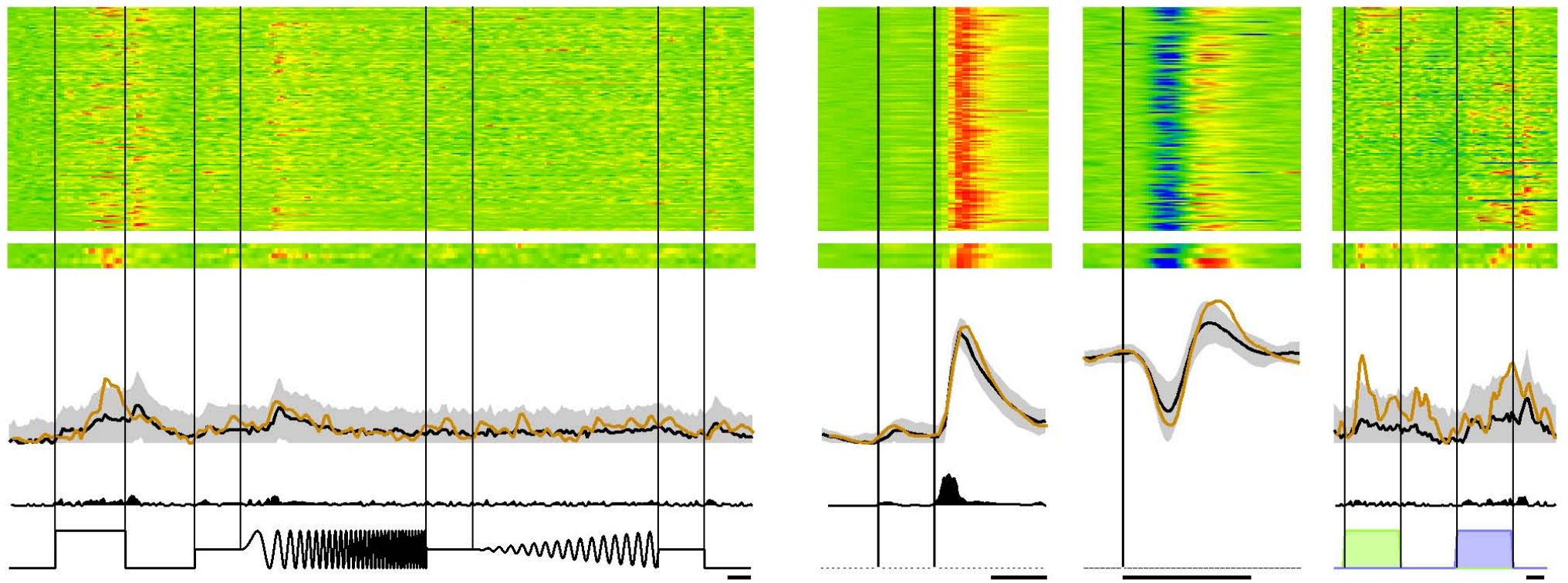
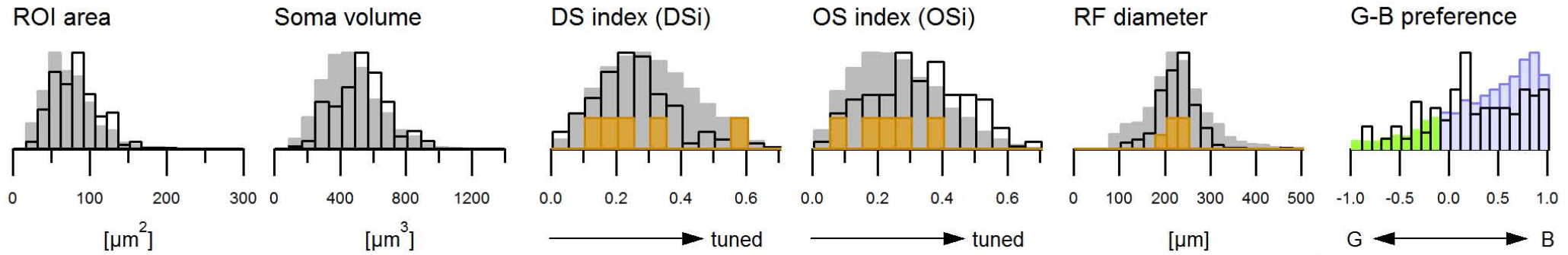


