Figure 1



Fig. 1A

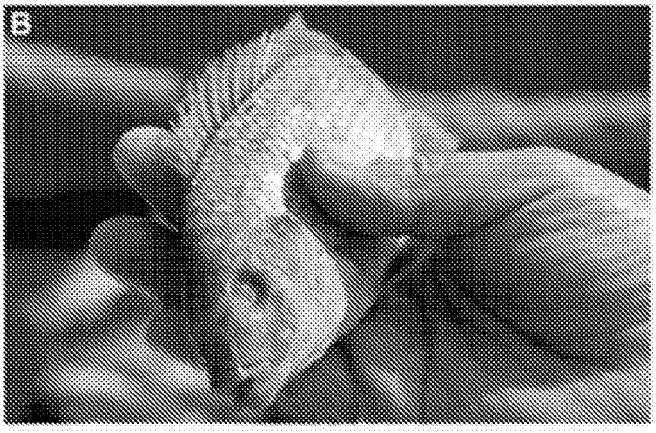


Fig. 1B



Fig. 1C

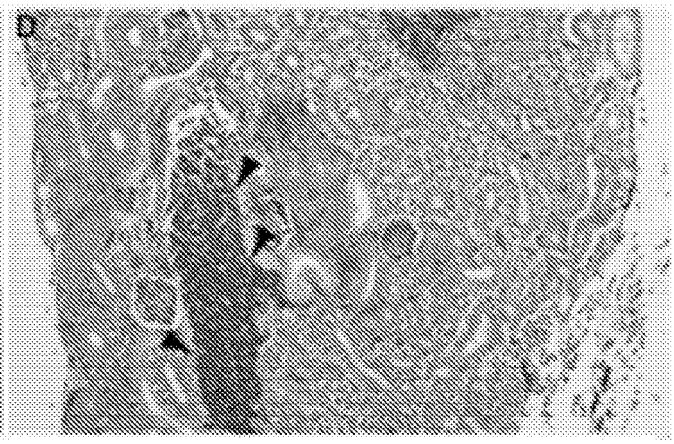


Fig. 1D

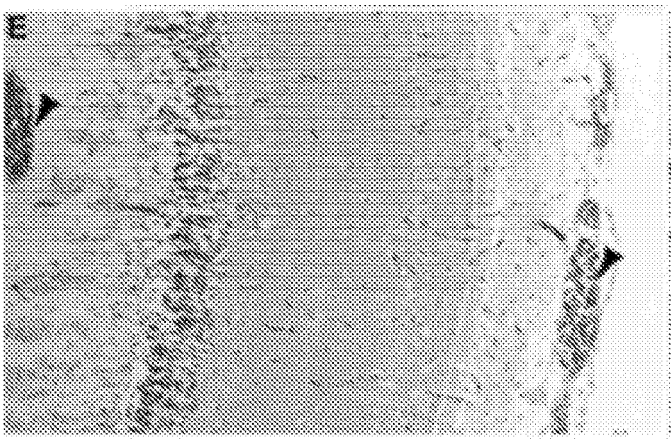


Fig. 1E

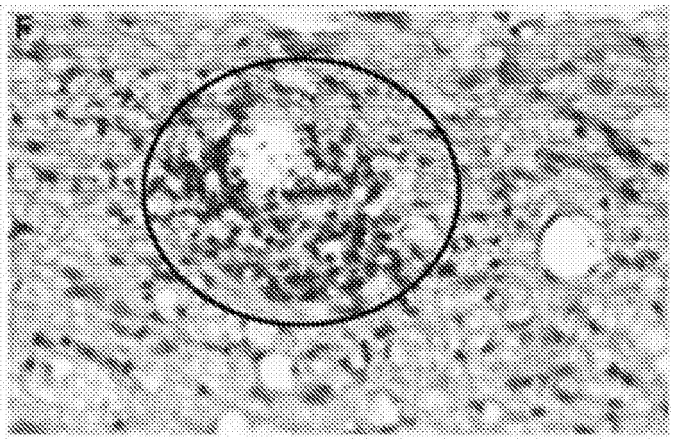


Fig. 1F



Fig. 1Ga

