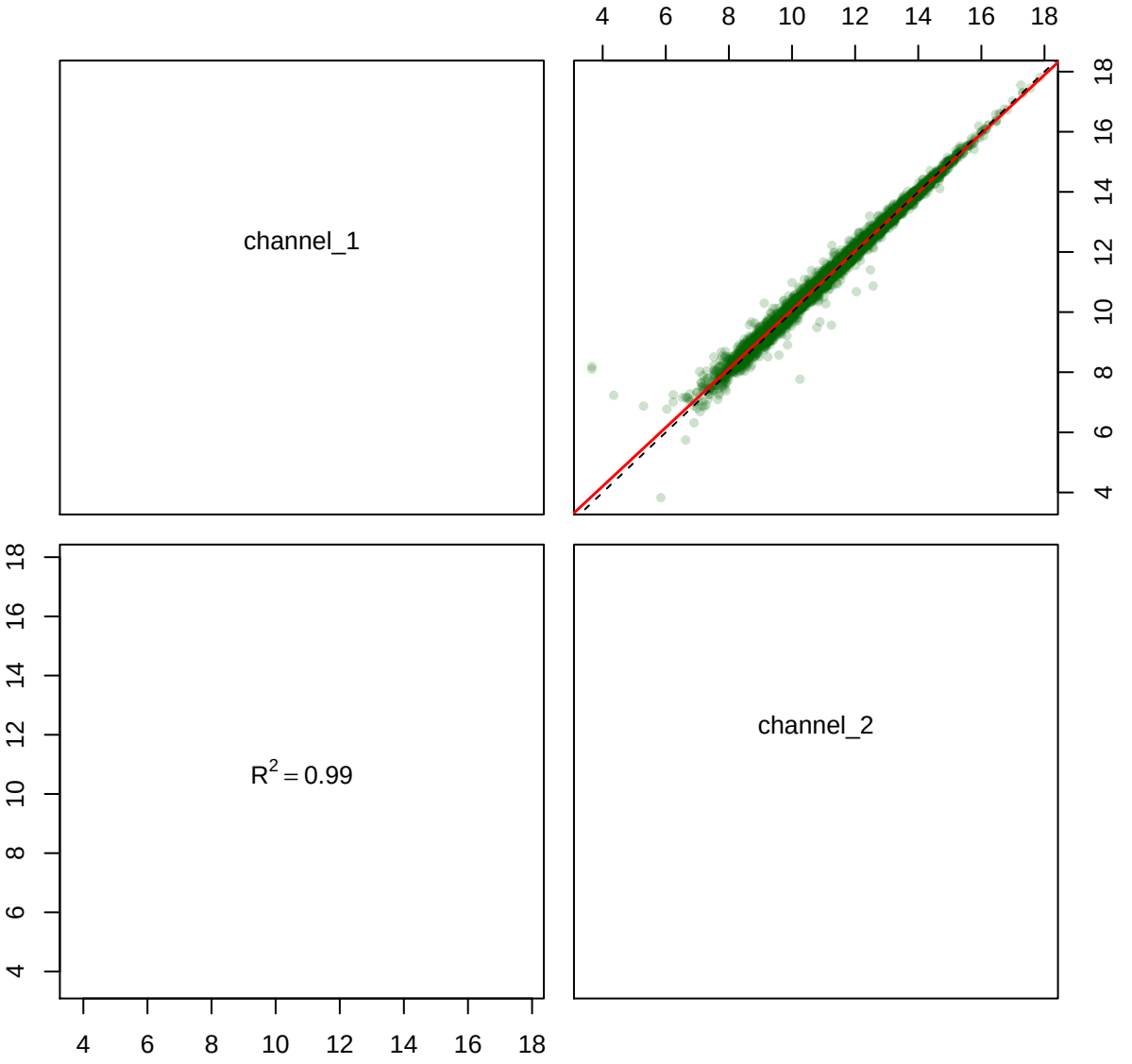
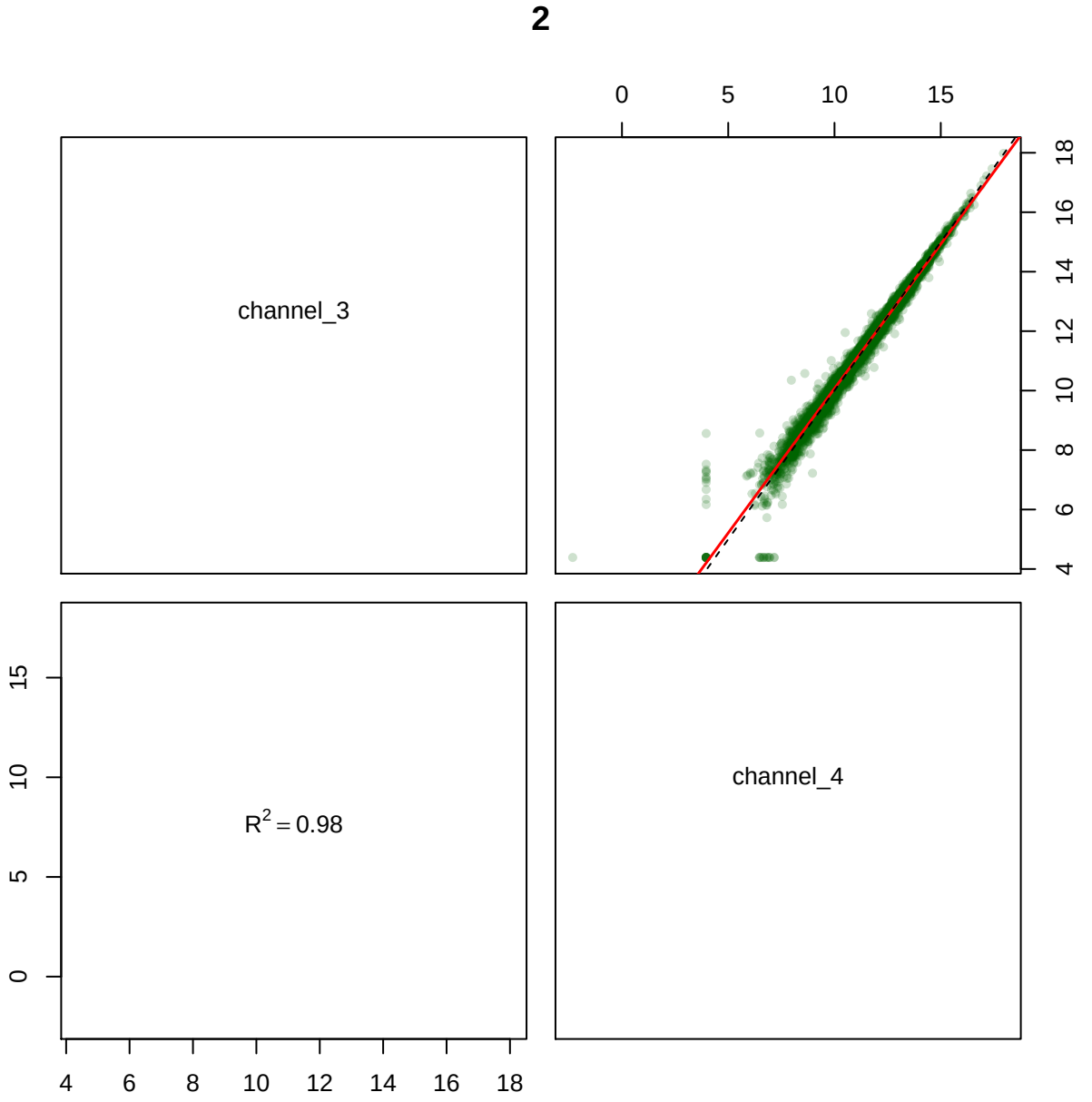
Experimental Design

