

151024

10/12/2024, 11:16:22 UTC+00:00

Plate ID: 33db53de-b892-4ed1-bf15-d7e1adec292b
Report ID: 4a70c8c5-dccd-4725-a800-89960e19e516

Run details

User	acu acu (admin)	Run started	17/10/2024, 15:57:14 UTC+00:00
Software	QIAcuity Software Suite 2.2.0.26	Run ended	17/10/2024, 16:19:49 UTC+00:00
Instrument(s)	QIAcuity-02415	Run status	⚠ Run_completed
		dPCR steps	PRIMING, CYCLING, IMAGING, IMAGING, IMAGING, IMAGING

Plate general data

Plate name 151024
Plate type Nanoplate 26K 24-well
Barcode 05015754100036000000001237
Labels -
Description

Plate Owners

User name	User login	Status
acu acu	admin	active

dPCR parameters



Priming profile (Step 1)

Name	QIAGEN Standard Priming Profile
Description	standard priming for QIAcuity PCR Kits and all sample types



Cycling profile (Step 2)

Number of repetitions	Temperature °C	Duration
1 x	95	2 min
40 x	95 60 72	15 s 30 s 15 s



Imaging profile (Step 3)

Channel	Exposure duration ms	Gain
 Green	500	6
 Yellow	500	6

Imaging profile (Step 4)

Channel	Exposure duration ms	Gain
 Green	500	4
 Yellow	500	4

Imaging profile (Step 5)

Channel	Exposure duration ms	Gain
 Green	500	3
 Yellow	500	3

Imaging profile (Step 6)



Channel	Exposure duration ms	Gain
 Green	300	4
 Yellow	300	4

Plate Layout

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
A1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-30
A2	-	- - -	- - -	- - -	- - -	- - -	-	-
A3	-	- - -	- - -	- - -	- - -	- - -	-	-
B1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-100
B2	-	- - -	- - -	- - -	- - -	- - -	-	-
B3	-	- - -	- - -	- - -	- - -	- - -	-	-
C1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-1000
C2	-	- - -	- - -	- - -	- - -	- - -	-	-
C3	-	- - -	- - -	- - -	- - -	- - -	-	-

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
D1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-30x
D2	-	- - -	- - -	- - -	- - -	- - -	-	-
D3	-	- - -	- - -	- - -	- - -	- - -	-	-
E1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-100x
E2	-	- - -	- - -	- - -	- - -	- - -	-	-
E3	-	- - -	- - -	- - -	- - -	- - -	-	-
F1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-1000x
F2	-	- - -	- - -	- - -	- - -	- - -	-	-
F3	-	- - -	- - -	- - -	- - -	- - -	-	-
G1	-	- - -	- - -	- - -	- - -	- - -	-	-

	Reaction Mix	Target 1	Target 2	Target 3	Target 4	Target 5	Type	Sample/NTC/Control
G2	-	- - -	- - -	- - -	- - -	- - -	-	-
G3	-	- - -	- - -	- - -	- - -	- - -	-	-
H1	-	- - -	- - -	- - -	- - -	- - -	-	-
H2	-	- - -	- - -	- - -	- - -	- - -	-	-
H3	-	- - -	- - -	- - -	- - -	- - -	-	-

Reaction Mixes

Reaction Mix Name	Target Name	Dye	Channel	IC	Reference
Generic-Cre	Tg IC	HEX FAM	<div><div></div> Yellow</div> <div><div></div> Green</div>	- IC	- -













Warnings

Saturation













During imaging the signal reached the saturation for the following wells and channels:

Imaging step	Channel	Wells
1	YELLOW	A1, B1, C1, D1, E1, F1
1	GREEN	A1, B1, C1, D1, E1, F1
2	YELLOW	A1, B1, C1, D1, E1, F1
2	GREEN	A1, B1, C1, D1, E1, F1
3	YELLOW	A1, B1, C1, D1, E1, F1
3	GREEN	A1, B1, C1, D1, E1, F1
4	YELLOW	A1, B1, C1, D1, E1, F1
4	GREEN	A1, B1, C1, D1, E1, F1













Absolute Quantification (Imaging step 1)

	Sample/NTC/Control	Reaction Mix	Target			Conc.		CI (95%)	Partitions			Threshold
			IC	Control type	[copies/μL]	valid	positive		negative			
A1	138-1-30	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	20765 20765	0 0	20765 20765	255.00 255.26
B1	138-1-100	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	20431 20431	0 0	20431 20431	255.00 255.26
C1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	20440 20440	0 0	20440 20440	255.00 255.26
D1	138-1-30x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	21729 21729	0 0	21729 21729	255.00 255.26
E1	138-1-100x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	21132 21132	0 0	21132 21132	255.00 255.26
F1	138-1-1000x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	20717 20717	0 0	20717 20717	255.00 255.26













Absolute Quantification (Imaging step 2)

	Sample/NTC/Control	Reaction Mix	Target			Conc. [copies/μL]		CI (95%)	Partitions			Threshold
			IC	Control type					valid	positive	negative	
A1	138-1-30	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	22484 22484	0 0	22484 22484	255.26 255.26
B1	138-1-100	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	21385 21385	0 0	21385 21385	255.26 255.26
C1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	22809 22809	0 0	22809 22809	255.26 255.26
D1	138-1-30x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	23889 23889	0 0	23889 23889	255.26 255.26
E1	138-1-100x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	23435 23435	0 0	23435 23435	255.26 255.26
F1	138-1-1000x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	21344 21344	0 0	21344 21344	255.26 255.26

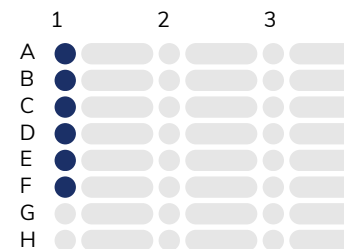
Absolute Quantification (Imaging step 3)

	Sample/NTC/Control	Reaction Mix	Target			Conc.		CI (95%)	Partitions			Threshold
			IC	IC	Control type	[copies/μL]			valid	positive	negative	
A1	138-1-30	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	23712 23712	0 0	23712 23712	255.26 255.26
B1	138-1-100	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	22611 22611	0 0	22611 22611	255.26 255.26
C1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	24345 24345	0 0	24345 24345	255.26 253.98
D1	138-1-30x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	24839 24839	0 0	24839 24839	255.26 255.26
E1	138-1-100x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	24509 24509	0 0	24509 24509	255.26 255.26
F1	138-1-1000x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	21816 21816	0 0	21816 21816	255.26 255.26

Absolute Quantification (Imaging step 4)

	Sample/NTC/Control	Reaction Mix	Target			Conc. [copies/μL]	CI (95%)	Partitions			Threshold	
			IC	Control				valid	positive	negative		
A1	138-1-30	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	25442 25442	0 0	25442 25442	237.41 241.23
B1	138-1-100	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	25429 25429	0 0	25429 25429	252.71 227.21
C1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.053	 	- 147.5%	25387 25387	0 1	25387 25386	231.03 222.11
D1	138-1-30x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	25458 25458	0 0	25458 25458	225.93 224.66
E1	138-1-100x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	25352 25352	0 0	25352 25352	233.58 229.76
F1	138-1-1000x	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	 	- -	23226 23226	0 0	23226 23226	255.26 229.76

IC (6 wells)

 Green

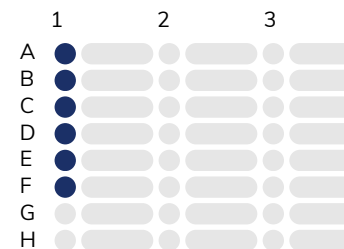
Wells selected: 6

Imaging step: 1



Tg (6 wells)