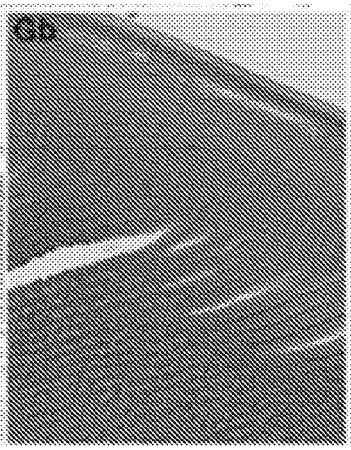


Fig. 1Gb

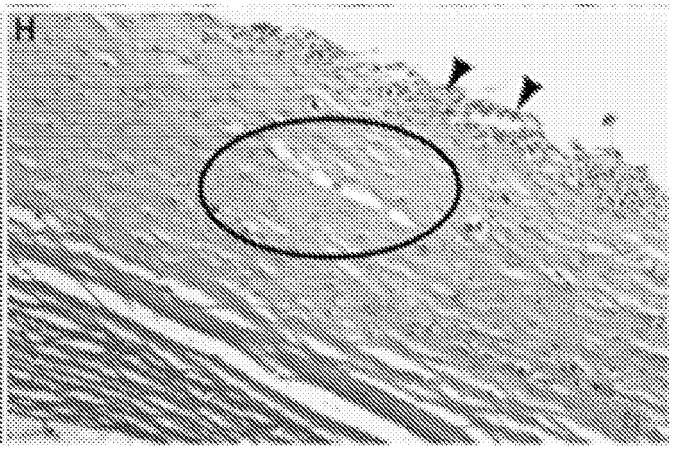


Fig. 1H

Figure 2



Fig. 2A

Fig. 2C

Fig. 2E

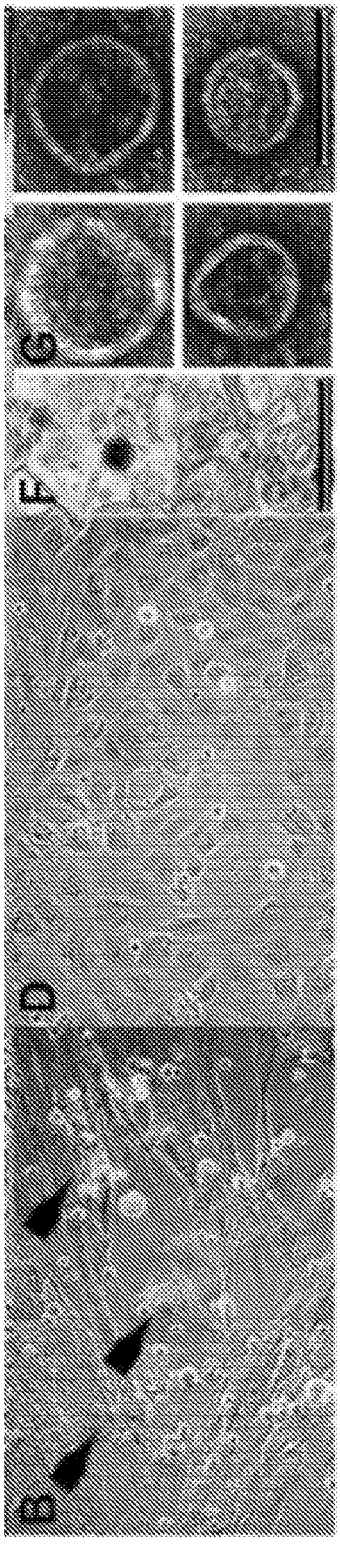


Fig. 2B

Fig. 2D

Fig. 2F

Fig. 2G

Figure 3

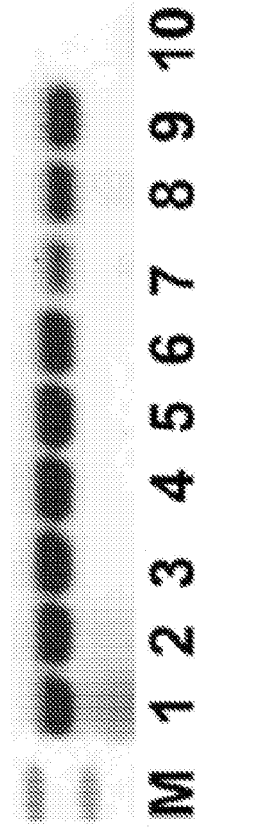


