

211024

10/12/2024, 11:26:15 UTC+00:00

Plate ID: 1fd12f62-abc5-4371-8976-5210e93b4a33
Report ID: d261585a-1dfb-4d69-9a7e-f0c8f76453a8

Run details

User	acu acu (admin)	Run started	22/10/2024, 12:22:12 UTC+00:00
Software	QIAcuity Software Suite 2.2.0.26	Run ended	22/10/2024, 12:44:50 UTC+00:00
Instrument(s)	QIAcuity-02415	Run status	Run_completed
		dPCR steps	PRIMING, CYCLING, IMAGING, IMAGING, IMAGING

Plate general data

Plate name 211024

Plate type Nanoplate 26K 24-well

Barcode 05015754100036000000001250

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	3
 Yellow	500	3

Imaging profile (Step 5)



Channel	Exposure duration ms	Gain
 Green	300	3
 Yellow	300	3

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	138-1-1000
A2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-2000
A3	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	138-1-5000
B1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-1000
B2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-2000
B3	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	132-1-5000
C1	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-1000
C2	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-2000
C3	Generic-Cre	Tg HEX Yellow	IC FAM Green	- - -	- - -	- - -	SAMPLE	164-1-5000

	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	- - -	- - -	- - -	NON_TEMPLATE_CO...	NTC
D2	-	- - -	- - -	- - -	- - -	- - -	-	-
D3	-	- - -	- - -	- - -	- - -	- - -	-	-
E1	-	- - -	- - -	- - -	- - -	- - -	-	-
E2	-	- - -	- - -	- - -	- - -	- - -	-	-
E3	-	- - -	- - -	- - -	- - -	- - -	-	-
F1	-	- - -	- - -	- - -	- - -	- - -	-	-
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	- -

Absolute Quantification (Imaging step 1)

	Sample/NTC/Control	Reaction Mix	Target			Conc. [copies/ μ L]	CI (95%)	Partitions			Threshold
			IC	IC	Control type			valid	positive	negative	
A1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 3.643	- 24.3%	23619 23614	0 65	23619 23549	38.51 25.50
A2	138-1-2000	Generic-Cre	IC Tg	IC -	- -	0.054 0.054	147.5% 147.5%	24743 24743	1 1	24742 24742	37.23 25.50
A3	138-1-5000	Generic-Cre	IC Tg	IC -	- -	0.053 0.053	147.5% 147.5%	25394 25394	1 1	25393 25393	39.78 25.50
B1	132-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.092	- 147.5%	14540 14540	0 1	14540 14539	39.78 25.50
B2	132-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25466 25466	0 0	25466 25466	39.78 25.50
B3	132-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.053	- 147.5%	25465 25465	0 1	25465 25464	39.78 25.50
C1	164-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	24596 24596	0 0	24596 24596	38.51 25.50
C2	164-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25438 25438	0 0	25438 25438	38.51 25.50
C3	164-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.107	- 119.0%	25466 25466	0 2	25466 25464	44.88 25.50
D1	NTC	Generic-Cre	IC Tg	IC -	- -	0.000 0.122	- 119.0%	22324 22324	0 2	22324 22322	39.78 25.50

Absolute Quantification (Imaging step 2)

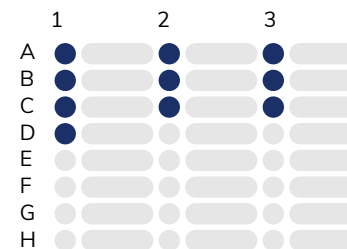
	Sample/NTC/Control	Reaction Mix	Target	Control type		Conc. [copies/ μ L]	CI (95%)	Partitions			Threshold
				IC				valid	positive	negative	
A1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	23618 23618	0 0	23618 23618	30.86 25.76
A2	138-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	24736 24736	0 0	24736 24736	30.86 23.21
A3	138-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25394 25394	0 0	25394 25394	32.13 24.48
B1	132-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	14536 14536	0 0	14536 14536	29.58 21.93
B2	132-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25463 25463	0 0	25463 25463	30.86 21.93
B3	132-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25478 25478	0 0	25478 25478	29.58 21.93
C1	164-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	24588 24588	0 0	24588 24588	30.86 23.21
C2	164-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25432 25432	0 0	25432 25432	28.31 20.66
C3	164-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25458 25458	0 0	25458 25458	30.86 23.21
D1	NTC	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	22318 22318	0 0	22318 22318	33.41 27.03

Absolute Quantification (Imaging step 3)

	Sample/NTC/Control	Reaction Mix	Target	IC		Conc. [copies/ μ L]	CI (95%)	Partitions			Threshold
				IC	Control type			valid	positive	negative	
A1	138-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	23591 23591	0 0	23591 23591	21.93 18.11
A2	138-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	24723 24723	0 0	24723 24723	23.21 16.83
A3	138-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25367 25367	0 0	25367 25367	21.93 18.11
B1	132-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	14480 14480	0 0	14480 14480	21.93 16.83
B2	132-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25464 25464	0 0	25464 25464	21.93 16.83
B3	132-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25454 25454	0 0	25454 25454	21.93 16.83
C1	164-1-1000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	24592 24592	0 0	24592 24592	21.93 16.83
C2	164-1-2000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25346 25346	0 0	25346 25346	21.93 16.83
C3	164-1-5000	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	25447 25447	0 0	25447 25447	20.66 16.83
D1	NTC	Generic-Cre	IC Tg	IC -	- -	0.000 0.000	- -	22325 22325	0 0	22325 22325	23.21 18.11

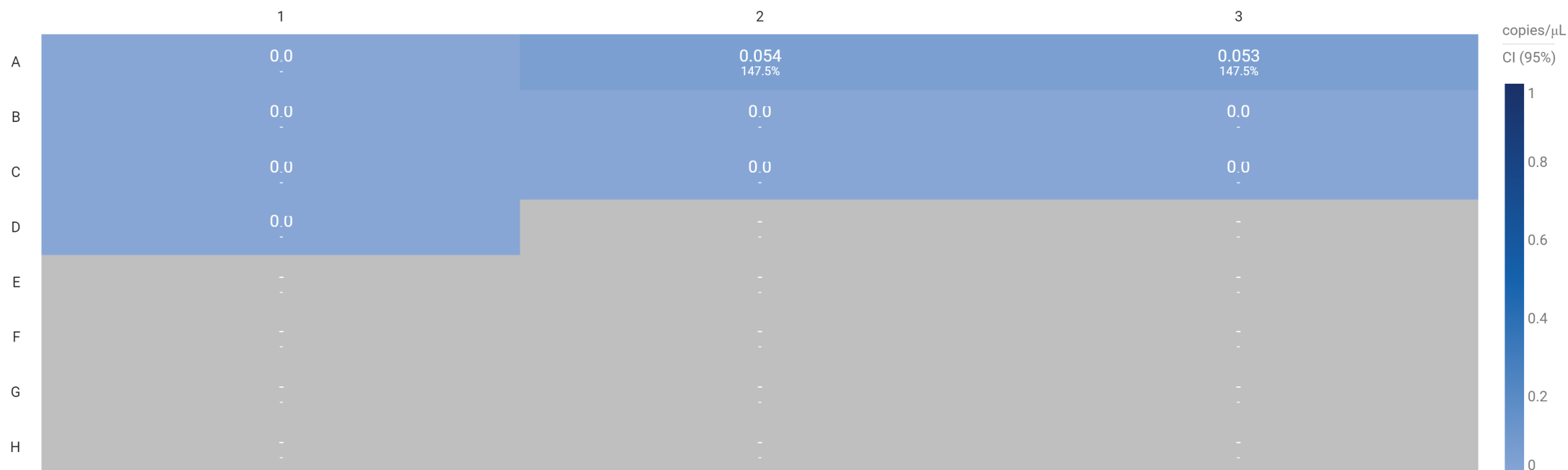
IC (10 wells)

