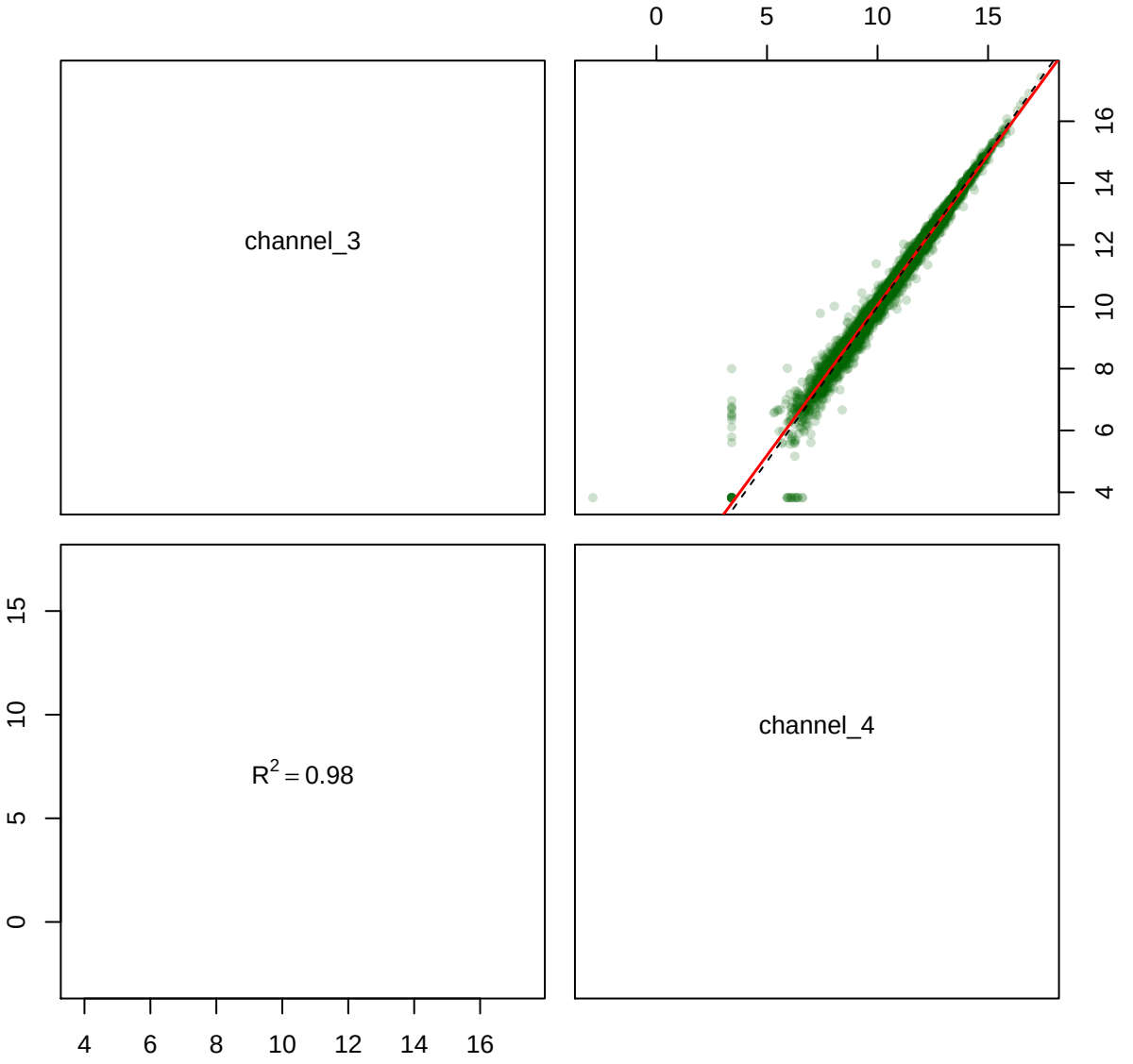
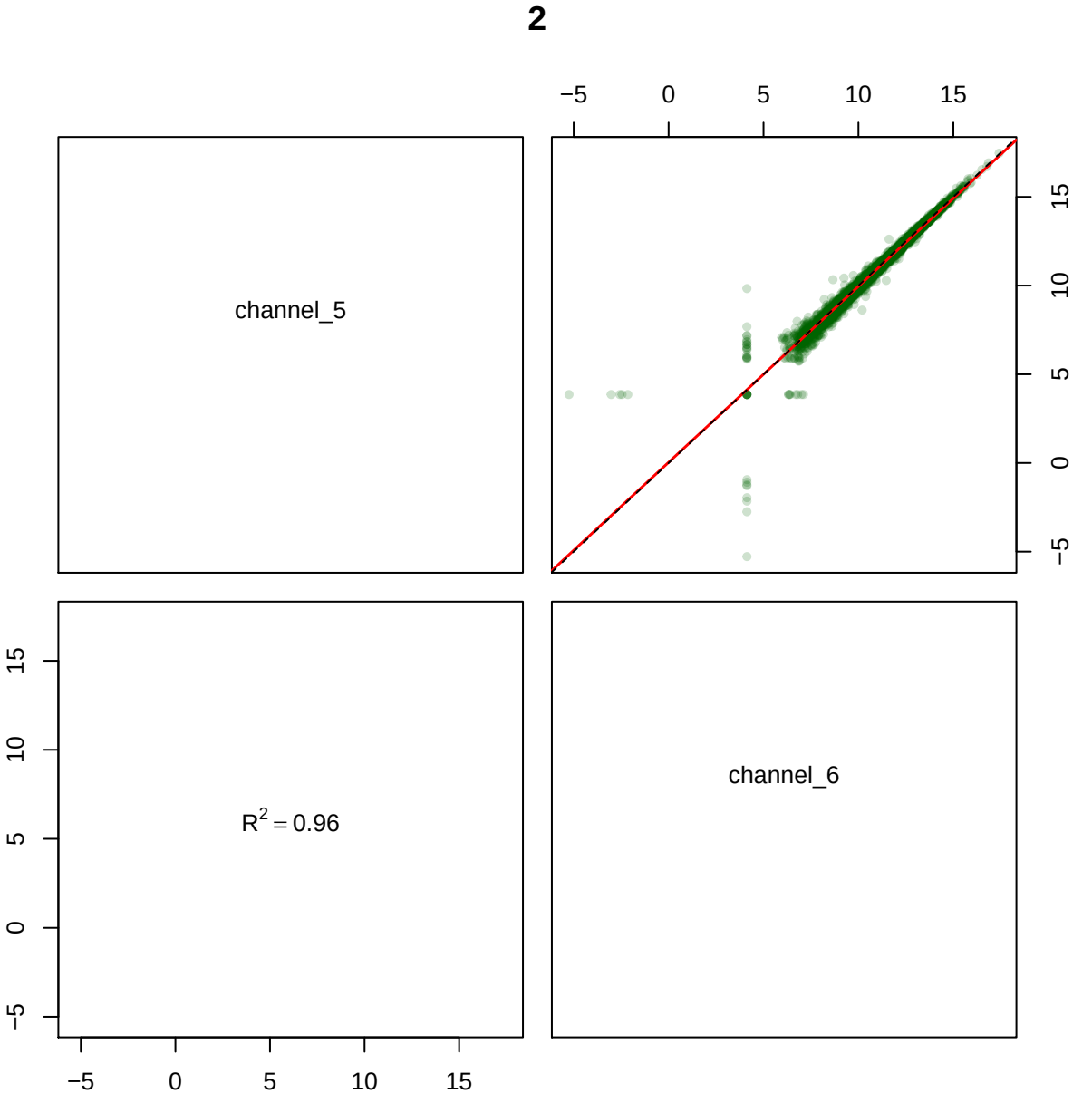
Experimental Design