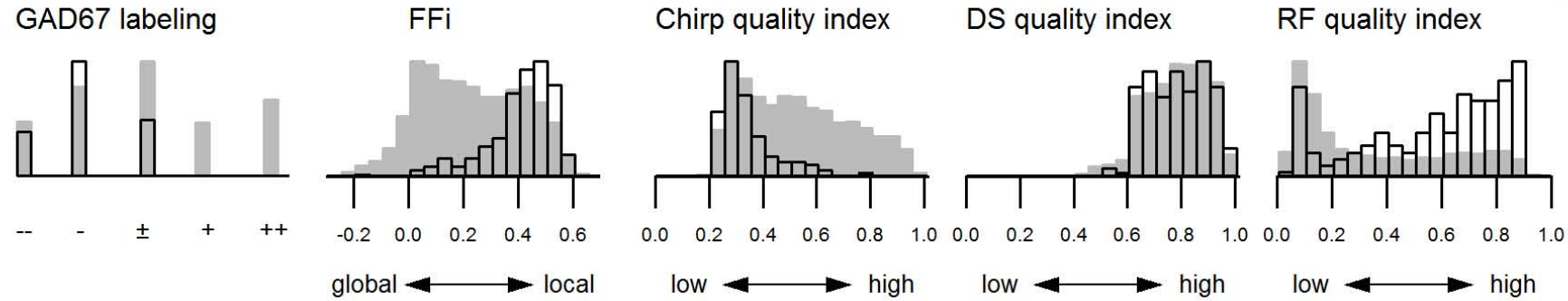
SFig. 3-1 a



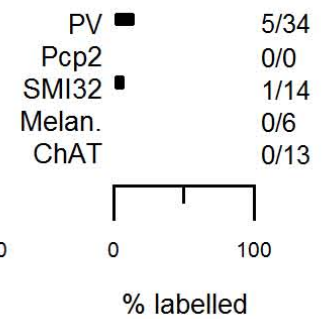
b



c



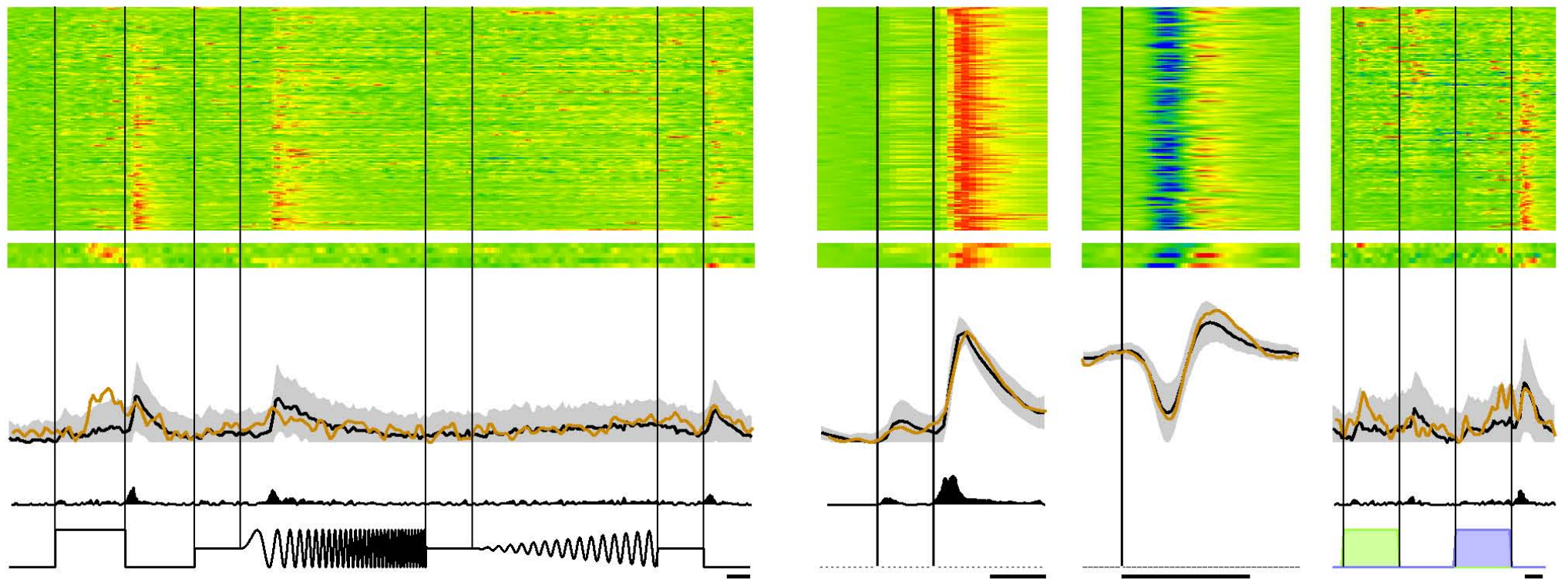
d



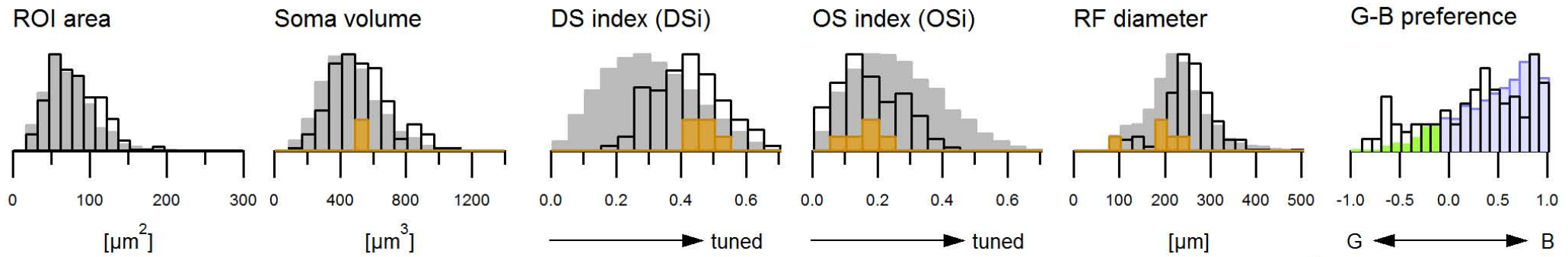
Group 1 OFF local, OS

n = 143 Cells, 1.79%, (2.85% of RGCs); CF: 2.48

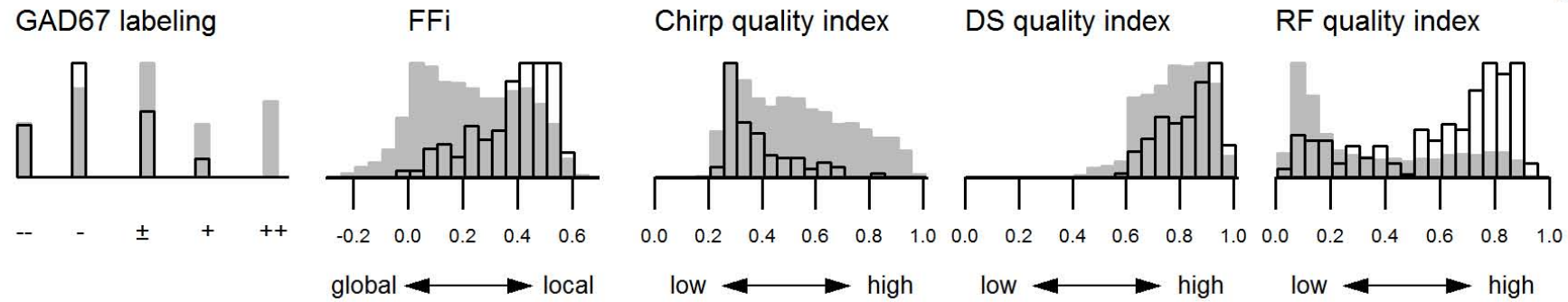
SFig. 3-2 a