● Green



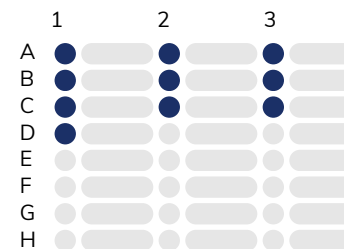
Wells selected: 10

Imaging step: 1



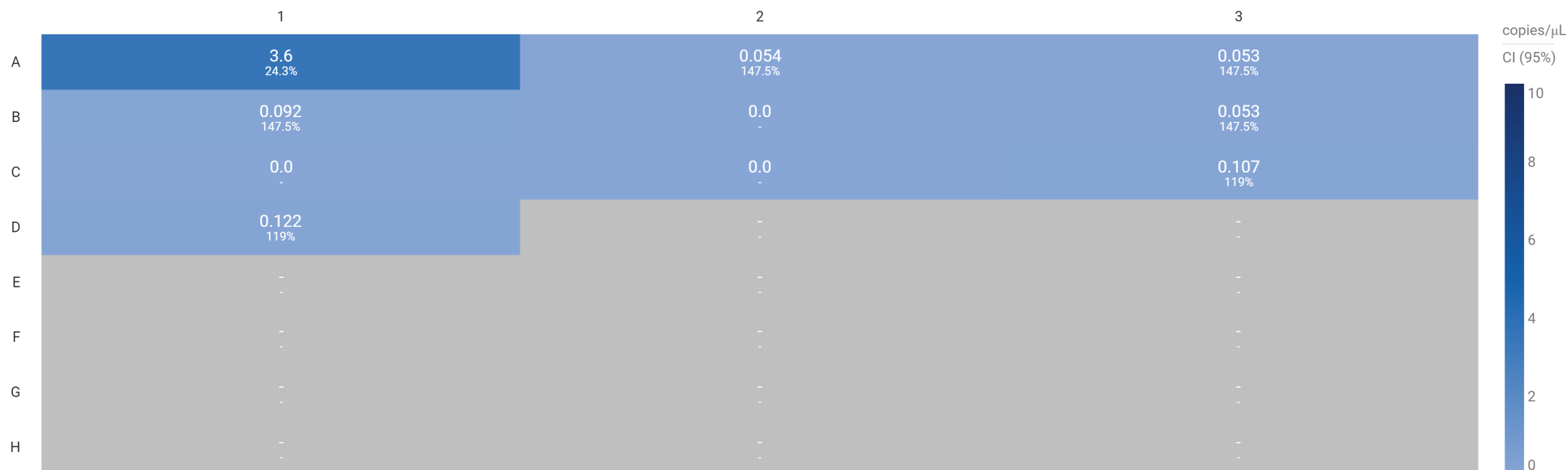
Tg (10 wells)











● Yellow



Wells selected: 10

Imaging step: 1



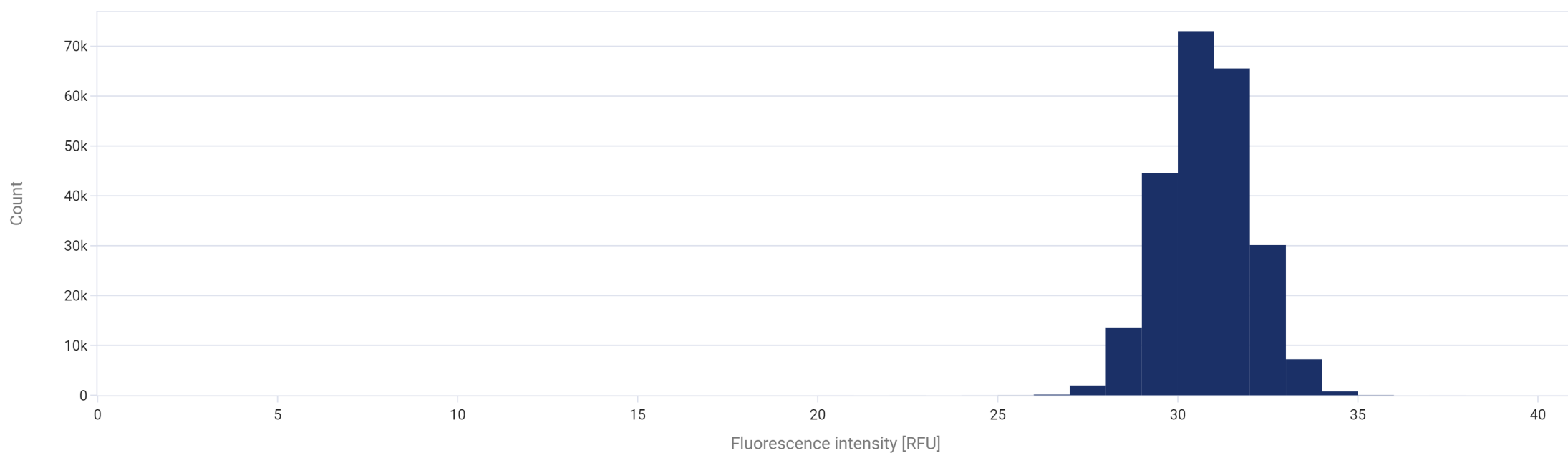
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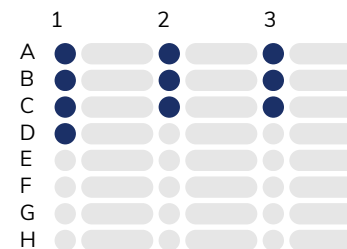
Wells selected: 10

Imaging step: 1

Common threshold: -

IC (10 wells)

 Green




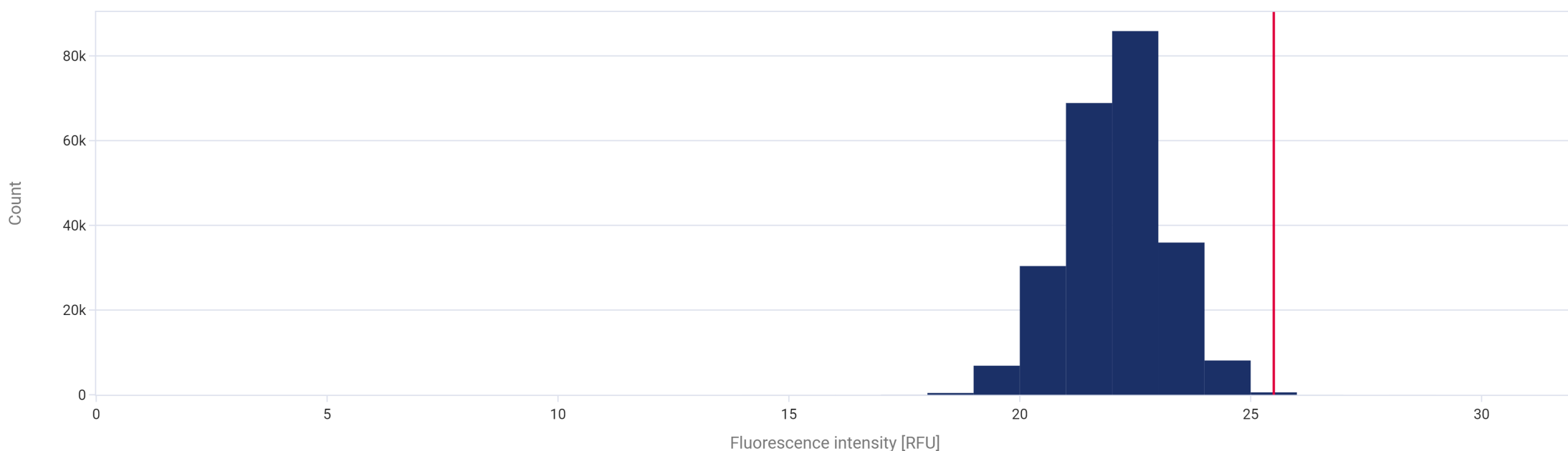
Wells selected: 10

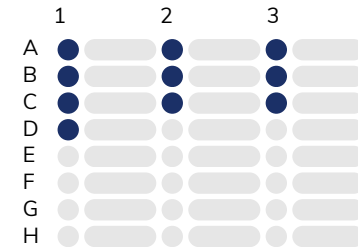
Imaging step: 1

Common threshold: 25.5

Tg (10 wells)

