Targets

Threshold cycle (ct)

35
30
25
20
15

27.25
32.21
17
18.92
19.93

GAPDH
FAN1
ATP5B
EIF4A2
NA

Target

Sample ID
2023.02.15_001 / None
2023.02.15_002 / Scrambled shRNA
2023.02.15_003 / FAN1 shRNA
2023.02.15_004 / None
2023.02.15_005 / Scrambled shRNA
2023.02.15_006 / FAN1 shRNA
2023.02.15_007 / NA
2023.02.15_008 / NA

Samples

Threshold cycle (ct)

35
30
25
20
15

20.25
19.48
20.66
19.55
19.21
21.34
30.99
37.98

Target
GAPDH
FAN1
ATP5B
EIF4A2
NA

2023.02.15_001 / None
2023.02.15_002 / Scrambled shRNA
2023.02.15_003 / FAN1 shRNA
2023.02.15_004 / None
2023.02.15_005 / Scrambled shRNA
2023.02.15_006 / FAN1 shRNA
2023.02.15_007 / NA
2023.02.15_008 / NA

Sample ID

Outliers and exclusions

GAPDH

Threshold cycle (ct)

25

20

Tech rep outlier

TRUE

FALSE

2023.02.15_001 / None

2023.02.15_002 / Scrambled shRNA

2023.02.15_003 / FAN1 shRNA

2023.02.15_004 / None

2023.02.15_005 / Scrambled shRNA

2023.02.15_006 / FAN1 shRNA

2023.02.15_007 / NA

2023.02.15_008 / NA

Sample ID

Outliers and exclusions

FAN1

Threshold cycle (ct)

36

32

28

24

Tech rep outlier

TRUE

FALSE

2023.02.15_001 / None

2023.02.15_002 / Scrambled shRNA

2023.02.15_003 / FAN1 shRNA

2023.02.15_004 / None

2023.02.15_005 / Scrambled shRNA

2023.02.15_006 / FAN1 shRNA

2023.02.15_007 / NA

2023.02.15_008 / NA

Sample ID

Outliers and exclusions

ATP5B

Threshold cycle (ct)