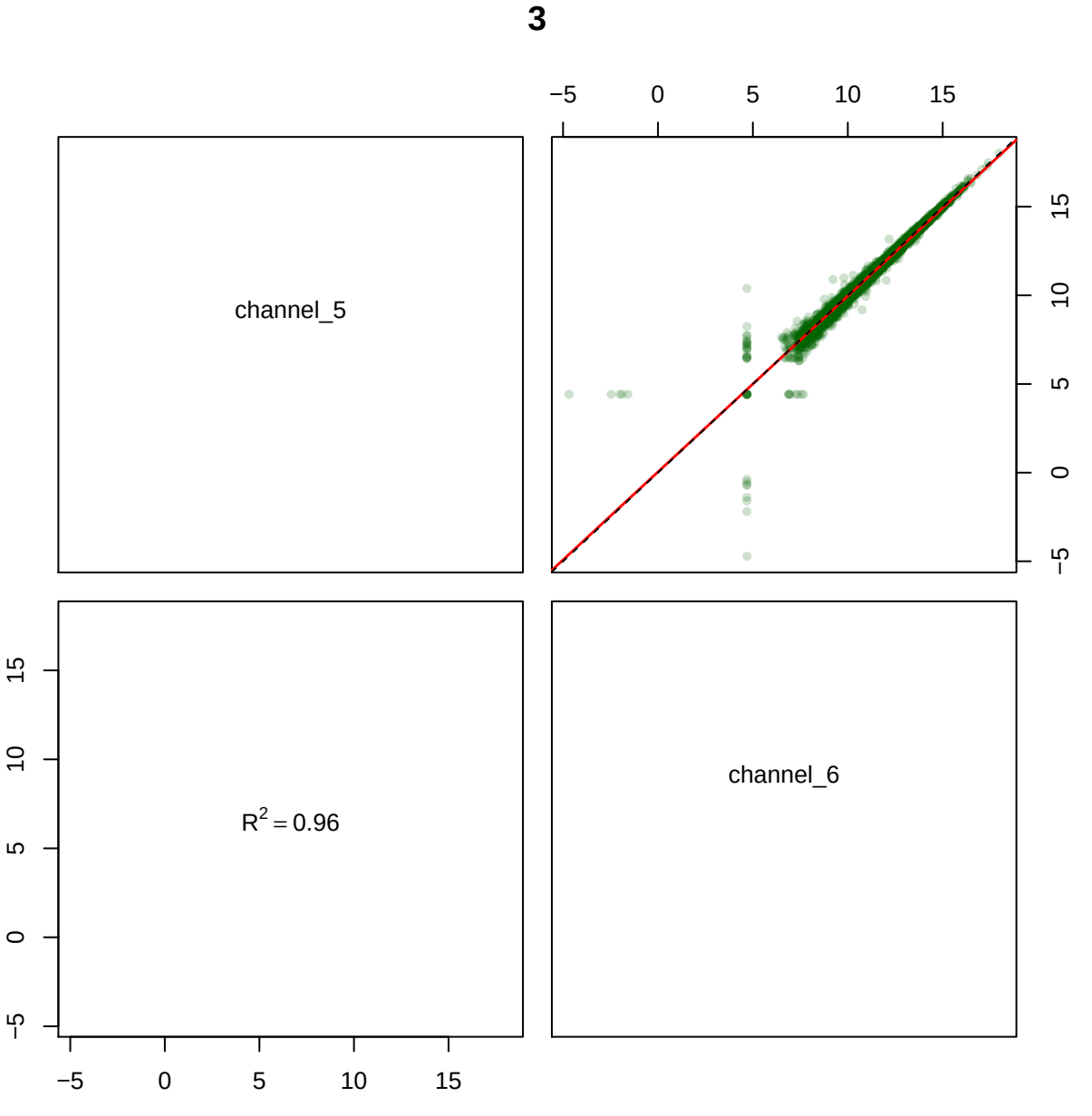
3	6: channel_6
	5: channel_5
2	4: channel_4
	3: channel_3
1	2: channel_2
	1: channel_1

