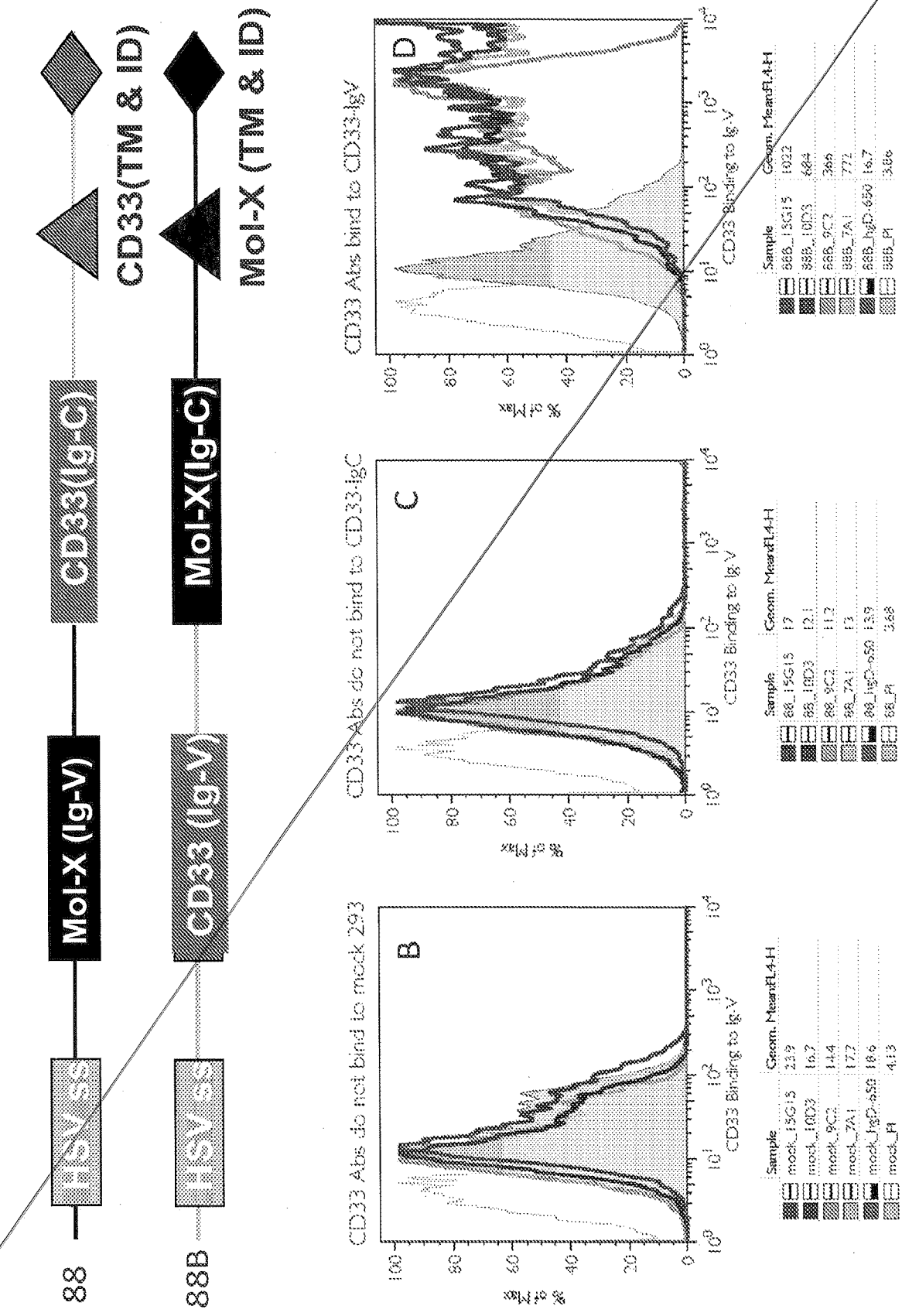


Figure 13

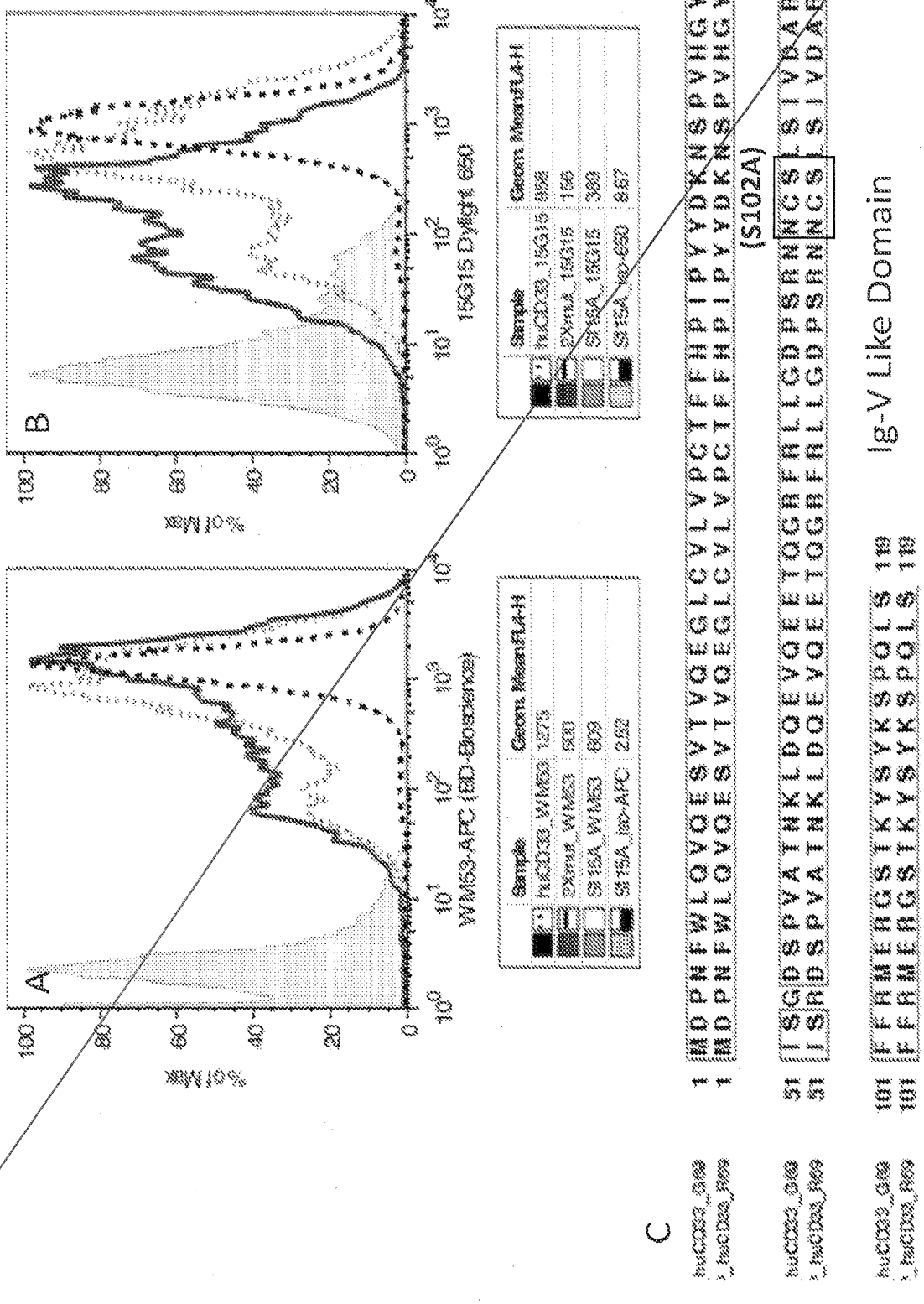

A
B
C
% of Max
WM53-APC (BD-Bioscience)
15G15 DyLight 650
Sample
Geom. Mean/FLA-H
huCD33_WM53 1275
2Xmut_WM53 820
S15A_WM53 809
S15A_Iso-APC 252
huCD33_15G15 958
2Xmut_15G15 158
S15A_15G15 389
S15A_Iso-650 857
(S102A)
(S115A)
Ig-V Like Domain

Figure 14

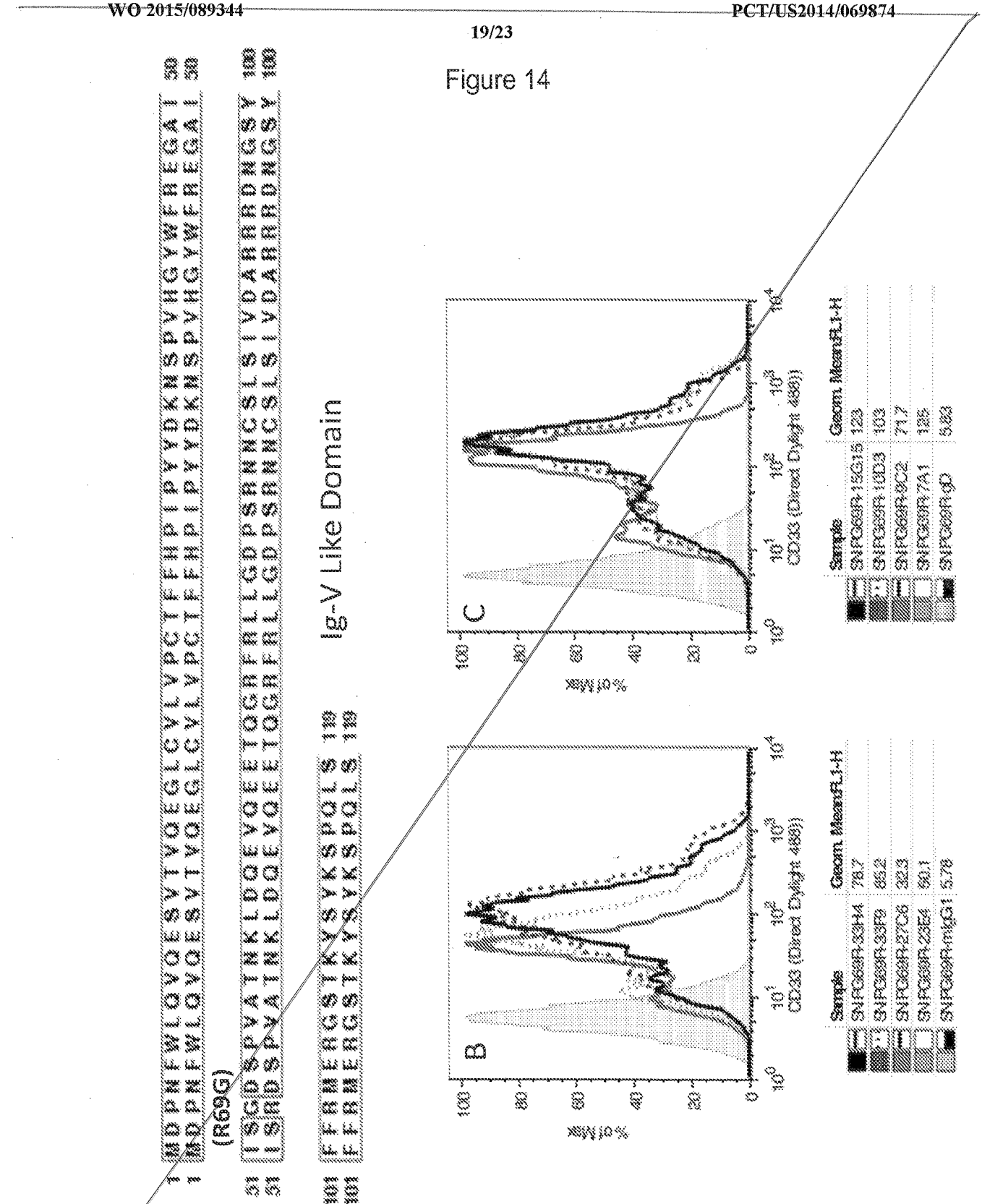
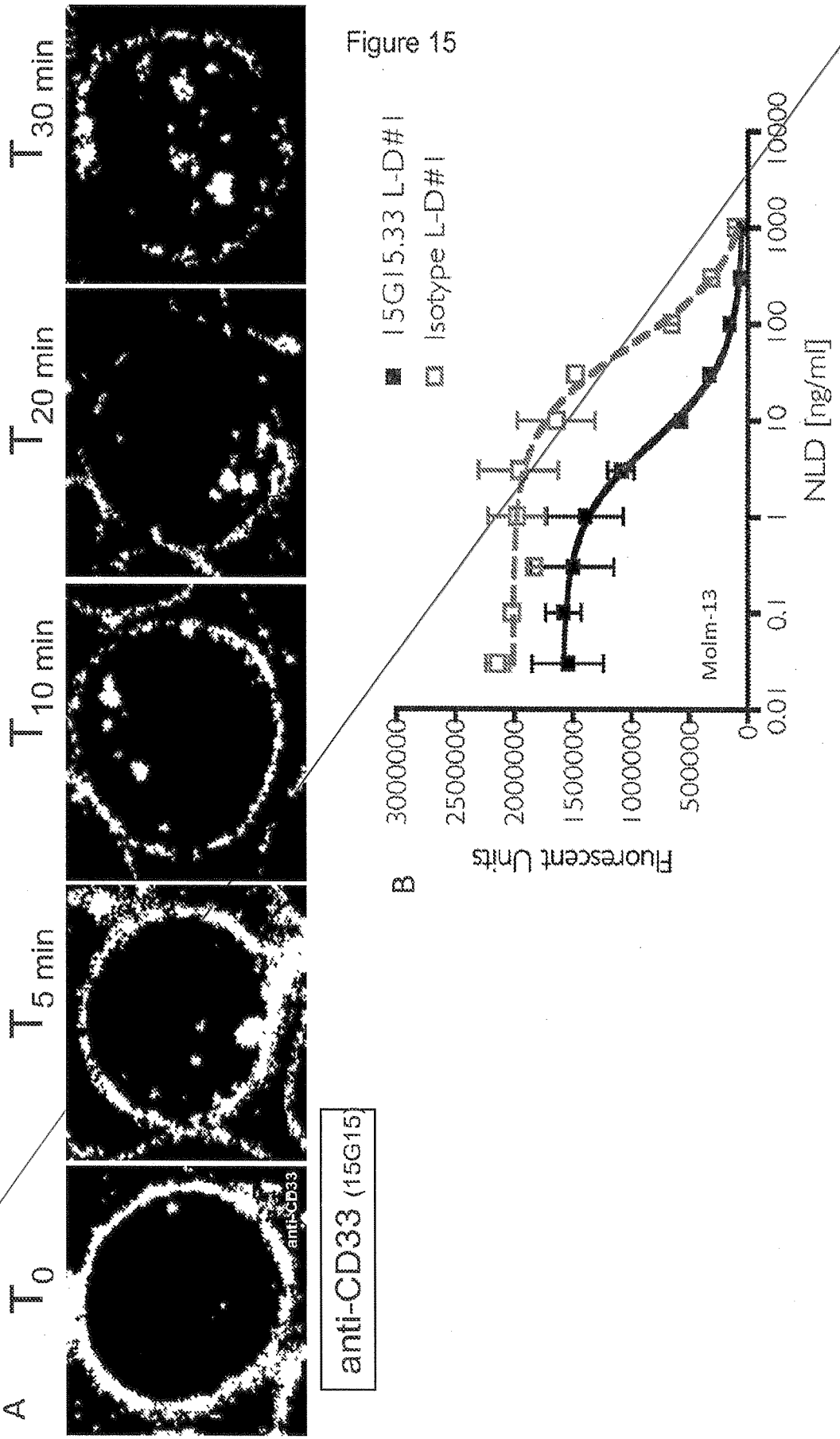

A
huCD33_Ig-V
huCD33_R69G
(R69G)
Ig-V Like Domain
B
C
% of Max
CD33 (Direct Dylight 488)
Sample
Geom Mean(FL1-H
SNFG66R-33H4 78.7
SNFG66R-93F9 65.2
SNFG66R-27C6 32.3
SNFG66R-23E4 60.1
SNFG66R-mIgG1 5.78
SNFG66R-15G15 123
SNFG66R-10D3 103
SNFG66R-9C2 71.7
SNFG66R-7A1 126
SNFG66R-gD 9.83

Figure 15


A
$T_0$
$T_5$ min
$T_{10}$ min
$T_{20}$ min
$T_{30}$ min
anti-CD33
anti-CD33 (15G15)
B
15G15.33 L-D#1
Isotype L-D#1
Molm-13
Fluorescent Units
NLD [ng/ml]
0
500000
1000000
1500000
2000000
2500000
3000000
0.01
0.1
1
10
100
1000
10000