● Yellow

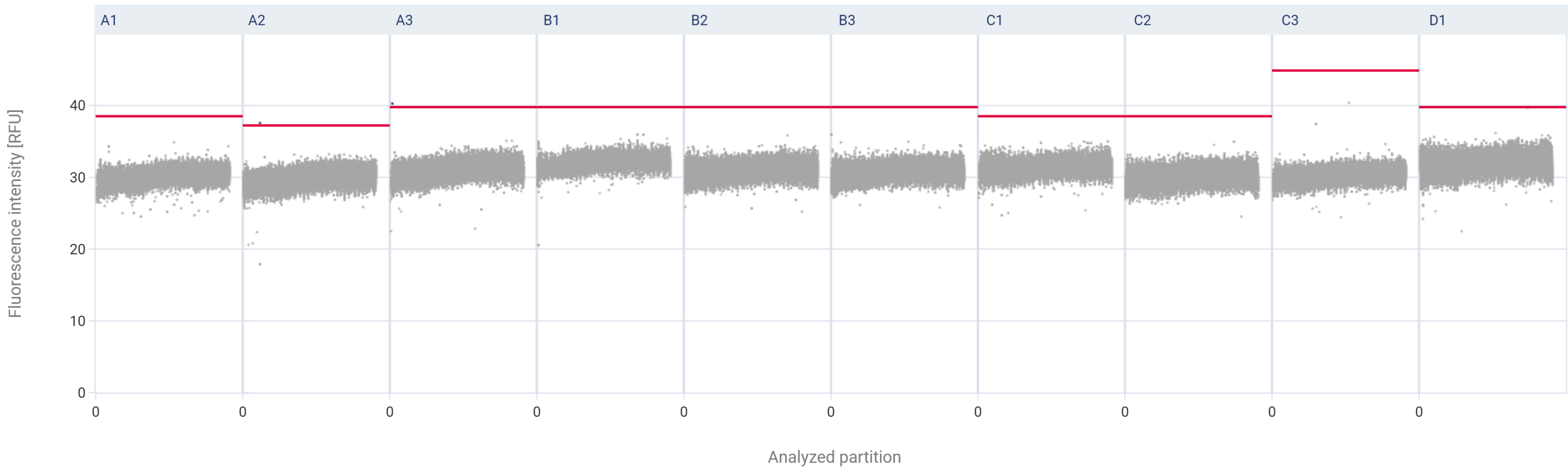


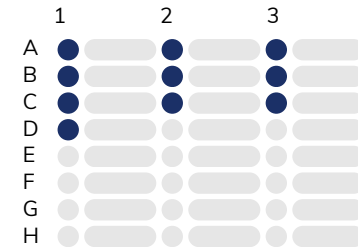


Wells selected: 10
Imaging step: 1
Common threshold: -

IC (10 wells)

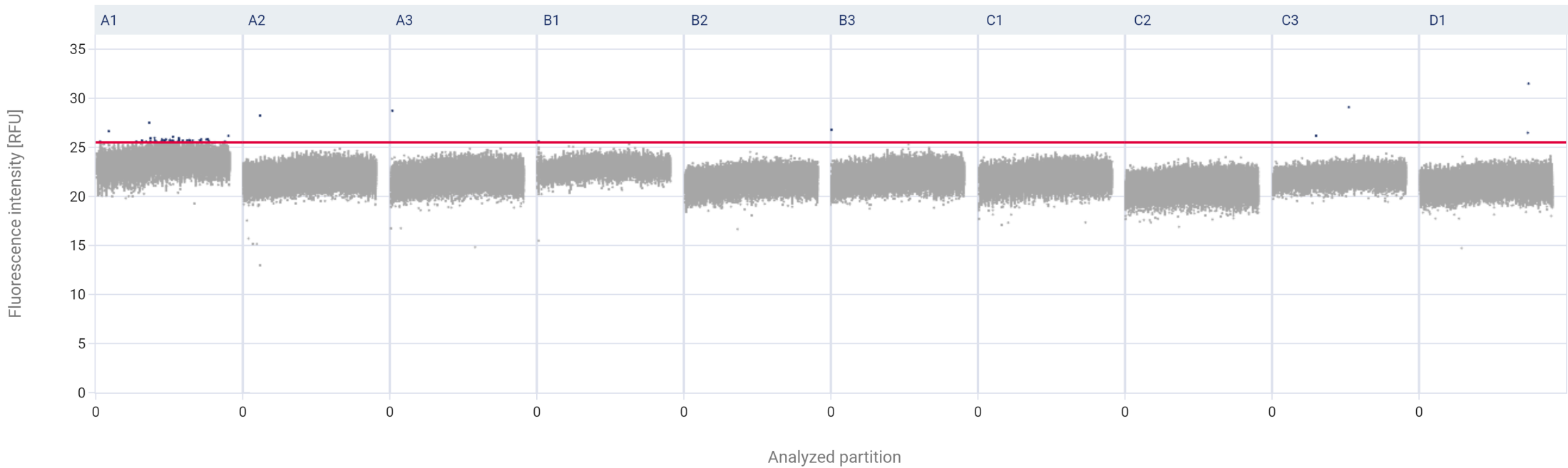
● Green

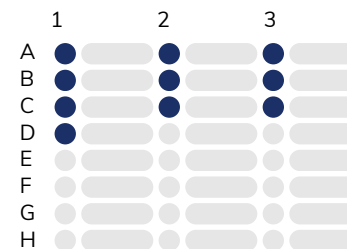




Wells selected: 10
Imaging step: 1
Common threshold: 25.5

Tg (10 wells)
● Yellow



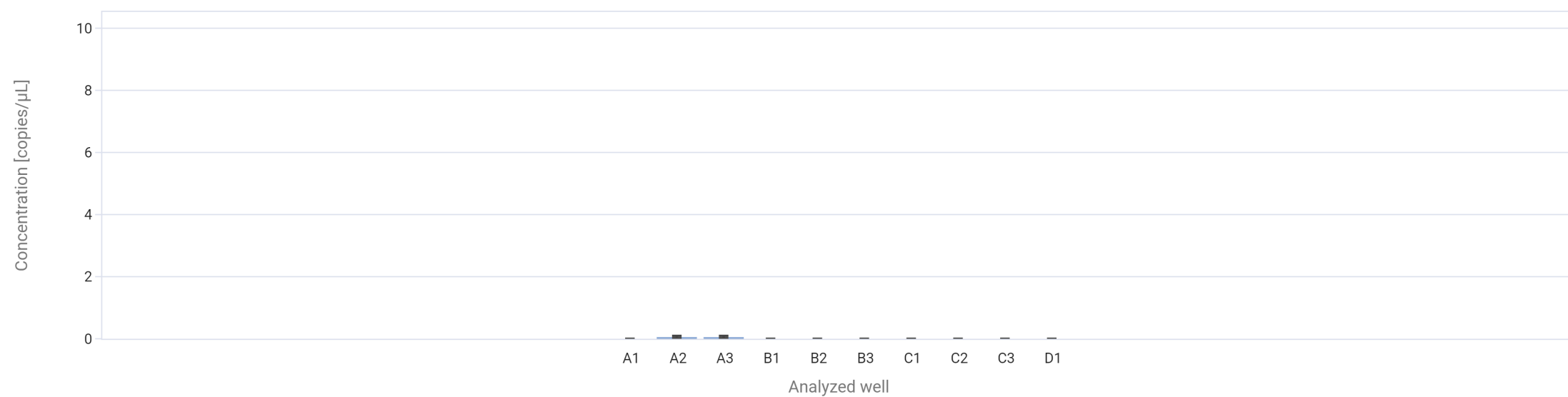












Wells selected: 10

Imaging step: 1

IC (10 wells)

● Green

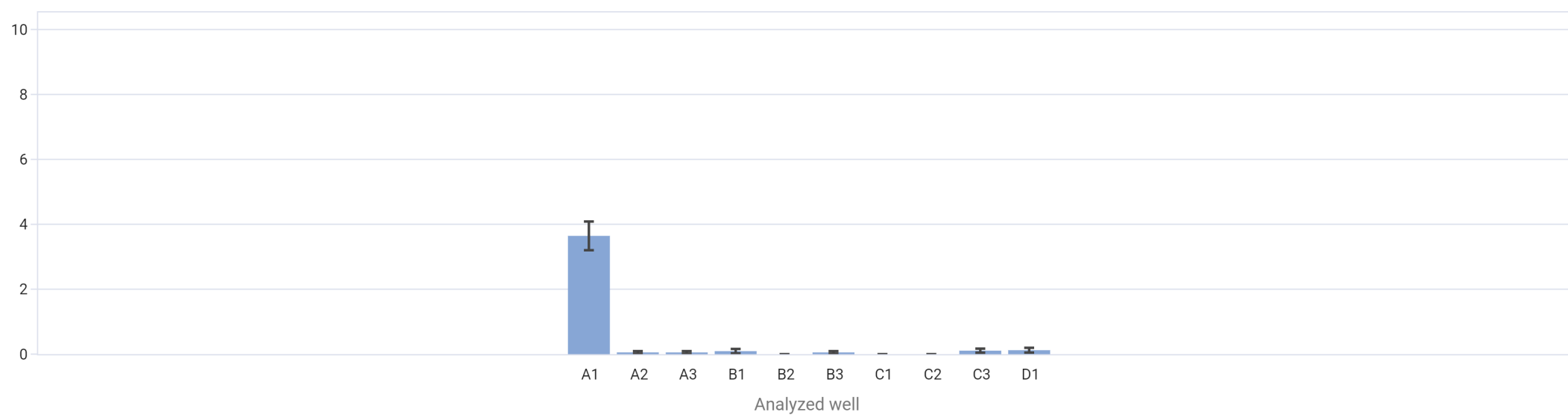


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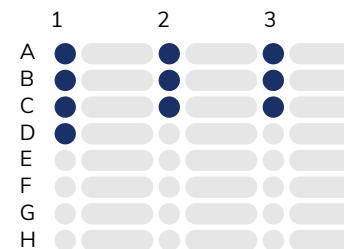
Wells selected: 10