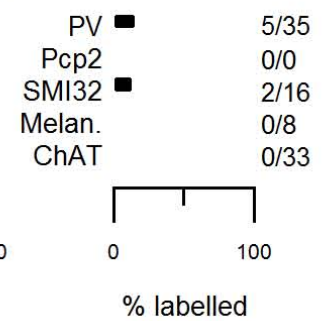
b



c



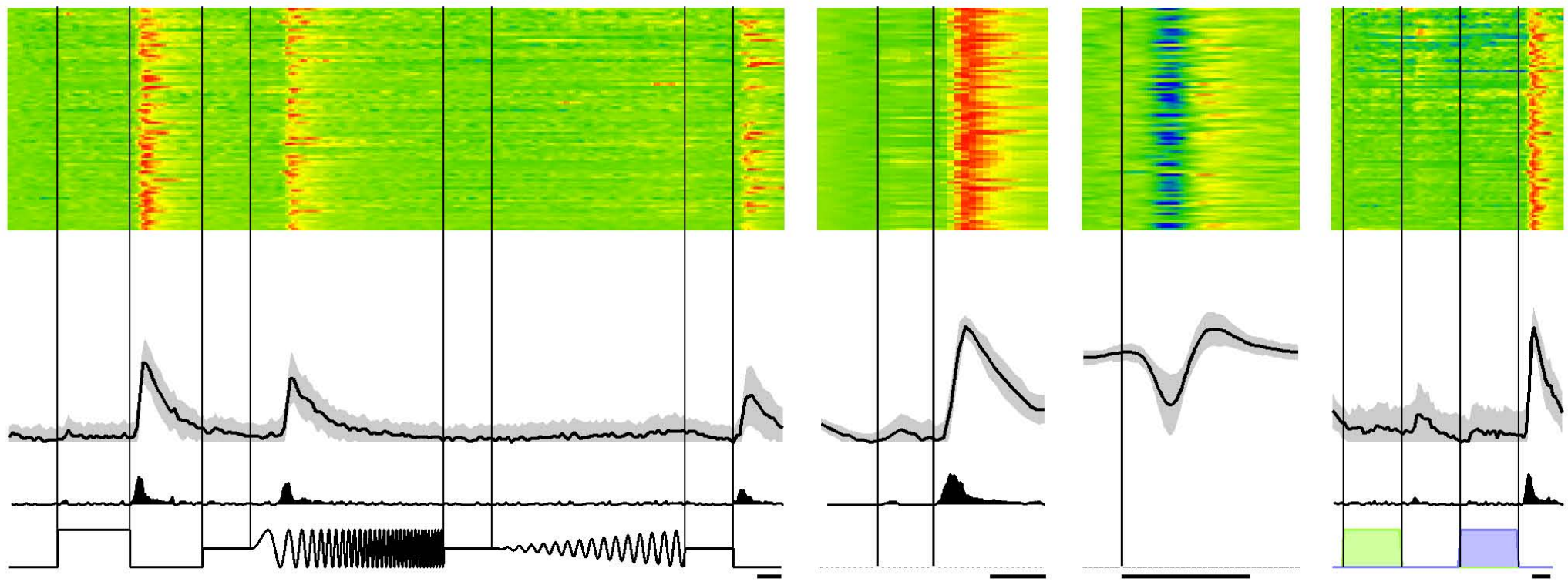
d



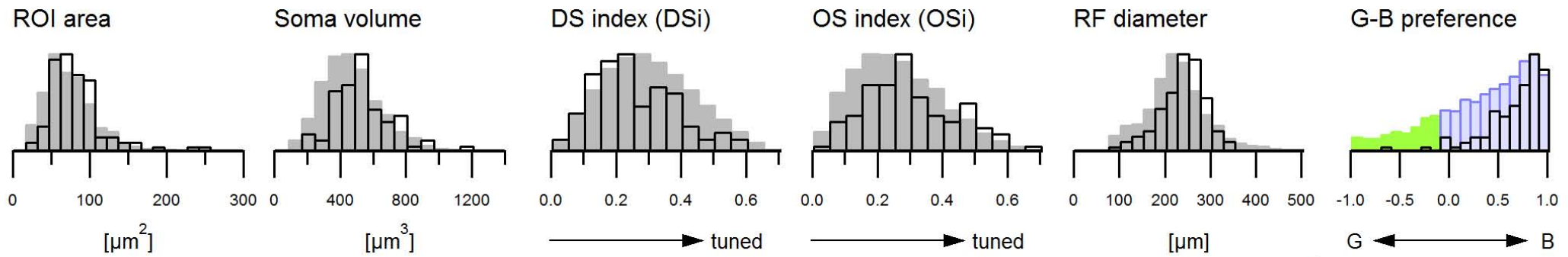
Group 2 OFF DS

n = 162 Cells, 2.03%, (3.22% of RGCs); CF: 3.35

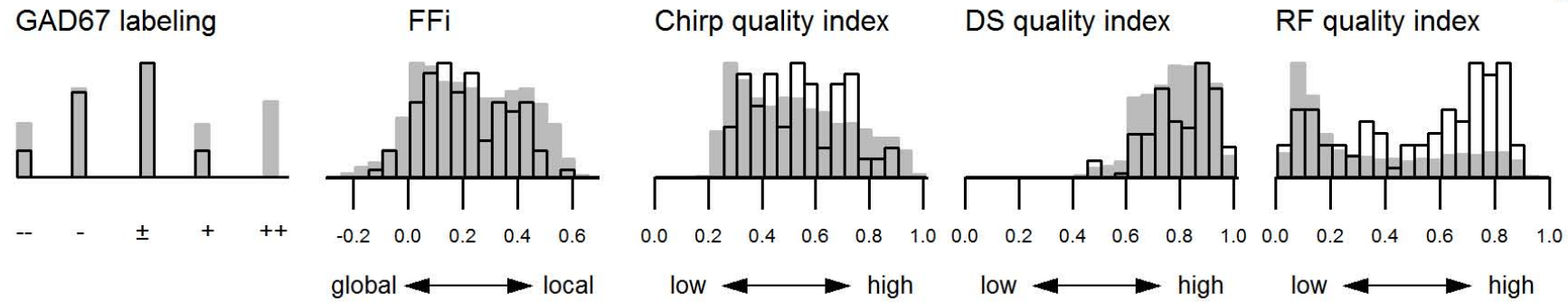
SFig. 3-3 a



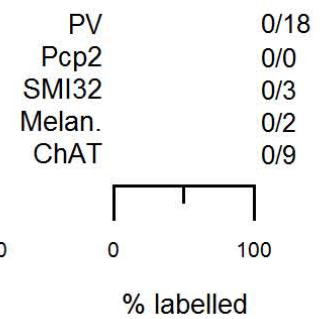
b



c



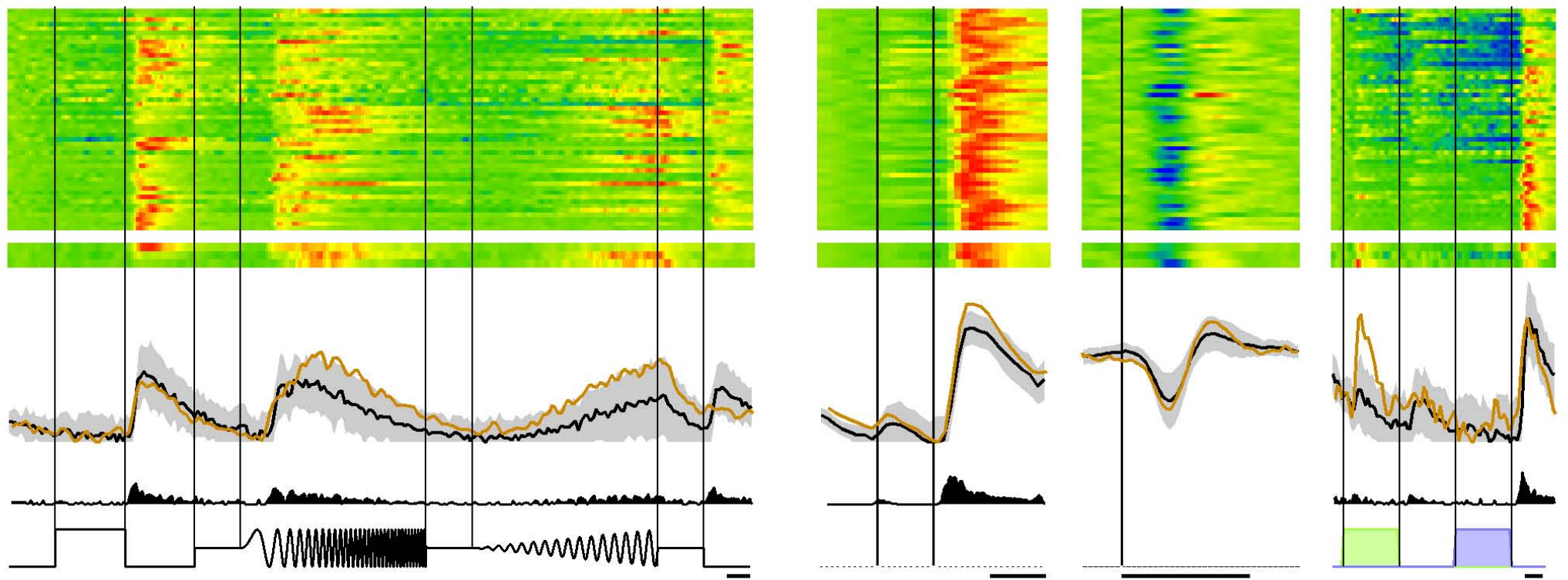