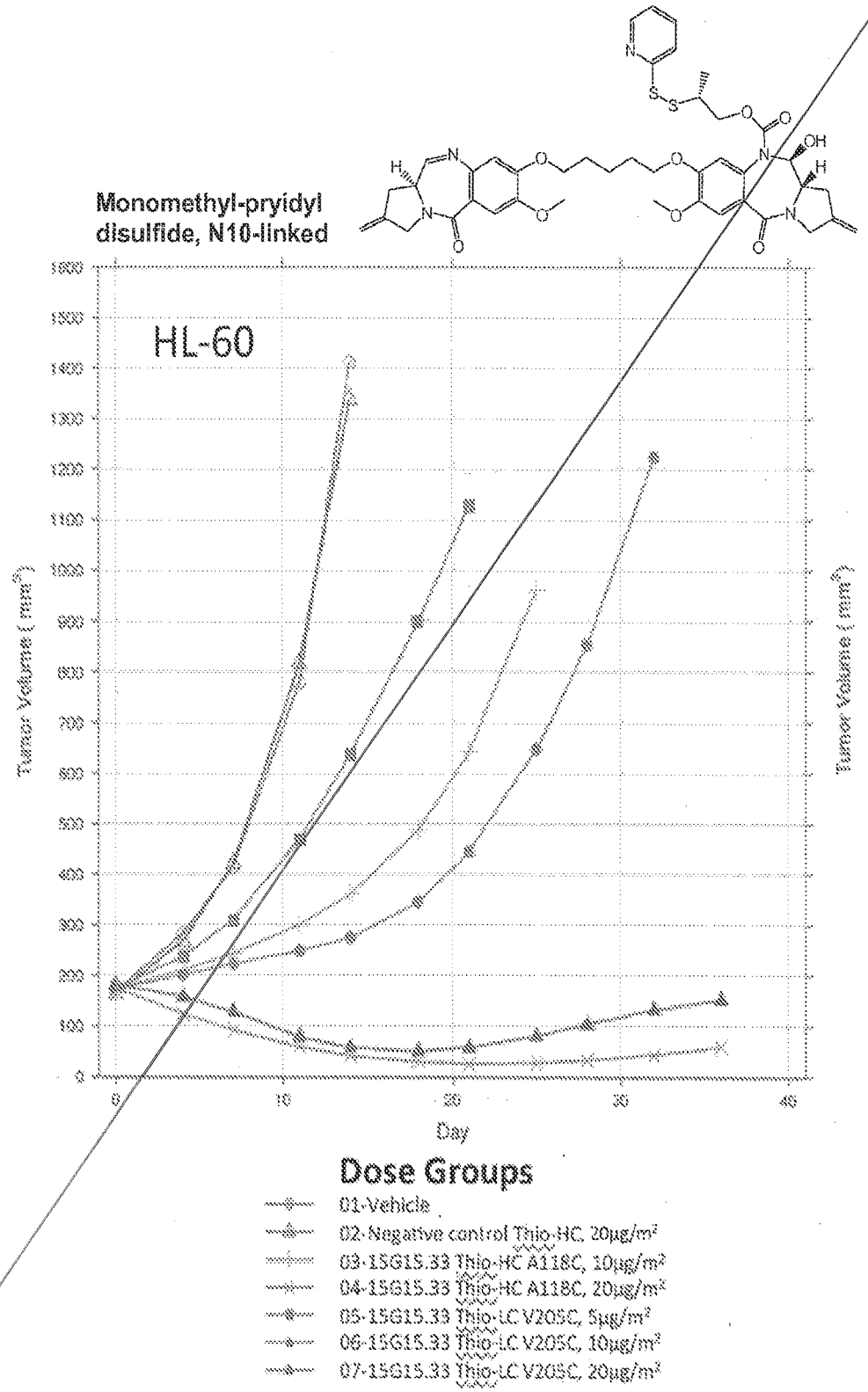

Monomethyl-pryidyl disulfide, N10-linked
HL-60
Tumor Volume ( mm³ )
Day
Dose Groups
01-Vehicle
02-Negative control Thio-HC, 20μg/m²
03-15G15.33 Thio-HC A118C, 10μg/m²
04-15G15.33 Thio-HC A118C, 20μg/m²
05-15G15.33 Thio-LC V205C, 5μg/m²
06-15G15.33 Thio-LC V205C, 10μg/m²
07-15G15.33 Thio-LC V205C, 20μg/m²

FIG. 16A

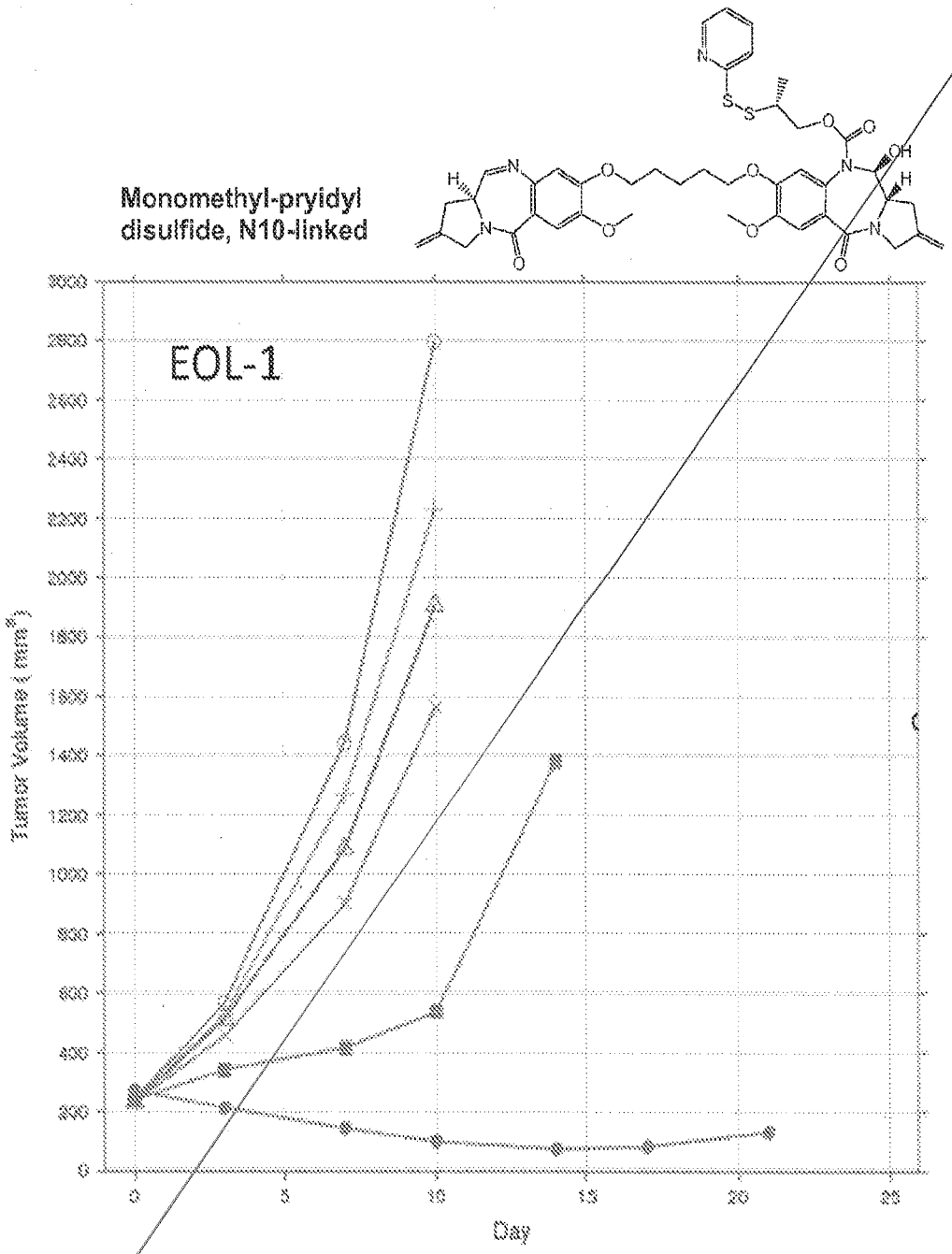
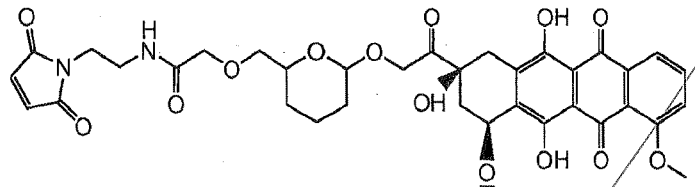
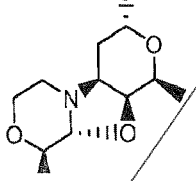
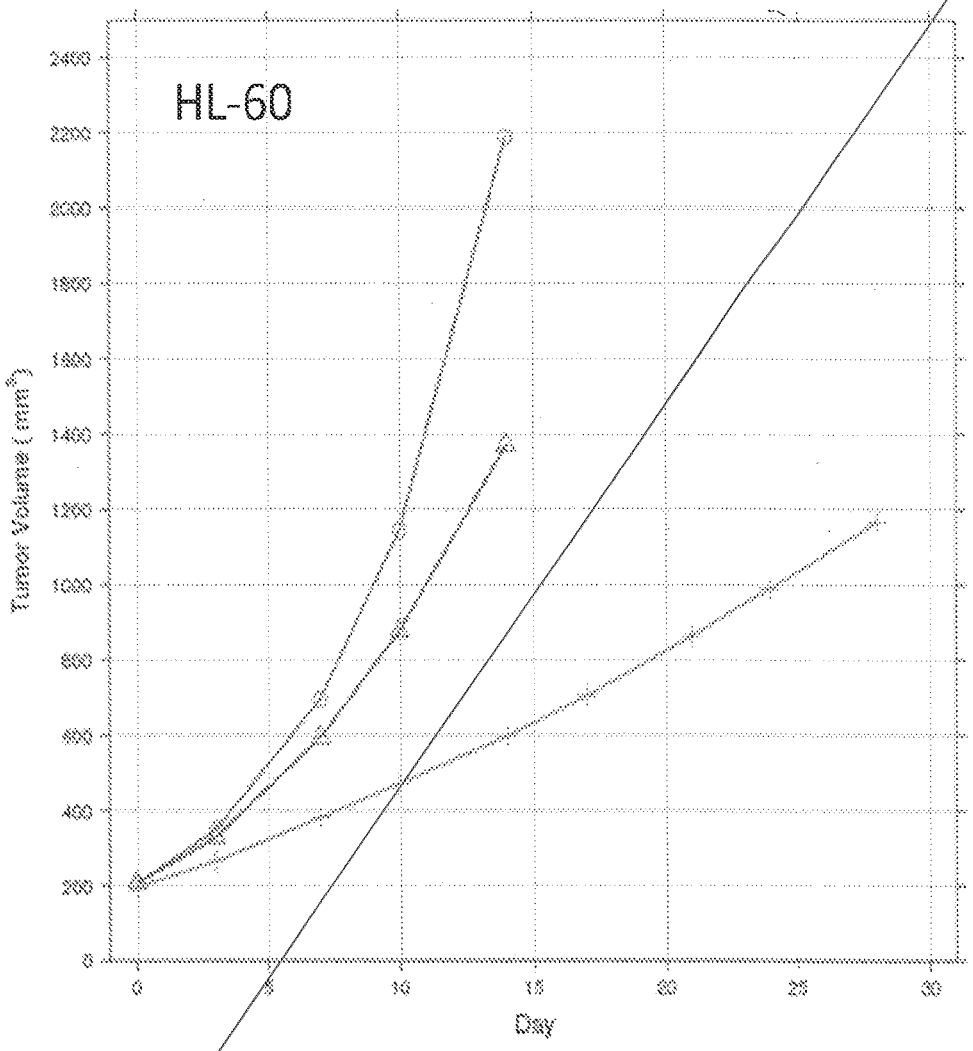

Monomethyl-pryidyl disulfide, N10-linked
EOL-1
Tumor Volume ( mm³)
Day
Dose Groups
01-Vehicle
02-Negative control Thio-HC, 1mg/kg
03-15G15.33 Thio-HC A118C, 0.05mg/kg
04-15G15.33 Thio-HC A118C, 0.2mg/kg
05-15G15.33 Thio-HC A118C, 0.5mg/kg
06-15G15.33 Thio-HC A118C, 1mg/kg

FIG. 16B



Maleimide with acetal linker-PNU






**Dose Groups**

01-Vehicle Histidine Buffer #8

05-Negative control Thio-HC, A118C, 200μg/m² (~8.6mg/kg)

08-15G15 Thio-HC A118C, 200μg/m² (~11.9mg/kg)

FIG. 17

## Light Chain Variable Region

CDR L1 - Contact
CDR L1 - Chothia
CDR L1 - Kabat

| Kabat number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 27a | 27b | 27c | 27d | 27e | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7A1 | E | I | V | L | T | Q | S | P | L | S | L | P | V | T | P | G | E | P | A | S | I | S | C | R | S | S | Q | S | L | L | H | S | N | G | Y | N | Y | L | D | W | Y | L |
| 9C2 | D | V | V | M | T | Q | S | P | L | S | L | P | V | A | P | G | E | P | A | S | I | S | C | R | S | S | Q | S | L | L | H | S | N | G | Y | N | Y | L | D | W | Y | L |
| 10D3 | D | V | V | M | T | Q | S | P | L | S | L | P | V | T | P | G | E | P | A | S | I | S | C | R | S | S | Q | S | L | L | H | S | N | G | Y | N | Y | L | D | W | Y | L |
| 15G15 | E | I | V | L | T | Q | S | P | L | S | L | P | V | T | P | G | E | P | A | S | I | S | C | R | S | S | Q | S | L | L | H | S | N | G | Y | N | Y | L | D | W | Y | L |

CDR L2 - Contact
CDR L2 - Chothia
CDR L2 - Kabat

| Kabat number | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7A1 | Q | K | P | G | Q | S | P | Q | L | L | I | Y | L | G | S | N | R | A | S | G | V | P | D | R | F | S | G | S | G | S | G | T | D | F | T | L | K | I | S | R | V | E |
| 9C2 | Q | K | P | G | Q | S | P | Q | L | L | I | Y | L | G | S | N | R | A | S | G | V | P | D | R | F | S | G | S | G | S | G | T | D | F | T | L | K | I | S | R | V | E |
| 10D3 | Q | K | P | G | Q | S | P | Q | L | L | I | Y | L | G | S | N | R | A | S | G | V | P | D | R | F | S | G | S | G | S | G | T | D | F | T | L | K | I | S | R | V | E |
| 15G15 | Q | K | P | G | Q | S | P | Q | L | L | I | Y | L | G | S | N | R | A | S | G | V | P | D | R | F | S | G | S | G | S | G | T | D | F | T | L | K | I | S | R | V | E |

CDR L3 - Contact
CDR L3 - Chothia
CDR L3 - Kabat

| Kabat number | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7A1 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 9C2 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 10D3 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |

FIG. 1A

## Heavy Chain Variable Region

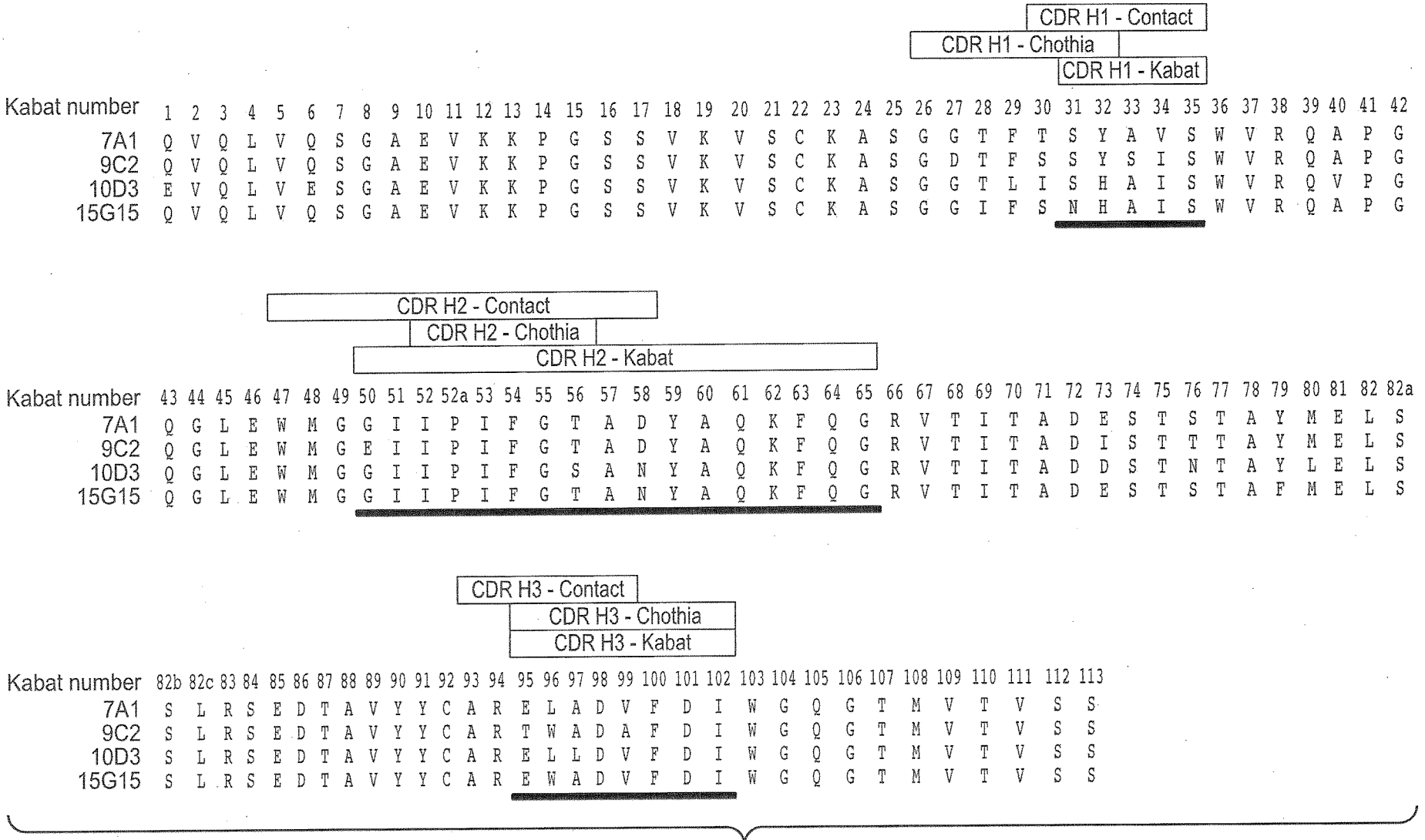



FIG. 1B

## Light Chain Variable Region

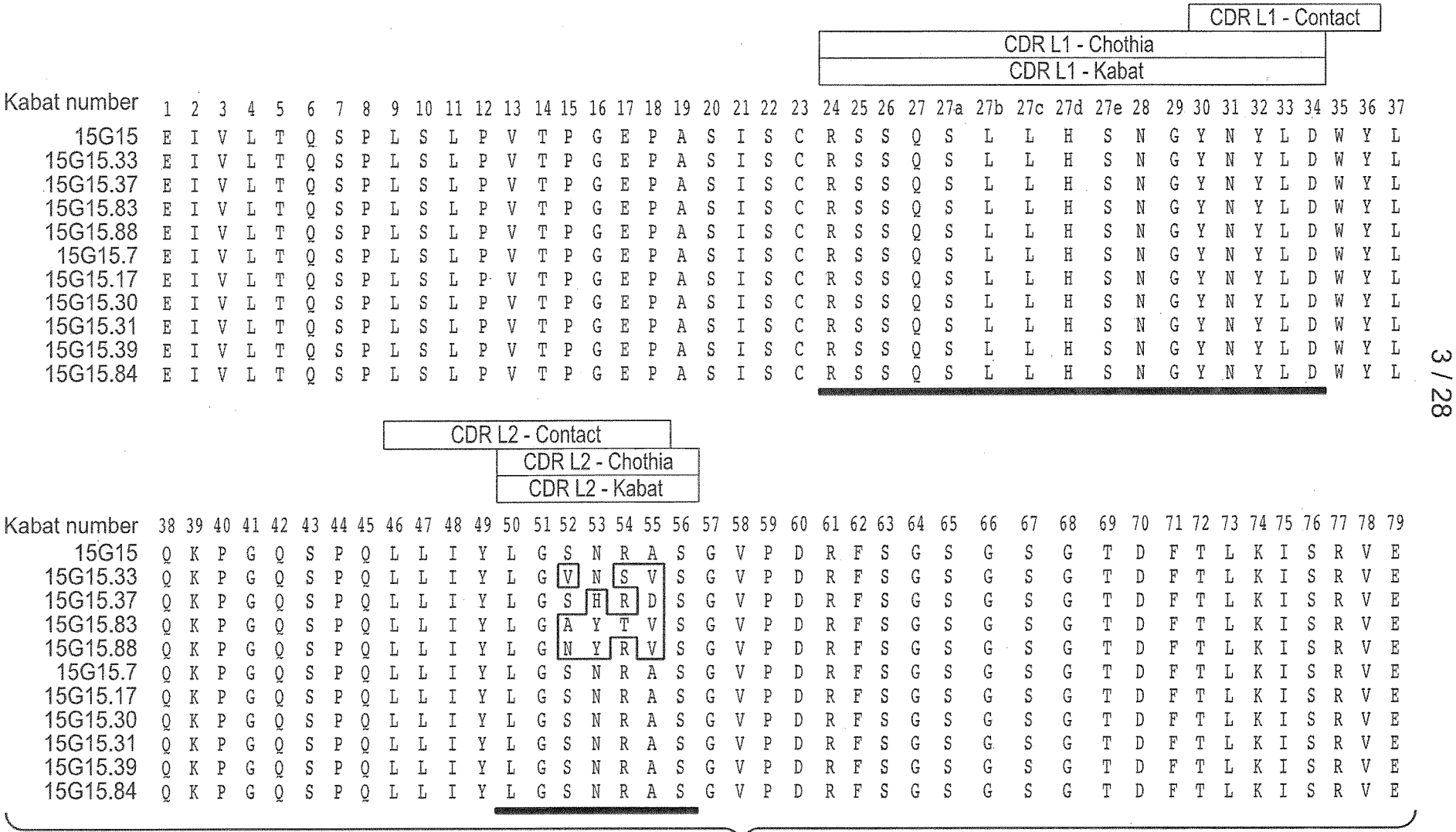



FIG. 2A-1

## Light Chain Variable Region

CDR L3 - Contact
CDR L3 - Chothia
CDR L3 - Kabat

| Kabat number | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15G15 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.33 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.37 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.83 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.88 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.7 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.17 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.30 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.31 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.39 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |
| 15G15.84 | A | E | D | V | G | V | Y | Y | C | M | Q | A | L | Q | T | P | W | T | F | G | Q | G | T | K | V | E | I | K |

FIG. 2A-2

## Heavy Chain Variable Region

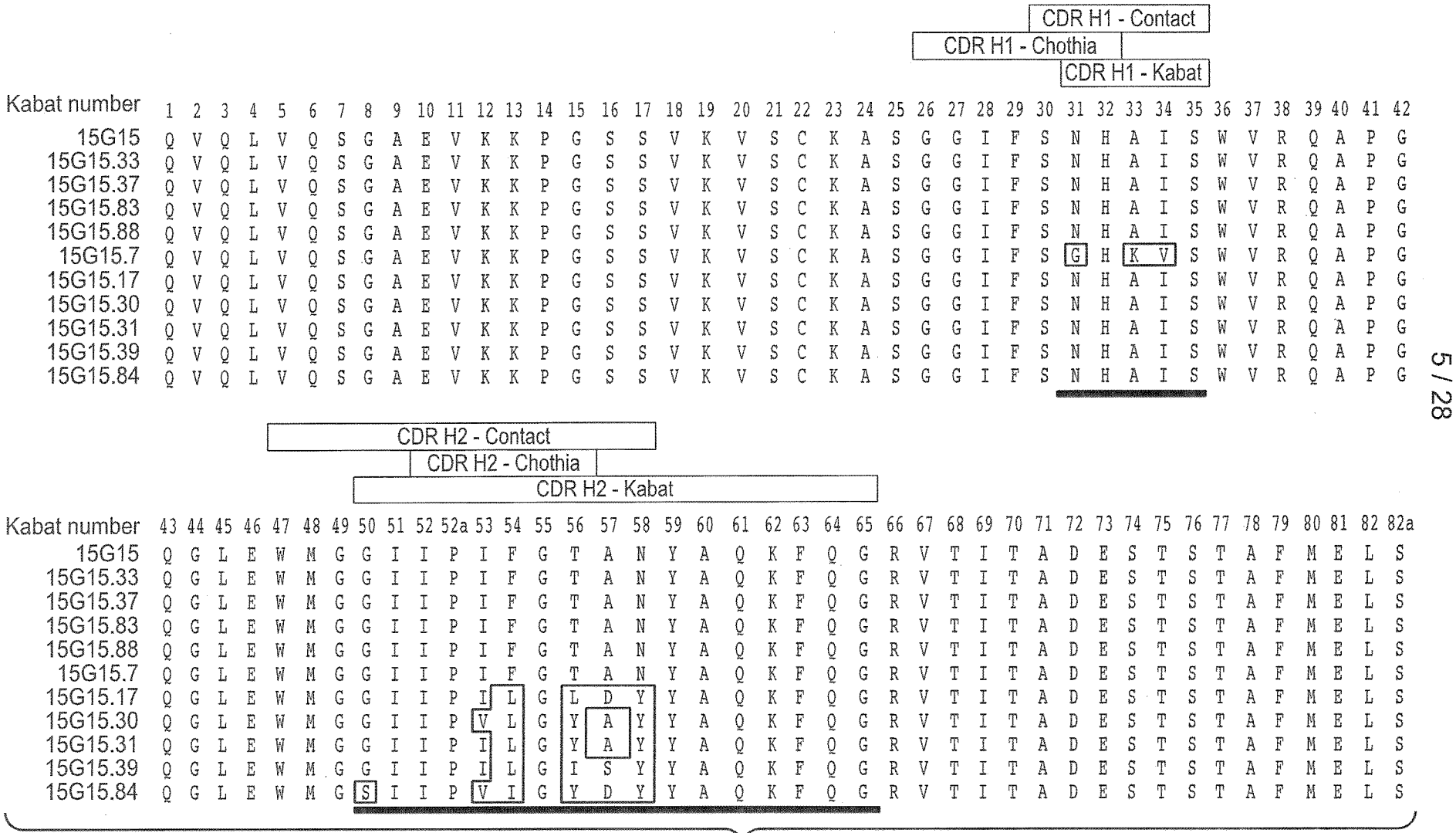



FIG. 2B-1

## Heavy Chain Variable Region

CDR H3 - Contact
CDR H3 - Chothia
CDR H3 - Kabat

| Kabat number | 82b | 82c | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15G15 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.33 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.37 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.83 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.88 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.7 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.17 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.30 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.31 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.39 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |
| 15G15.84 | S | L | R | S | E | D | T | A | V | Y | Y | C | A | R | E | W | A | D | V | F | D | I | W | G | Q | G | T | M | V | T | V | S | S |