Imaging step: 1

Tg (10 wells)

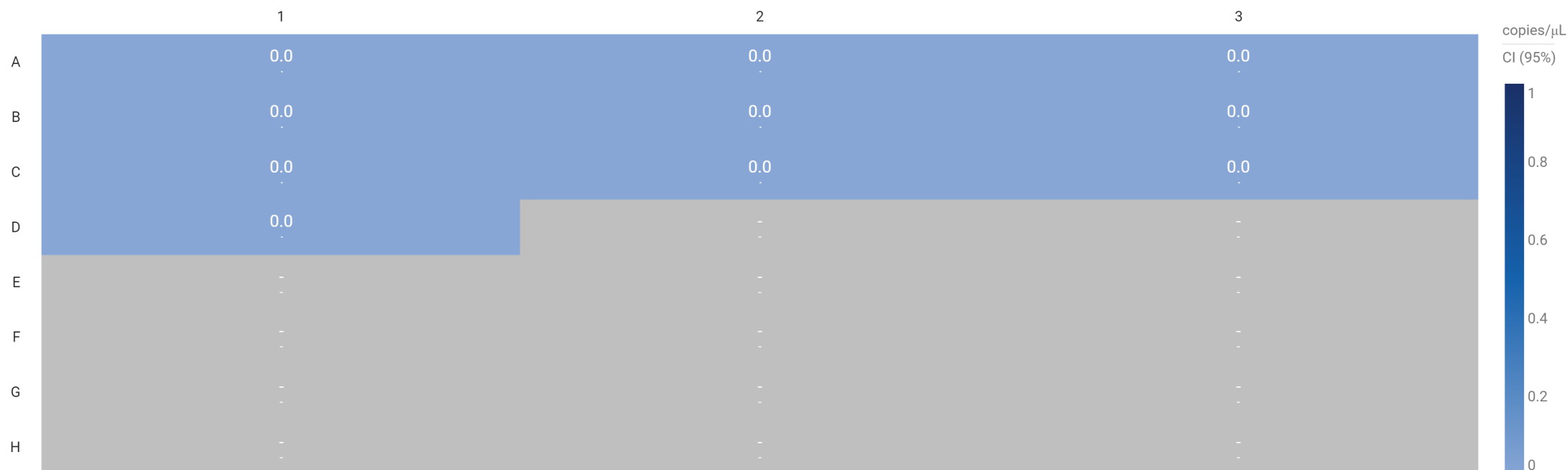
 Yellow


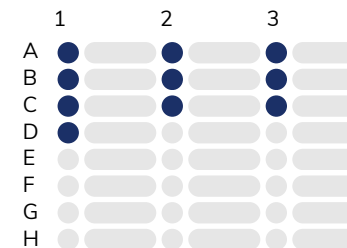
IC (10 wells)

 Green

Wells selected: 10

Imaging step: 2

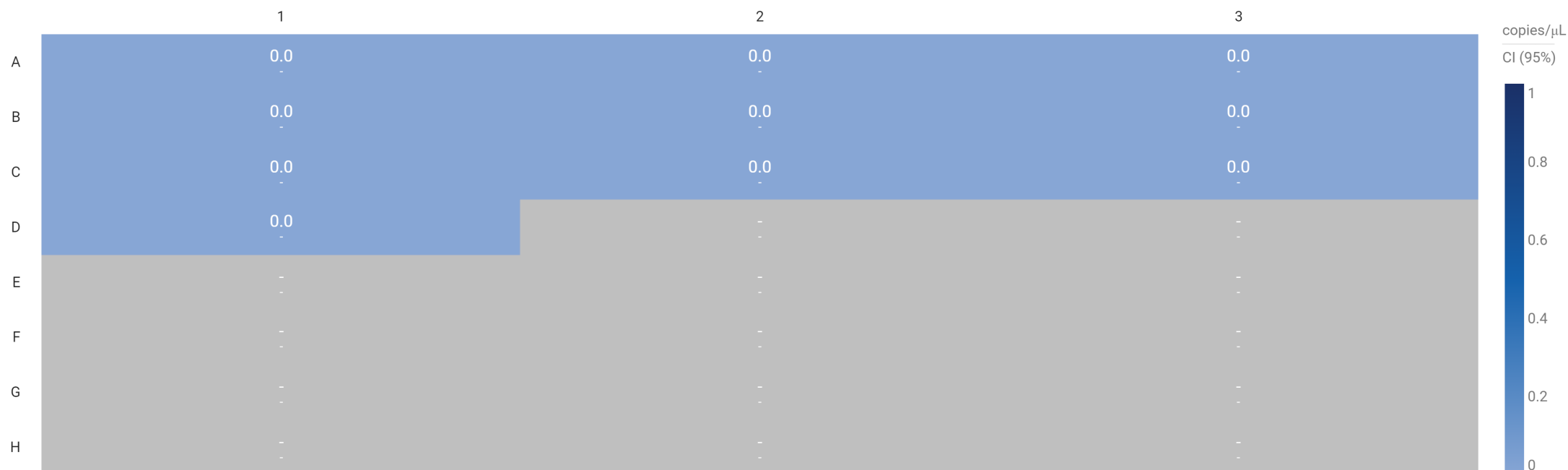




























Wells selected: 10
Imaging step: 2

Tg (10 wells)

● Yellow



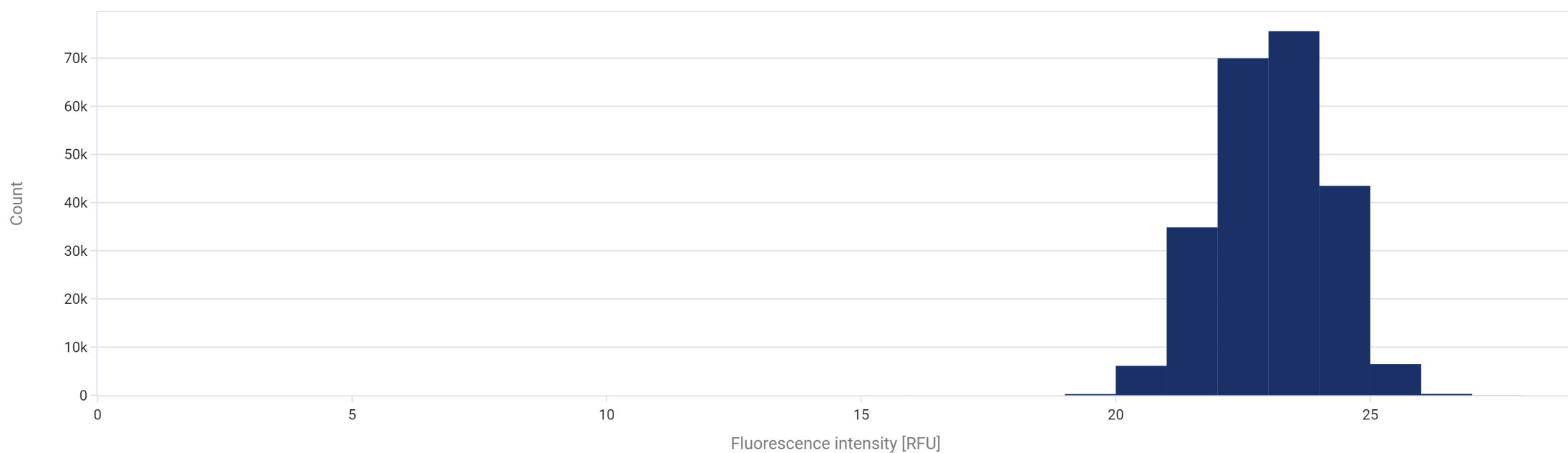
	1	2	3
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Wells selected: 10

Imaging step: 2

Common threshold: -

IC (10 wells)