d



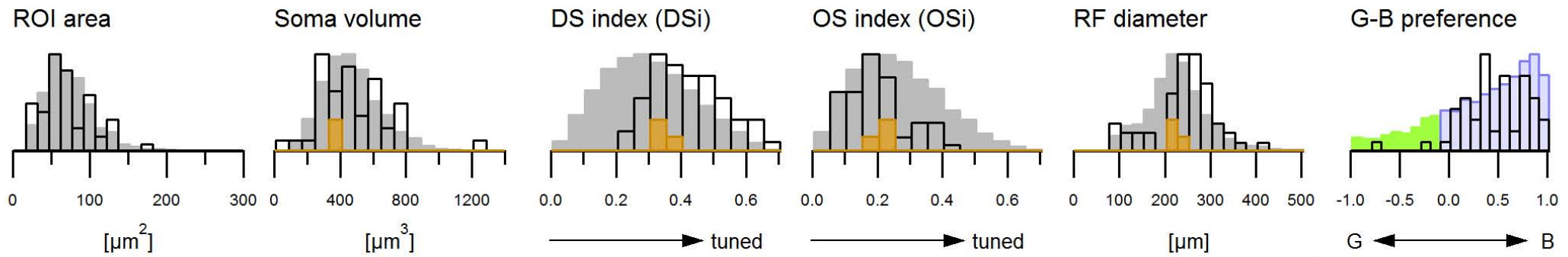
Group 3 OFF step

n = 86 Cells, 1.08%, (1.71% of RGCs); CF: 1.64

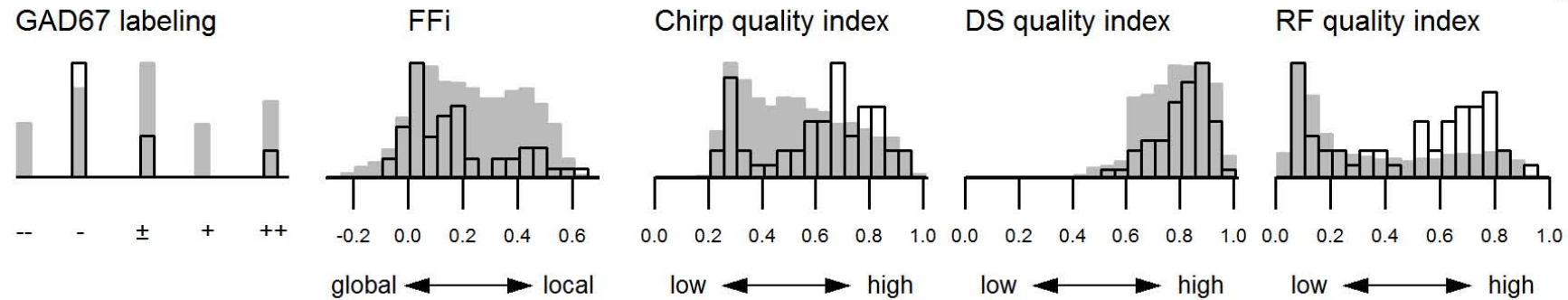
SFig. 3-4 a



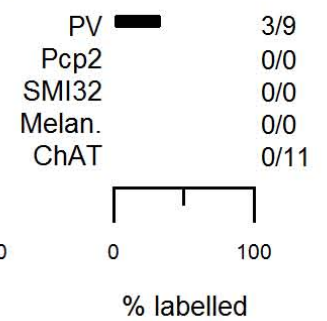
b



c



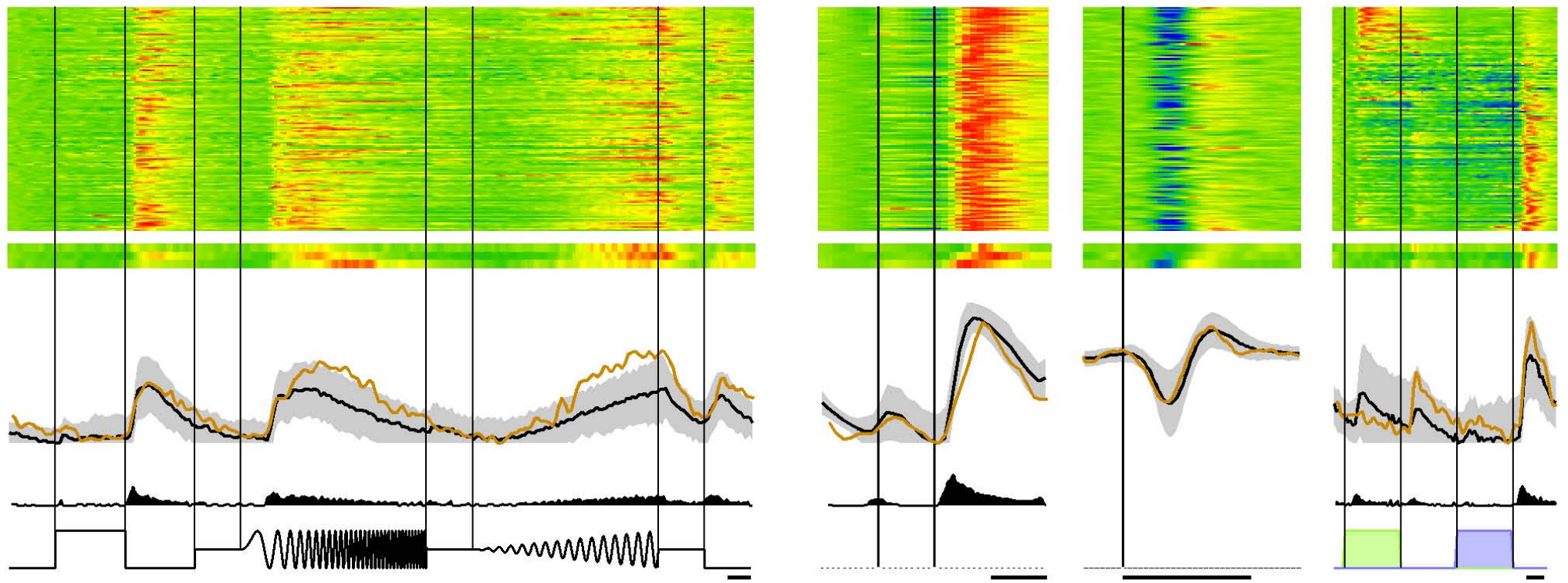
d



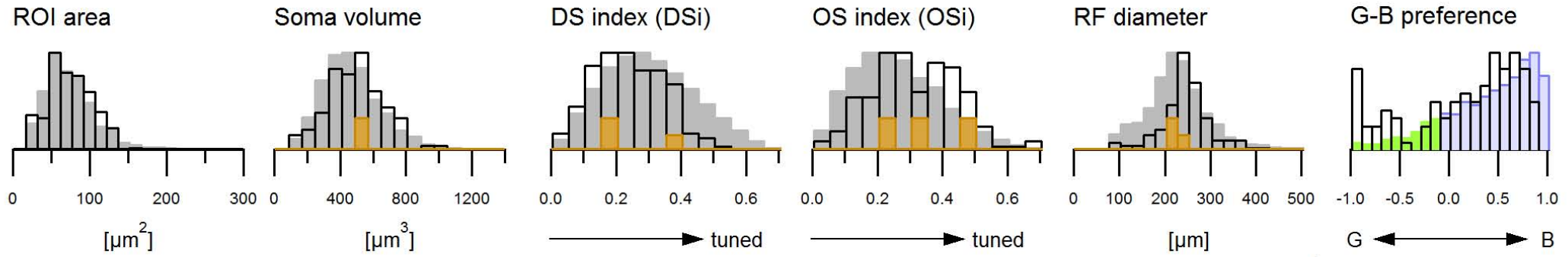
Group 4 OFF slow (a)