25.0

22.5

20.0

17.5

Tech rep outlier

TRUE

FALSE

2023.02.15_001 / None

2023.02.15_002 / Scrambled shRNA

2023.02.15_003 / FAN1 shRNA

2023.02.15_004 / None

2023.02.15_005 / Scrambled shRNA

2023.02.15_006 / FAN1 shRNA

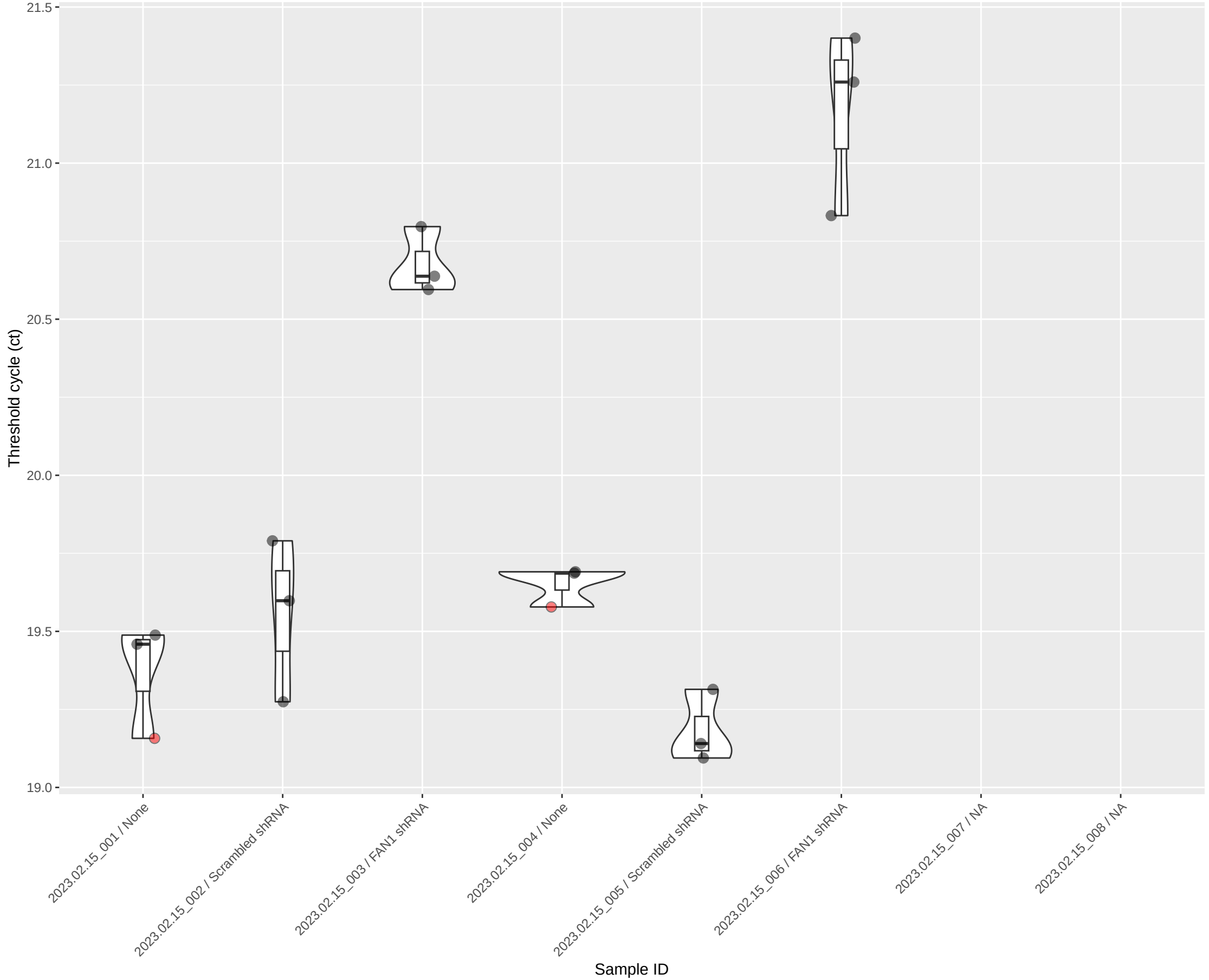
2023.02.15_007 / NA