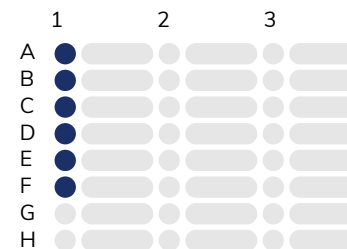
● Yellow



Wells selected: 6

Imaging step: 1

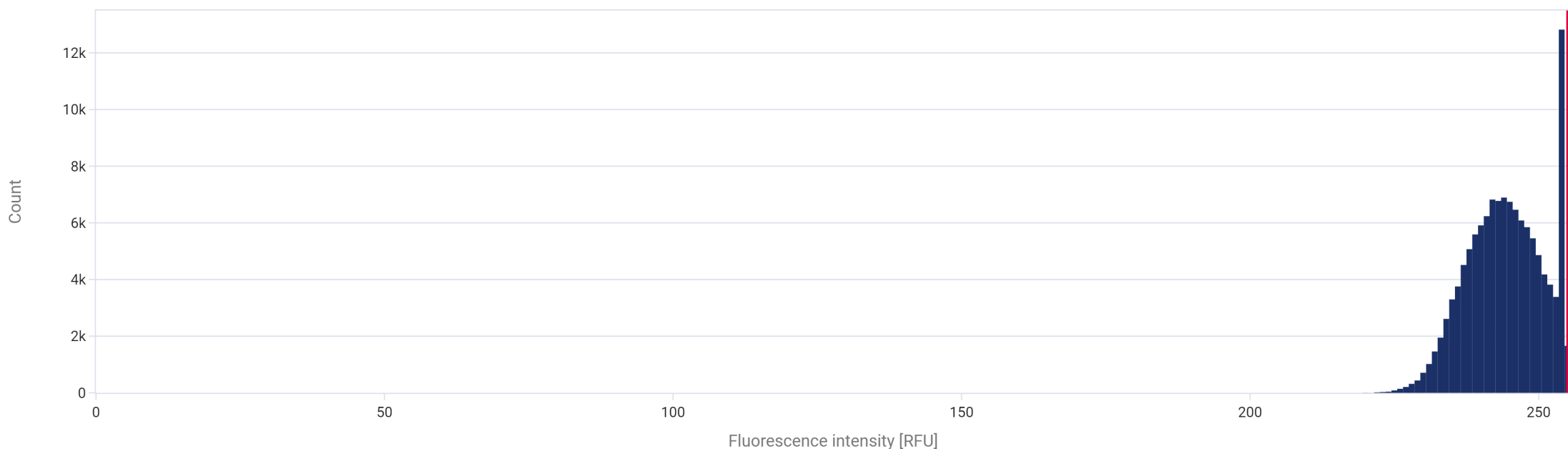


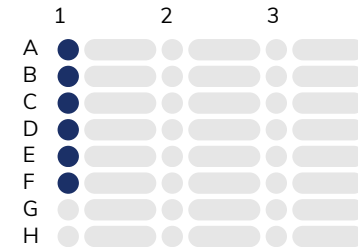


Wells selected: 6
Imaging step: 1
Common threshold: 255

IC (6 wells)

● Green





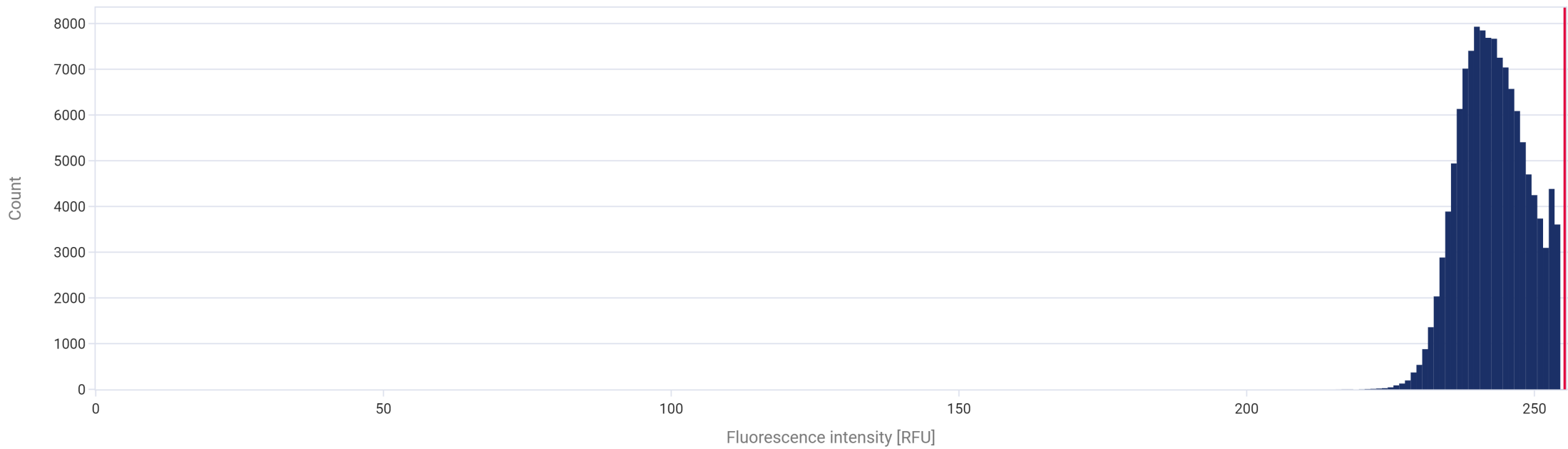
Wells selected: 6

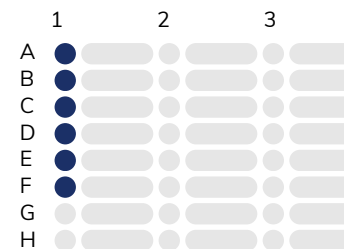
Imaging step: 1

Common threshold: 255.26

Tg (6 wells)

● Yellow

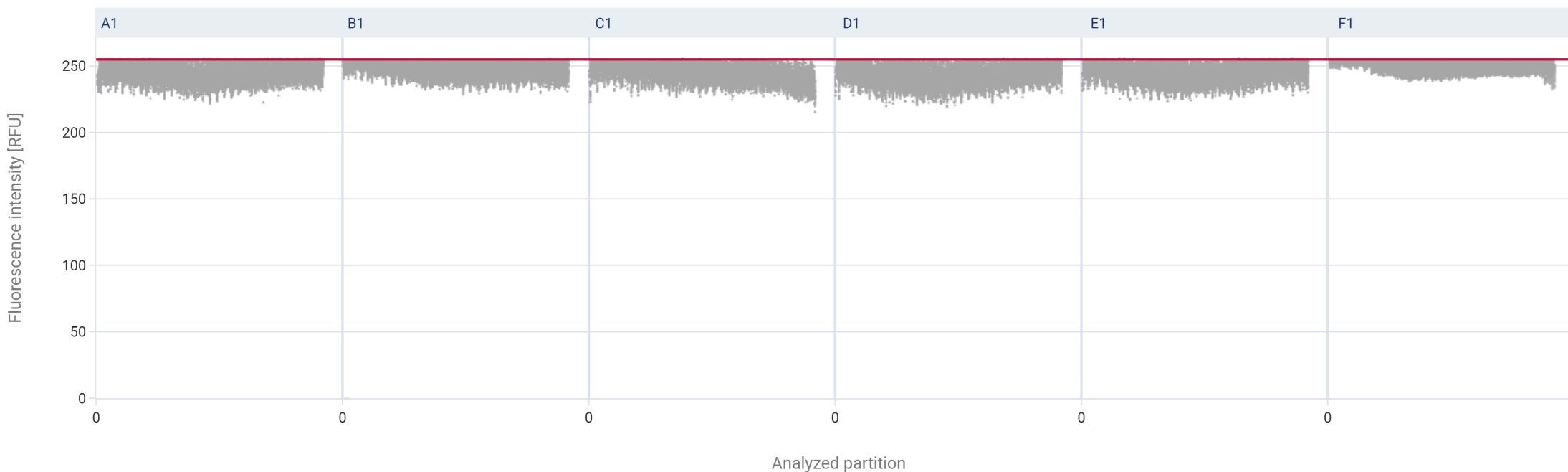


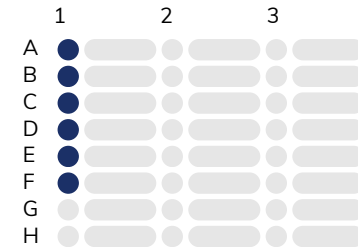


Wells selected: 6
Imaging step: 1
Common threshold: 255

IC (6 wells)