 Green


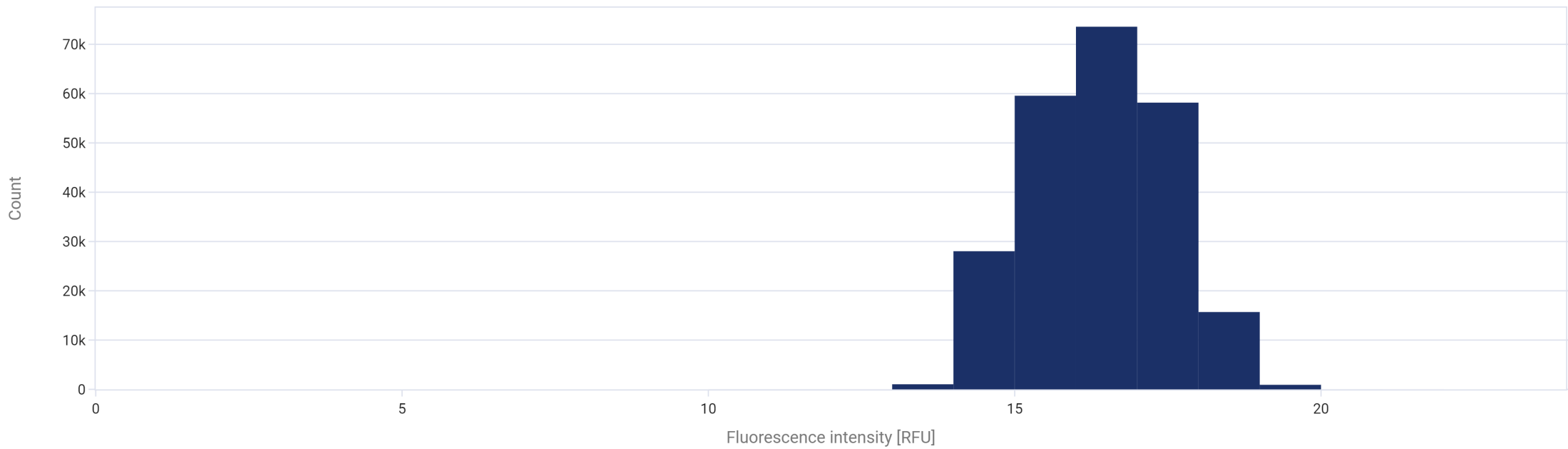
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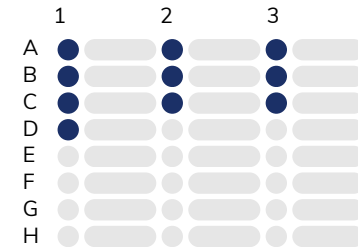
Wells selected: 10

Imaging step: 2

Common threshold: -

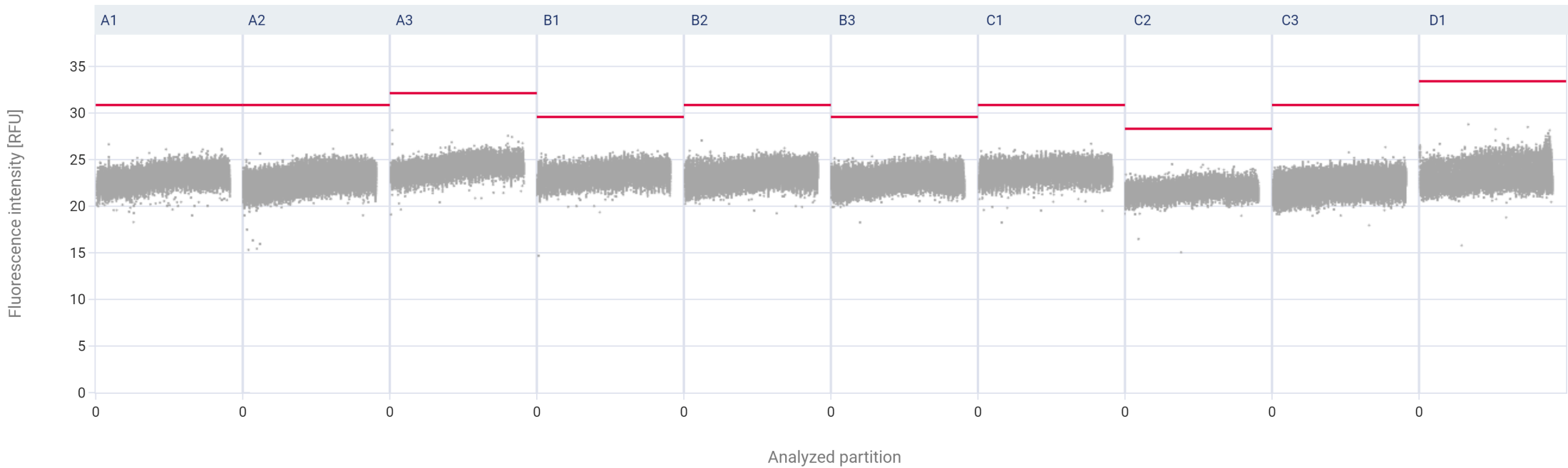
Tg (10 wells)