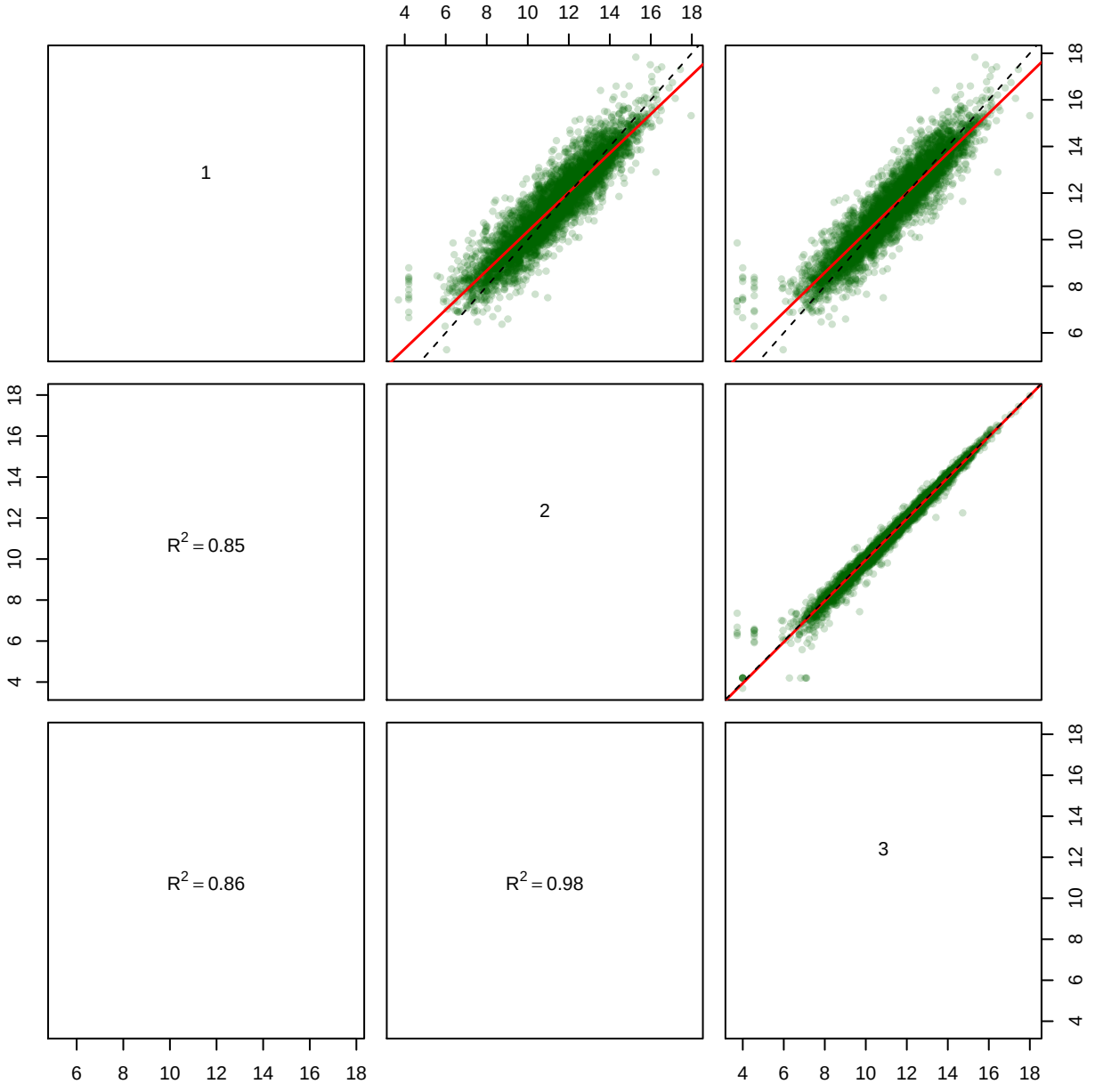
SafeQuant v. 2.0

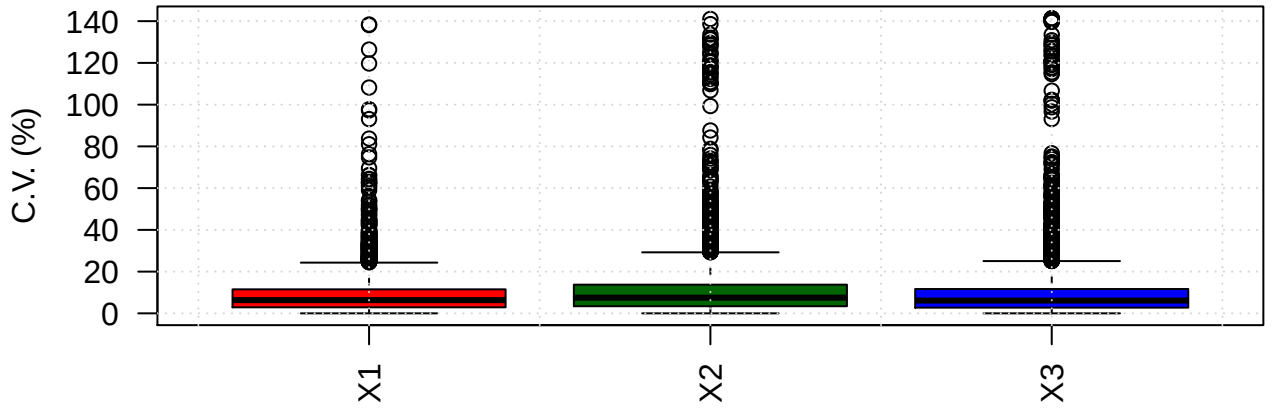
1

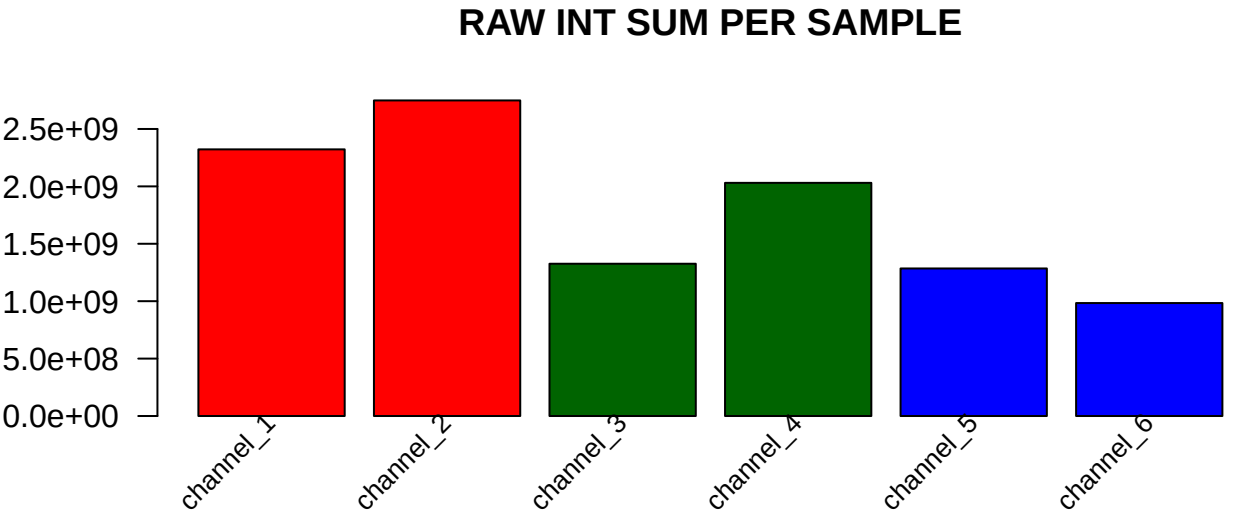


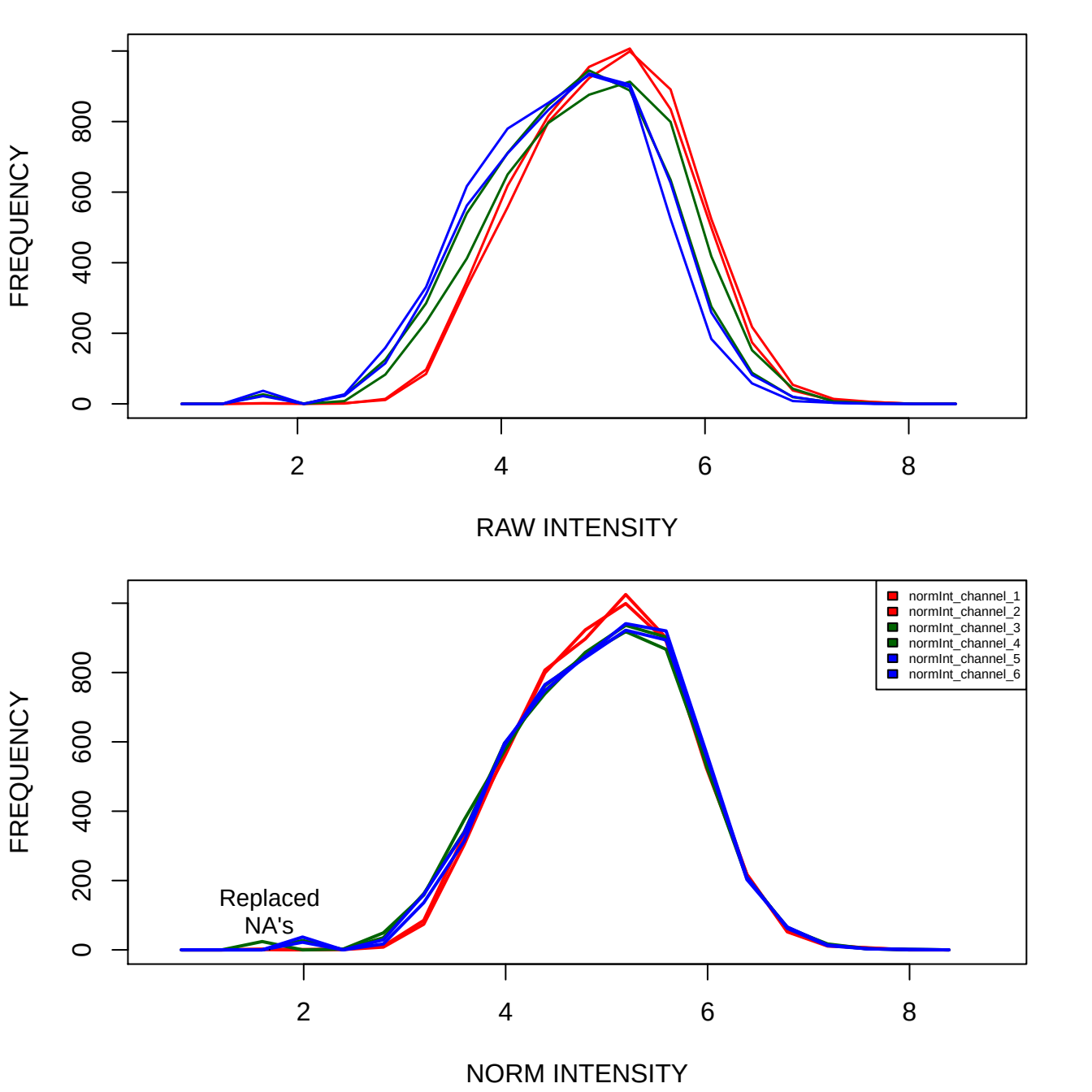

2
channel_3
channel_4
$R^2 = 0.98$
0
5
10