FIG. 2B-2

## Light Chain Variable Region

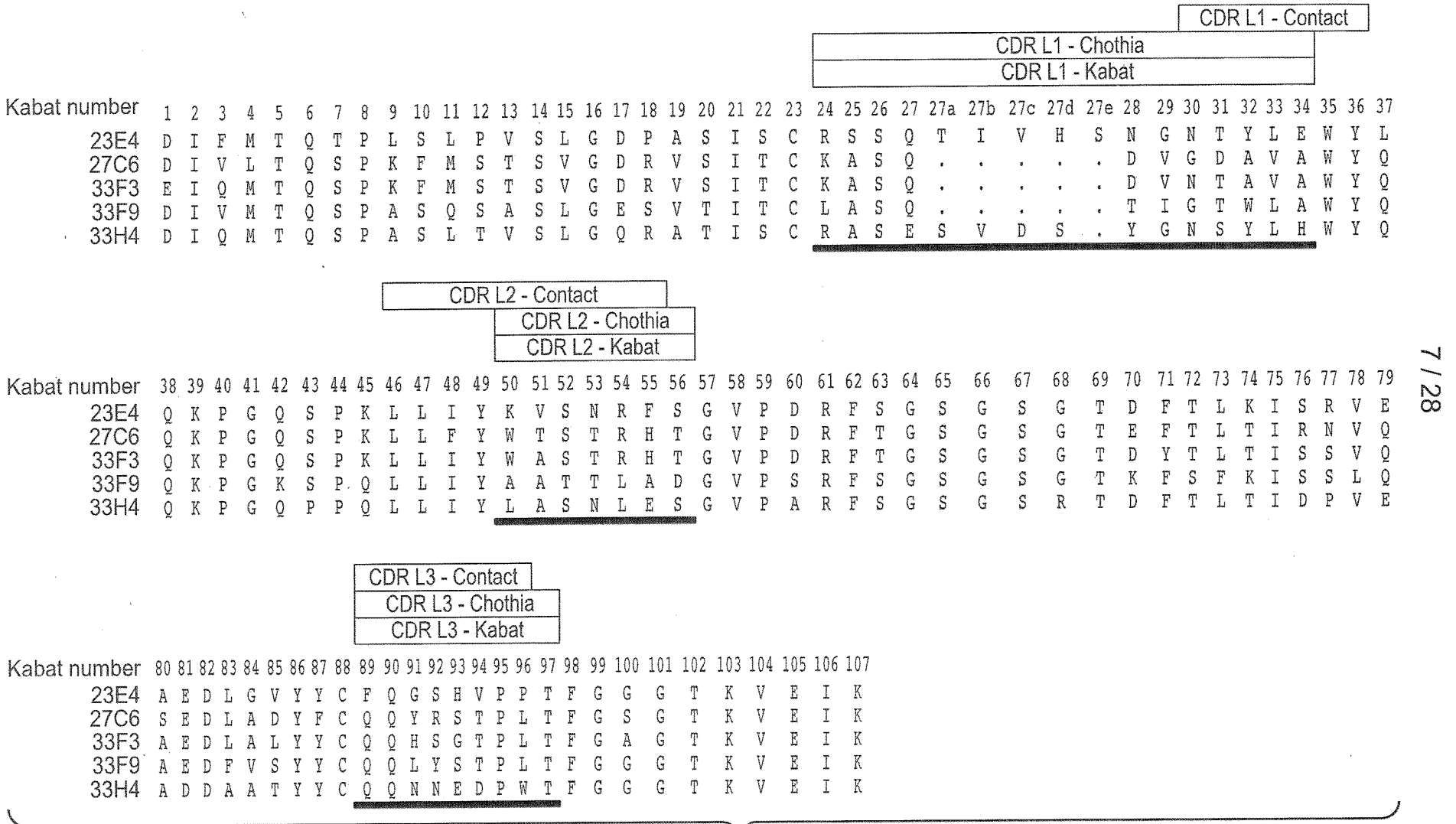



FIG. 3A

## Heavy Chain Variable Region

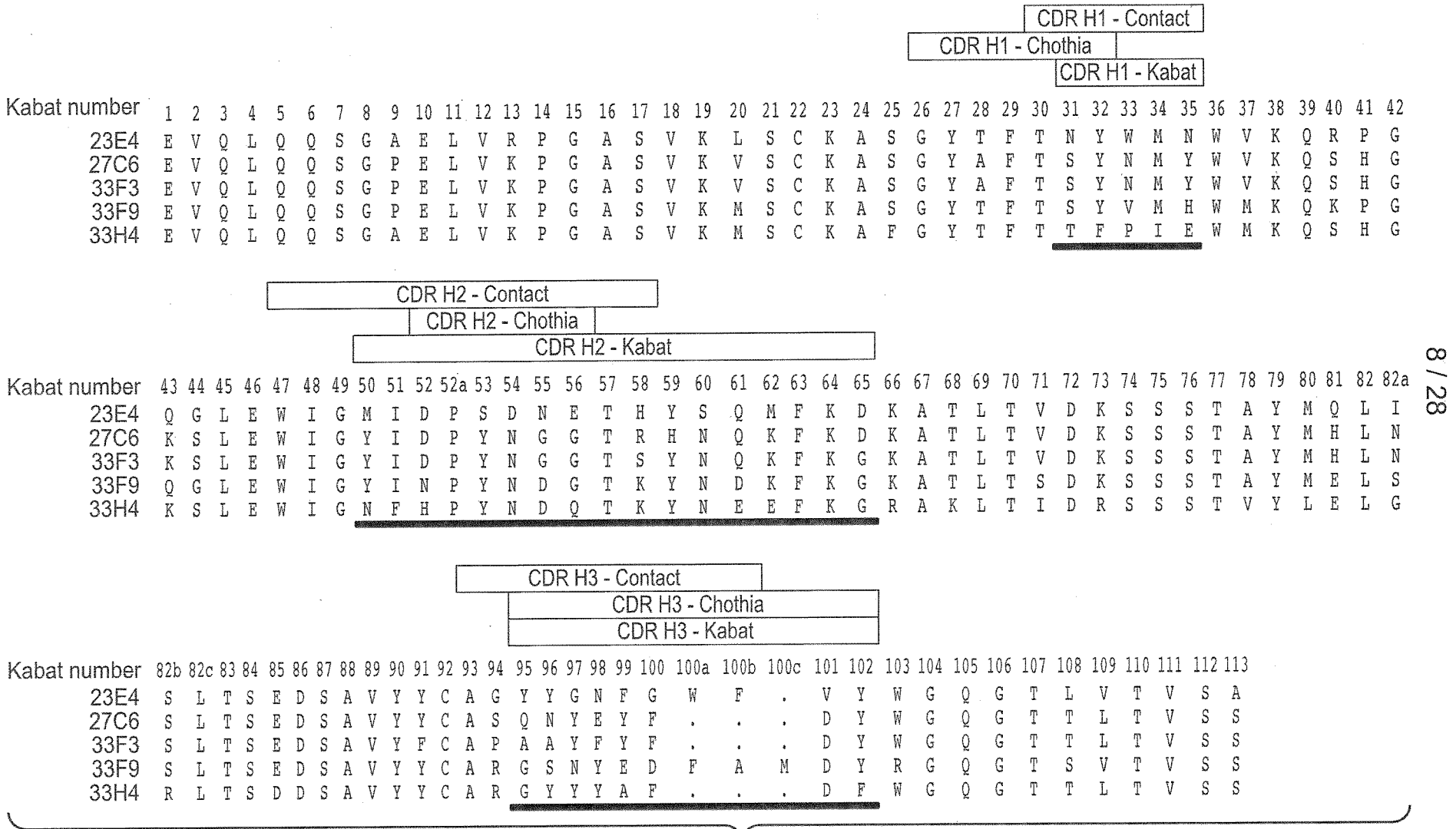



FIG. 3B

## Light Chain Variable Region

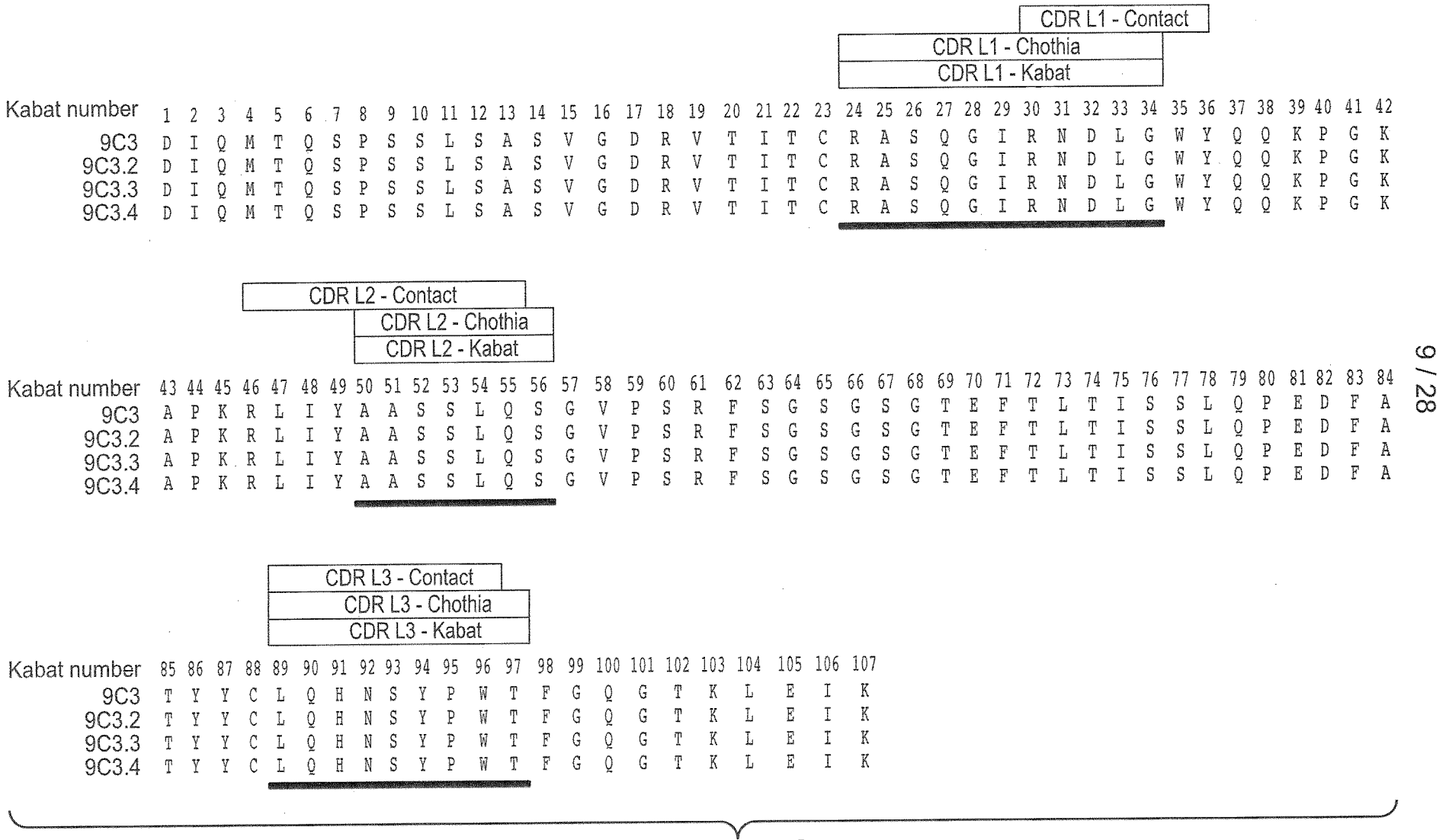



FIG. 4A

## Heavy Chain Variable Region

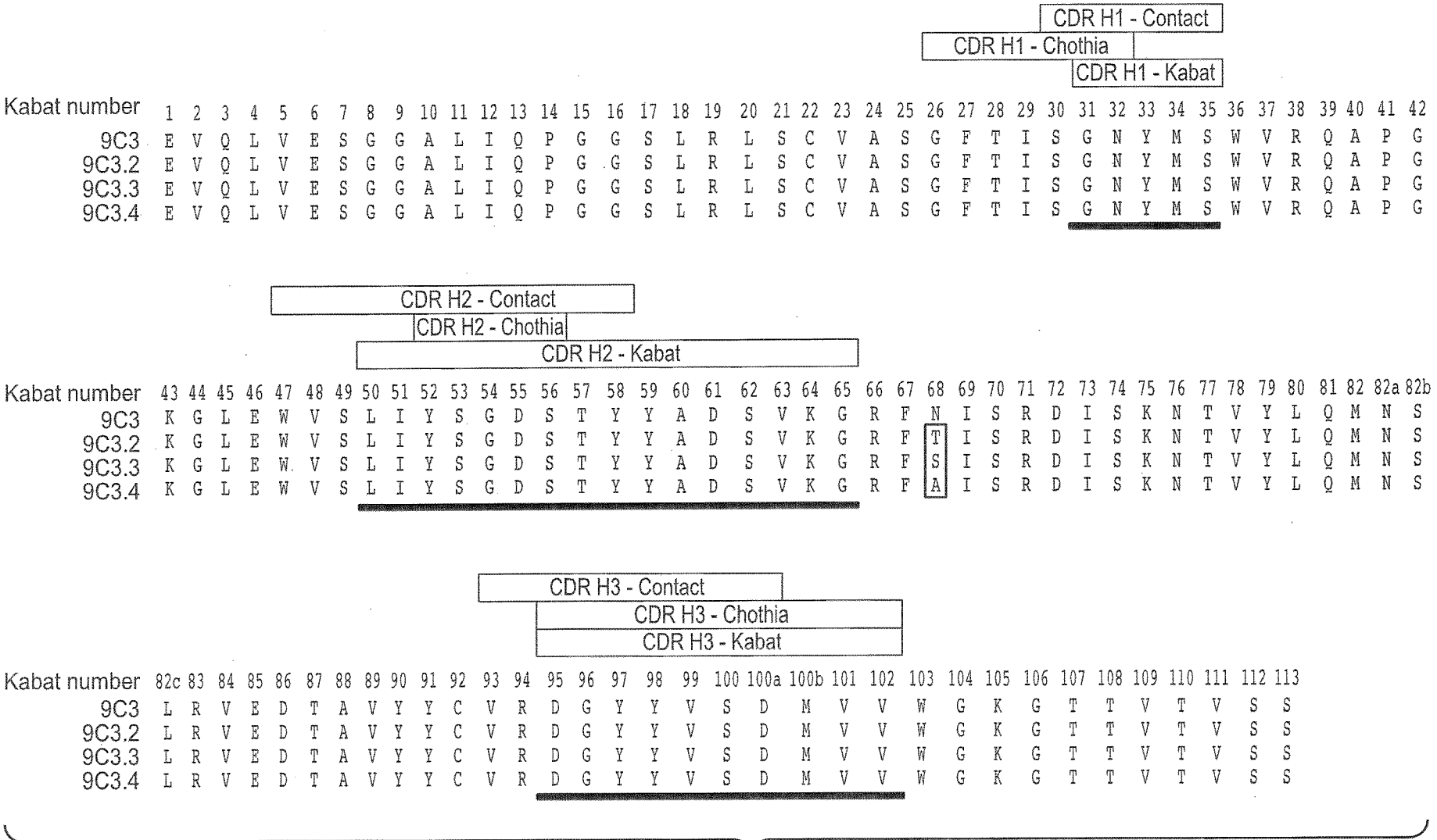



FIG. 4B

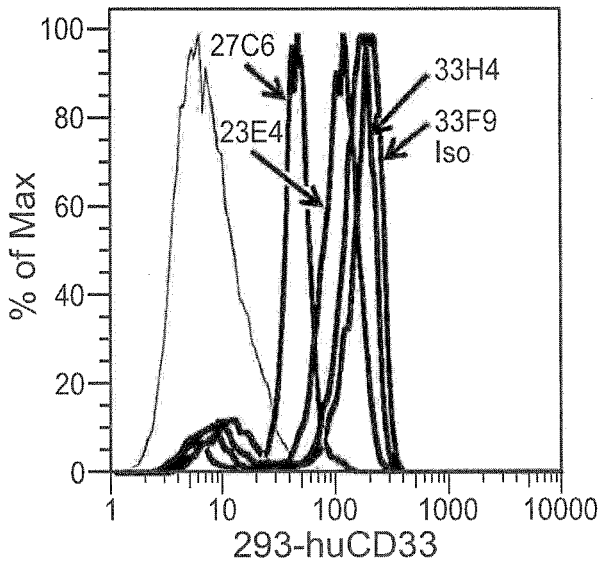



FIG. 5A

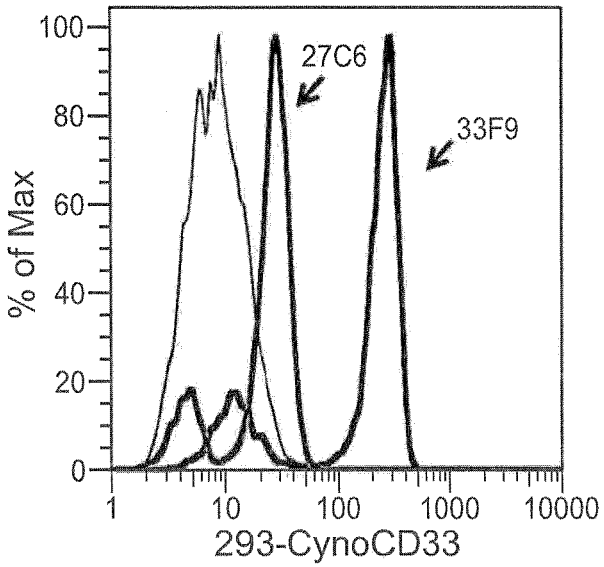



FIG. 5B

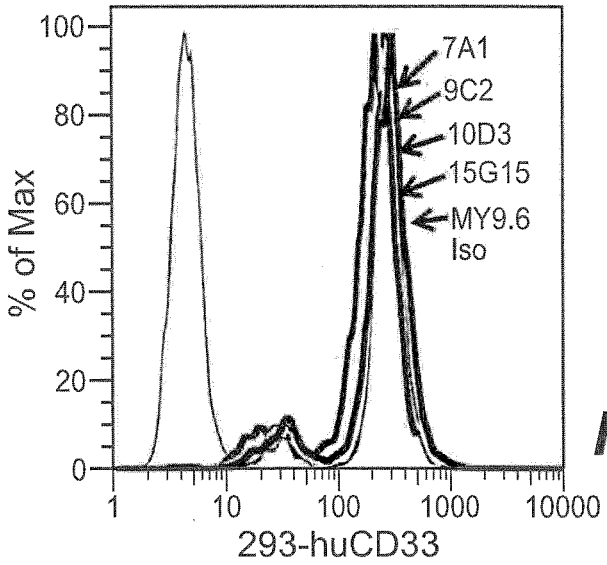



FIG. 5C

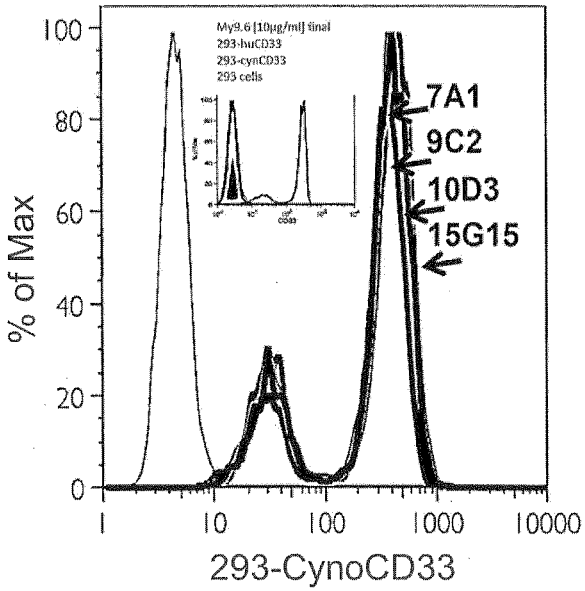



FIG. 5D

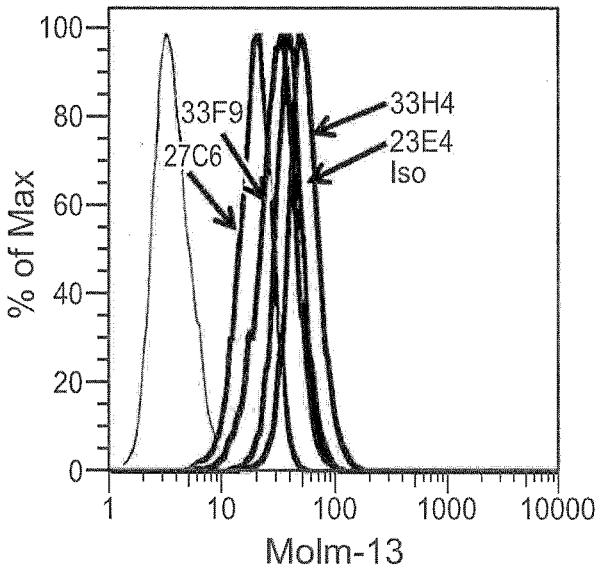



FIG. 6A

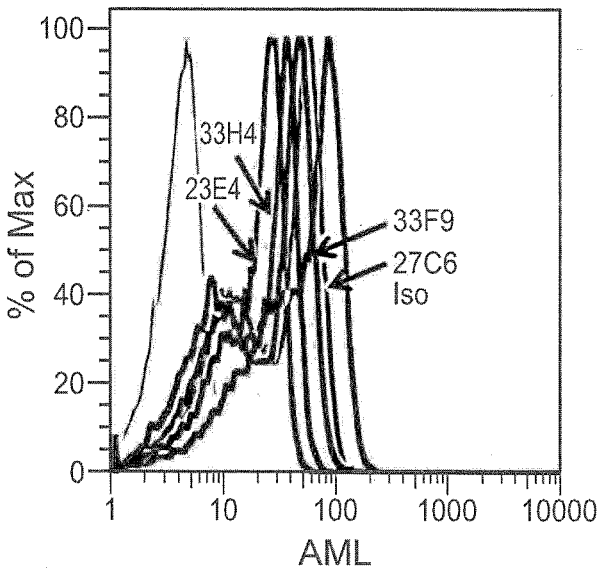



FIG. 6B

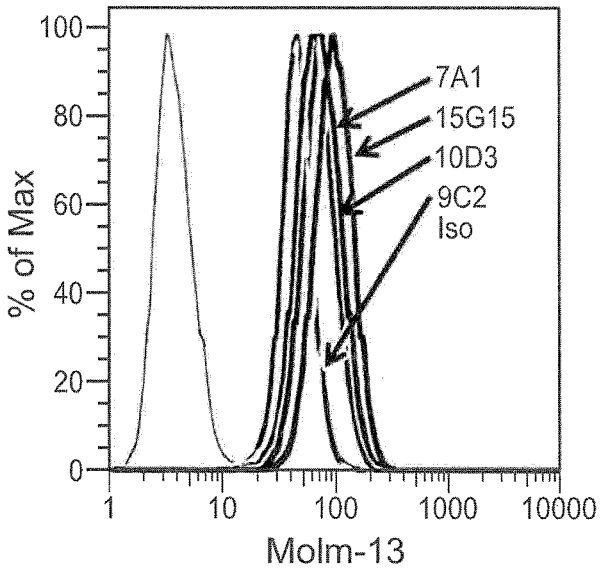



FIG. 6C

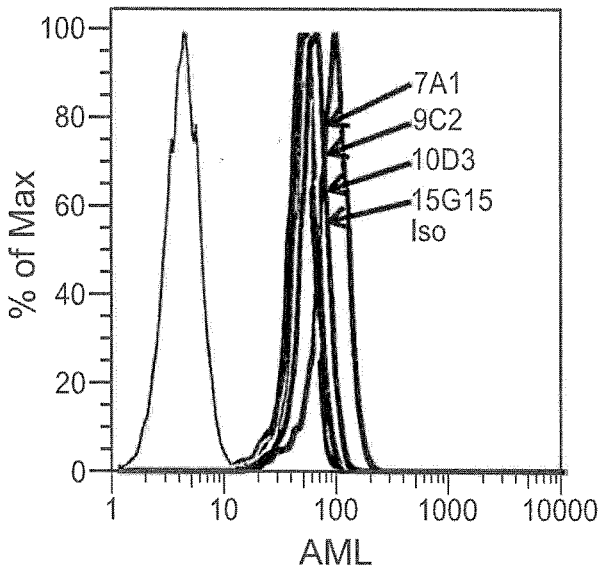



FIG. 6D

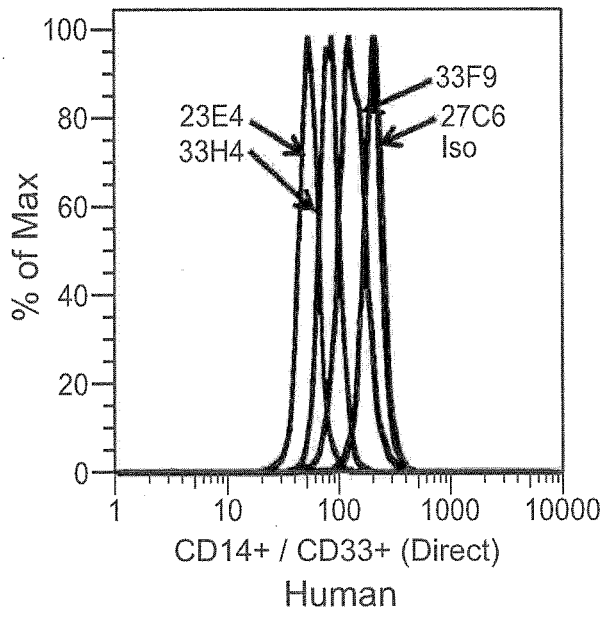



FIG. 7A

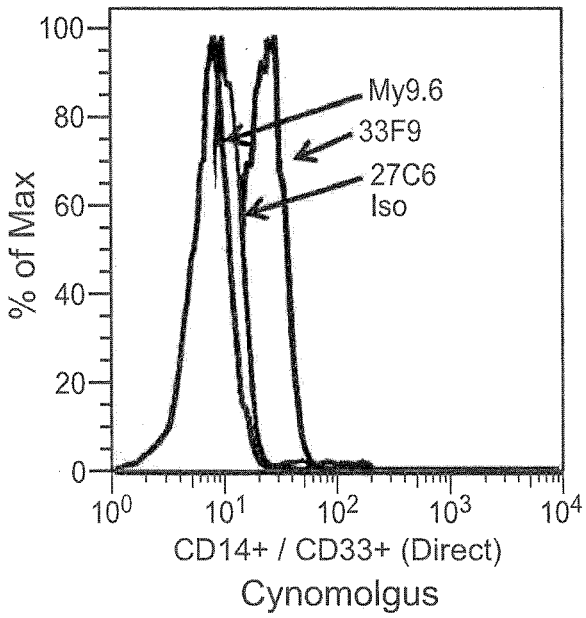



FIG. 7B

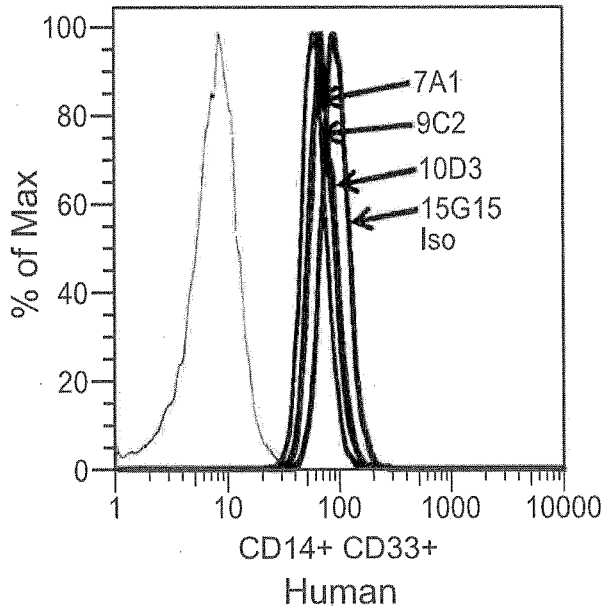



FIG. 7C

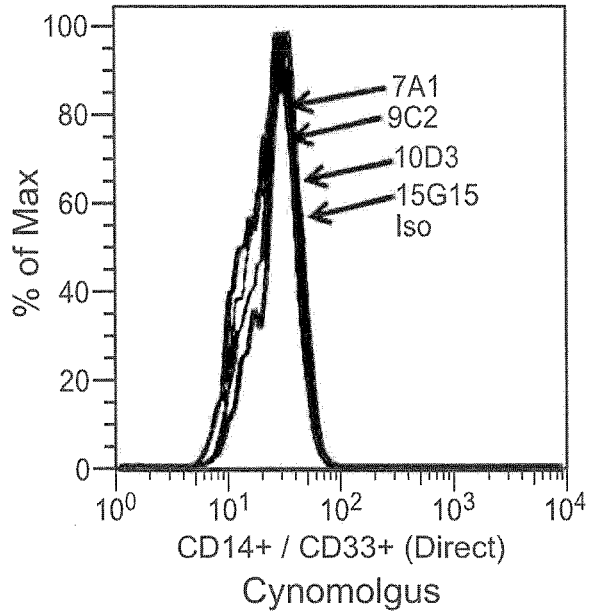



FIG. 7D

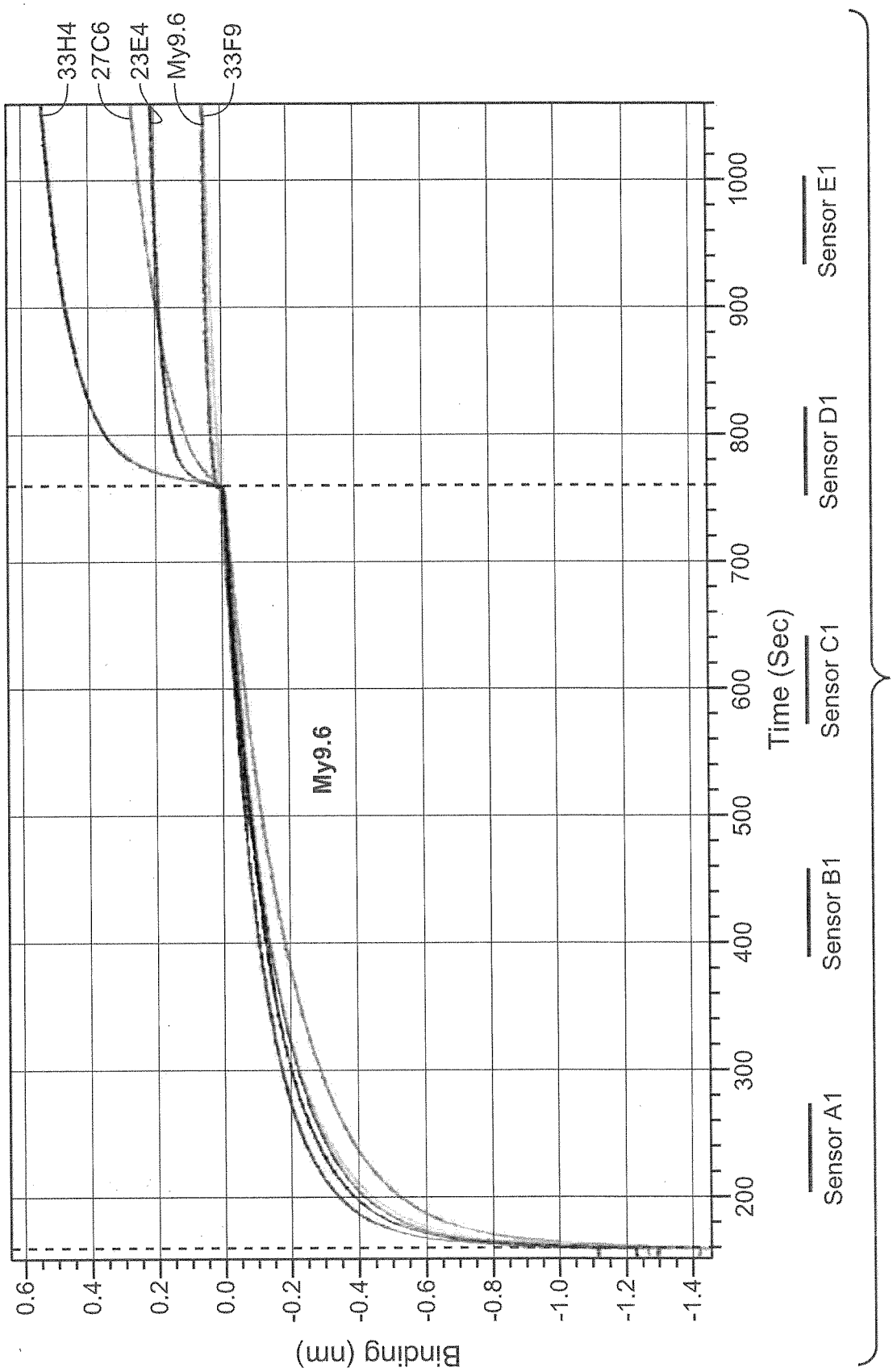

33H4
27C6
23E4
My9.6
33F9
My9.6
Binding (nm)