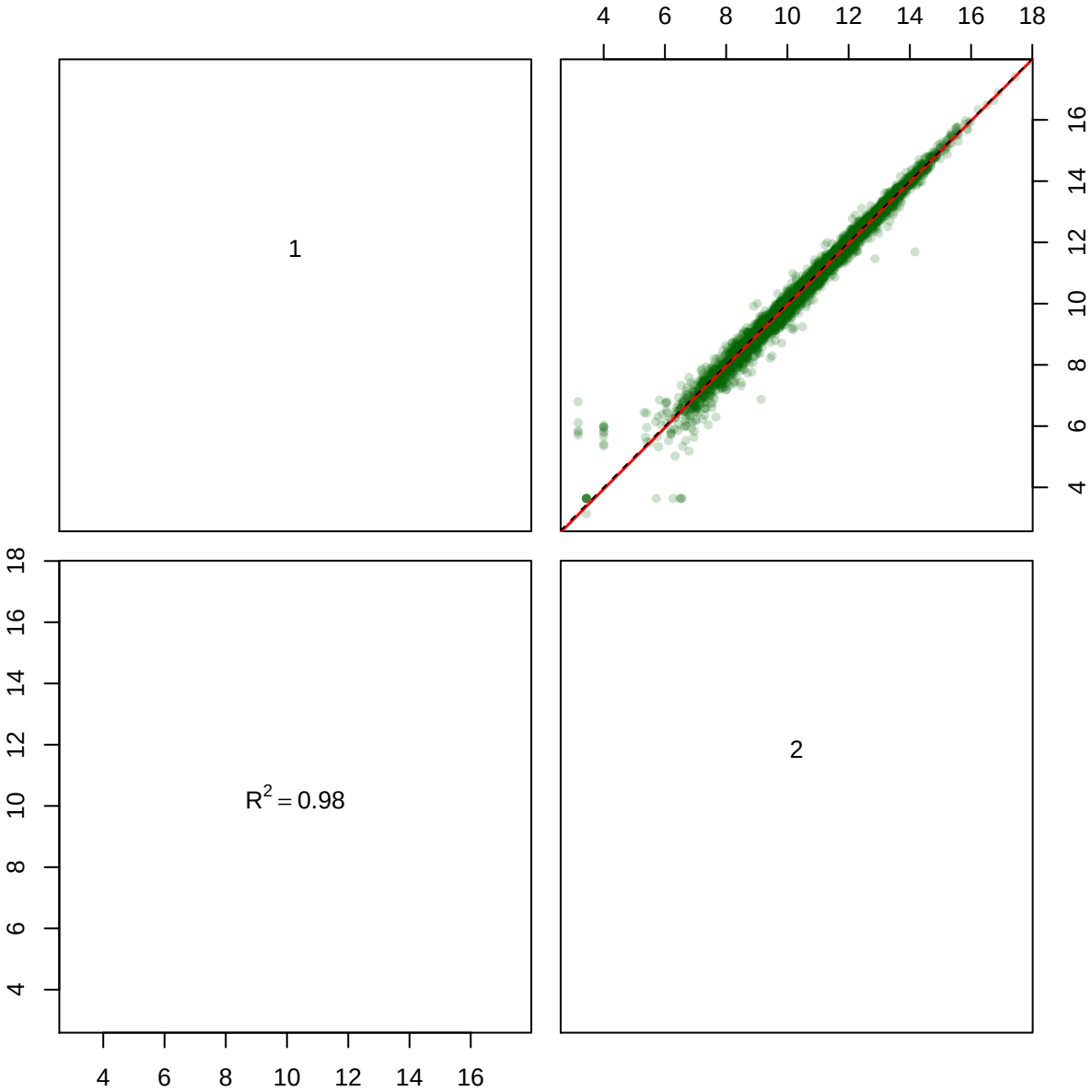
2	4: channel_6
	3: channel_5
1	2: channel_4
	1: channel_3