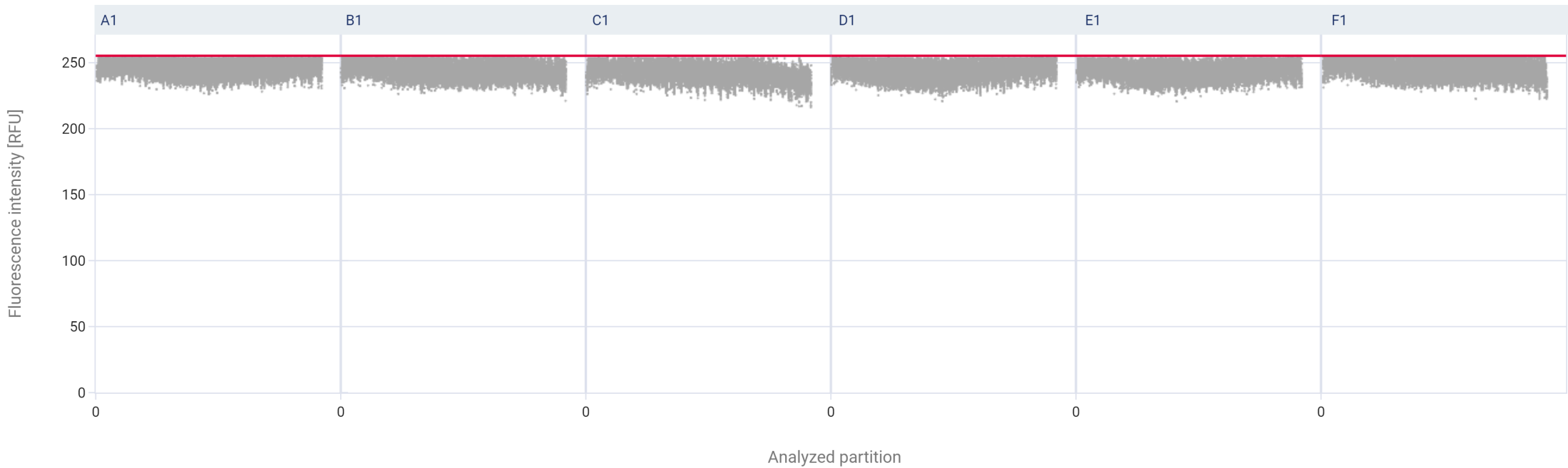
● Green

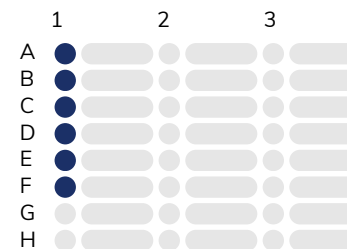




Wells selected: 6
Imaging step: 1
Common threshold: 255.26

Tg (6 wells)
● Yellow





Wells selected: 6

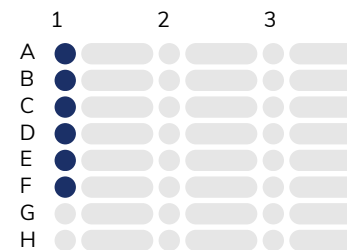
Imaging step: 1

IC (6 wells)

● Green

A1 B1 C1 D1 E1 F1

Analyzed well



Wells selected: 6

Imaging step: 1

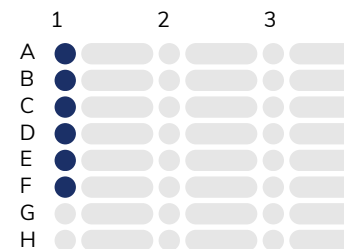
Tg (6 wells)

● Yellow

A1 B1 C1 D1 E1 F1

Analyzed well

IC (6 wells)

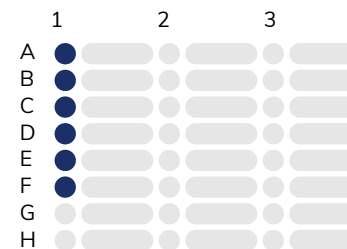
 Green

Wells selected: 6

Imaging step: 2



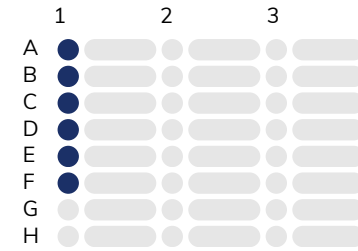
Tg (6 wells)

● Yellow

Wells selected: 6

Imaging step: 2





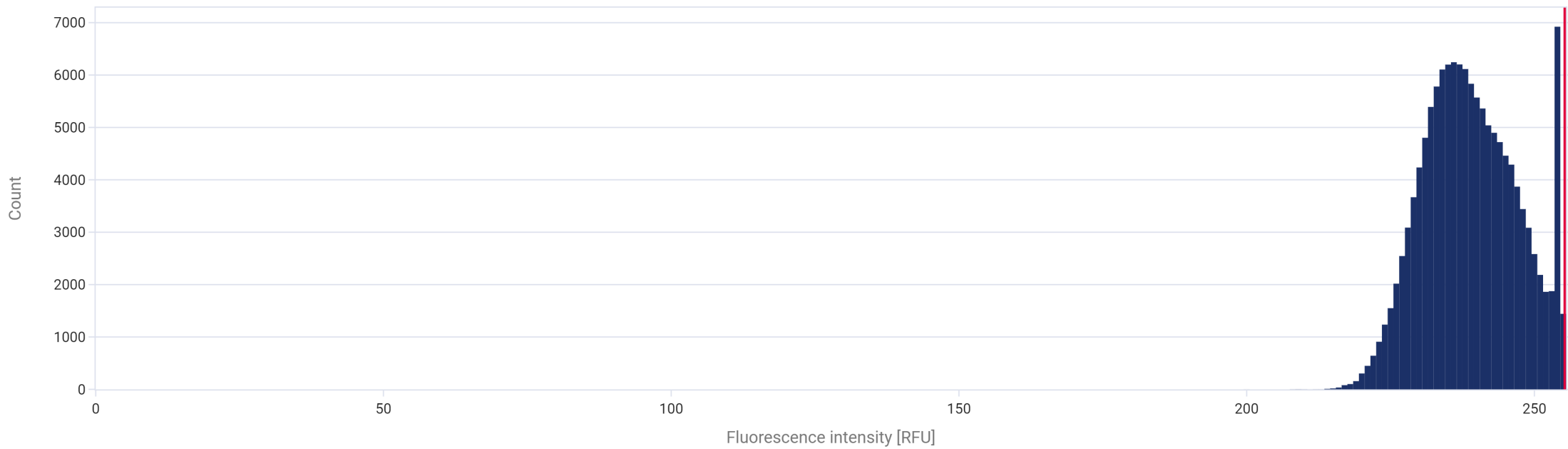
Wells selected: 6

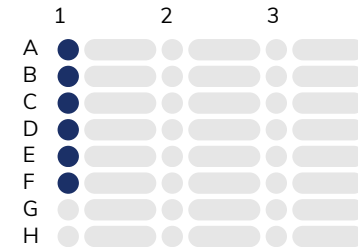
Imaging step: 2

Common threshold: 255.26

IC (6 wells)