n = 50 Cells, 0.63%, (1% of RGCs); CF: 1.11

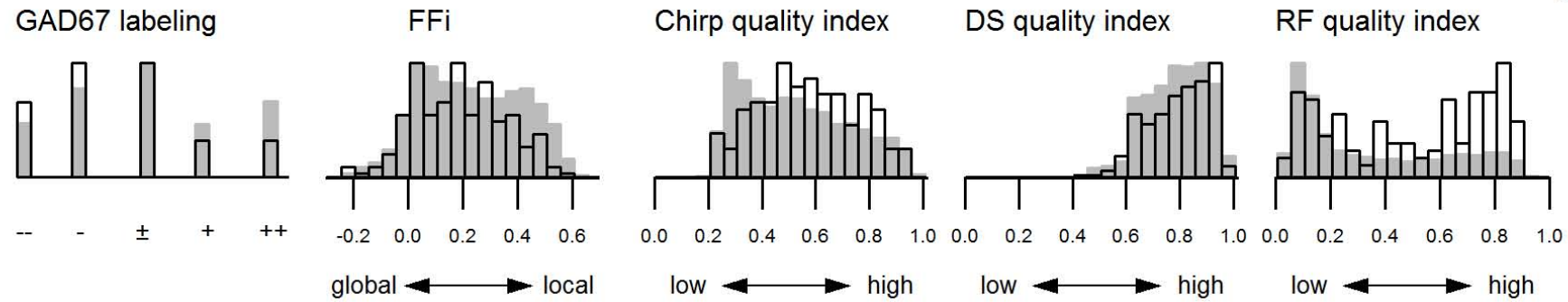
SFig. 3-5 a



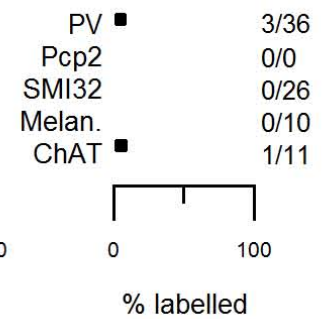
b



c



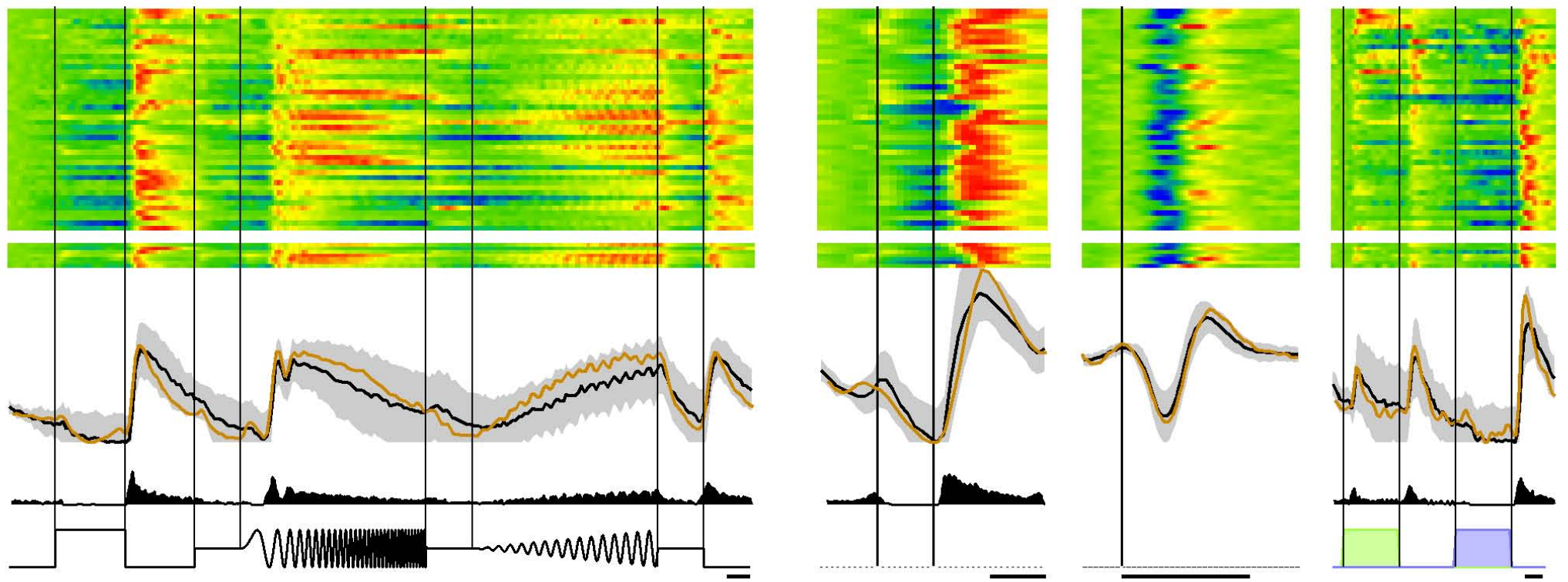
d



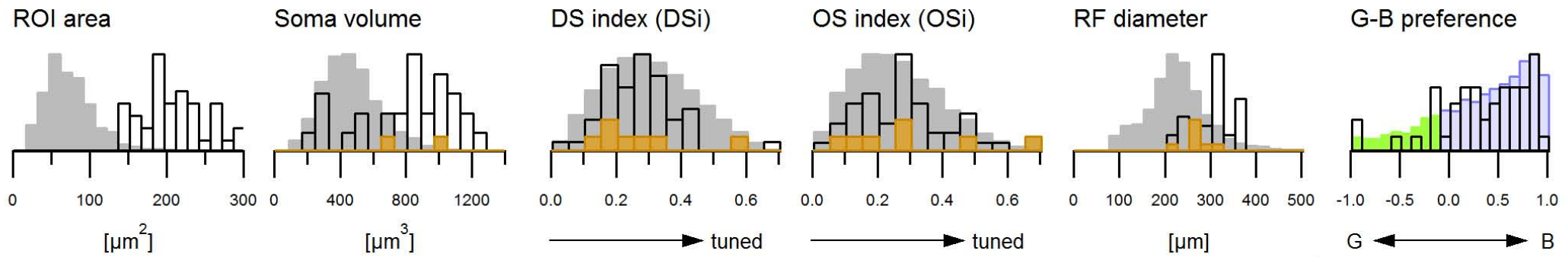
Group 4 OFF slow (b)