15
4
6
8
10
12
14
16
18

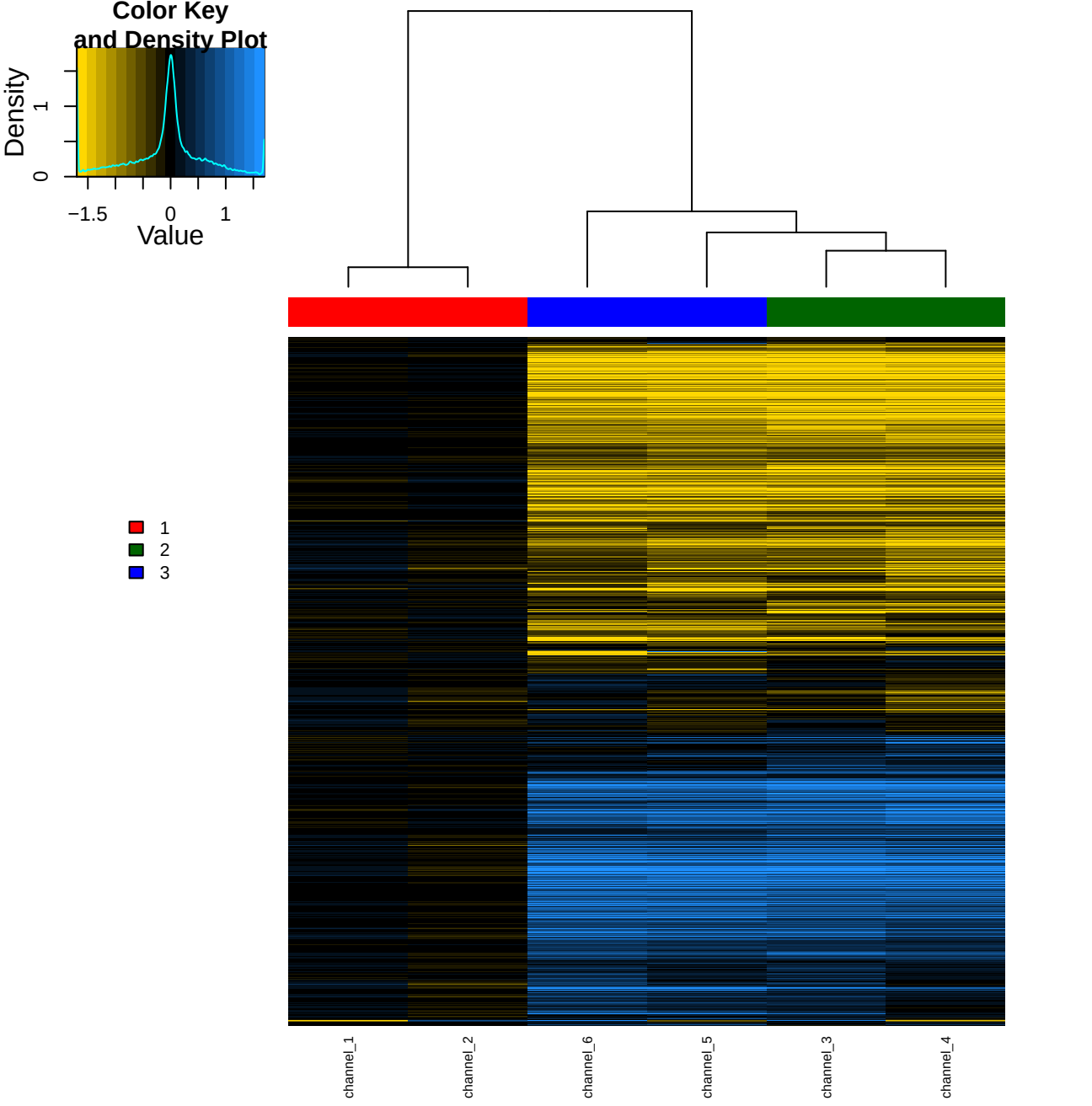

3
channel_5
channel_6
$R^2 = 0.96$
−5
0
5
10
15

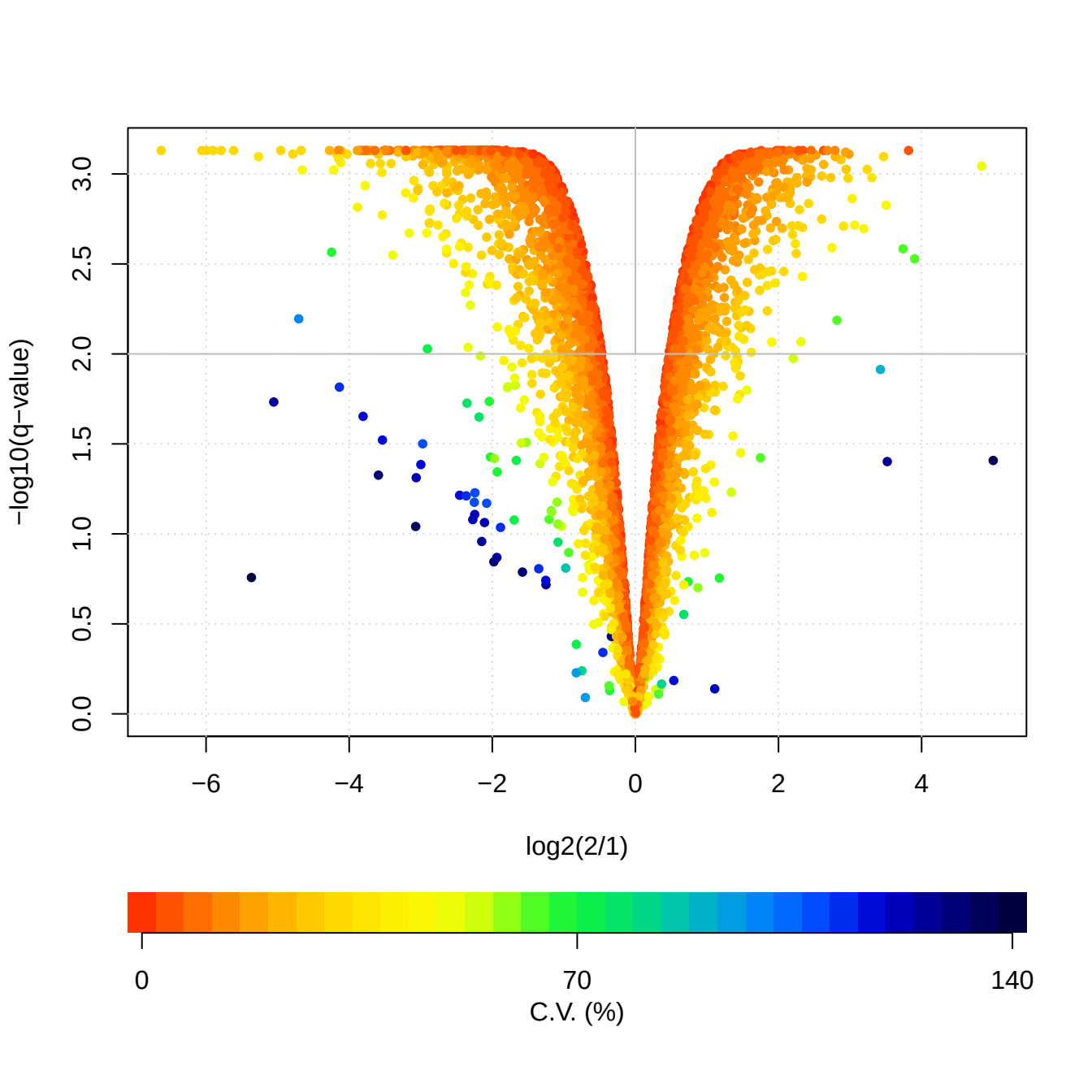

1
2
3
$R^2 = 0.85$
$R^2 = 0.86$
$R^2 = 0.98$
4 6 8 10 12 14 16 18