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
-1.4
200
300
400
500
600
700
800
900
1000
Time (Sec)
Sensor A1
Sensor B1
Sensor C1
Sensor D1
Sensor E1

FIG. 8A

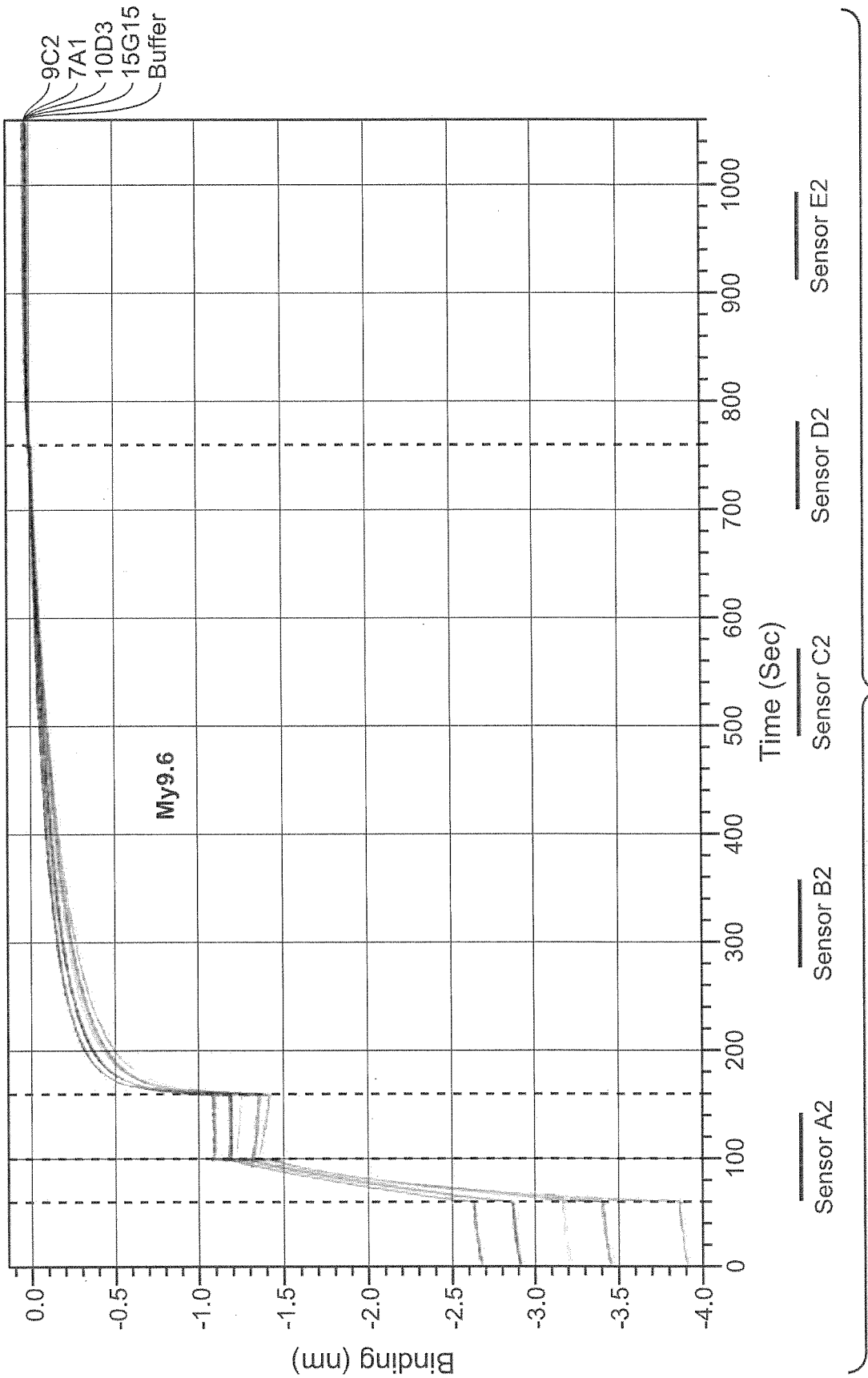

9C2
7A1
10D3
15G15
Buffer
My9.6
Binding (nm)
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
-3.0
-3.5
-4.0
0
100
200
300
400
500
600
700
800
900
1000
Time (Sec)
Sensor A2
Sensor B2
Sensor C2
Sensor D2
Sensor E2

FIG. 8B

| Reference Ab | Binning Antibody | | | | |
|---|---|---|---|---|---|
| My9.6 | My9.6 | 27C6 | 23E4 | 33H4 | 33F9 |
| Different Epitope | (-) | (+) | (+) | (+) | (-) |

| Reference Ab | Binning Antibody | | | | |
|---|---|---|---|---|---|
| My9.6 | 9C2 | 7A1 | 10D3 | 15G15 | Buffer |
| Different Epitope | (-) | (-) | (-) | (-) | (-) |

FIG. 8C



| Reference Ab | Binning Antibody | | | | |
|---|---|---|---|---|---|
| 15G15 | My9.6 | 27C6 | 23E4 | 33H4 | 33F9 |
| Different Epitope | (-) | (+) | (-) | (-) | (+) |

| Reference Ab | Binning Antibody | | | | |
|---|---|---|---|---|---|
| 15G15 | 9C2 | 7A1 | 10D3 | 15G15 | Buffer |
| Different Epitope | (-) | (-) | (-) | (-) | (-) |