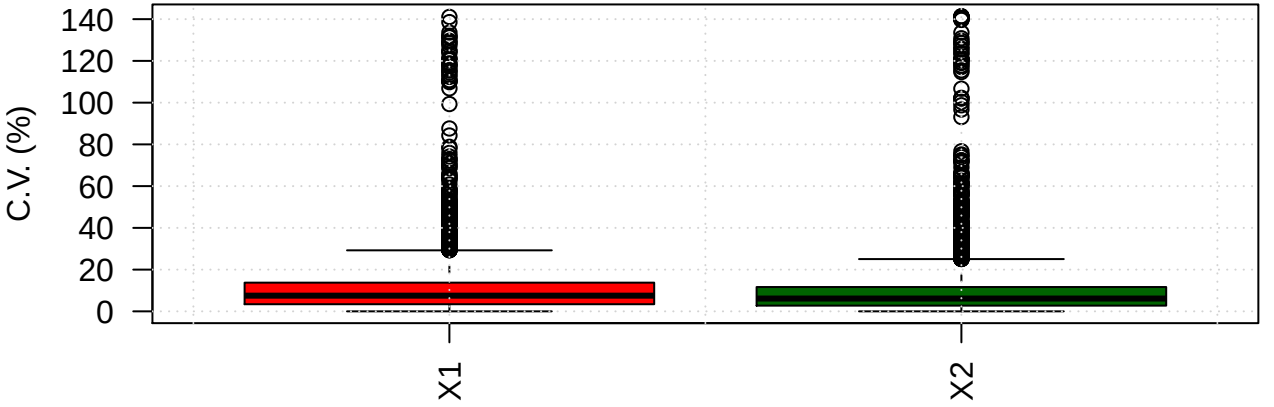
SafeQuant v. 2.0

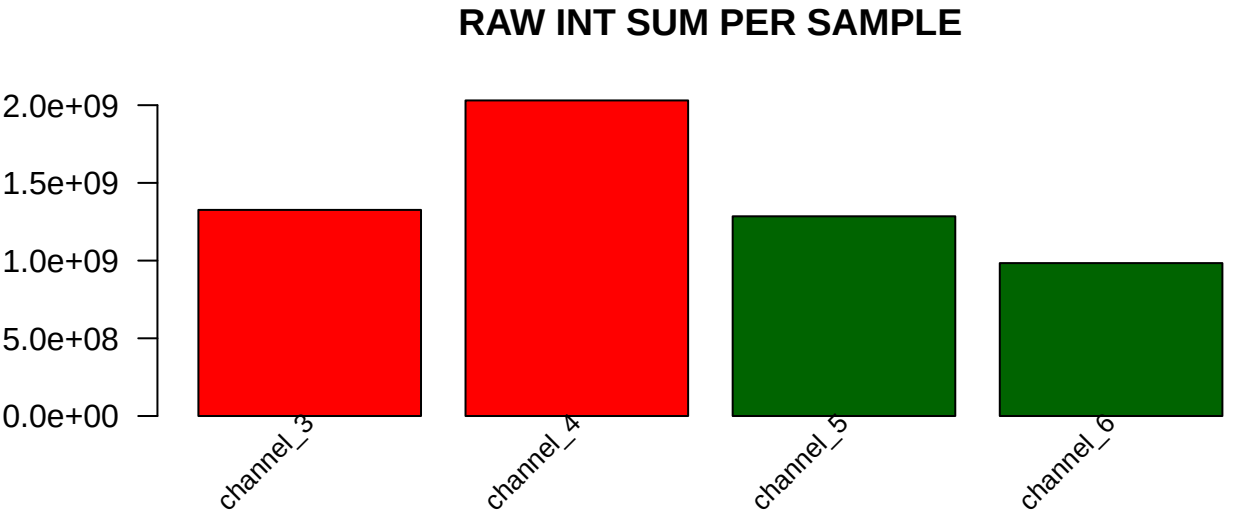
1

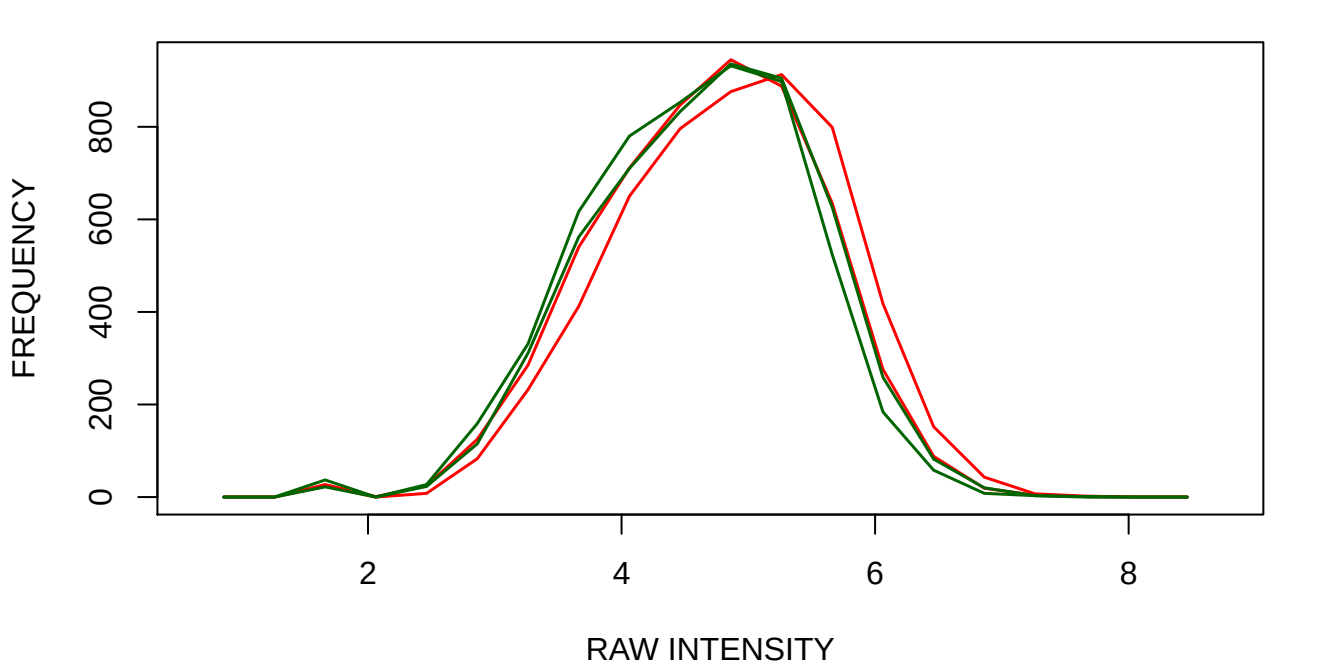