Fig. 3A

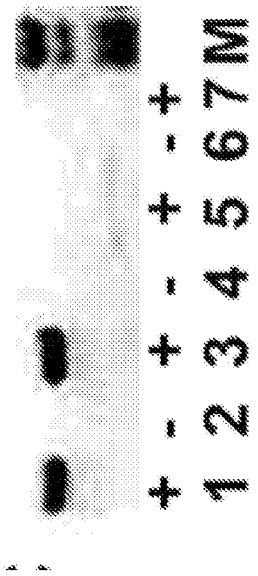


Fig. 3B

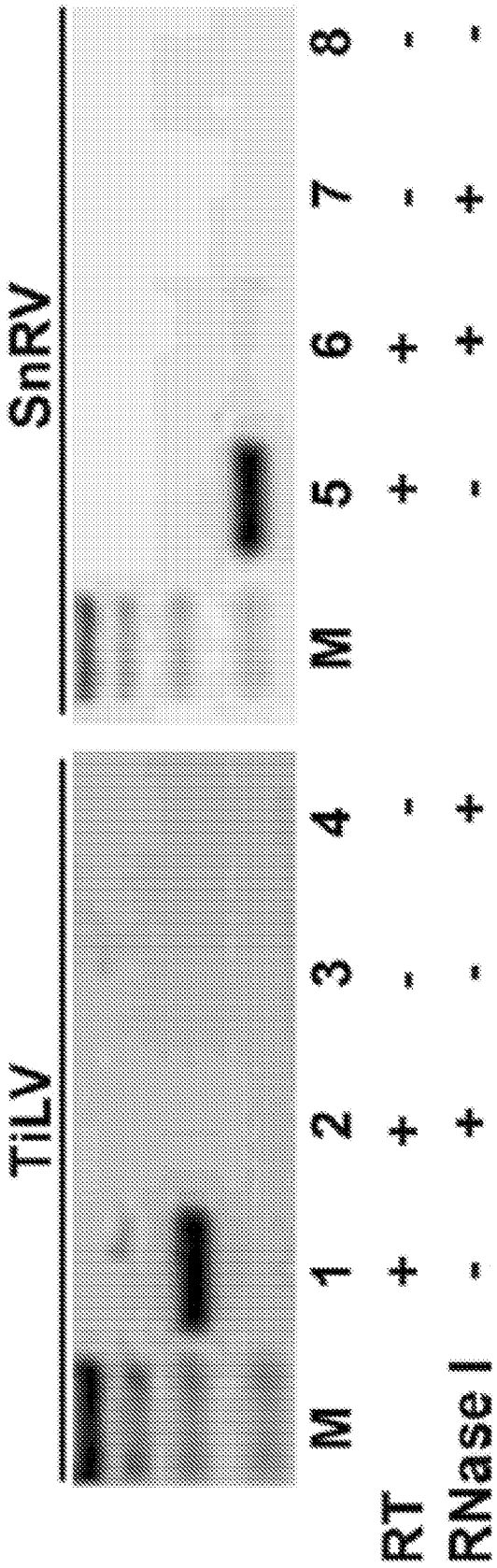


Fig. 3C

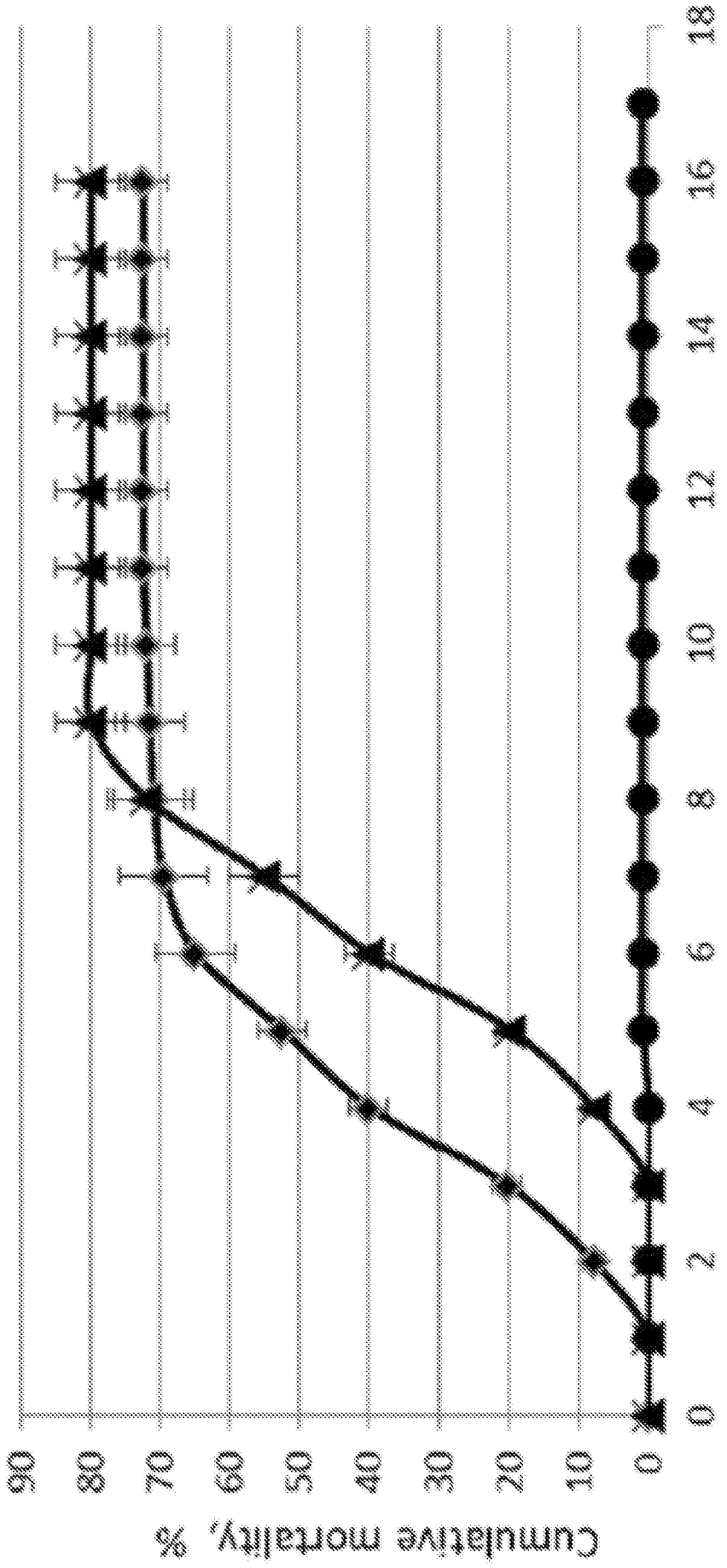

Cumulative mortality, %
0
10
20
30
40
50
60
70
80
90
0
2
4
6
8
10
12
14
16
18
Days post infection