FIG. 8D

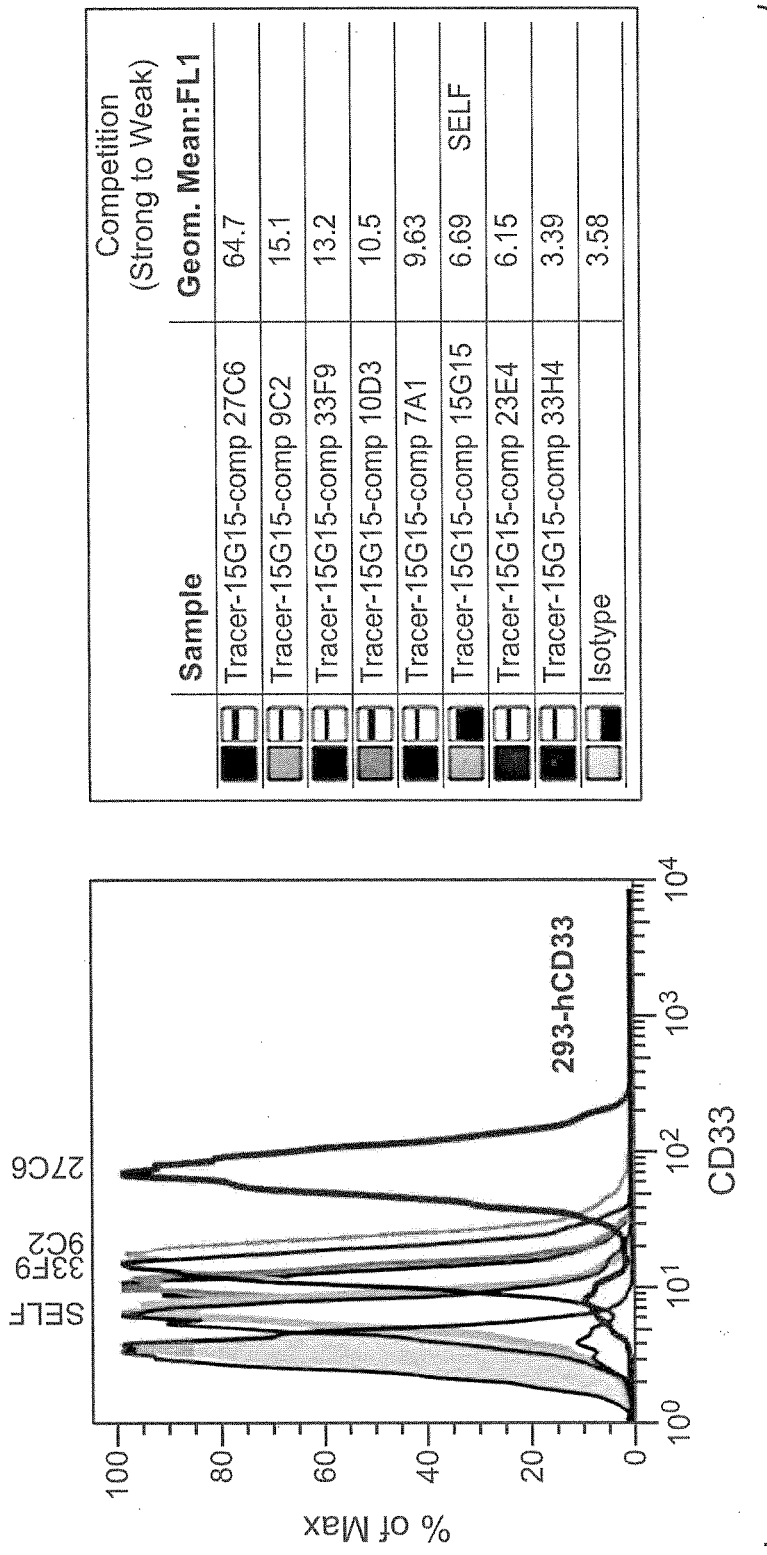

Competition
(Strong to Weak)
Sample
Geom. Mean:FL1
Tracer-15G15-comp 27C6
64.7
Tracer-15G15-comp 9C2
15.1
Tracer-15G15-comp 33F9
13.2
Tracer-15G15-comp 10D3
10.5
Tracer-15G15-comp 7A1
9.63
Tracer-15G15-comp 15G15
6.69
SELF
Tracer-15G15-comp 23E4
6.15
Tracer-15G15-comp 33H4
3.39
Isotype
3.58
293-hCD33
% of Max
CD33
SELF
33F9
9C2
27C6

FIG. 9

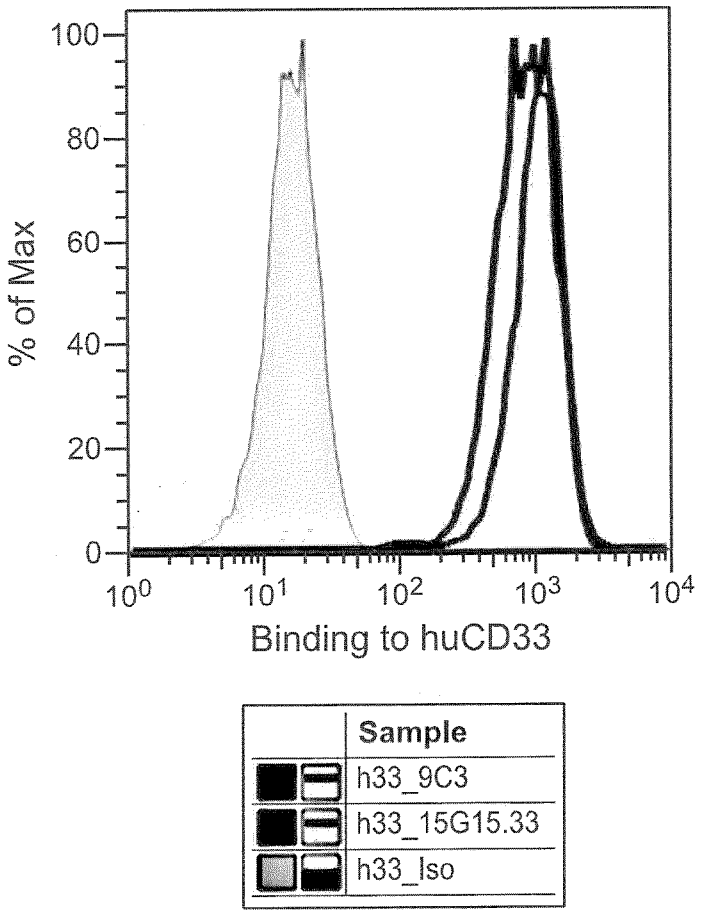



FIG. 10A

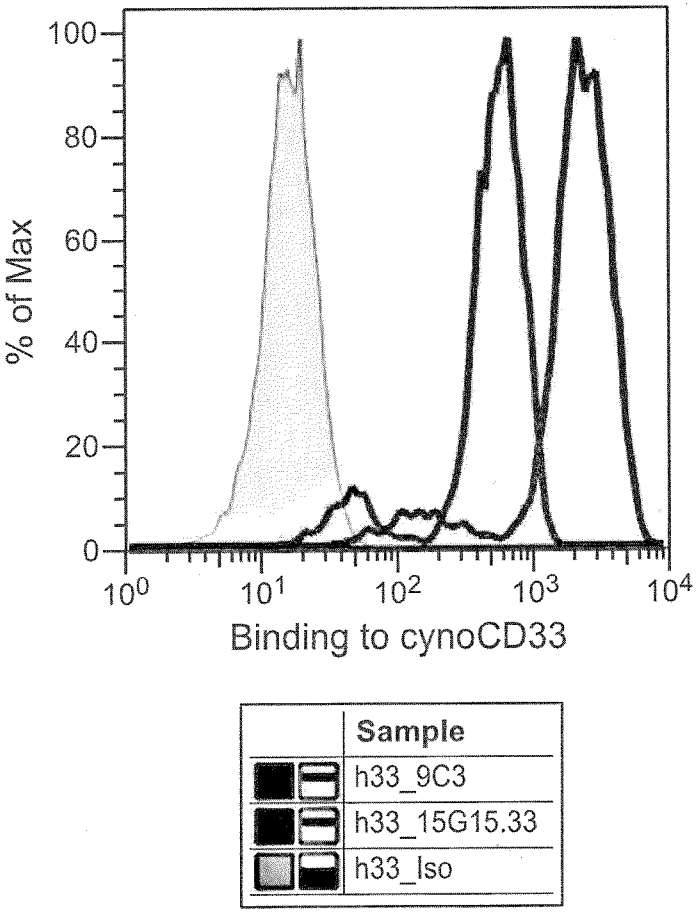



FIG. 10B

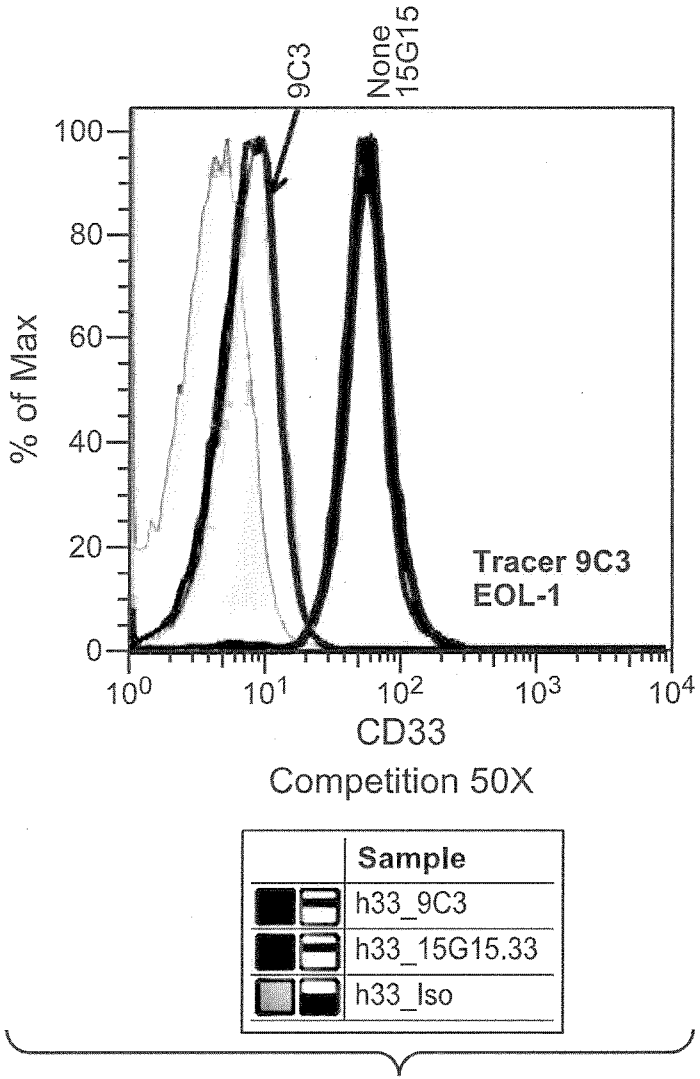



FIG. 10C

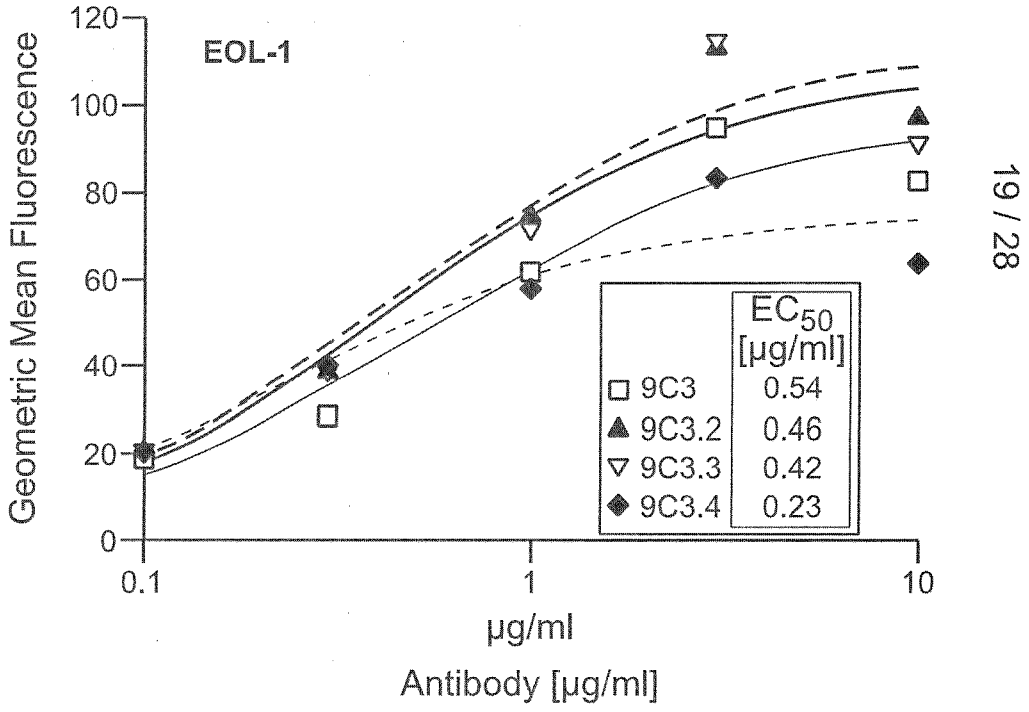



FIG. 11

FIG. 12A

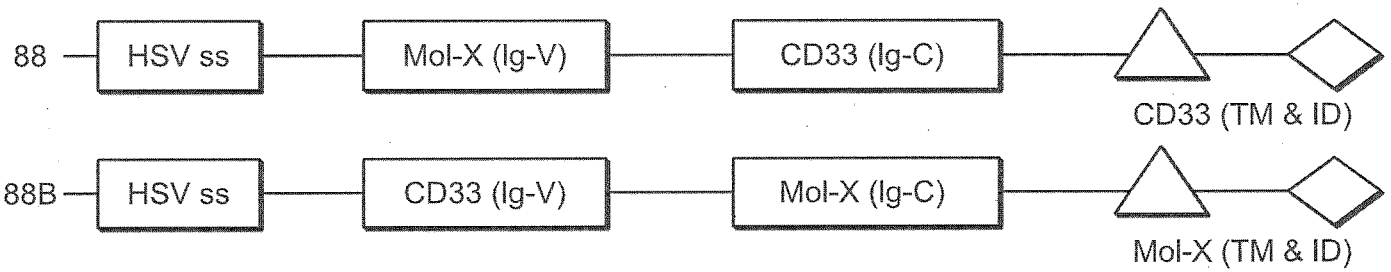
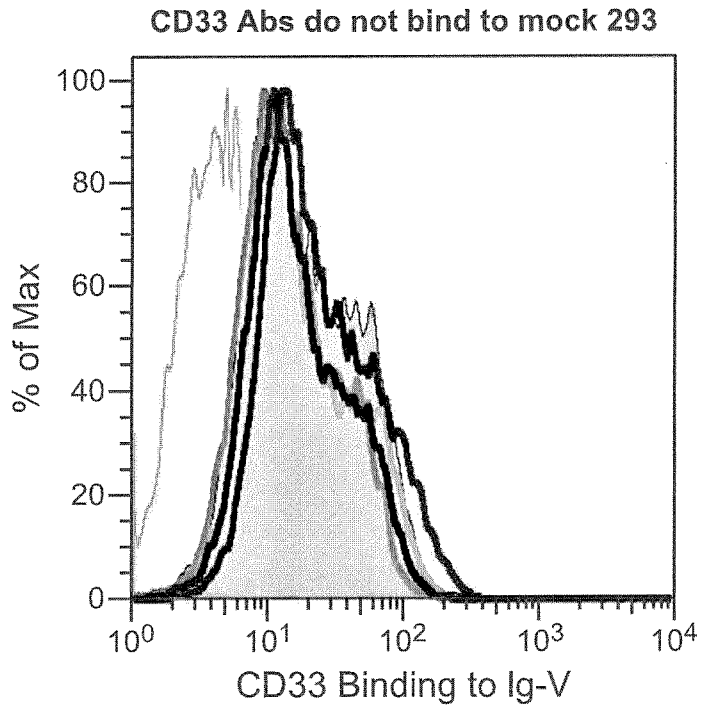
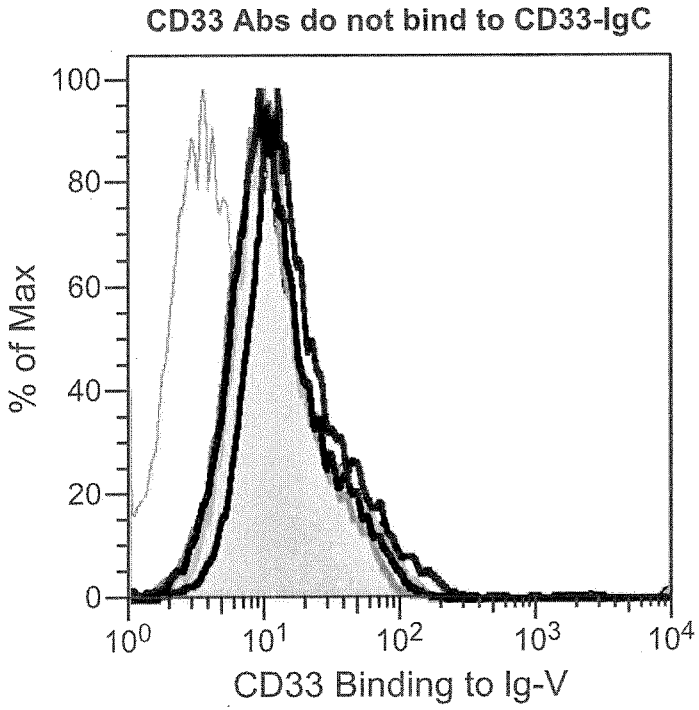



FIG. 12B

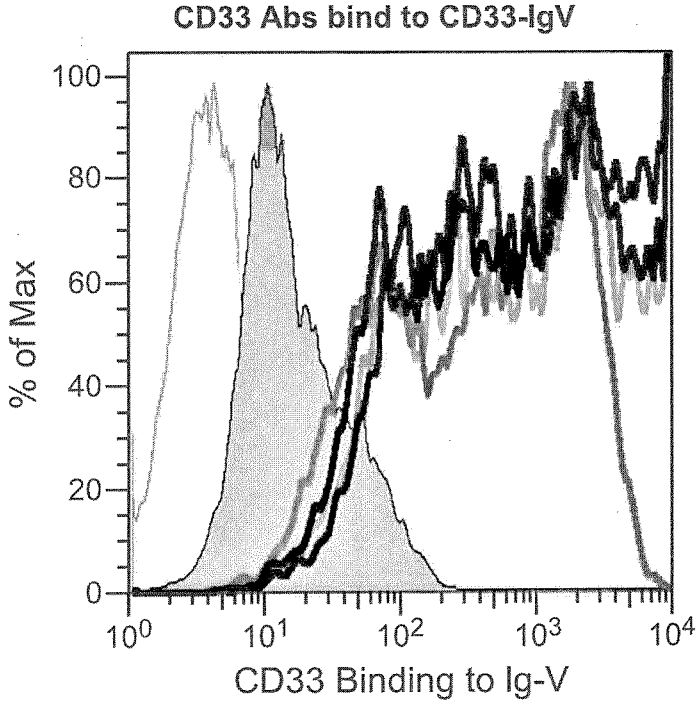



| | Sample | Geom. Mean:FL4-H |
|---|---|---|
| | mock_15G15 | 23.9 |
| | mock_10D3 | 16.7 |
| | mock_9C2 | 14.4 |
| | mock_7A1 | 17.7 |
| | mock_hgD-650 | 18.6 |
| | mock_P1 | 4.13 |