2023.02.15_008 / NA

Sample ID

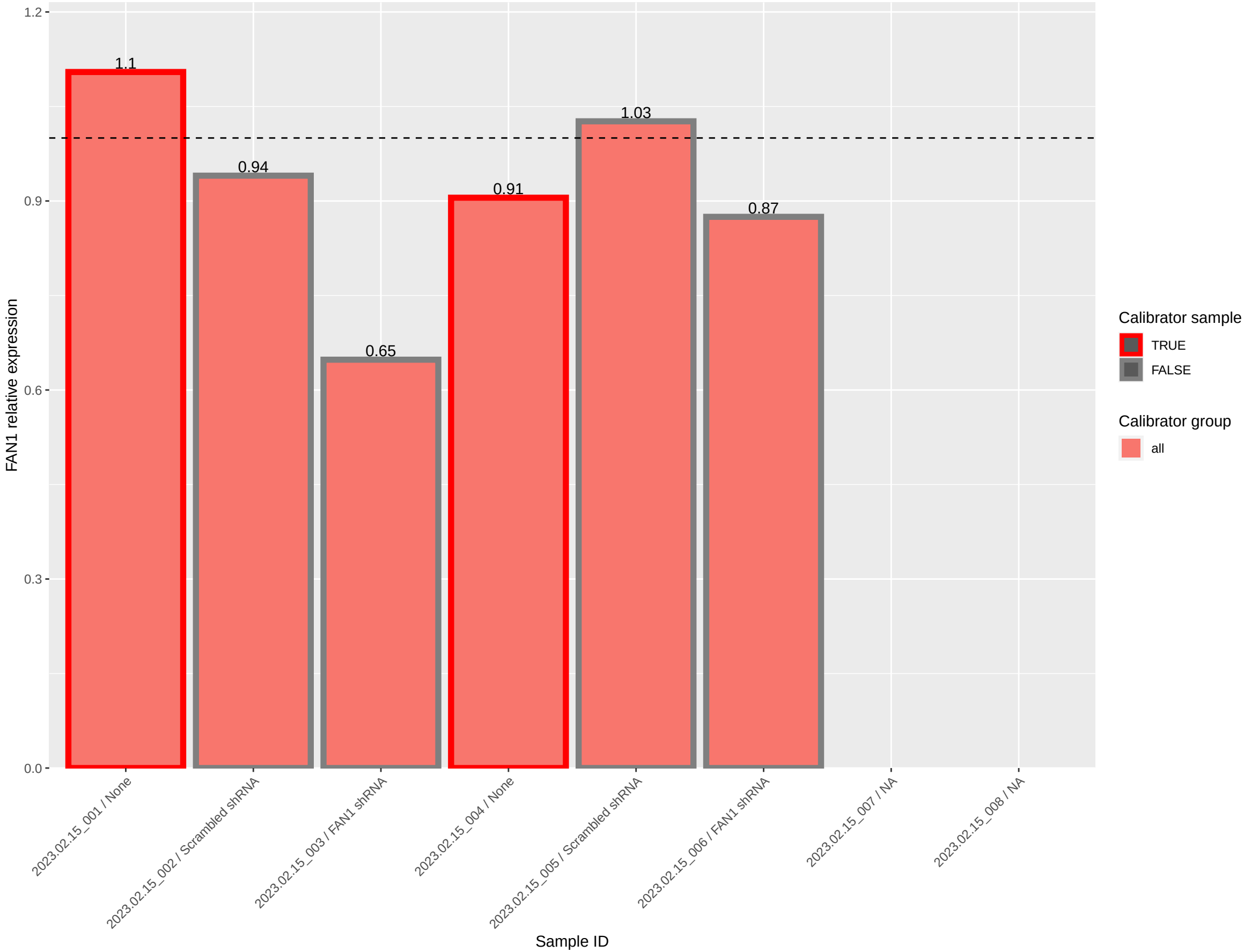
Outliers and exclusions

EIF4A2

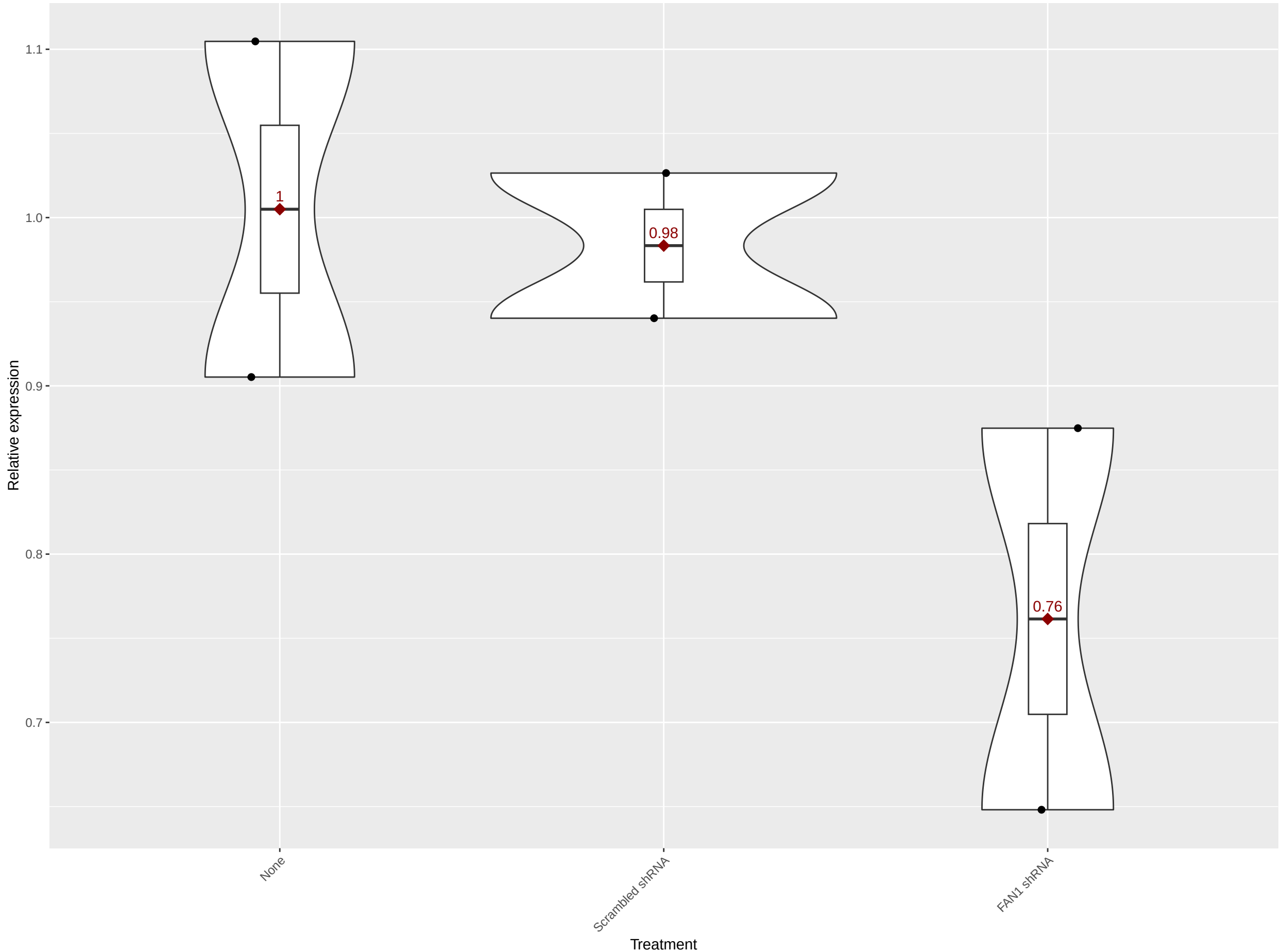


Relative expression

FAN1



FAN1


1.1
1.0
0.9
0.8
0.7
Relative expression
1
0.98
0.76
None
Scrambled shRNA
FAN1 shRNA
Treatment