Fig. 4

Figure 5

Fig. 5A Influenza A (Ladder) Infected Tilapia Liver RNA (Ecuador)

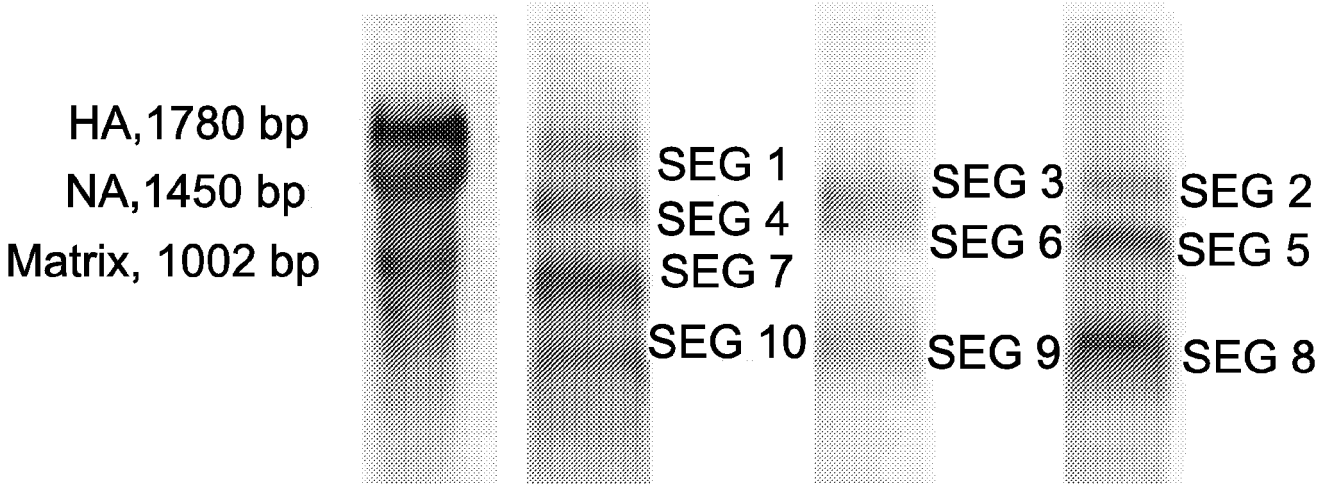
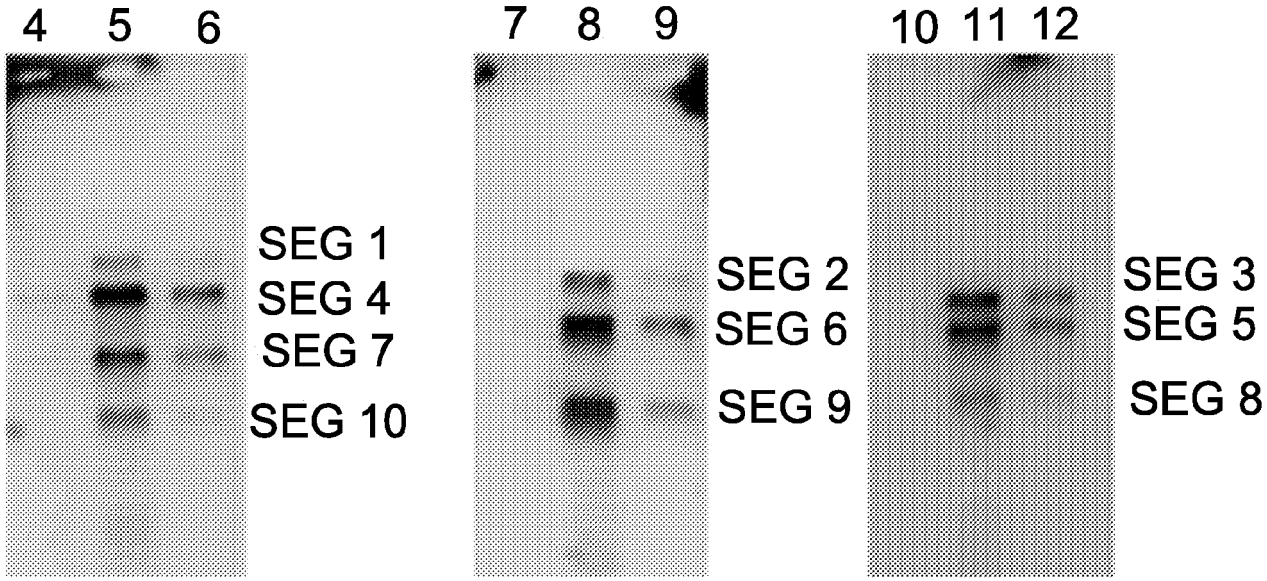