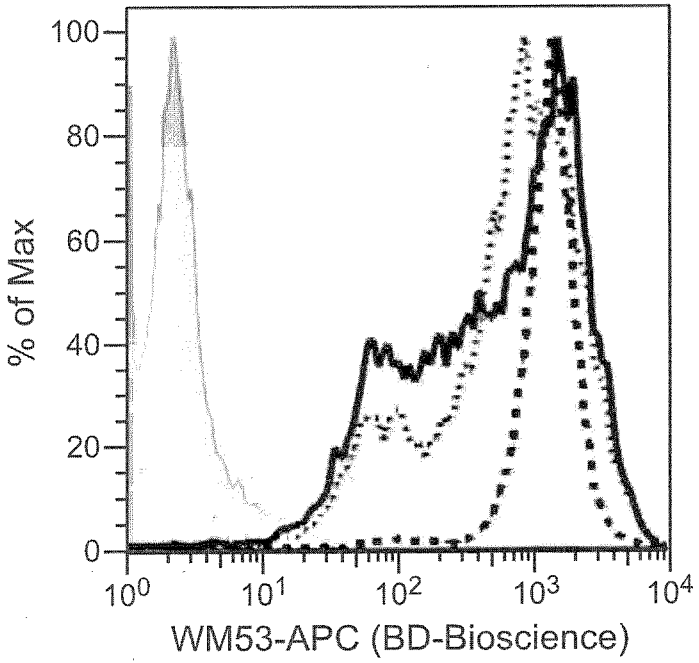

| | Sample | Geom. Mean:FL4-H |
|---|---|---|
| | 88_15G15 | 17 |
| | 88_10D3 | 12.1 |
| | 88_9C2 | 11.2 |
| | 88_7A1 | 13 |
| | 88_hgD-650 | 13.9 |
| | 88_P1 | 3.68 |

FIG. 12C



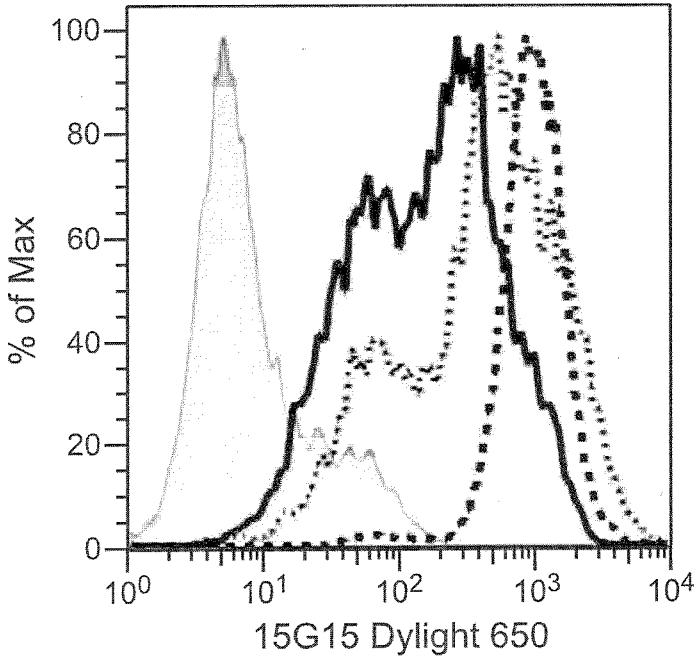

| | Sample | Geom. Mean:FL4-H |
|---|---|---|
| | 88B_15G15 | 1022 |
| | 88B_10D3 | 684 |
| | 88B_9C2 | 366 |
| | 88B_7A1 | 772 |
| | 88B_hgD-650 | 16.7 |
| | 88B_P1 | 3.86 |

FIG. 12D




| | Sample | Geom. Mean:FL4-H |
|---|---|---|
| | huCD33_WM53 | 1275 |
| | 2Xmut_WM53 | 500 |
| | S115A_WM53 | 609 |
| | S115A_Iso-APC | 2.52 |

FIG. 13A




| | Sample | Geom. Mean:FL4-H |
|---|---|---|
| | huCD33_15G15 | 958 |
| | 2Xmut_15G15 | 156 |
| | S115A_15G15 | 389 |
| | S115A_Iso-650 | 8.67 |

FIG. 13B

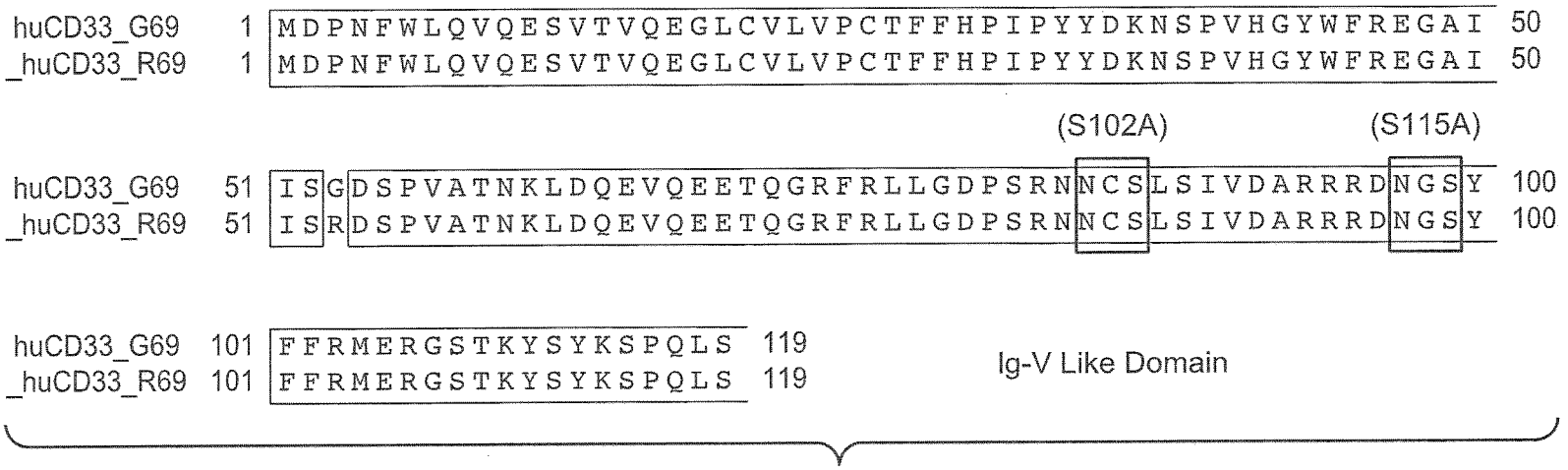



FIG. 13C



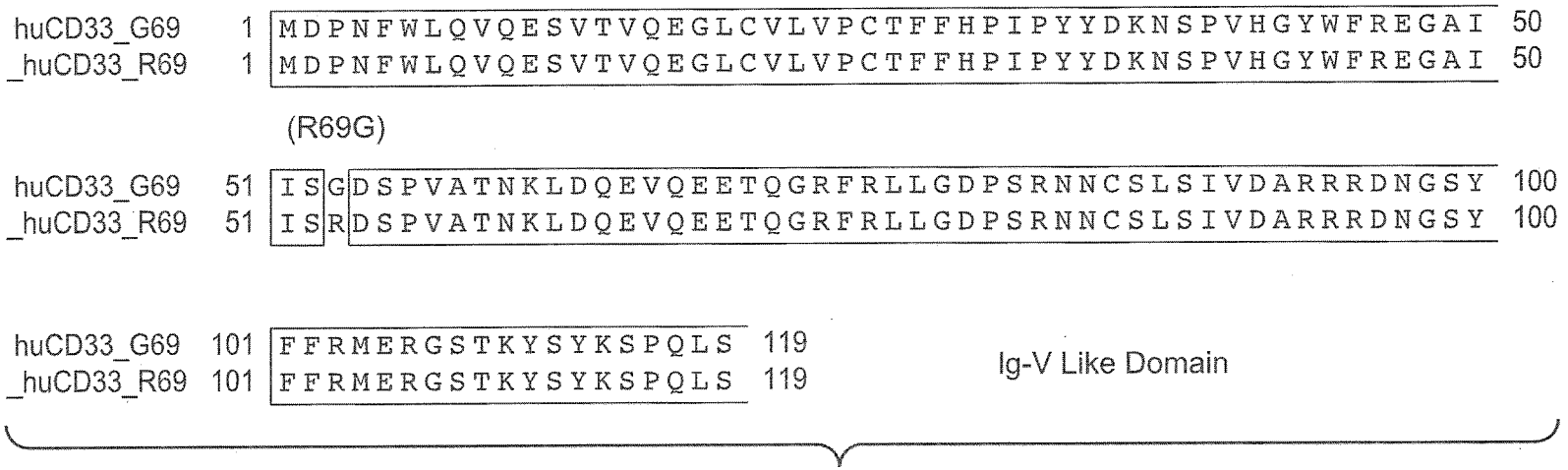
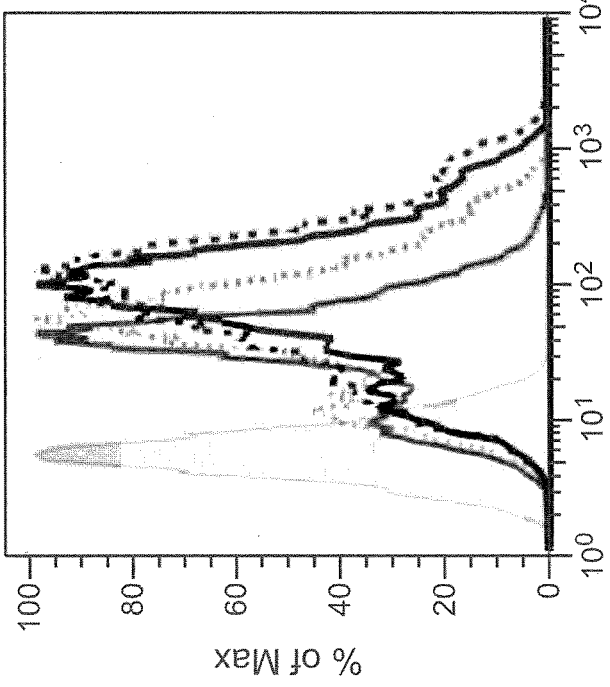
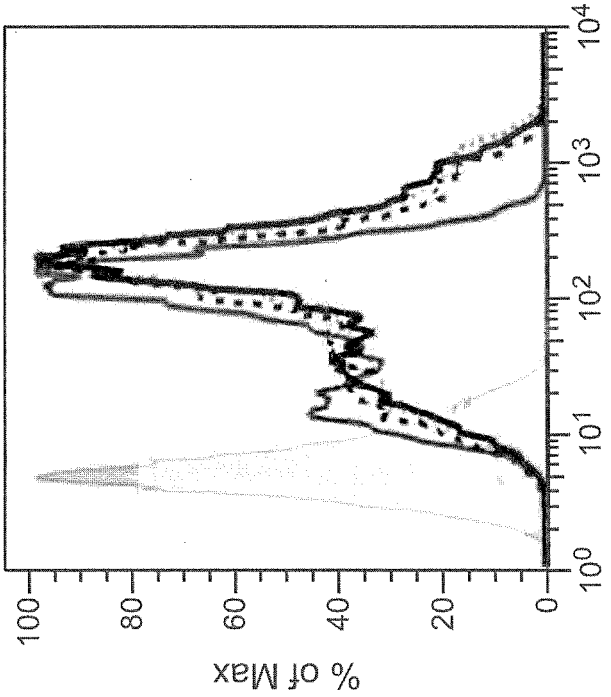



FIG. 14A




| Sample | Geom. Mean:FL1-H |
|---|---|
| SNPG69R-33H4 | 78.7 |
| SNPG69R-33F9 | 85.2 |
| SNPG69R-27C6 | 32.3 |
| SNPG69R-23E4 | 50.1 |
| SNPG69R-mIgG1 | 5.78 |

FIG. 14B




| Sample | Geom. Mean:FL1-H |
|---|---|
| SNPG69R-15G15 | 123 |
| SNPG69R-10D3 | 103 |
| SNPG69R-9C2 | 71.7 |
| SNPG69R-7A1 | 125 |
| SNPG69R-gD | 5.83 |

FIG. 14C

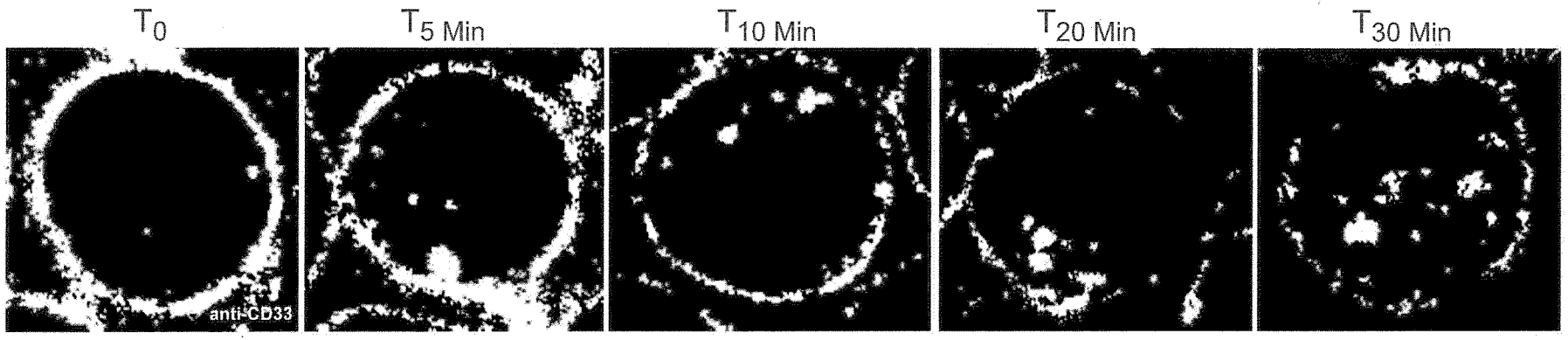



FIG. 15A

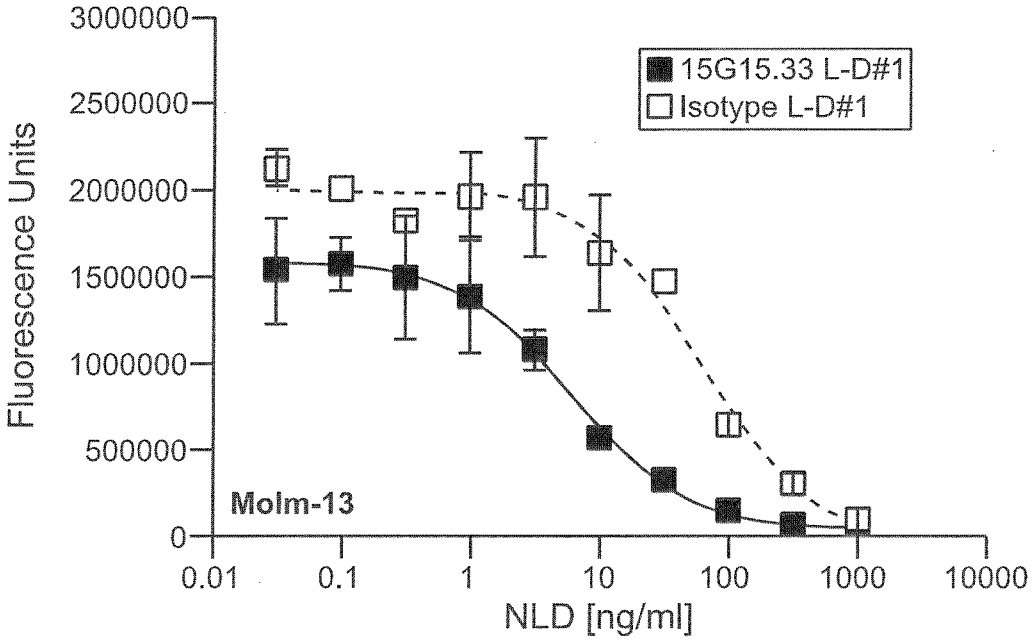
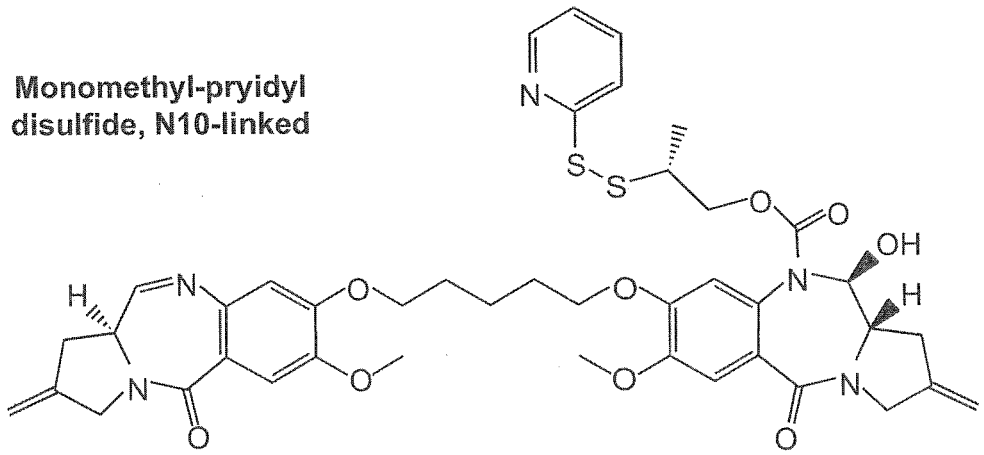