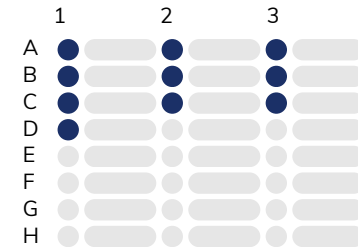
 Yellow




Wells selected: 10
Imaging step: 2
Common threshold: -

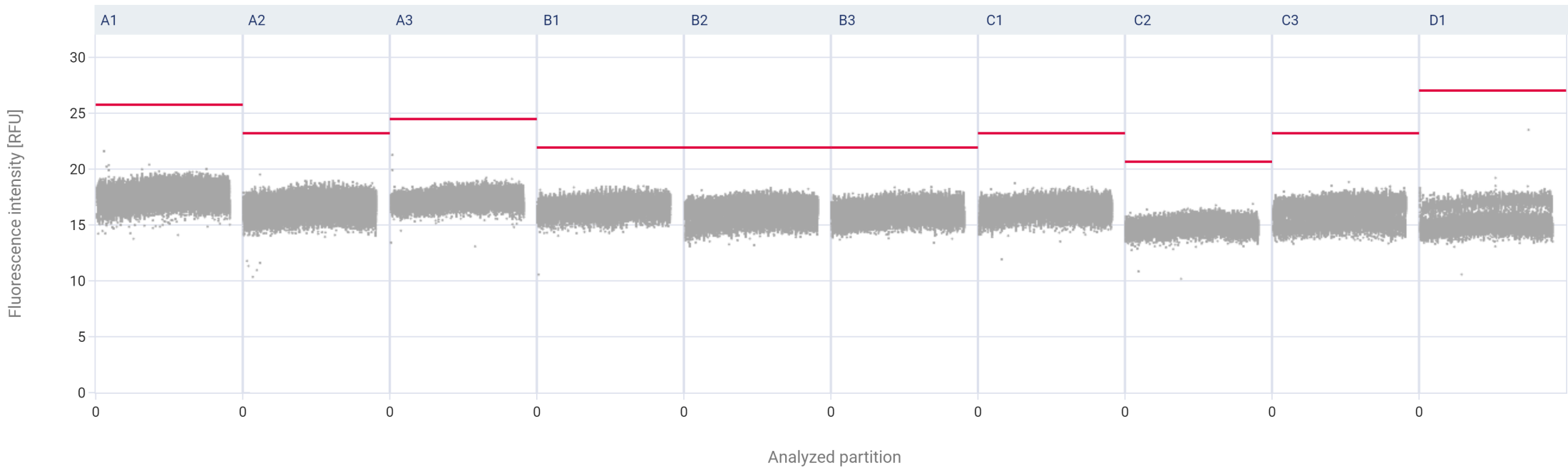
IC (10 wells)
● Green

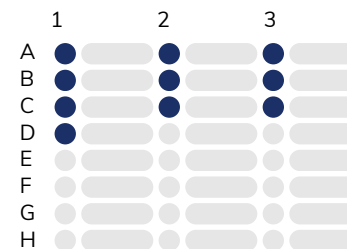




Wells selected: 10
Imaging step: 2
Common threshold: -

Tg (10 wells)
● Yellow



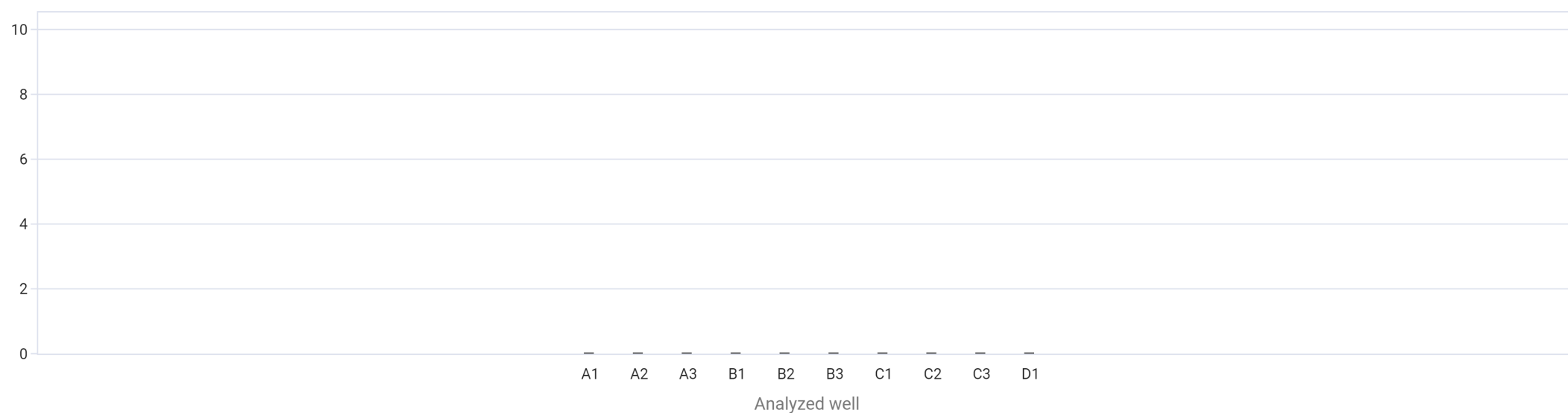


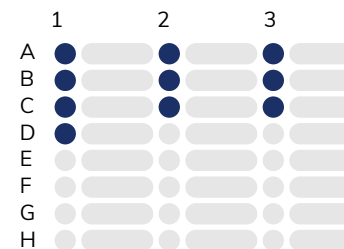
Wells selected: 10

Imaging step: 2

IC (10 wells)

● Green



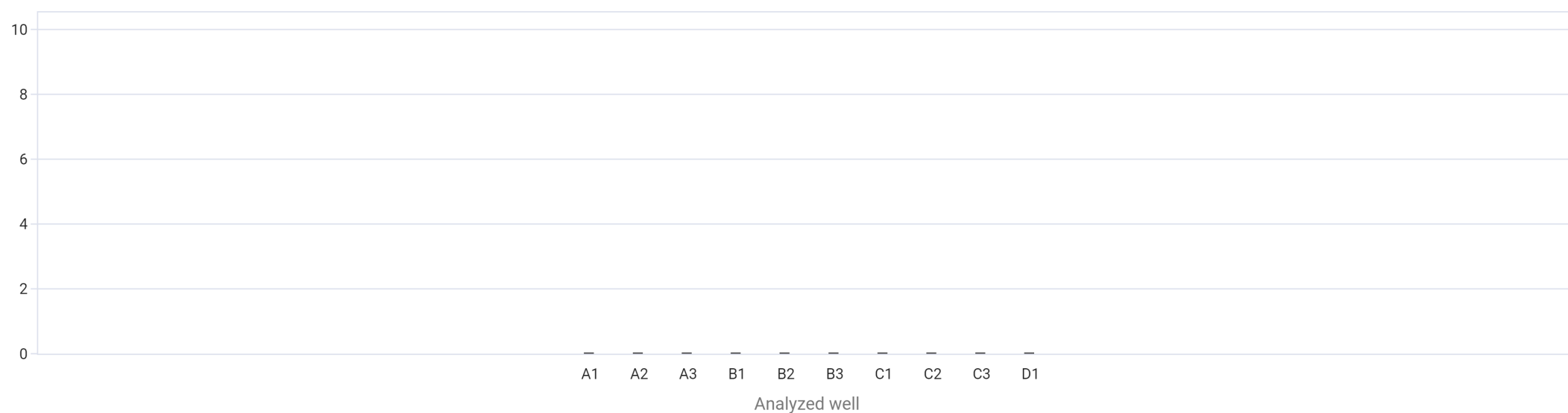


Wells selected: 10

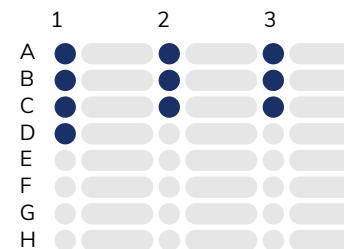
Imaging step: 2

Tg (10 wells)

● Yellow

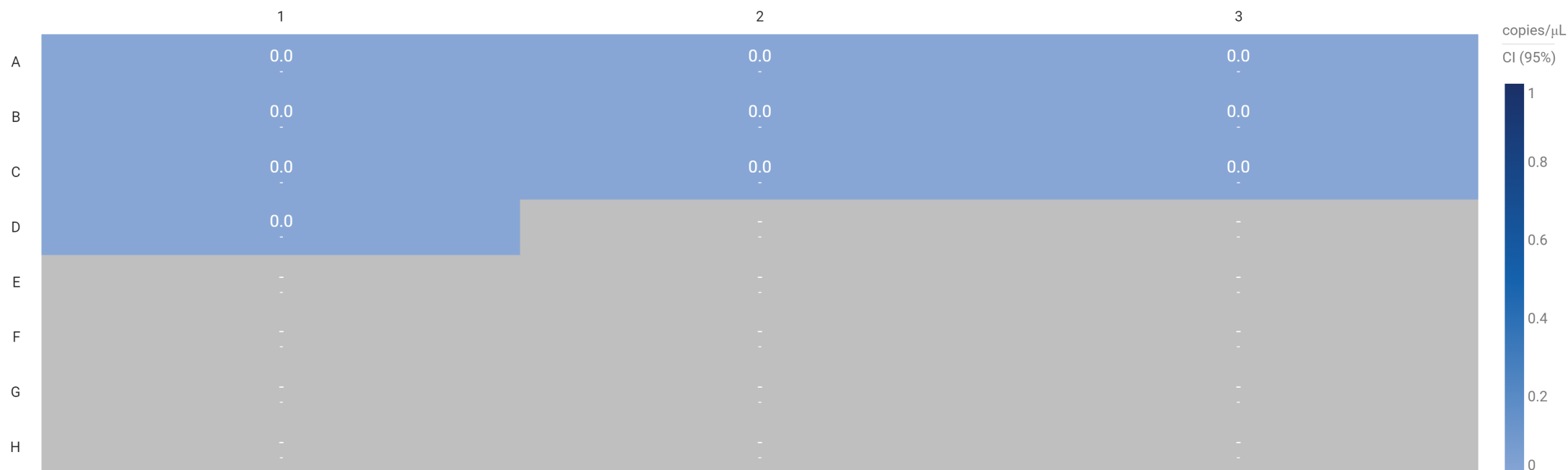


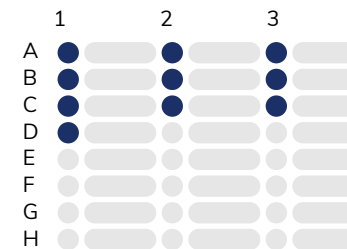
IC (10 wells)