Fig. 5B TILV Probe Combo 1 TILV Probe Combo 2 TILV Probe Combo 3



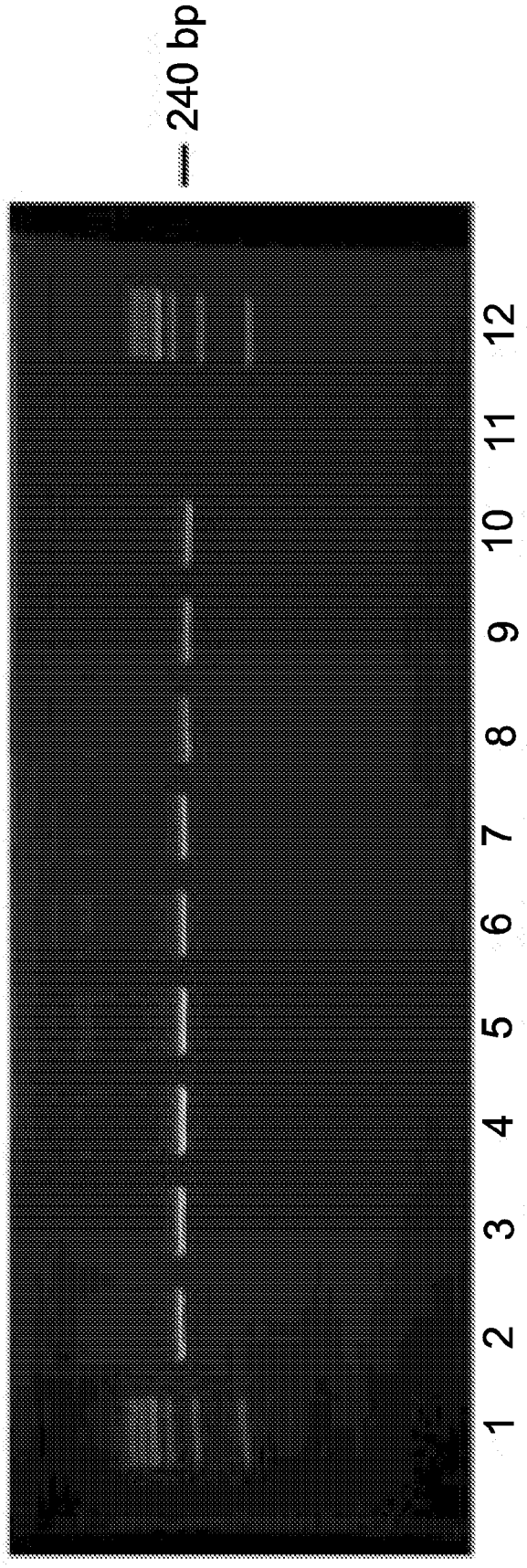


Fig. 6

Figure 7

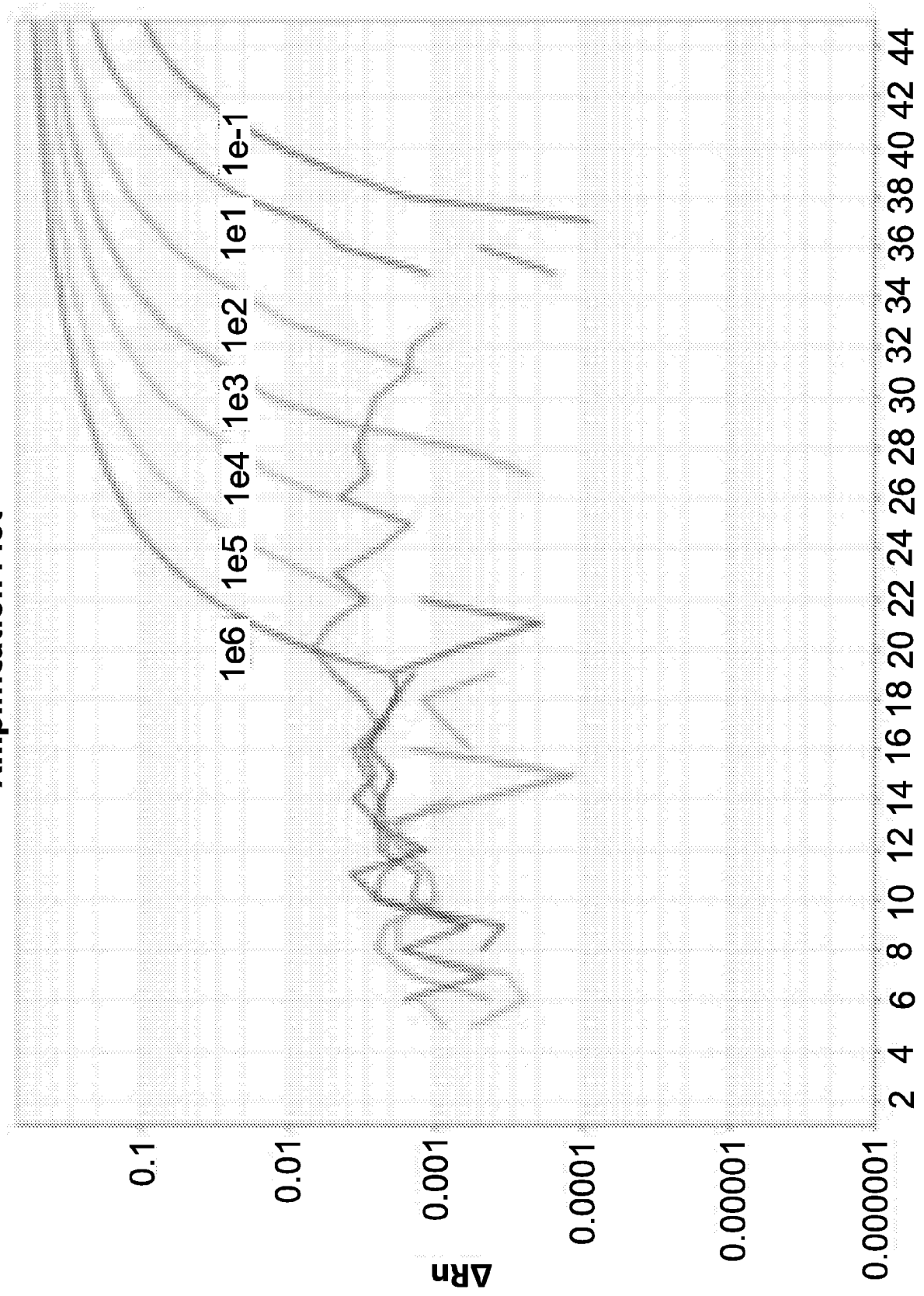


Fig. 7A

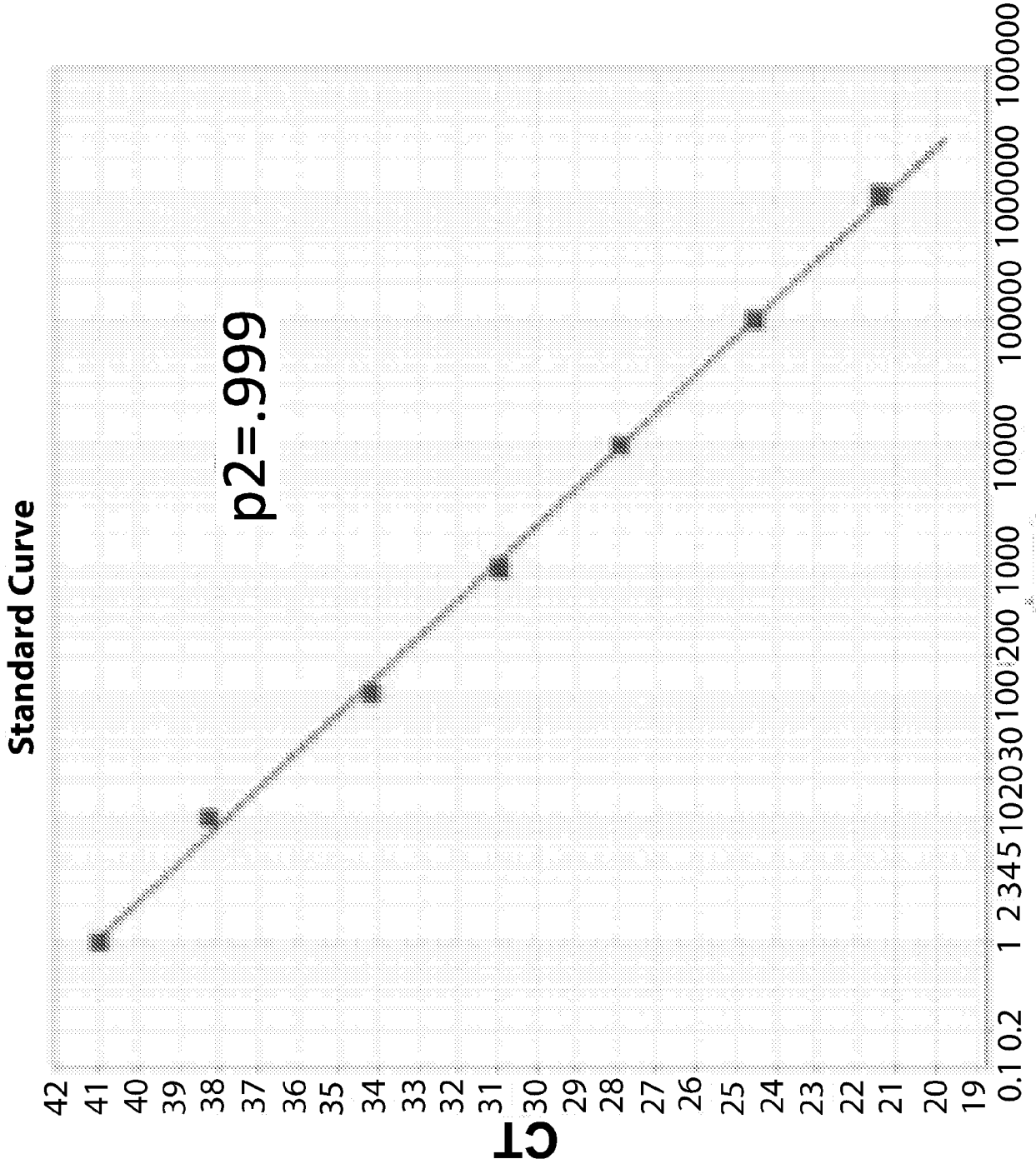

Standard Curve
p2=.999
CT
Quantity
42
41
40
39
38
37
36
35
34
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
0.1 0.2 1 2 3 4 5 10 20 30 100 200 1000 10000 100000 1000000 100000