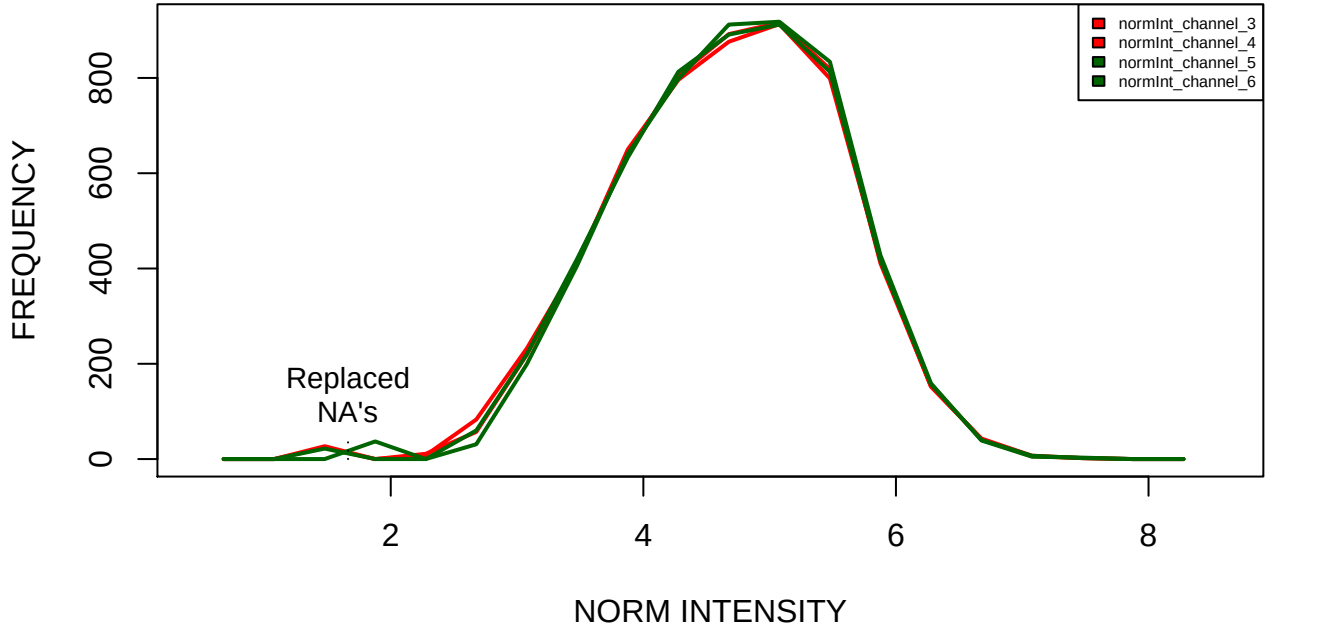

2
channel_5
channel_6
$R^2 = 0.96$
−5
0
5
10
15

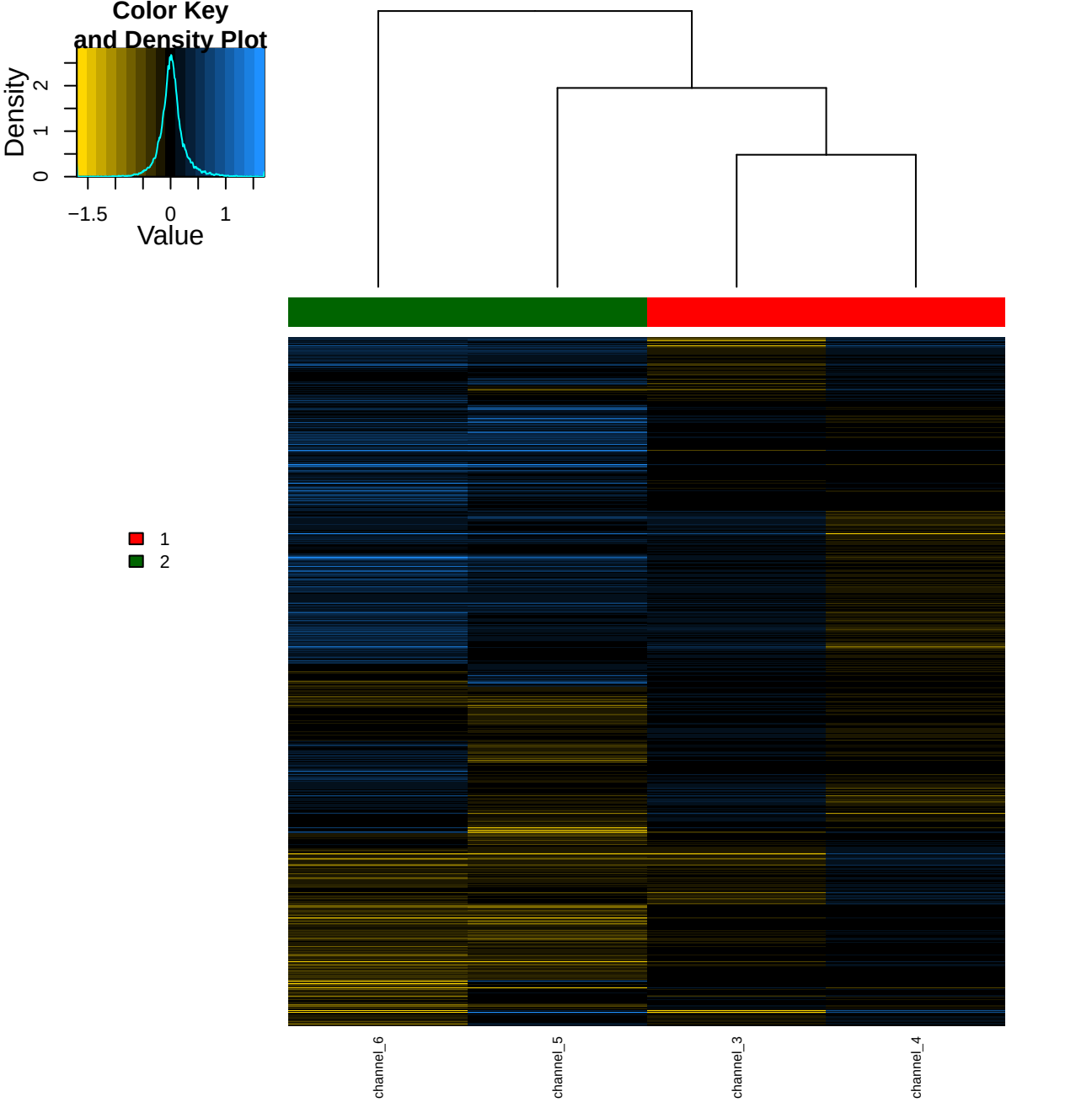