● Green





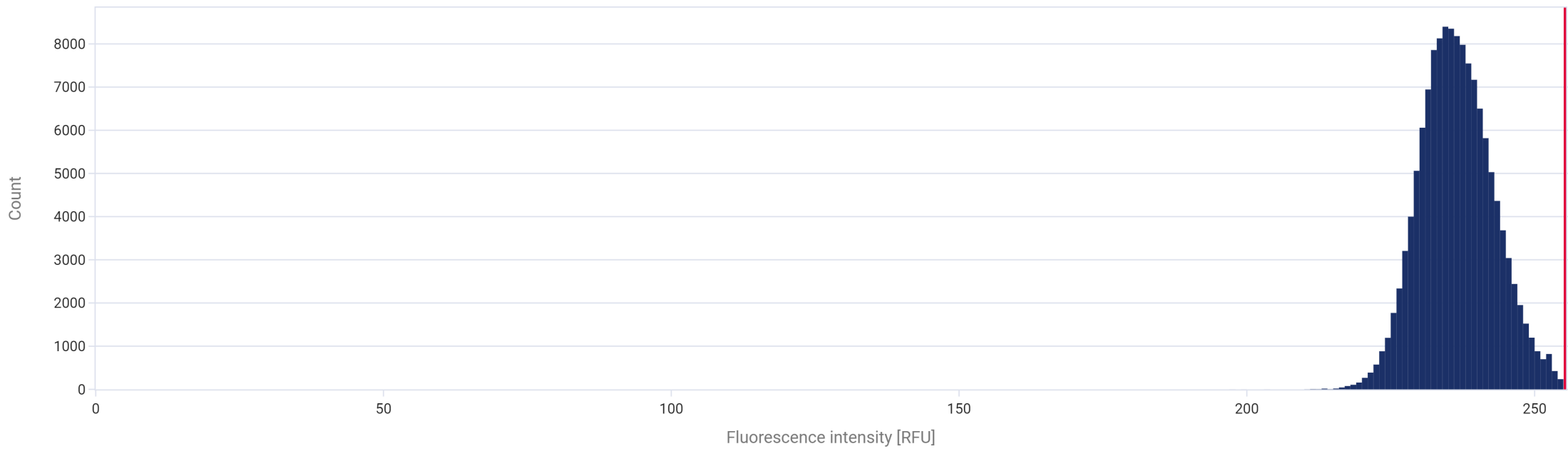
Wells selected: 6

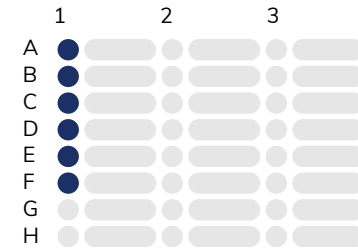
Imaging step: 2

Common threshold: 255.26

Tg (6 wells)

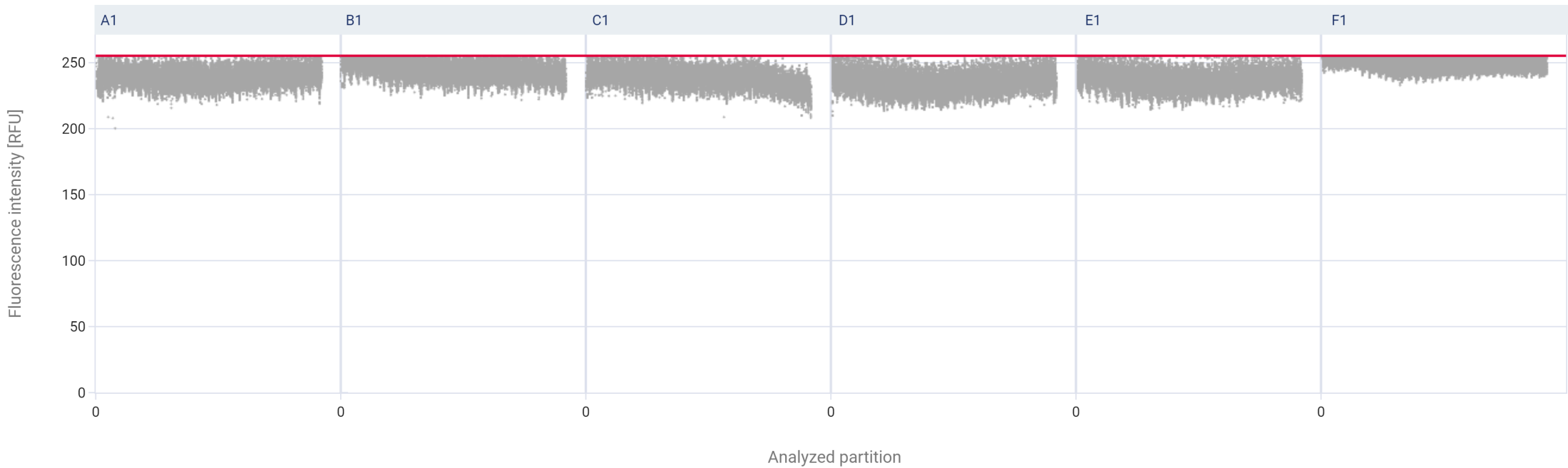
● Yellow

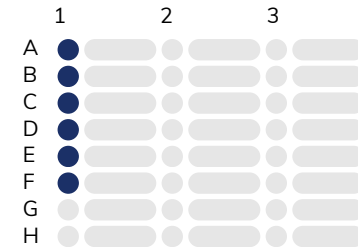




Wells selected: 6
Imaging step: 2
Common threshold: 255.26

IC (6 wells)
● Green





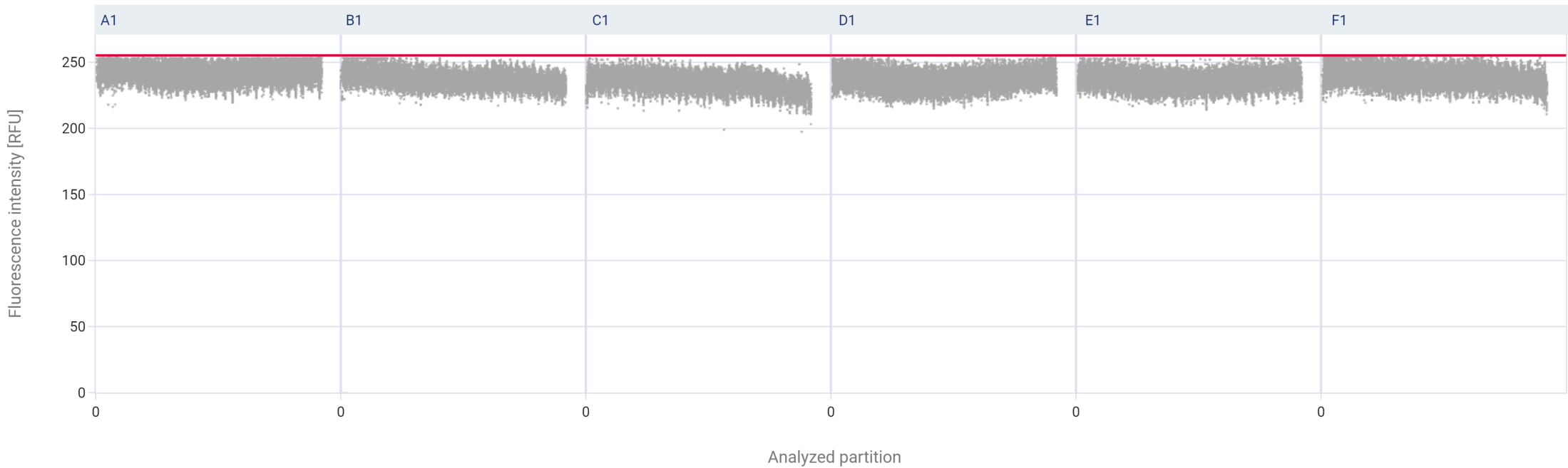
Wells selected: 6

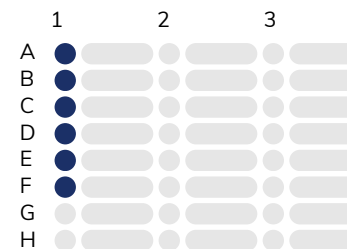
Imaging step: 2

Common threshold: 255.26

Tg (6 wells)