FIG. 15B


Monomethyl-pryidyl
disulfide, N10-linked
N
S
S
O
O
OH
H
N
O
O
O
O
N
H
N
O
O
N
O

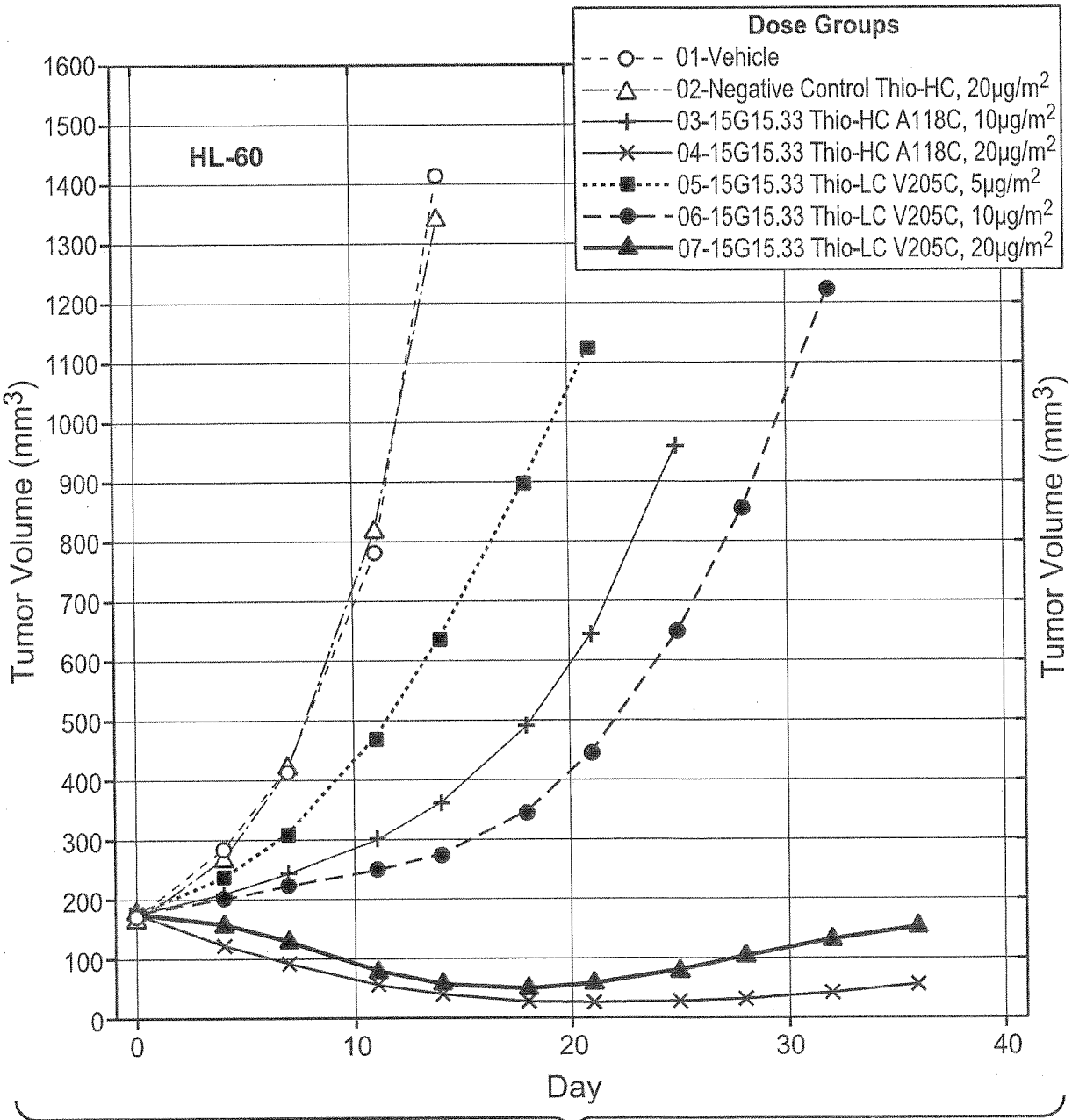
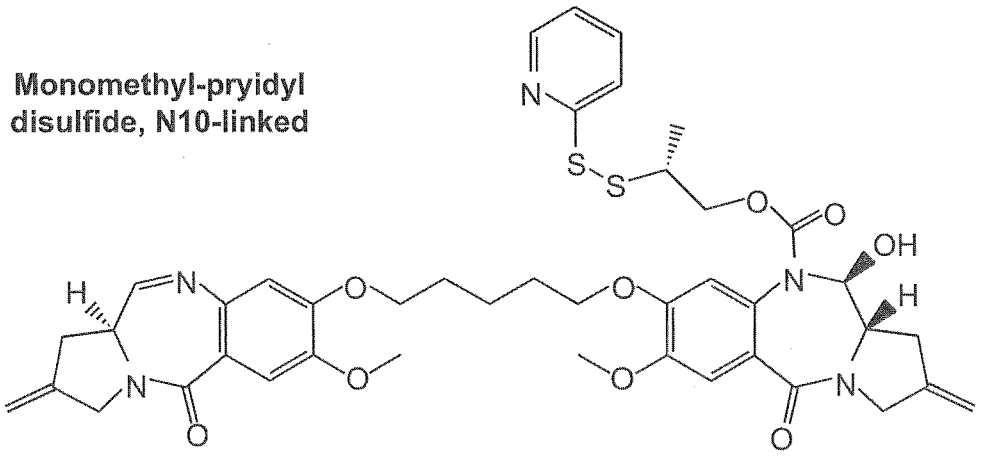

Dose Groups
01-Vehicle
02-Negative Control Thio-HC, 20µg/m2
03-15G15.33 Thio-HC A118C, 10µg/m2
04-15G15.33 Thio-HC A118C, 20µg/m2
05-15G15.33 Thio-LC V205C, 5µg/m2
06-15G15.33 Thio-LC V205C, 10µg/m2
07-15G15.33 Thio-LC V205C, 20µg/m2
HL-60
Tumor Volume (mm3)
Tumor Volume (mm3)
Day
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
0
10
20
30
40

FIG. 16A

**Monomethyl-pryidyl disulfide, N10-linked**



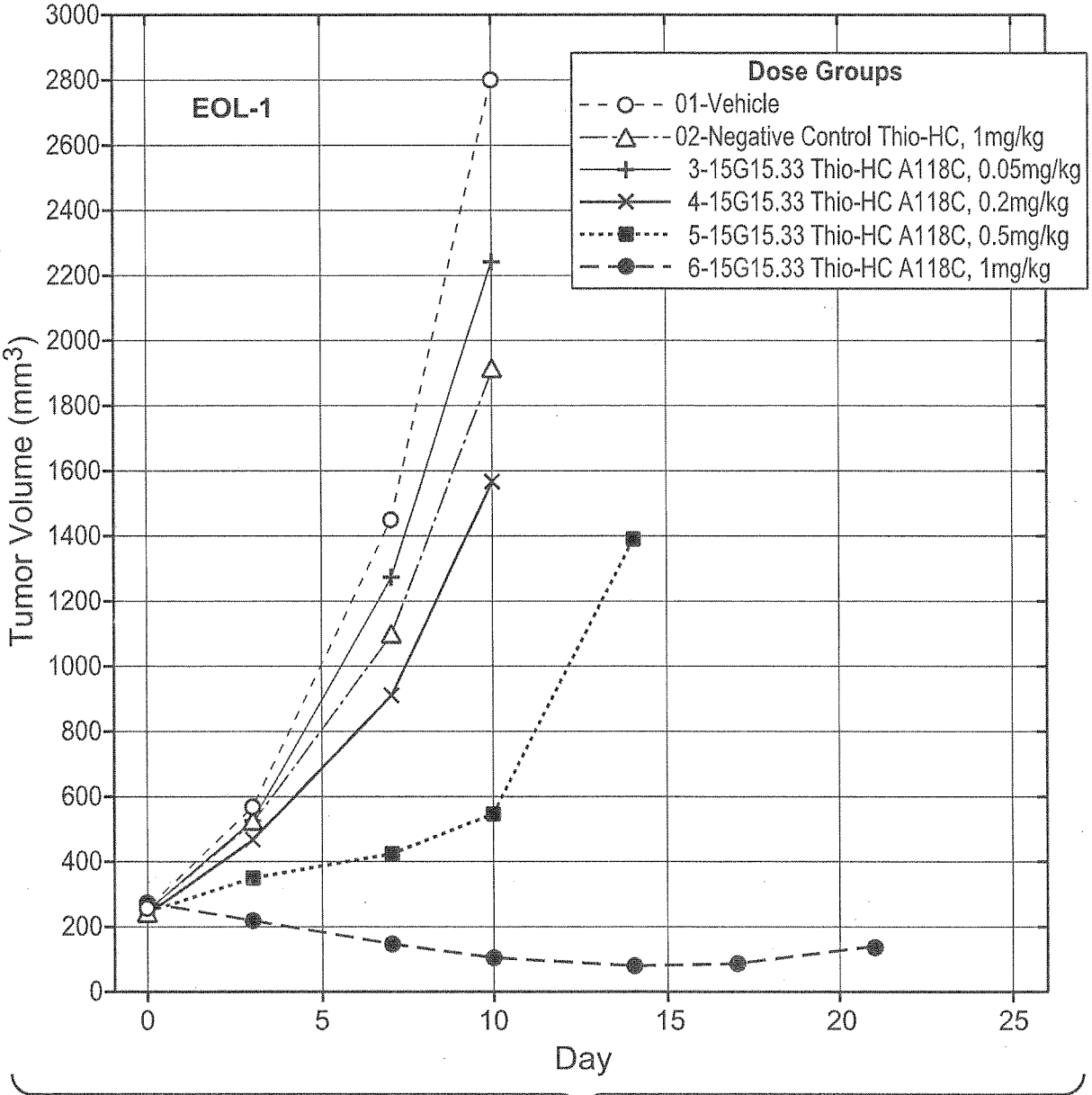
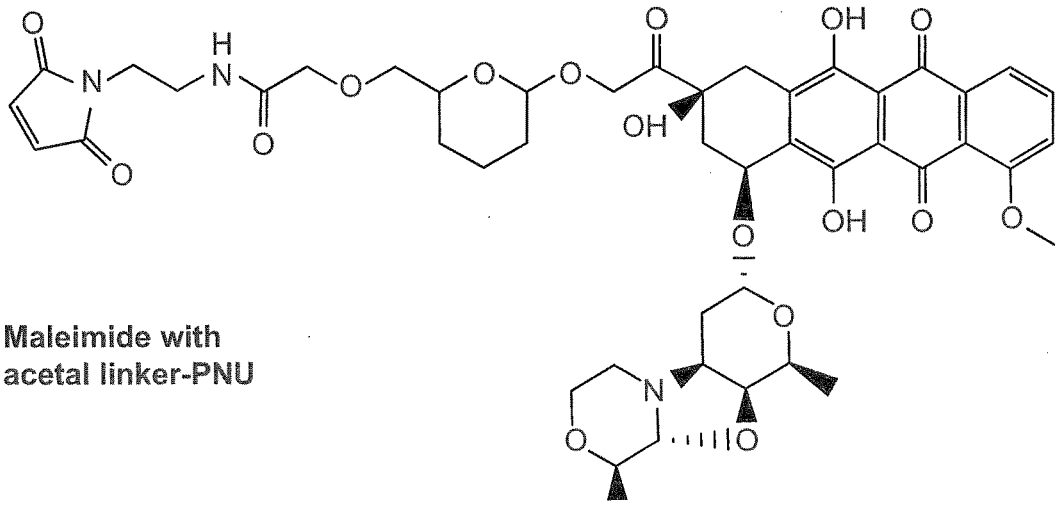



FIG. 16B



**Maleimide with acetal linker-PNU**

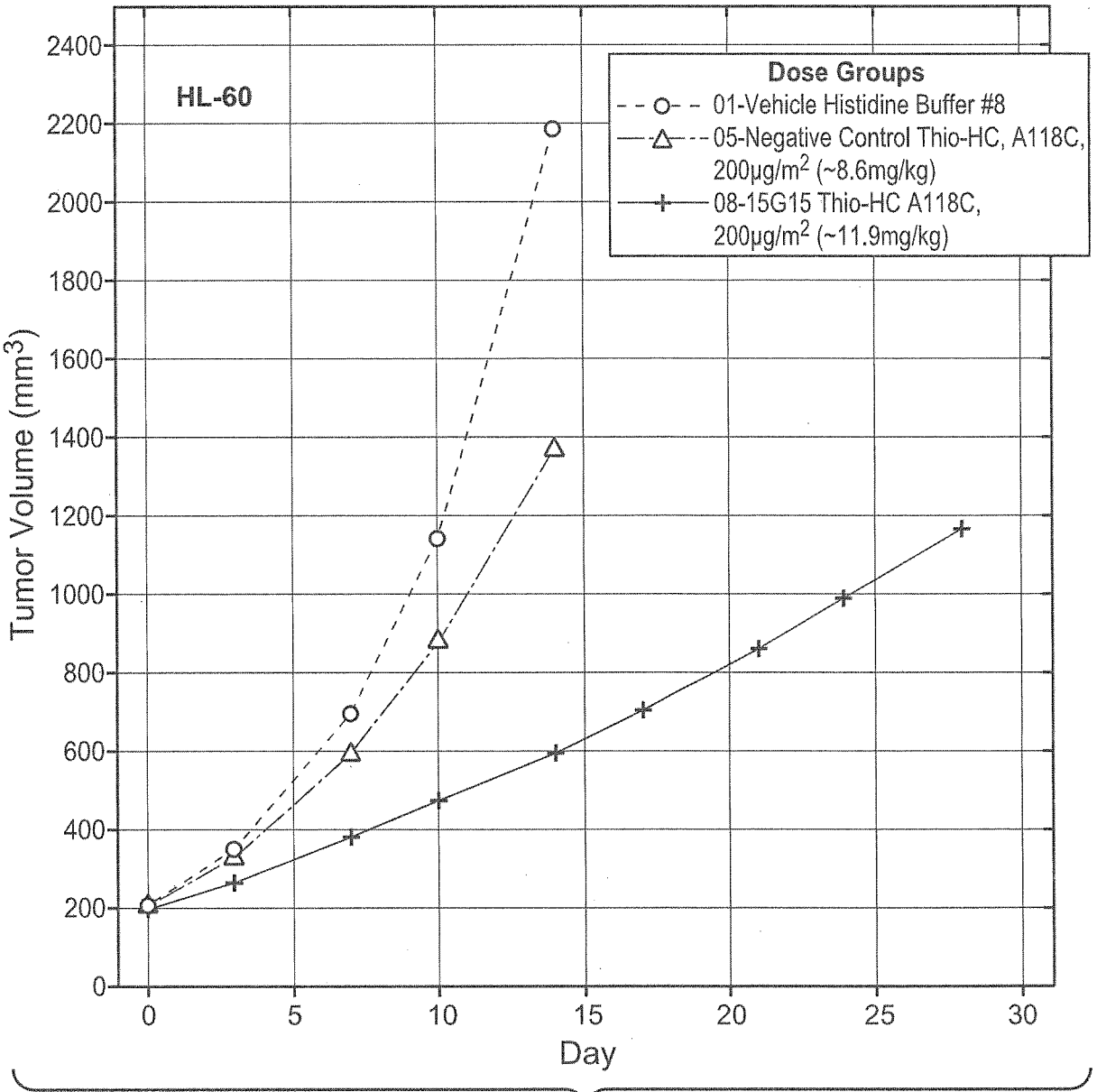



FIG. 17