Fig. 7A

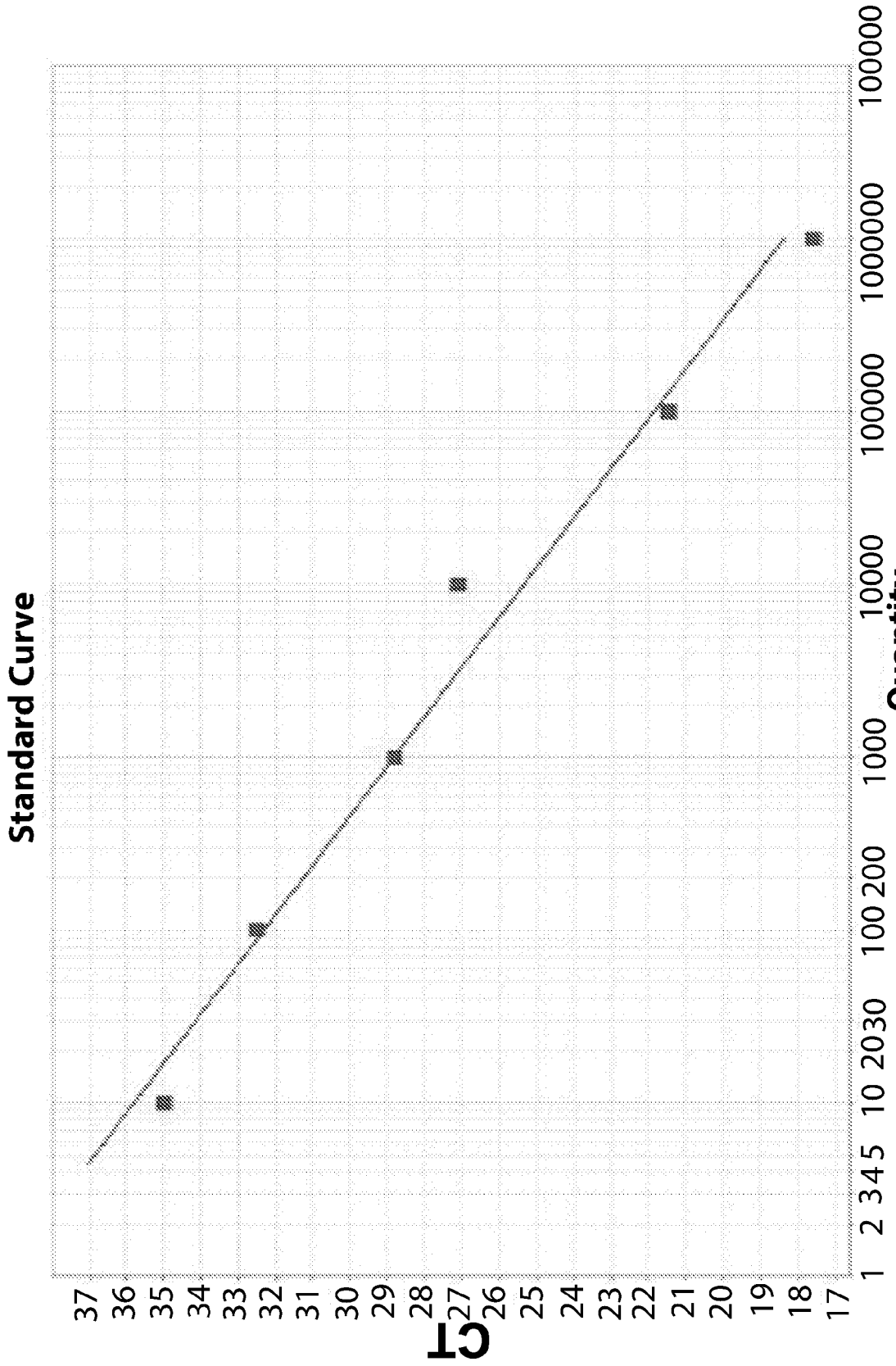

Standard Curve
CT
37
36
35
34
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
1
2
3
4
5
10
20
30
100
200
1000
10000
100000
1000000
100000
Quantity

Fig. 7B