● Yellow





Wells selected: 6

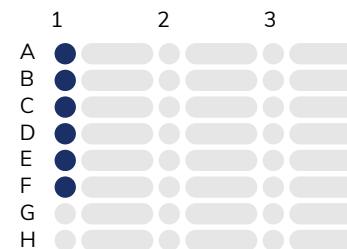
Imaging step: 2

IC (6 wells)

● Green

A1 B1 C1 D1 E1 F1

Analyzed well



Wells selected: 6

Imaging step: 2

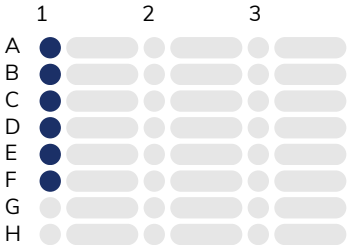
Tg (6 wells)

● Yellow

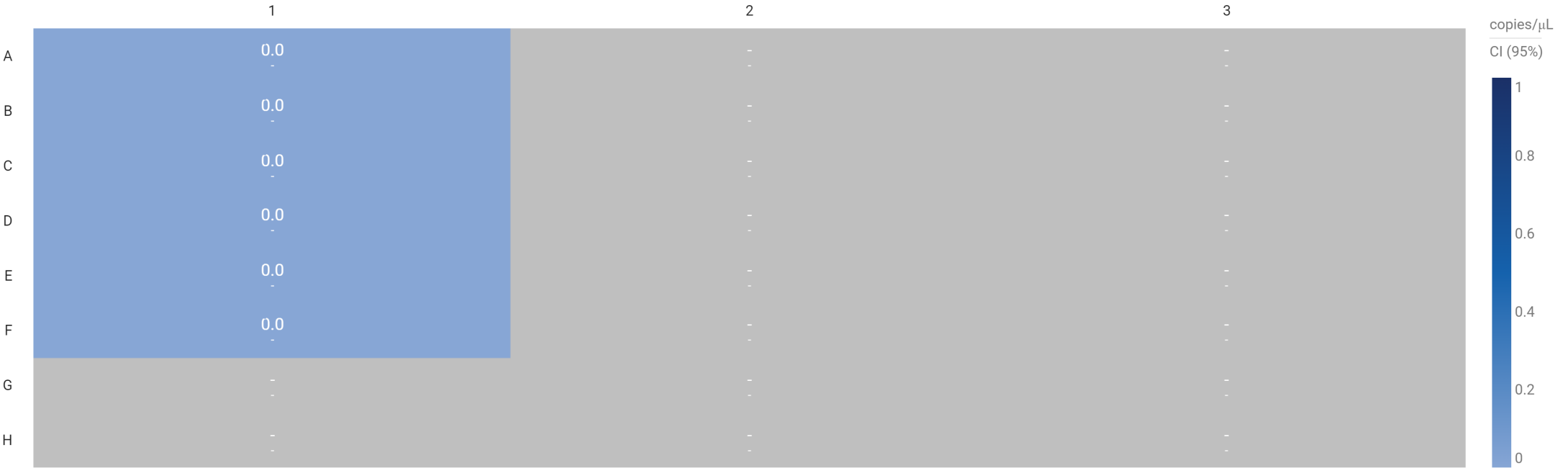
A1 B1 C1 D1 E1 F1

Analyzed well

IC (6 wells)
● Green

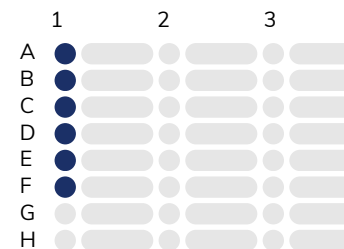


Wells selected: 6
Imaging step: 3



Tg (6 wells)

























● Yellow



Wells selected: 6

Imaging step: 3



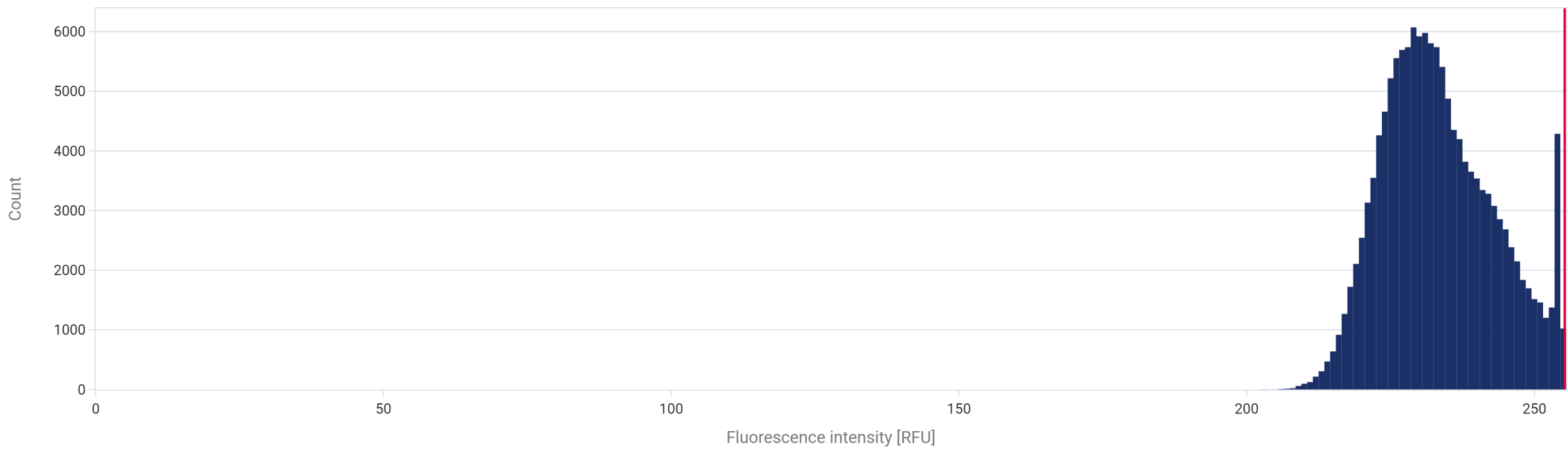
	1	2	3
A			
B			
C			
D			
E			
F			
G			
H			

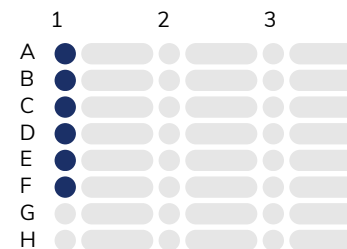
Wells selected: 6

Imaging step: 3

Common threshold: 255.26

IC (6 wells)

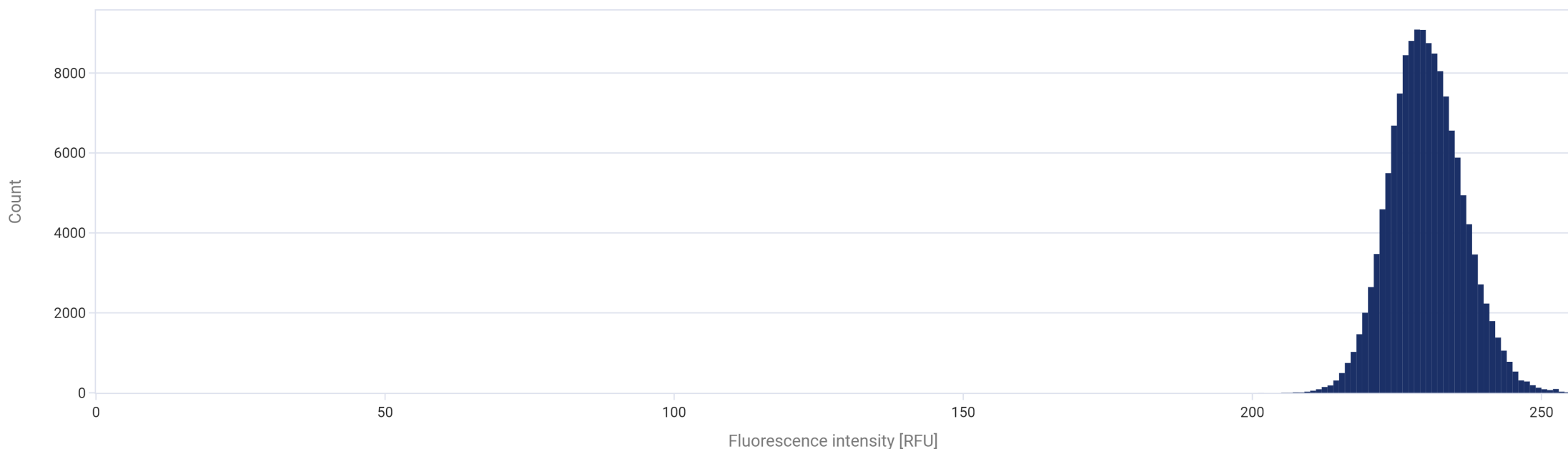
 Green

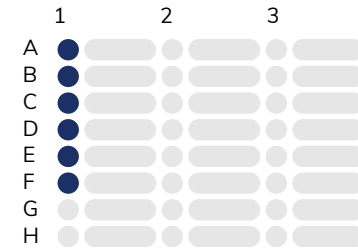


Wells selected: 6
Imaging step: 3
Common threshold: -

Tg (6 wells)