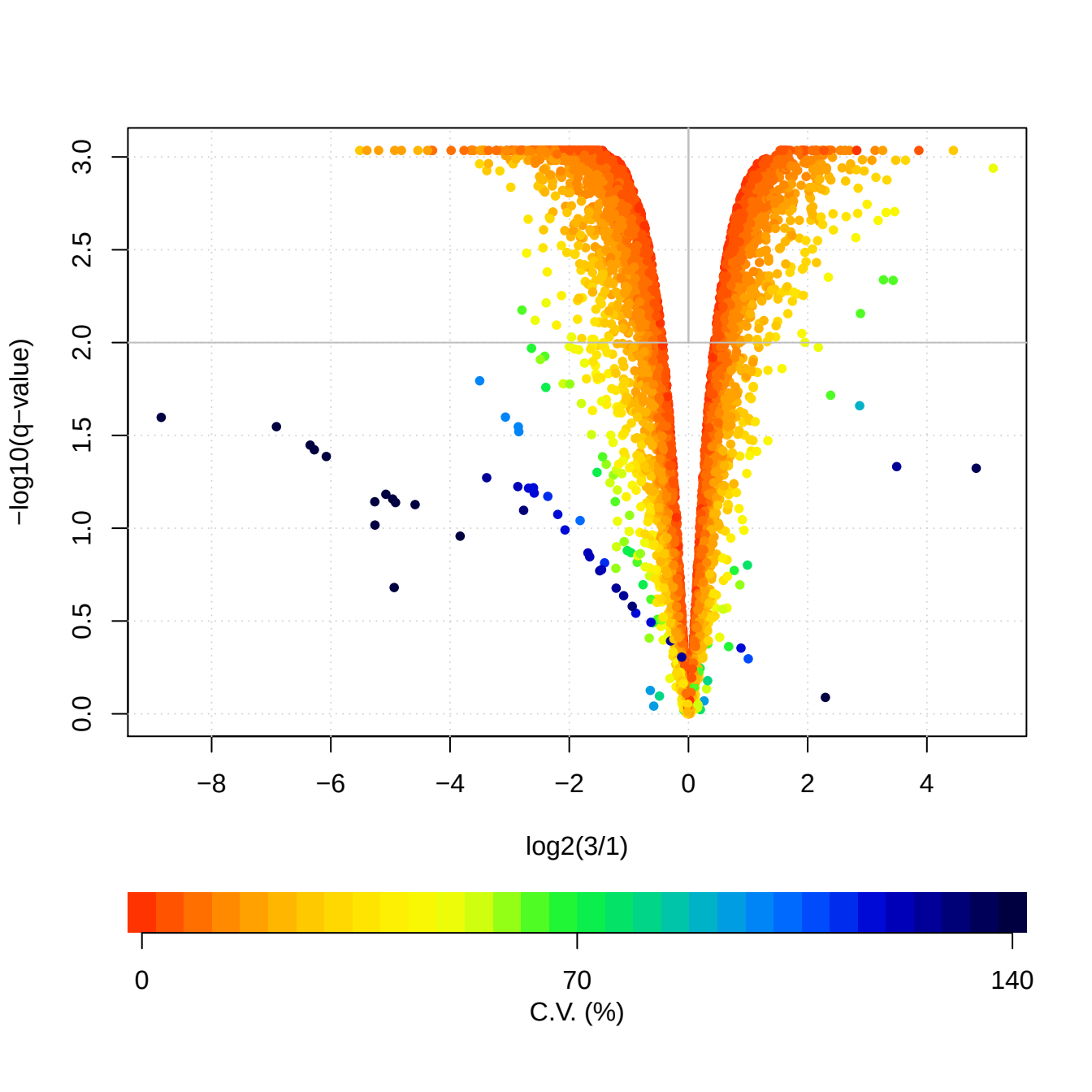

C.V. (%)
140
120
100
80
60
40
20
0
X1
X2
X3

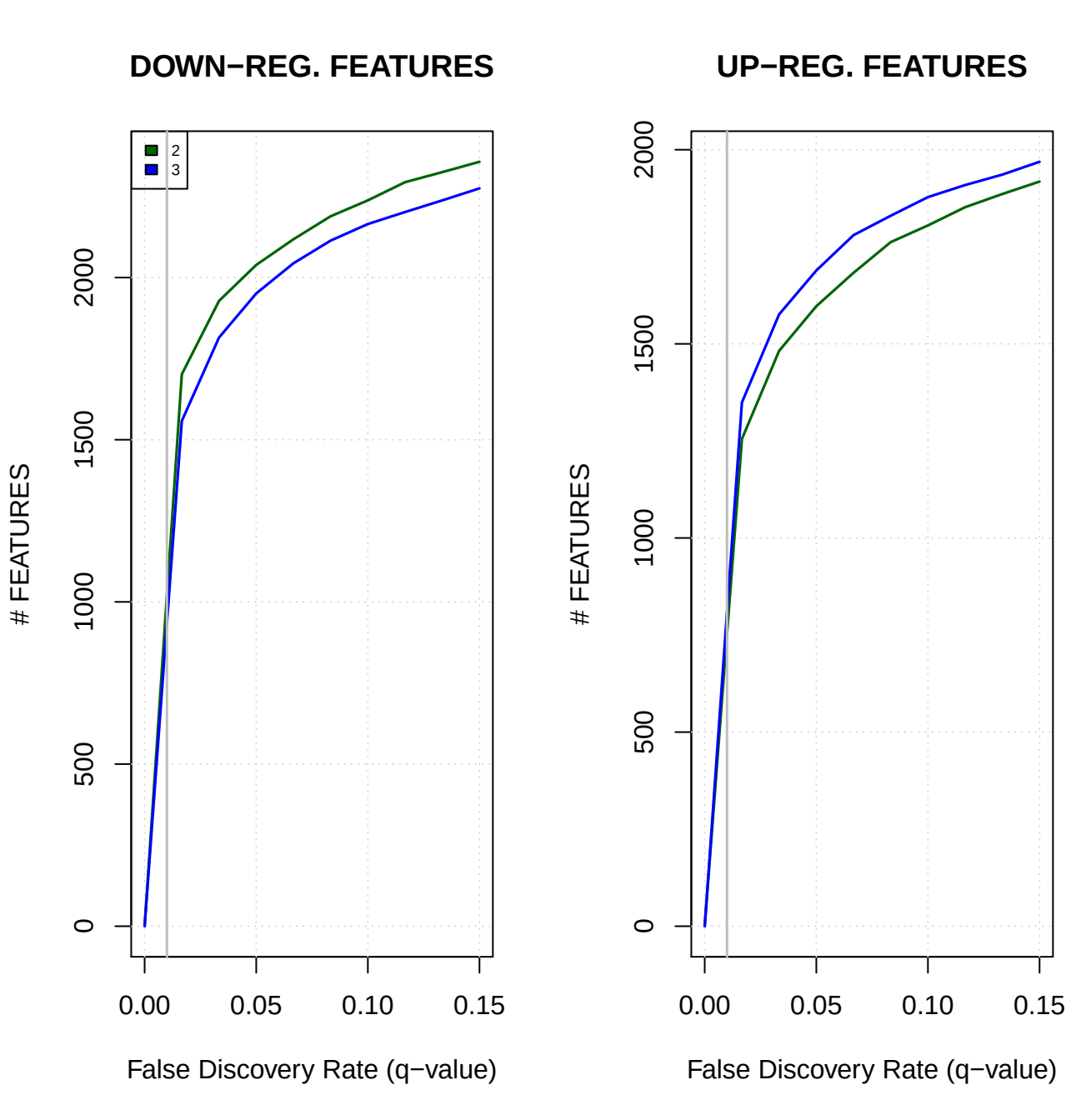

RAW INT SUM PER SAMPLE
2.5e+09
2.0e+09
1.5e+09
1.0e+09
5.0e+08
0.0e+00
channel_1
channel_2
channel_3
channel_4
channel_5
channel_6


FREQUENCY
0
200
400
600
800
2
4
6
8
RAW INTENSITY
normInt_channel_1
normInt_channel_2
normInt_channel_3
normInt_channel_4
normInt_channel_5
normInt_channel_6
Replaced
NA's
NORM INTENSITY


Color Key
and Density Plot
Density
0
1
−1.5
0
1
Value
1
2
3
channel_1
channel_2
channel_6
channel_5
channel_3
channel_4


−log10(q−value)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−6
−4
−2
0
2
4
log2(2/1)
0
70
140
C.V. (%)


−log10(q−value)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−8
−6
−4
−2
0
2
4
log2(3/1)
0
70
140
C.V. (%)


DOWN−REG. FEATURES
UP−REG. FEATURES
2
3
FEATURES
0
500
1000
1500
2000
0.00
0.05
0.10
0.15
False Discovery Rate (q−value)