1
2
$R^2 = 0.98$
4
6
8
10
12
14
16
18

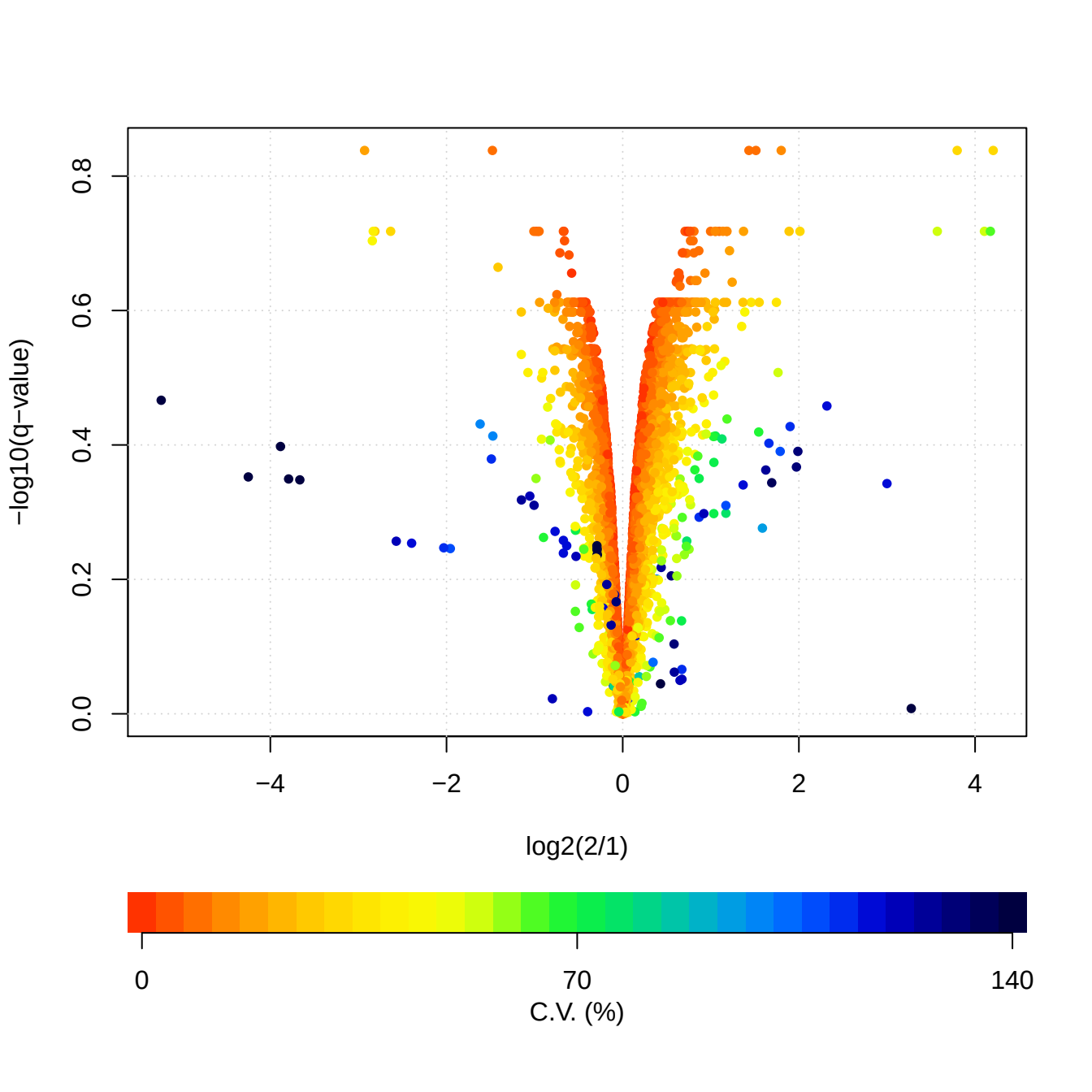

C.V. (%)
140
120
100
80
60
40
20
0
X1
X2