 Green

Wells selected: 10

Imaging step: 3

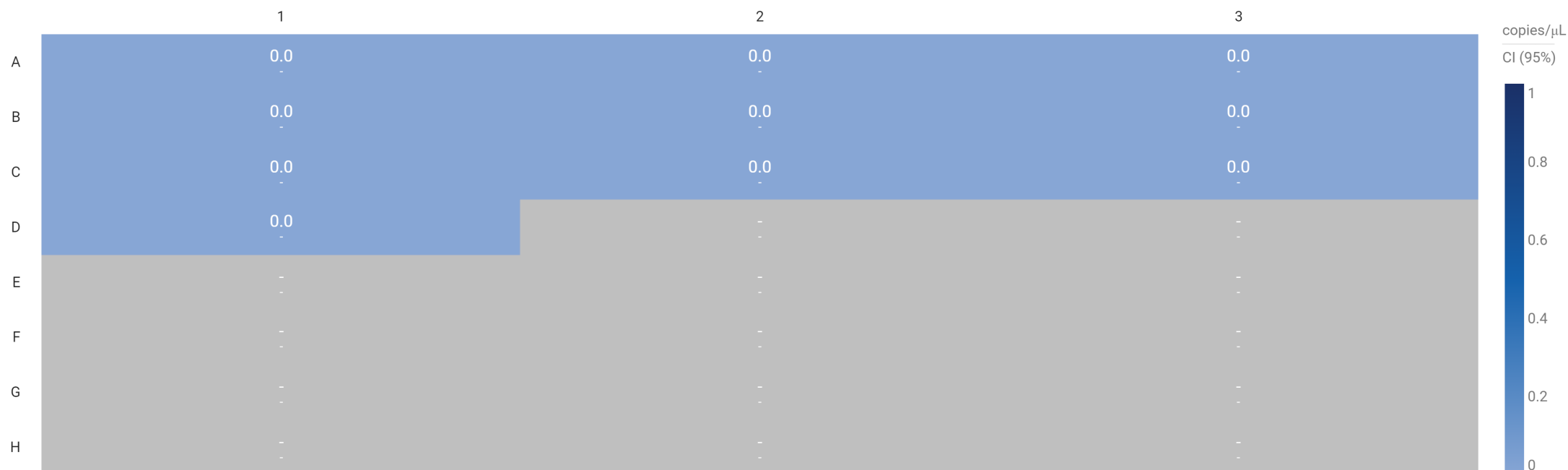




























Wells selected: 10
Imaging step: 3

Tg (10 wells)

● Yellow



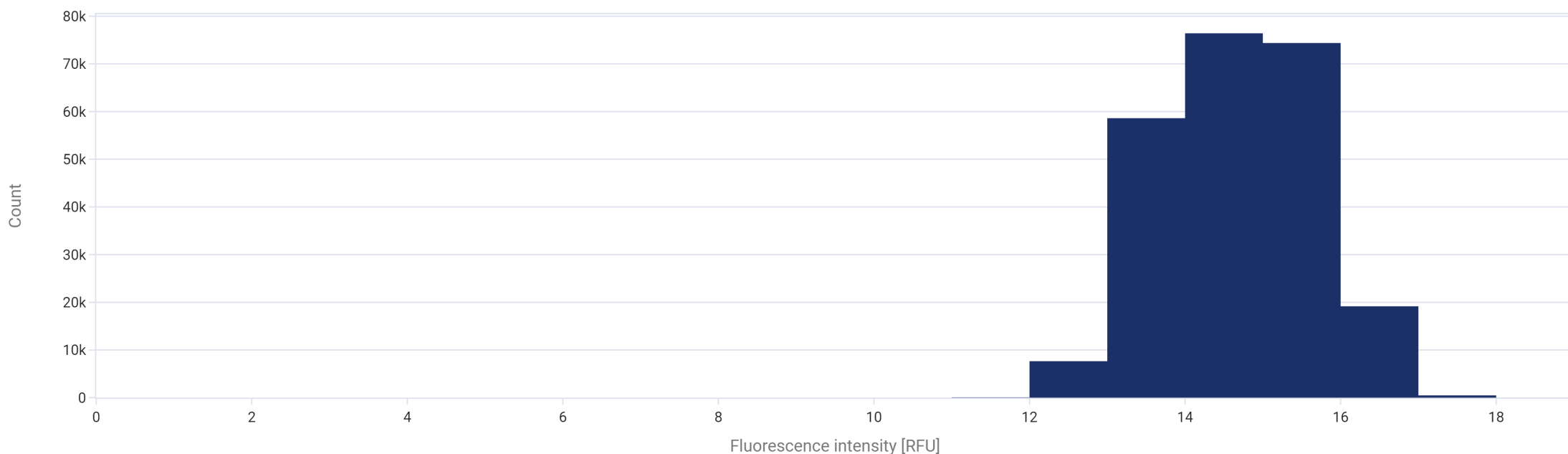
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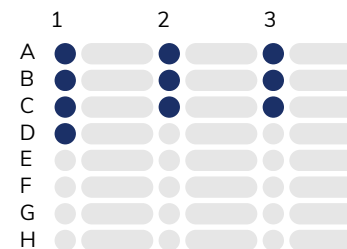
Wells selected: 10

Imaging step: 3

Common threshold: -

IC (10 wells)

 Green




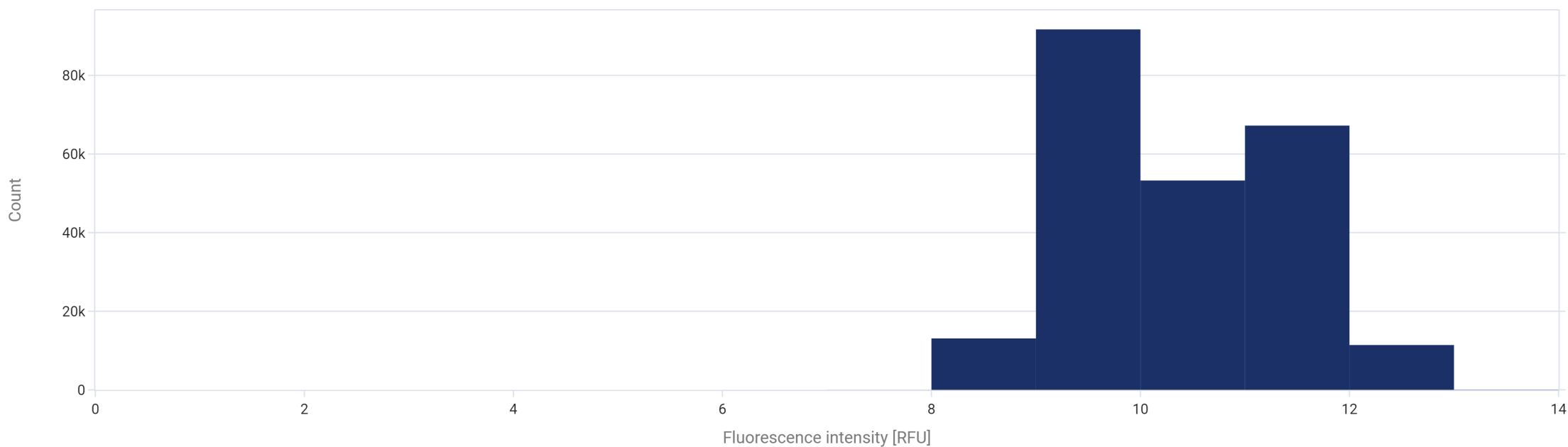
Wells selected: 10

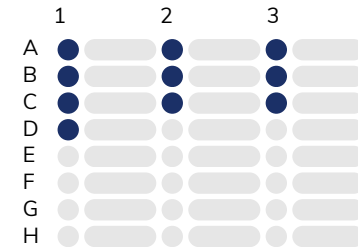
Imaging step: 3

Common threshold: -

Tg (10 wells)

● Yellow

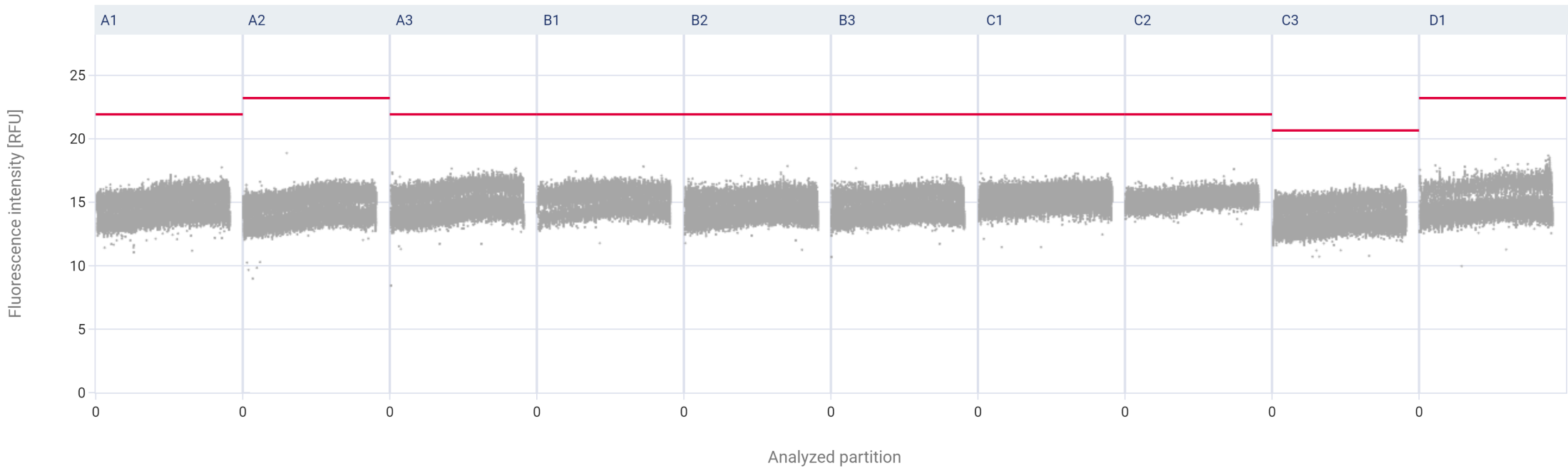


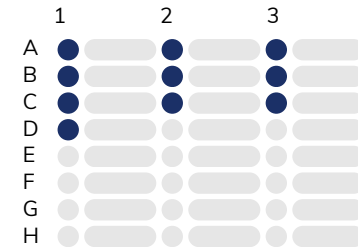


Wells selected: 10
Imaging step: 3
Common threshold: -

IC (10 wells)