● Yellow

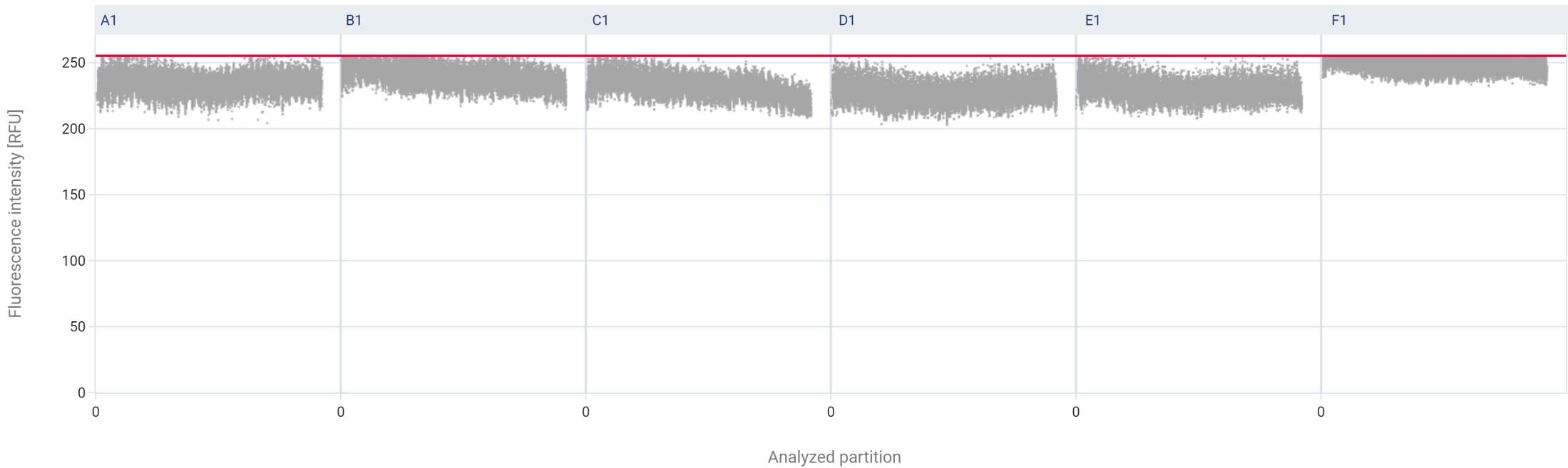


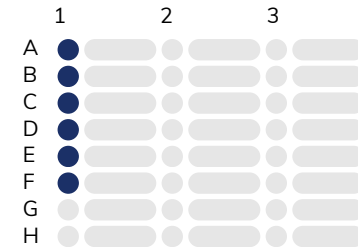


Wells selected: 6
Imaging step: 3
Common threshold: 255.26

IC (6 wells)

● Green





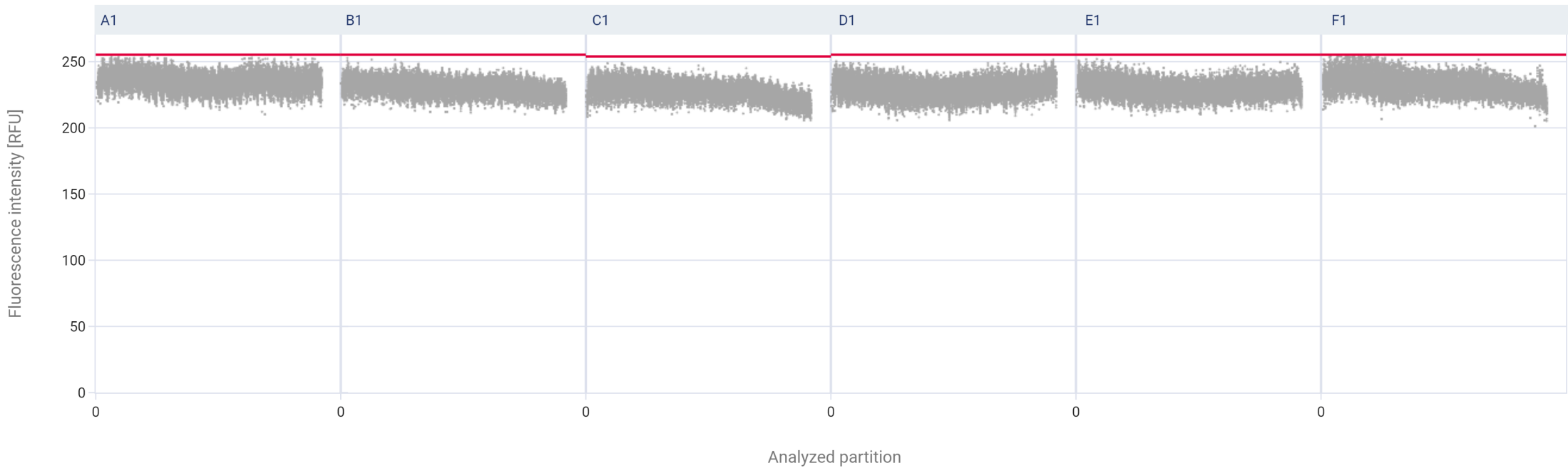
Wells selected: 6

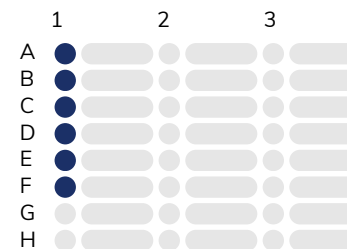
Imaging step: 3

Common threshold: -

Tg (6 wells)

● Yellow





Wells selected: 6

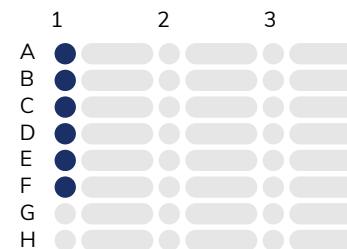
Imaging step: 3

IC (6 wells)

● Green

A1 B1 C1 D1 E1 F1

Analyzed well



Wells selected: 6

Imaging step: 3

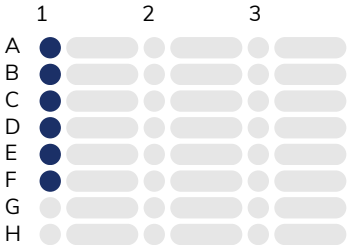
Tg (6 wells)