n = 136 Cells, 1.7%, (2.71% of RGCs); CF: 2.68

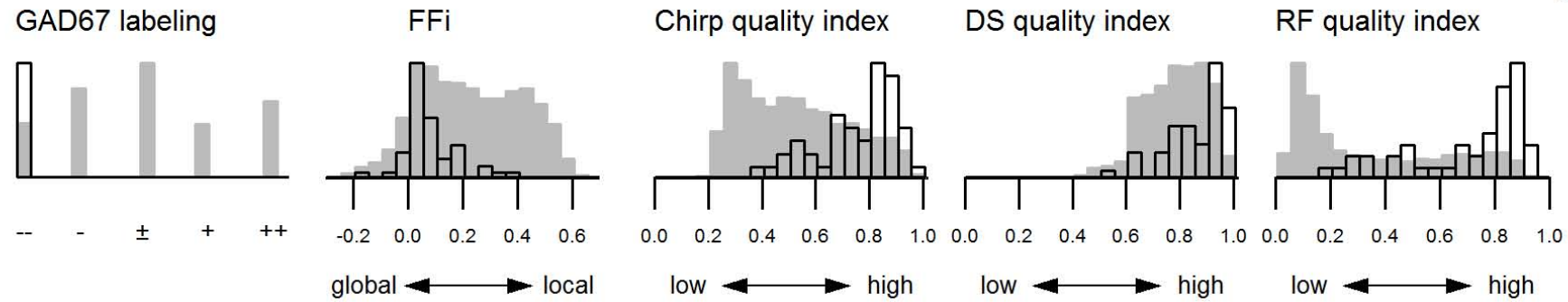
SFig. 3-6 a



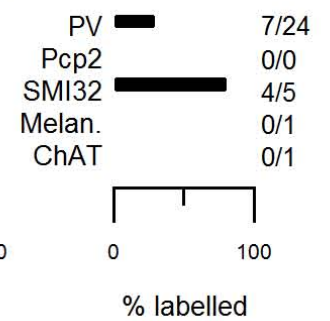
b



c

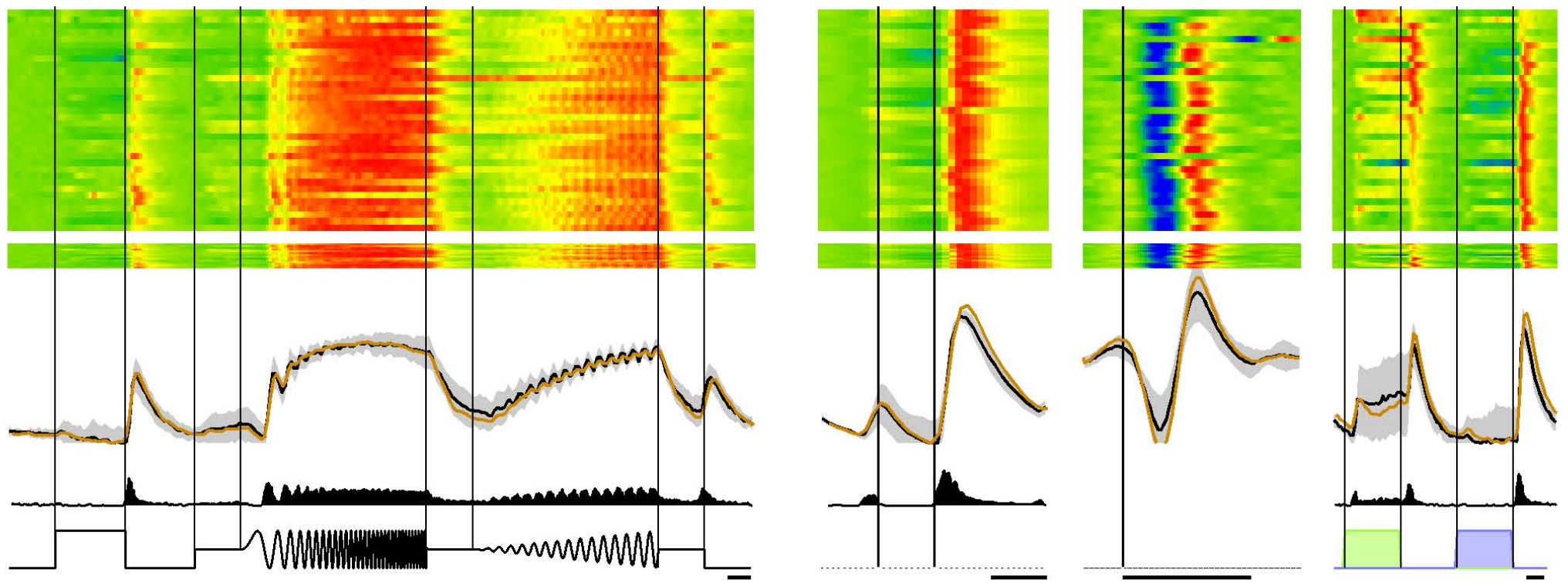


d

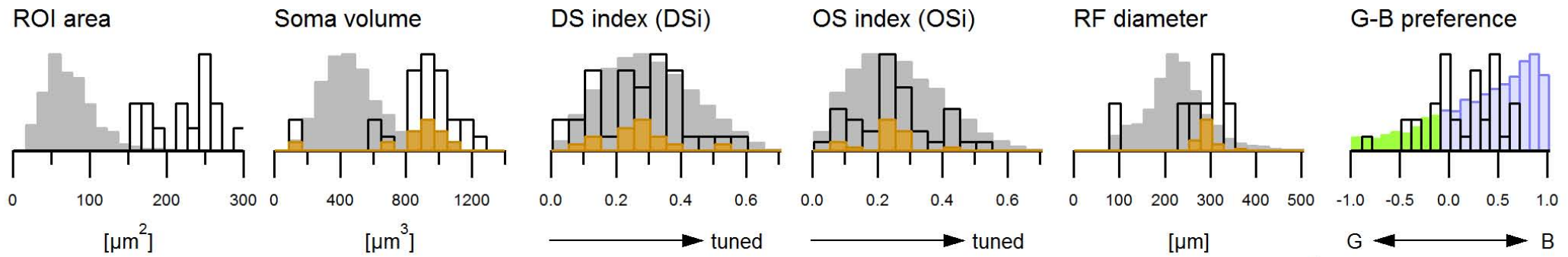


Group 5 OFF alpha sust. (a)
 n = 44 Cells, 0.55%, (0.88% of RGCs); CF: 1.21

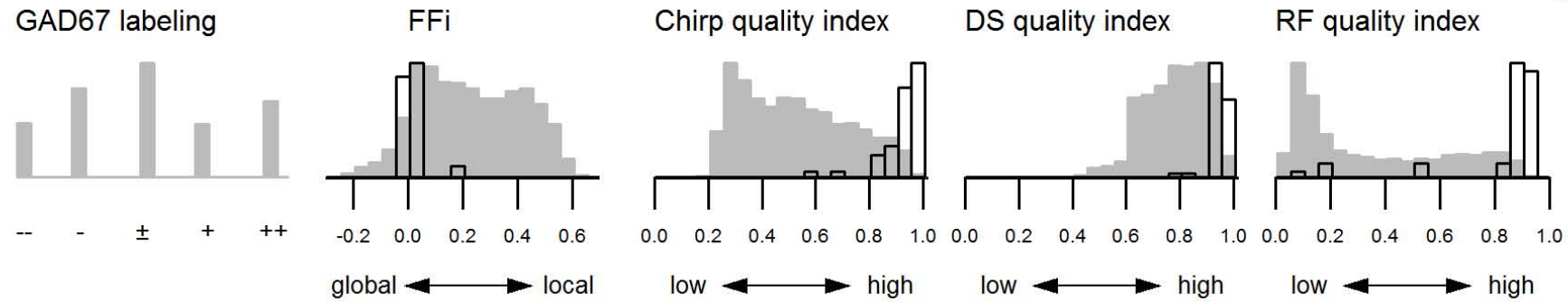