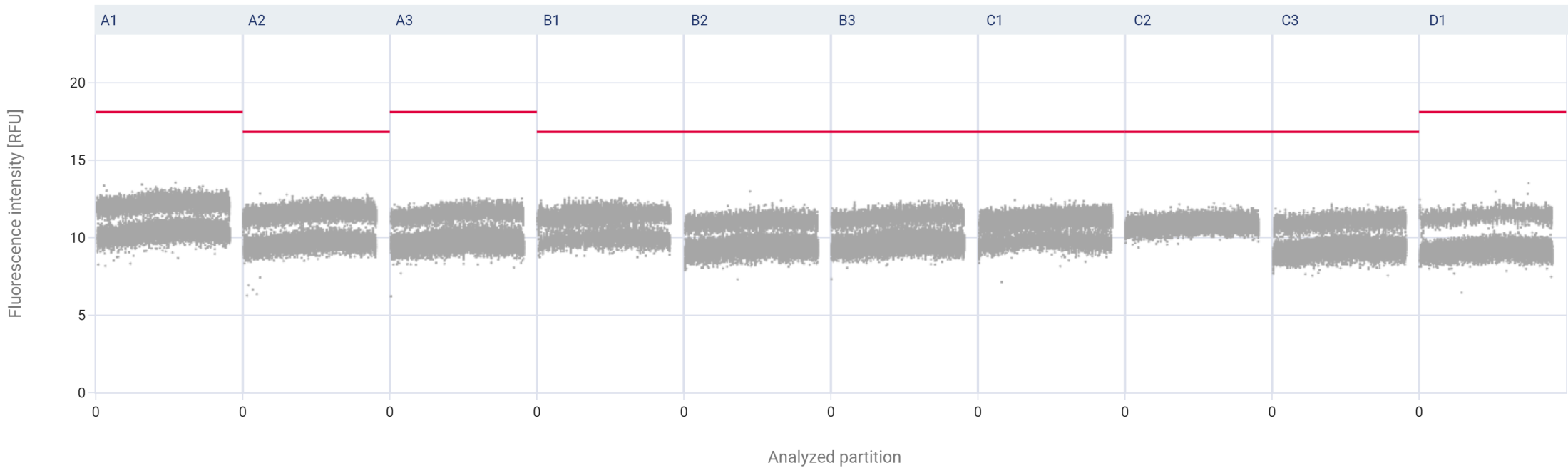
● Green

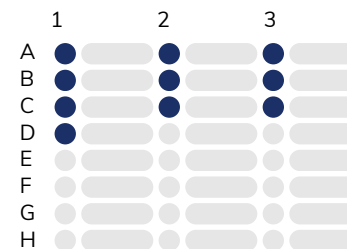




Wells selected: 10
Imaging step: 3
Common threshold: -

Tg (10 wells)
● Yellow



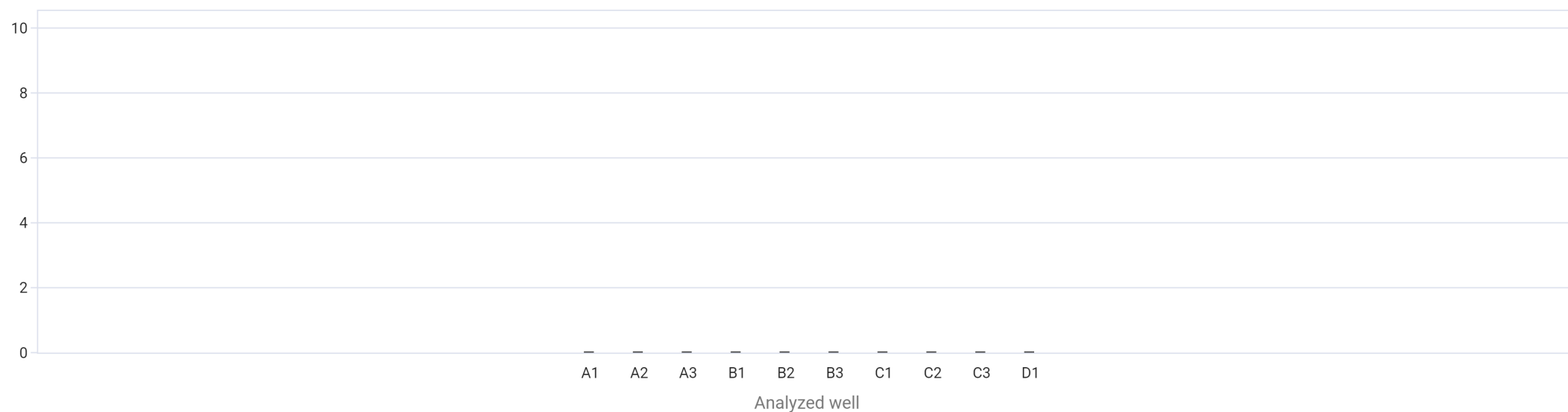


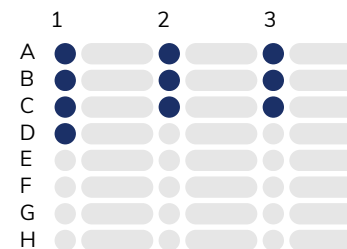
Wells selected: 10

Imaging step: 3

IC (10 wells)

● Green



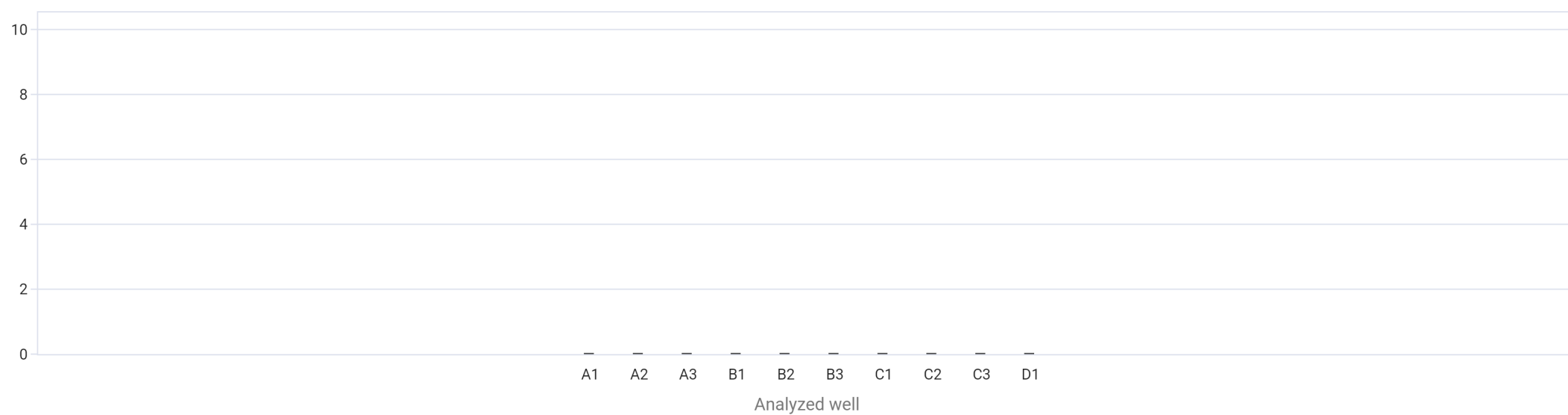


Wells selected: 10

Imaging step: 3

Tg (10 wells)

● Yellow



Comments