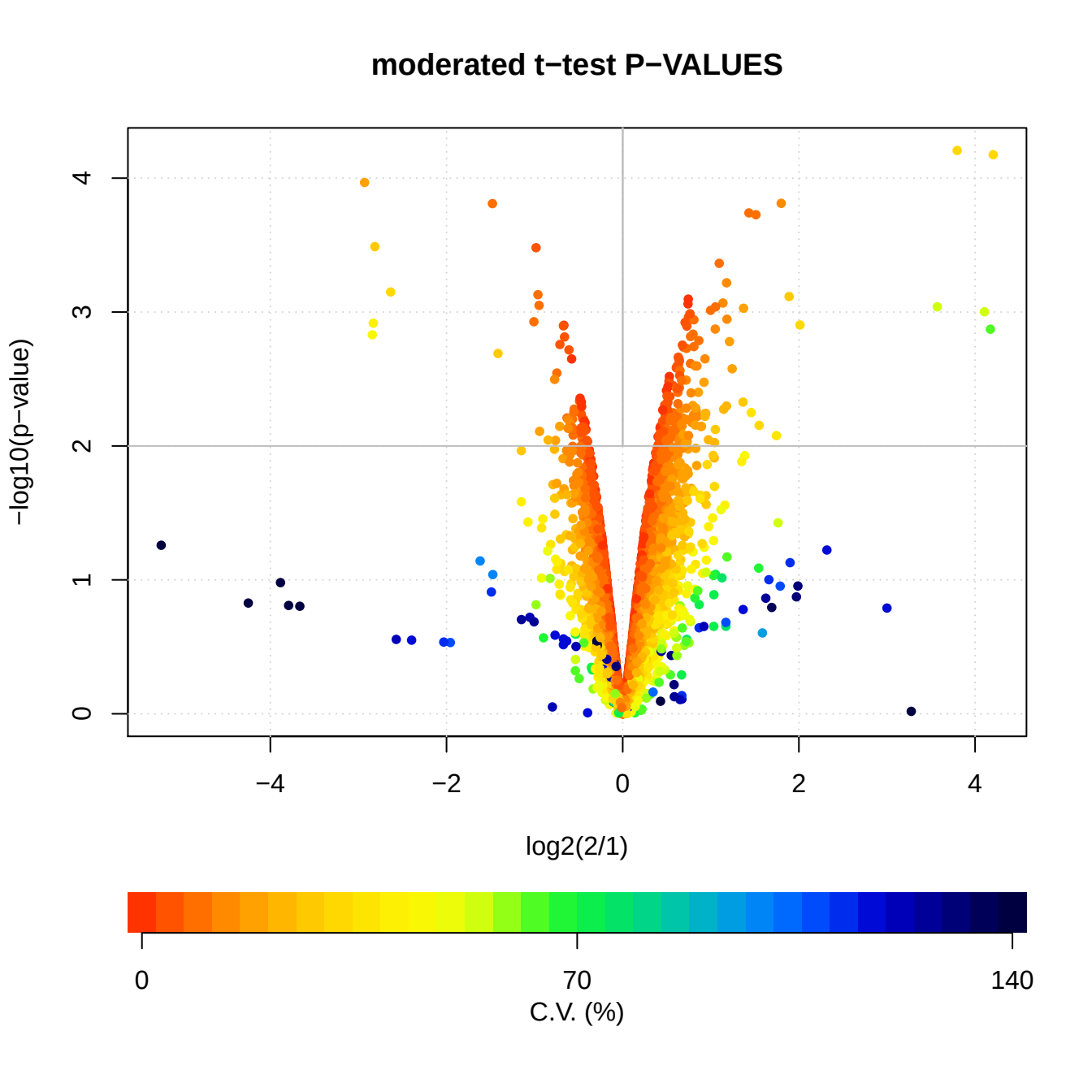

RAW INT SUM PER SAMPLE
2.0e+09
1.5e+09
1.0e+09
5.0e+08
0.0e+00
channel_3
channel_4
channel_5
channel_6