SFig. 3-7 a



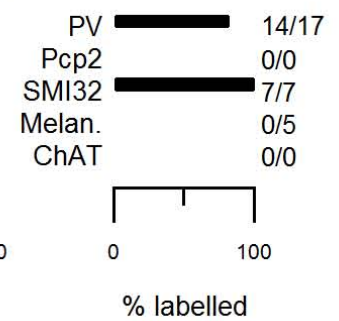
b



c

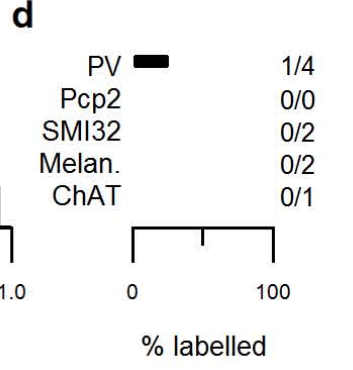
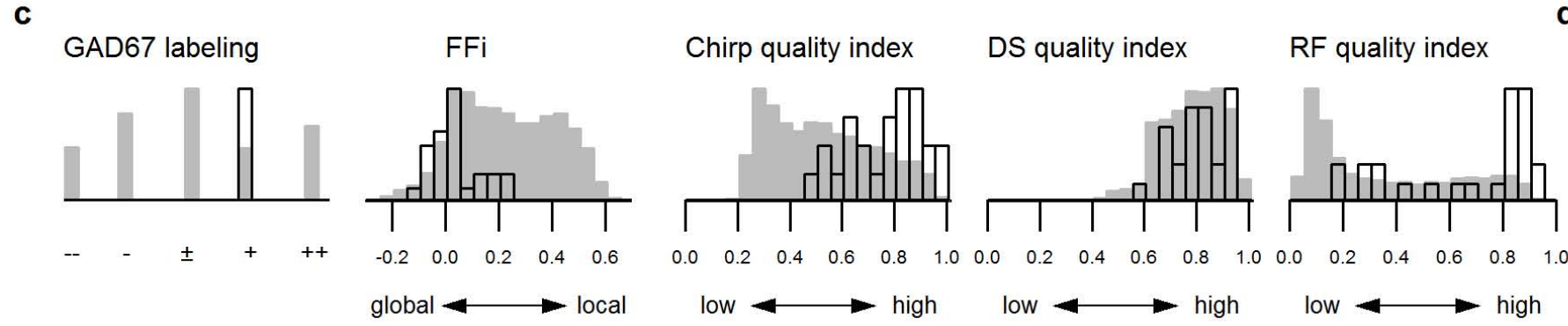
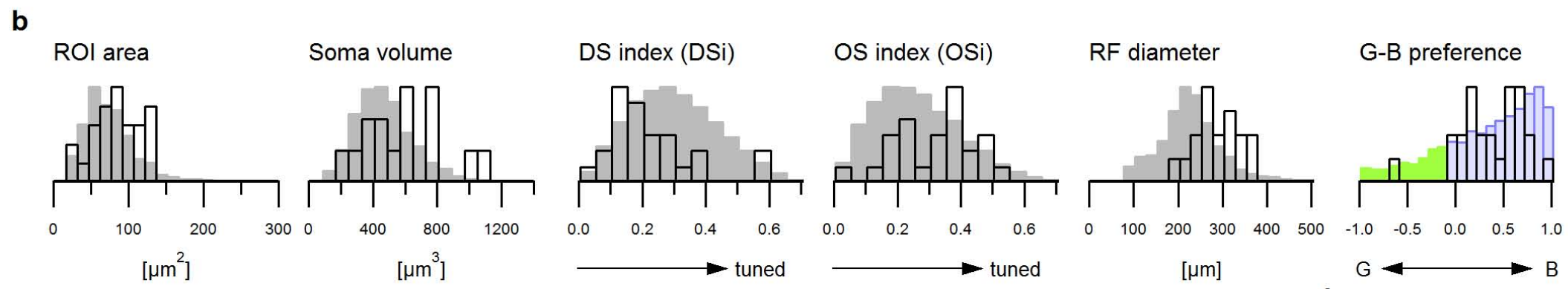
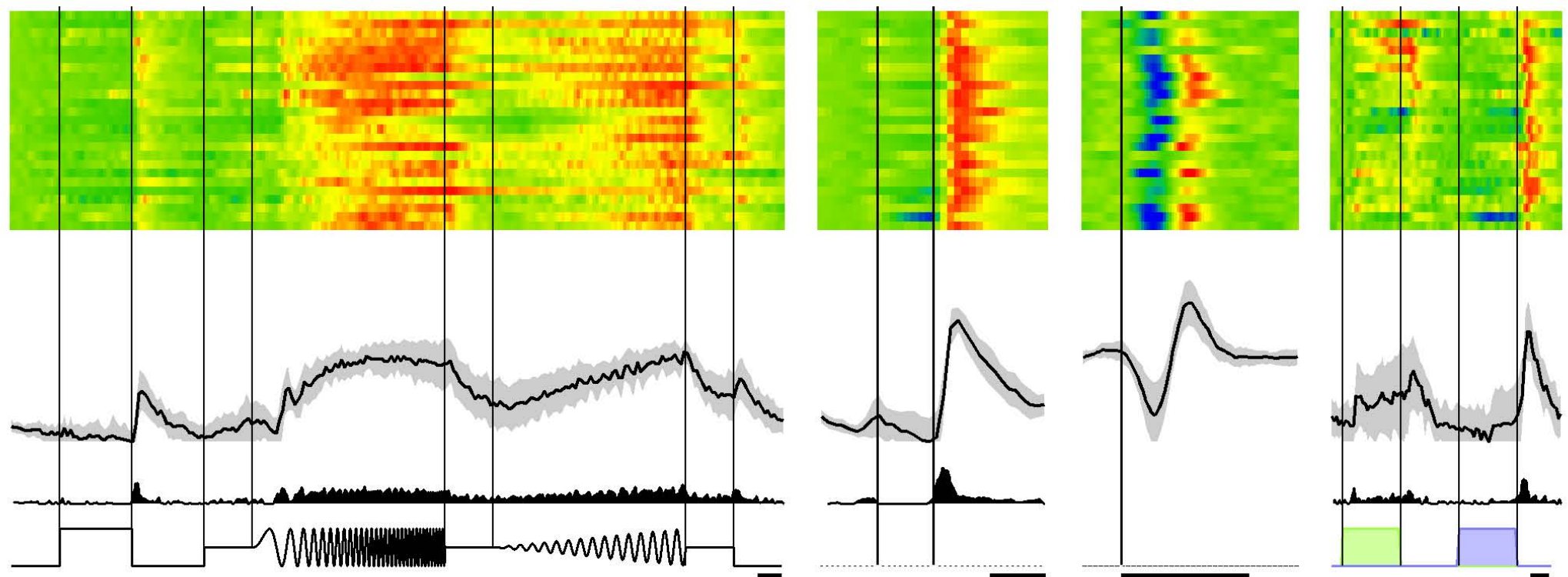


d



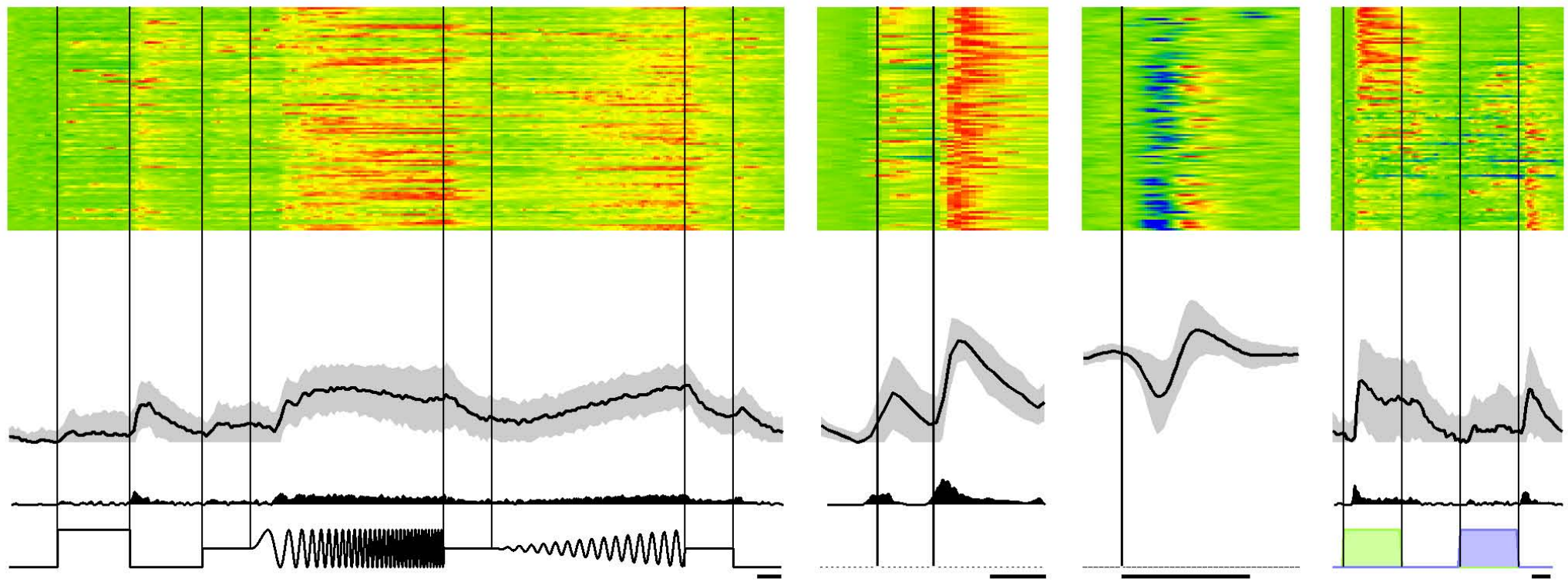
Group 5 OFF alpha sust. (b)
 n = 34 Cells, 0.43%, (0.68% of RGCs); CF: 1.11

