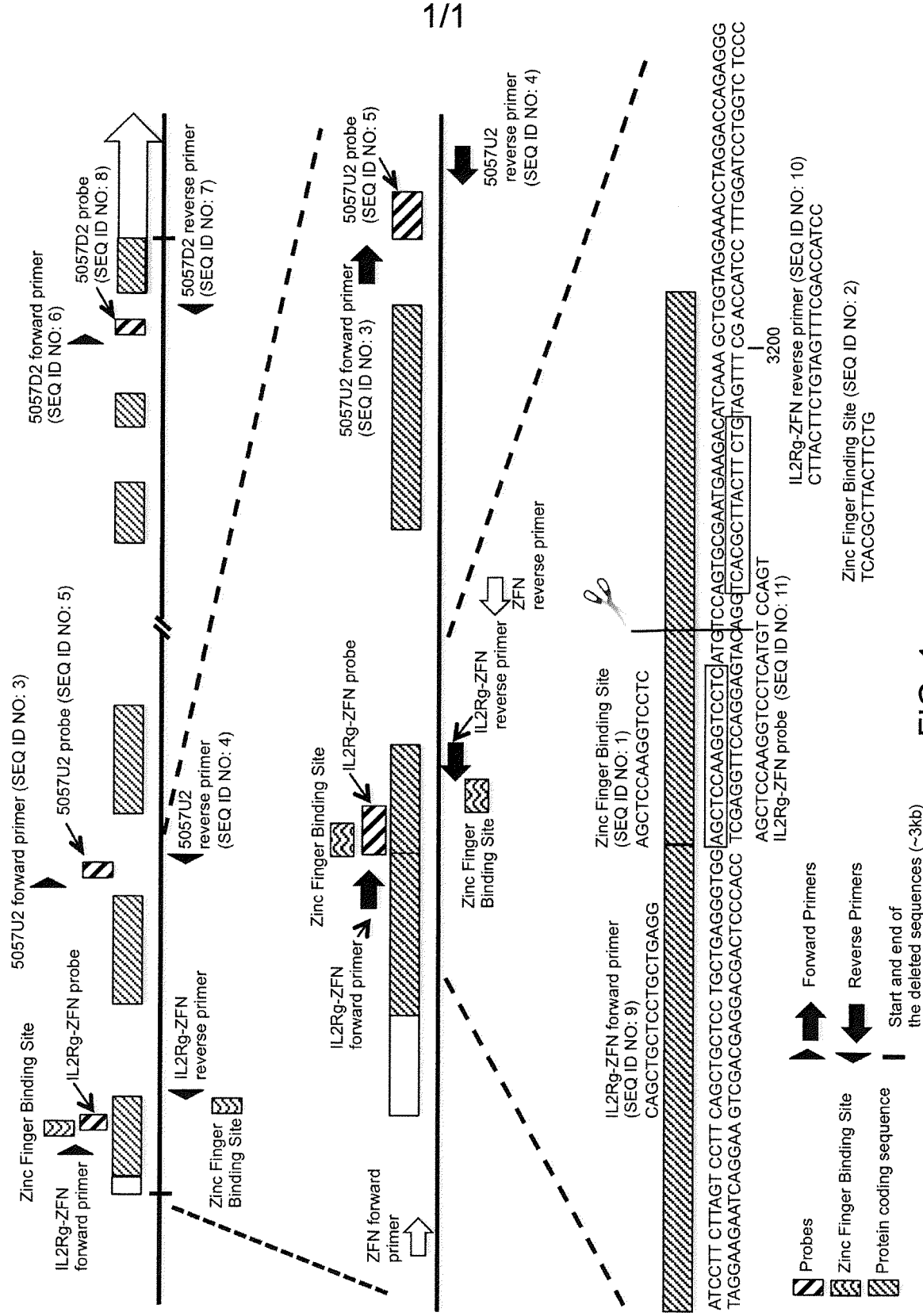

5057D2 forward primer (SEQ ID NO: 6)
5057D2 probe (SEQ ID NO: 8)
5057D2 reverse primer (SEQ ID NO: 7)
5057U2 forward primer (SEQ ID NO: 3)
5057U2 probe (SEQ ID NO: 5)
5057U2 reverse primer (SEQ ID NO: 4)
Zinc Finger Binding Site
IL2Rg-ZFN probe
IL2Rg-ZFN forward primer
IL2Rg-ZFN reverse primer
ZFN forward primer
ZFN reverse primer
IL2Rg-ZFN forward primer (SEQ ID NO: 9) CAGCTGCTCCTGCTGAGG
Zinc Finger Binding Site (SEQ ID NO: 1) AGCTCCAAGGTCCTC
ATCCTT CTTAGT CCTT CAGCTGCTCC TGCTGAGGGTGG AGCTCCAAGGTCCTC ATG TCCAGTGCGAATGAAGACATCAAA GCTGGTAGGAAACCTAGGACCAGAGGG
TAGGAAGAATCAGGAA GTCGACGAGGACGACTCCCACC TCGAGGTTCCAGGAGTACAGG TCACGCTTACTT CTG TAGTTT CG ACCATCC TTTGGATCCTGGTC TCCC
3200
AGCTCCAAGGTCCTCATGT CCAGT
IL2Rg-ZFN probe (SEQ ID NO: 11)
IL2Rg-ZFN reverse primer (SEQ ID NO: 10) CTTACTTCTGTAGTTTCGACCATCC
Zinc Finger Binding Site (SEQ ID NO: 2) TCACGCTTACTTCTG
Probes
Forward Primers
Zinc Finger Binding Site
Reverse Primers
Protein coding sequence
Start and end of the deleted sequences (~3kb)

FIG. 1

SEQUENCE LISTING

<110> Regeneron Pharmaceuticals, Inc.
Frendewey, David
Auerbach, Wojtek
Valenzuela, David M.
Yancopoulos, George D.

<120> Nuclease-Mediated Targeting With Large Targeting Vectors

<130> 7950A-WO

<150> 61/638,267
<151> 2012-04-25

<160> 11

<170> PatentIn version 3.5

<210> 1
<211> 15
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 1
agctccaagg tcctc 15

<210> 2
<211> 15
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 2
gtcttcattc gcact 15

<210> 3
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 3
ggagggtagc acgggaagaa g 21

<210> 4
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 4
gctggctacc cacttgattg g 21

<210> 5
<211> 29
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 5
tcaagcagtc tctcccagct aacctccct 29

<210> 6
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 6
caggatgtgg ctgaccaaat g 21

<210> 7
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 7

ggctcctaat gccctgtagt ttc 23

<210> 8
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 8
ccgtctctct gcctagccca ccct 24

<210> 9
<211> 18
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 9
cagctgctcc tgctgagg 18

<210> 10
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 10
cctaccagct ttgatgtctt cattc 25

<210> 11
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 11
agctccaagg tcctcatgtc cagt 24