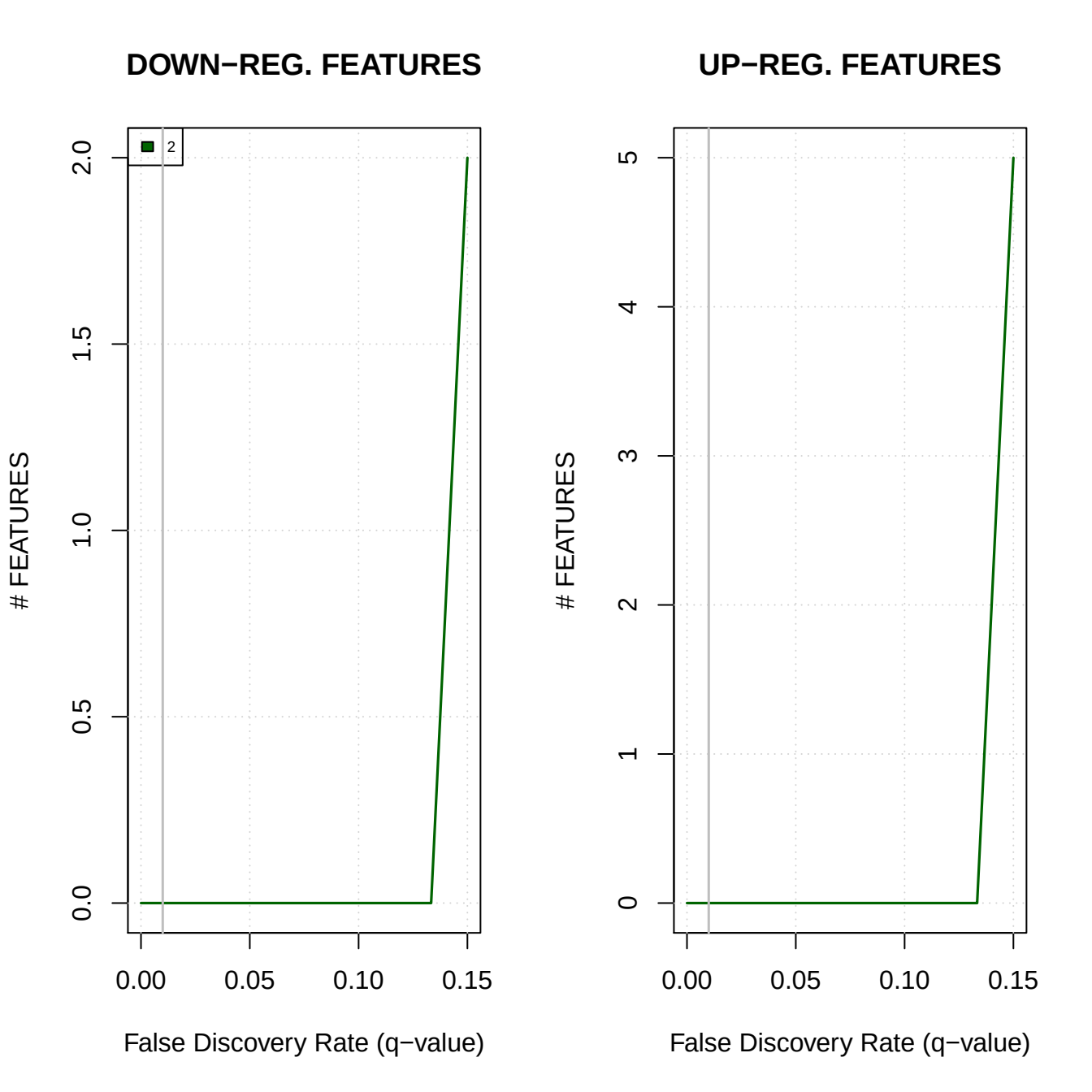

FREQUENCY
0
200
400
600
800
2
4
6
8
RAW INTENSITY

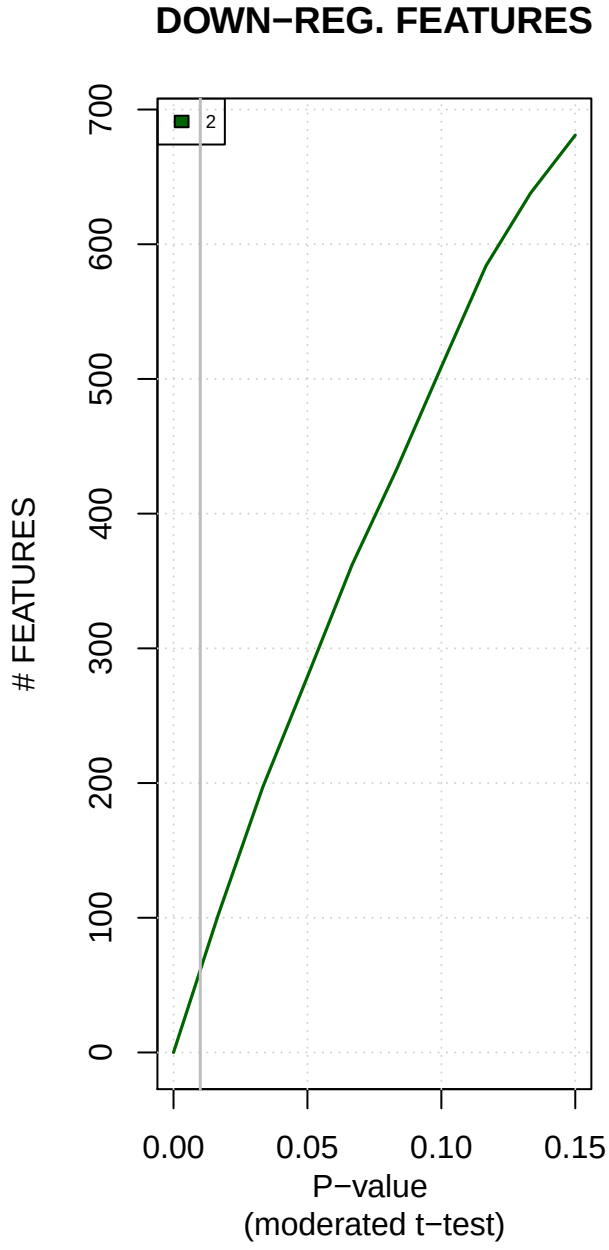

normInt_channel_3
normInt_channel_4
normInt_channel_5
normInt_channel_6
FREQUENCY
0
200
400
600
800
Replaced
NA's
2
4
6
8
NORM INTENSITY