● Yellow

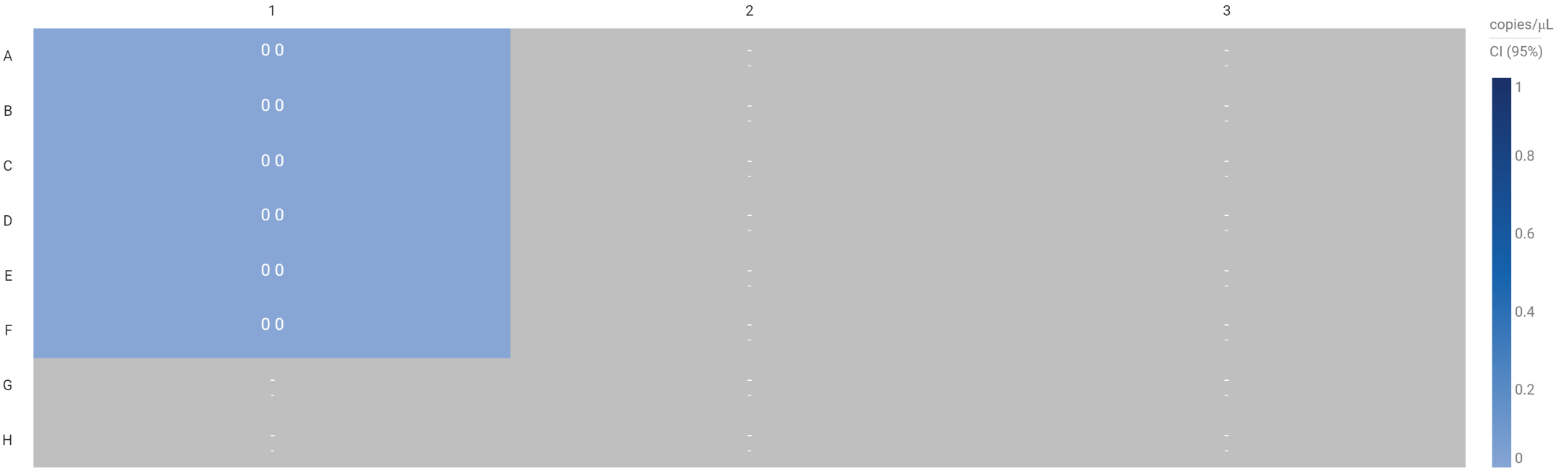
A1 B1 C1 D1 E1 F1

Analyzed well

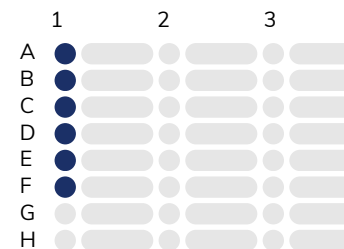
IC (6 wells)
● Green



Wells selected: 6
Imaging step: 4



























Tg (6 wells)

● Yellow

Wells selected: 6

Imaging step: 4



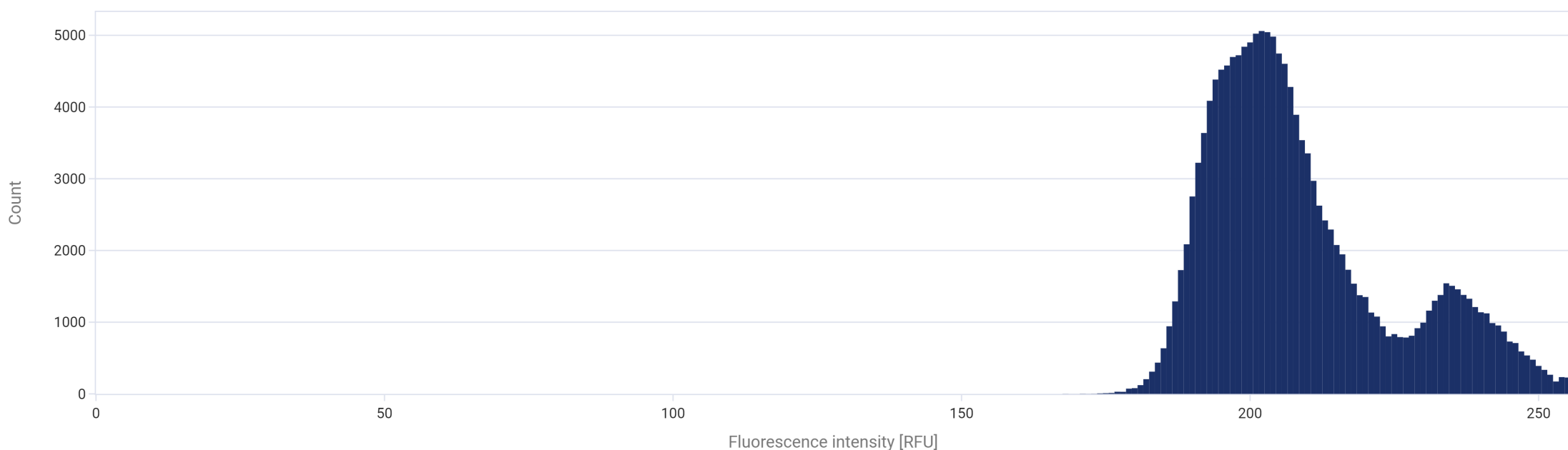
	1	2	3
A			
B			
C			
D			
E			
F			
G			
H			

























Wells selected: 6

Imaging step: 4

Common threshold: -

IC (6 wells)

 Green


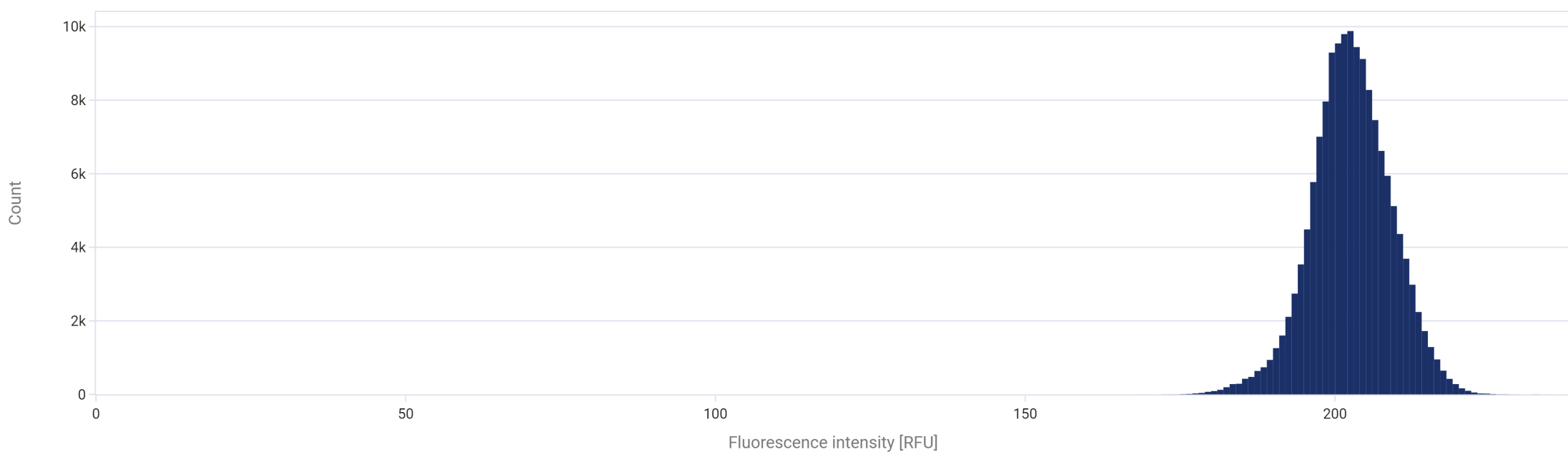
	1	2	3
A			
B			
C			
D			
E			
F			
G			
H			

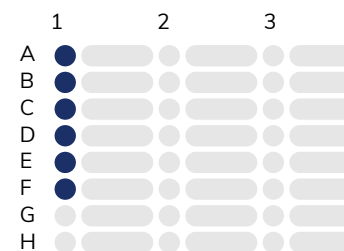
Wells selected: 6

Imaging step: 4

Common threshold: -

Tg (6 wells)