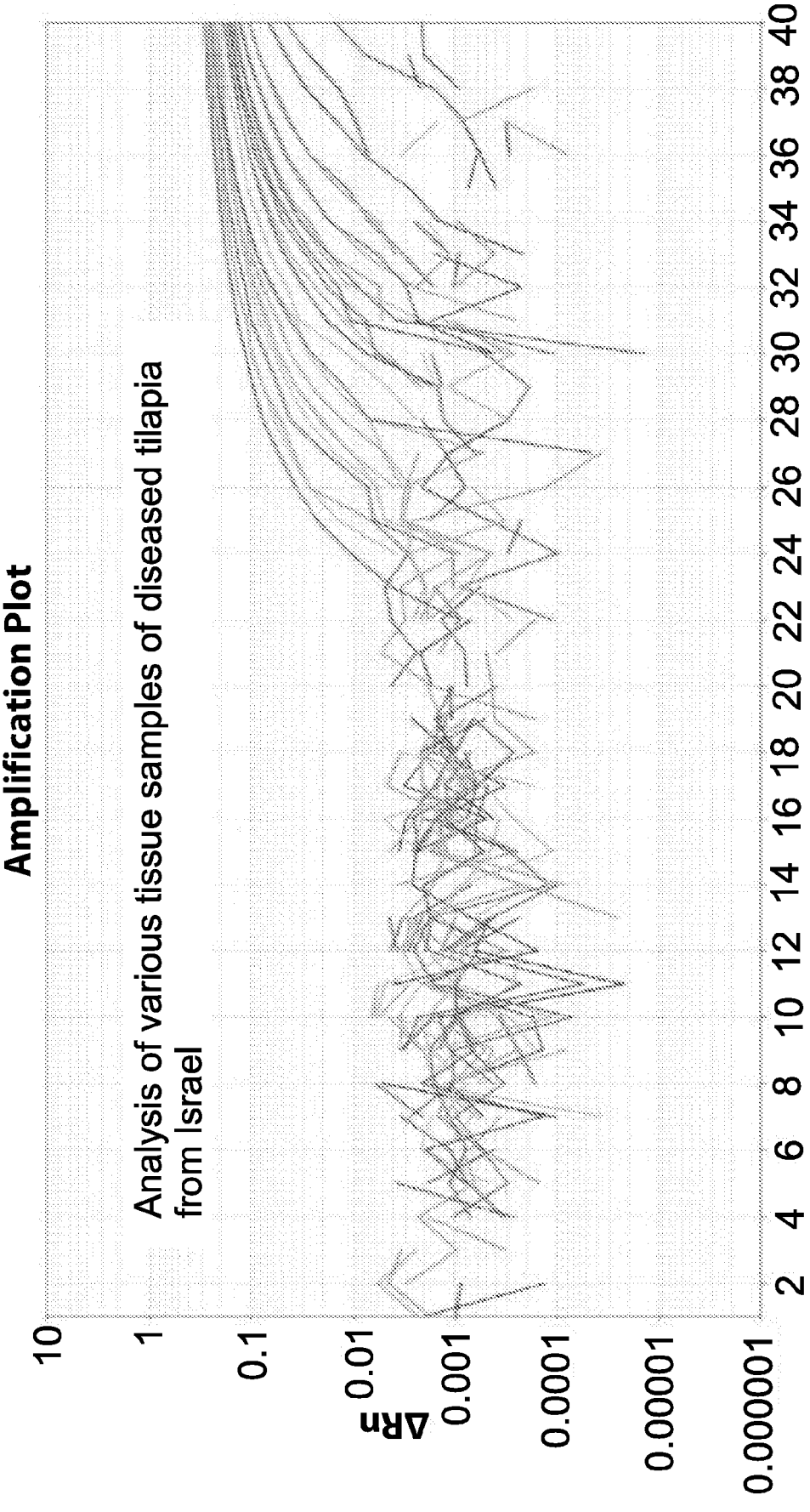

Amplification Plot
Analysis of various tissue samples of diseased tilapia from Israel
ΔRn
Cycle
10
1
0.1
0.01
0.001
0.0001
0.00001
0.000001
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40

Fig. 7C