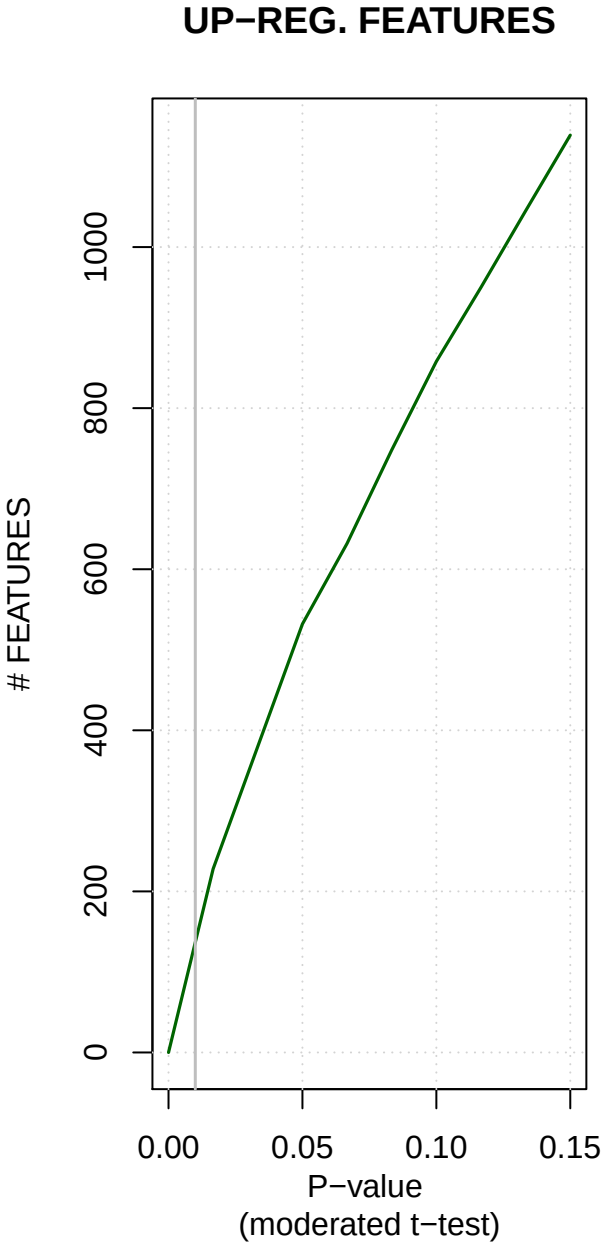

Color Key
and Density Plot
Density
0
1
2
−1.5
0
1
Value
1
2
channel_6
channel_5
channel_3
channel_4

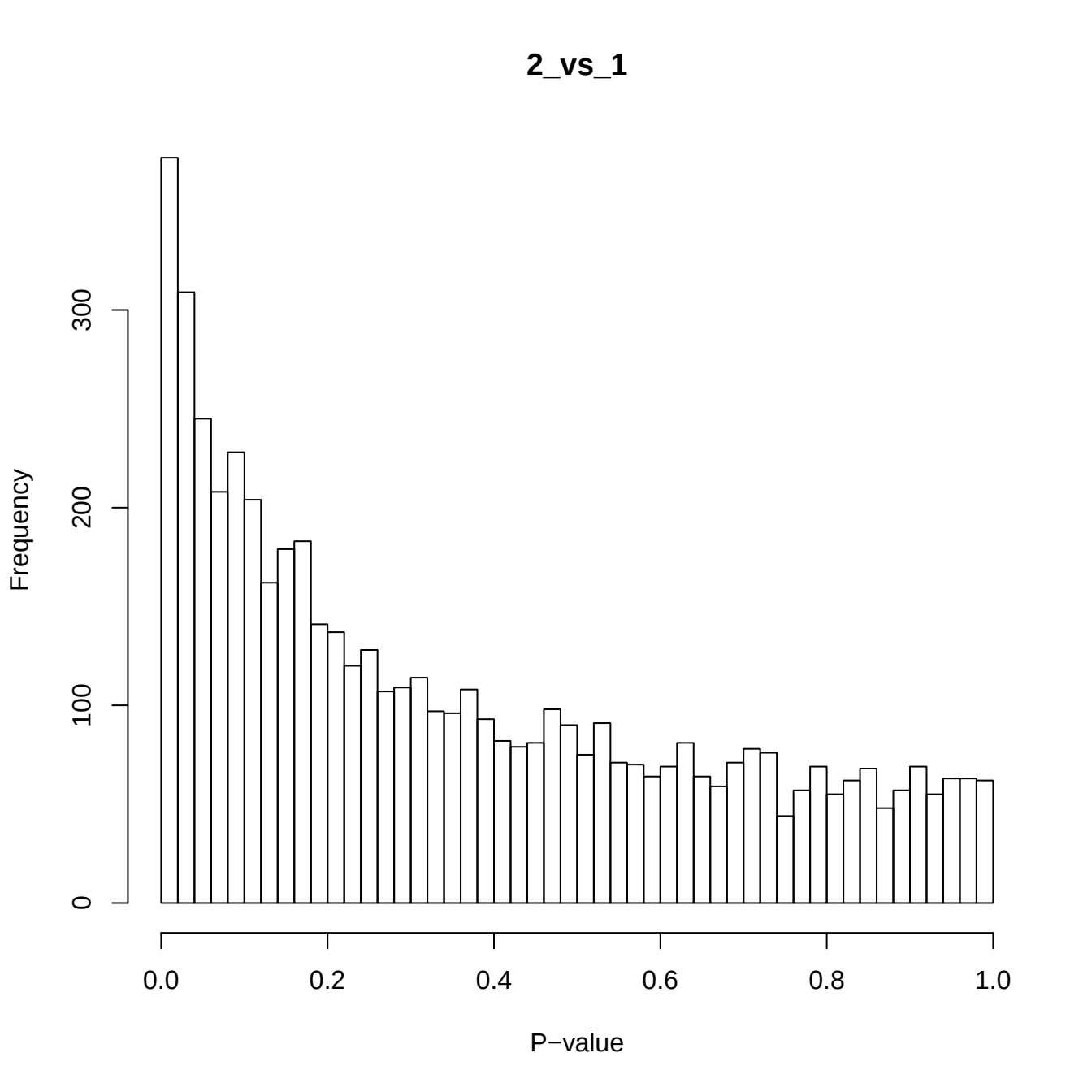

−log10(q−value)
0.0
0.2
0.4
0.6
0.8
−4
−2
0
2
4
log2(2/1)
0
70
140
C.V. (%)


moderated t−test P−VALUES
−log10(p−value)
0
1
2
3
4
−4
−2
0
2
4
log2(2/1)
0
70
140
C.V. (%)


DOWN−REG. FEATURES
2
FEATURES
0.0
0.5
1.0
1.5
2.0
0.00
0.05
0.10
0.15
False Discovery Rate (q−value)
UP−REG. FEATURES
FEATURES
0
1
2
3
4
5
0.00
0.05
0.10
0.15
False Discovery Rate (q−value)


DOWN−REG. FEATURES
2
FEATURES
0
100
200
300
400
500
600
700
0.00
0.05
0.10
0.15
P−value
(moderated t−test)


UP−REG. FEATURES
FEATURES
0
200
400
600
800
1000
0.00
0.05
0.10
0.15
P−value
(moderated t−test)


2_vs_1
Frequency
0
100
200
300
0.0
0.2
0.4
0.6
0.8
1.0
P−value