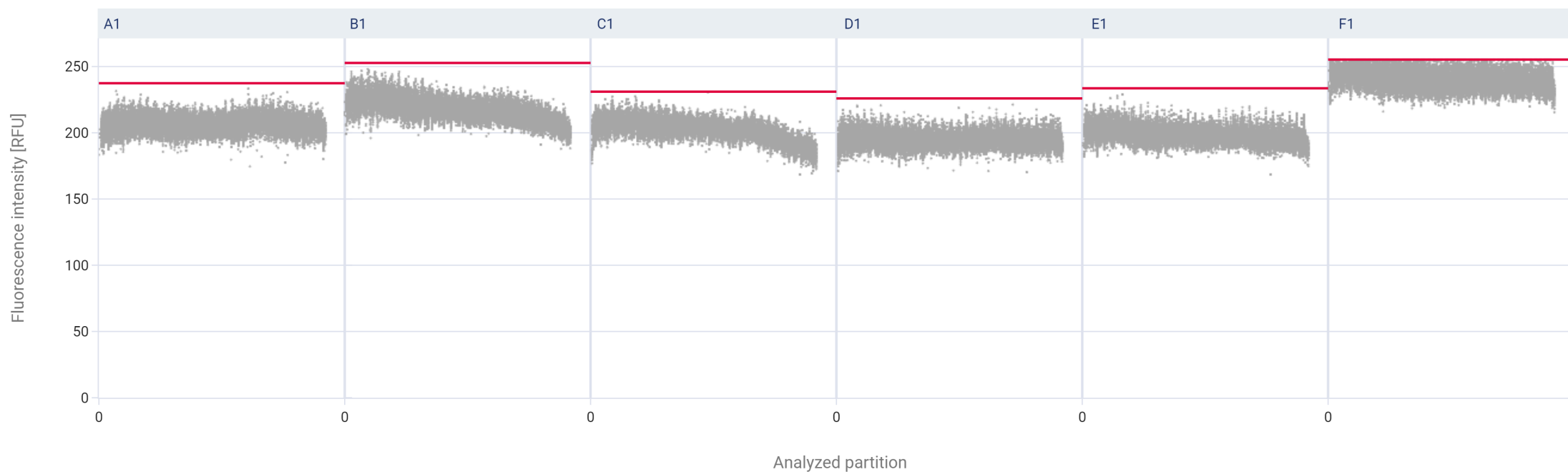
 Yellow


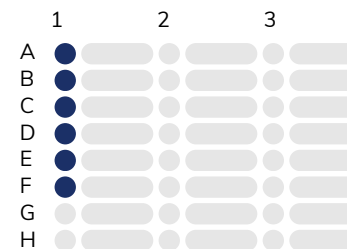


Wells selected: 6
Imaging step: 4
Common threshold: -

IC (6 wells)

- Green

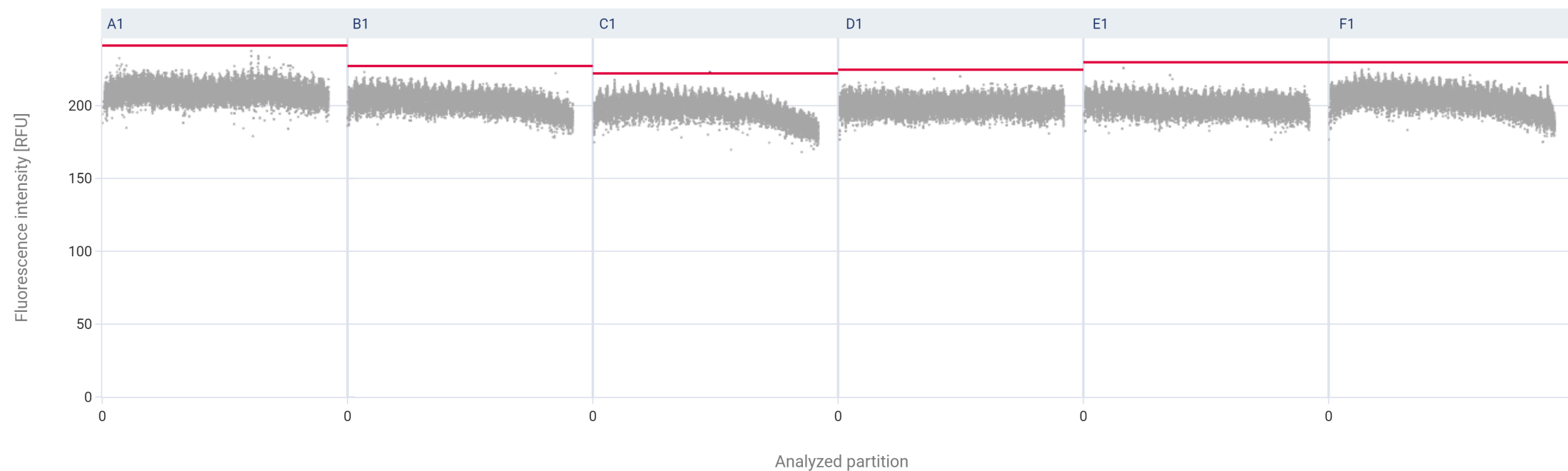


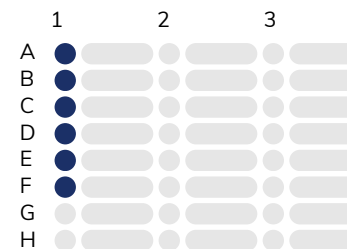


Wells selected: 6
Imaging step: 4
Common threshold: -

Tg (6 wells)

● Yellow





Wells selected: 6

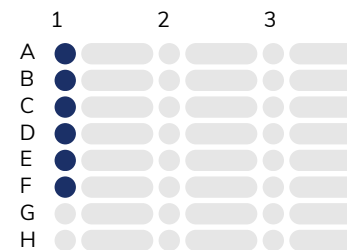
Imaging step: 4

IC (6 wells)

● Green

A1 B1 C1 D1 E1 F1

Analyzed well

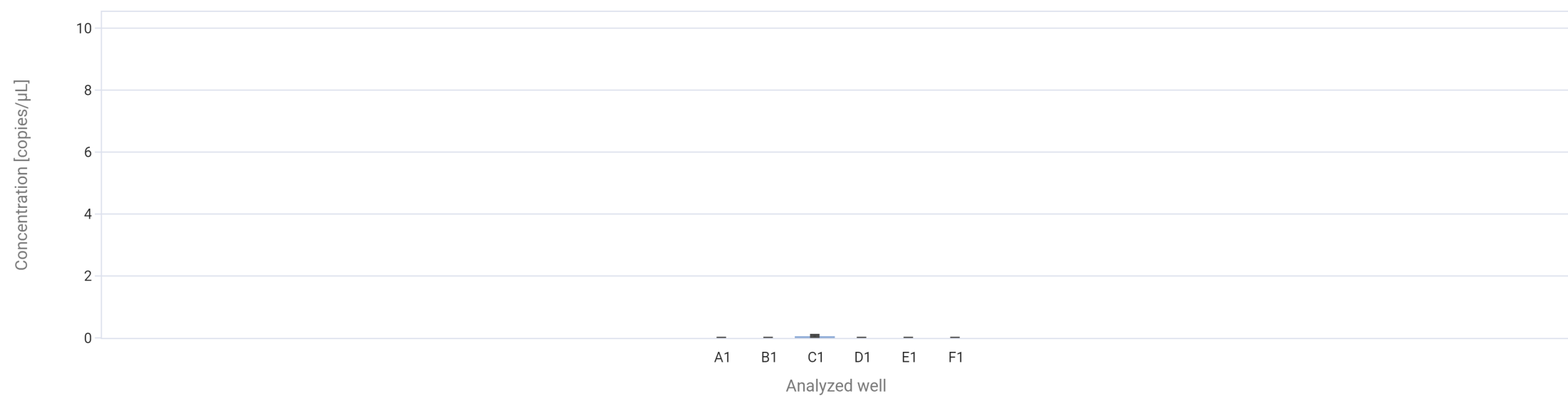


Wells selected: 6

Imaging step: 4

Tg (6 wells)

● Yellow



Comments