SFig. 3-8 a

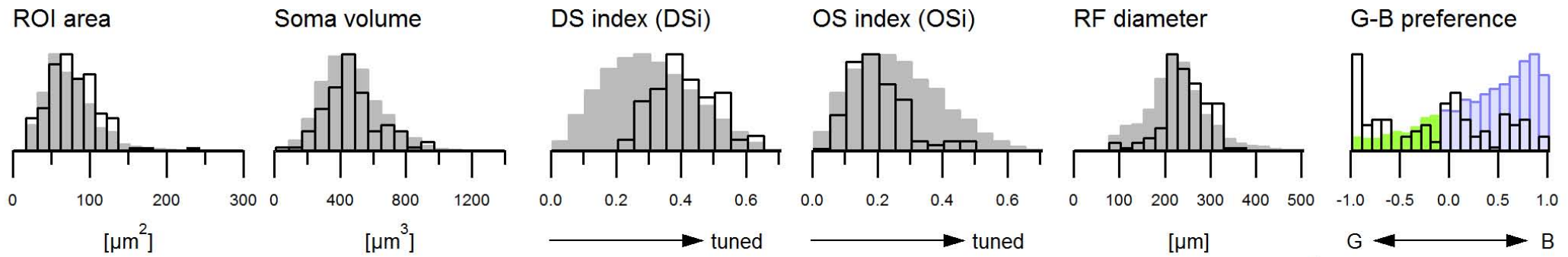


Group 5 OFF alpha sust. (c)
 n = 25 Cells, 0.31%, (0.5% of RGCs); CF: 0.64

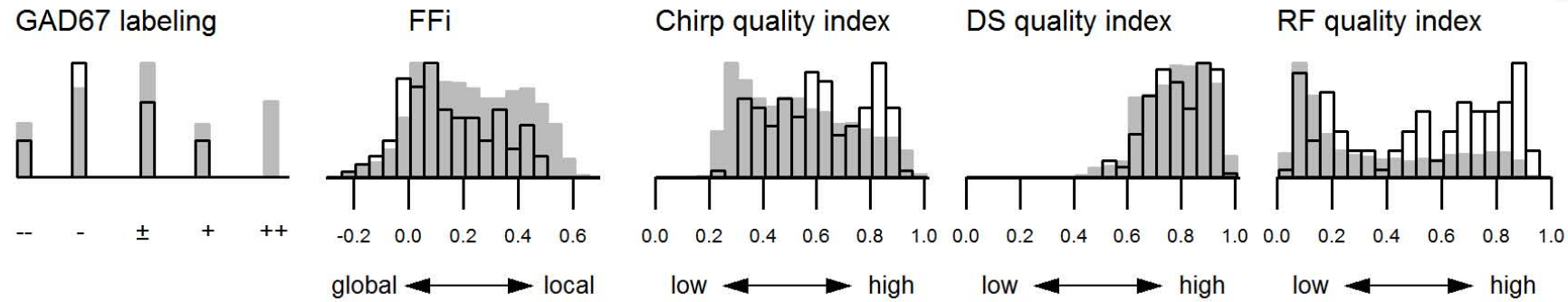
SFig. 3-9 a



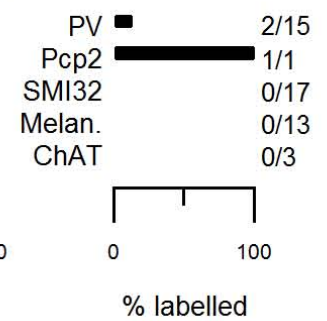
b



c

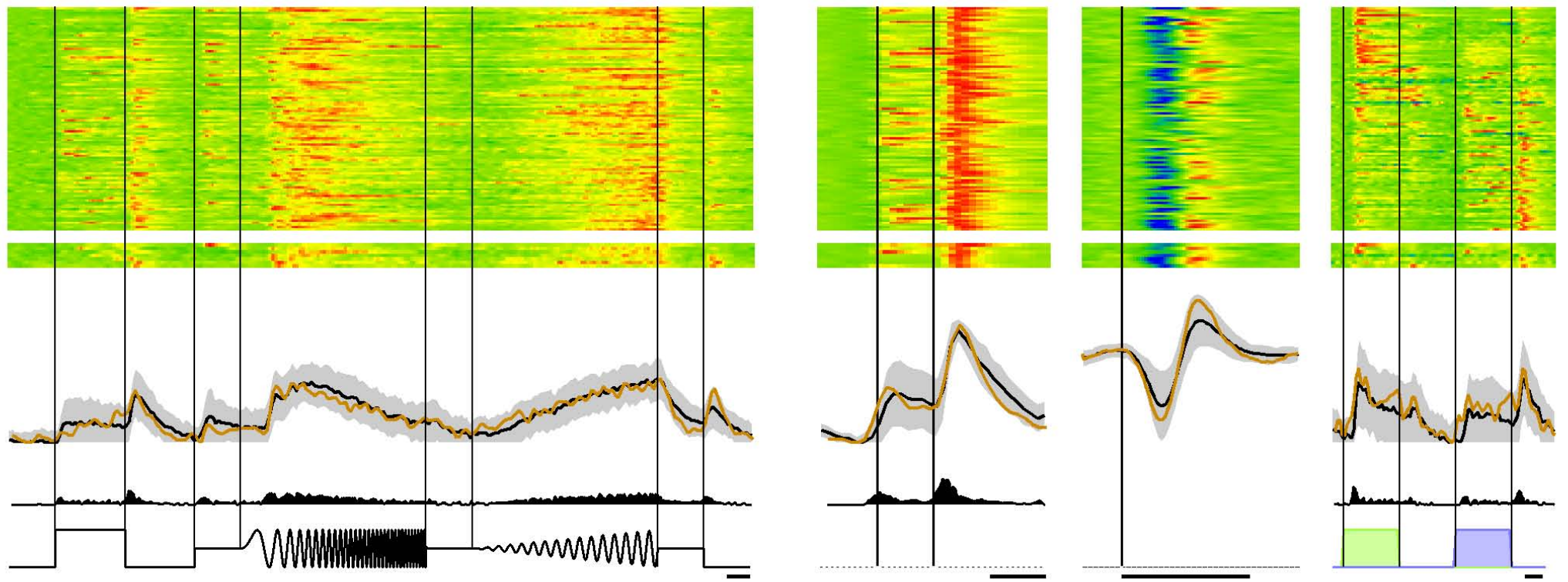


d

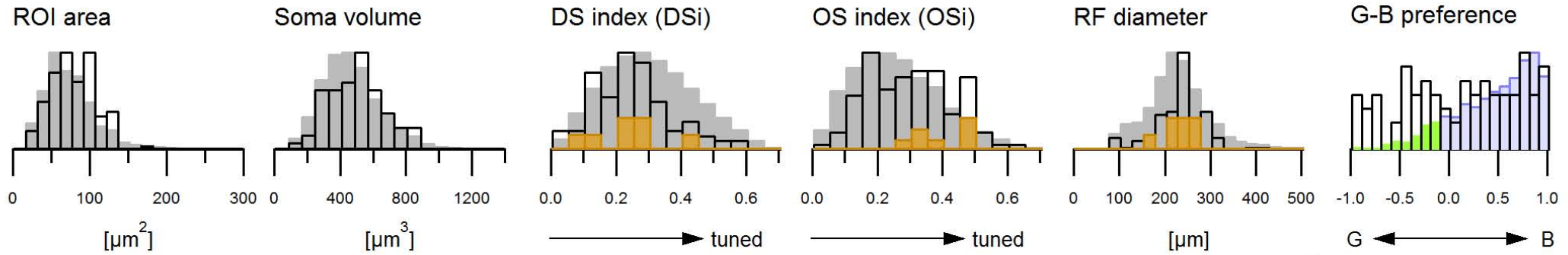


Group 6 (ON-)OFF "JAM-B" mix
 n = 104 Cells, 1.3%, (2.07% of RGCs); CF: 2.03

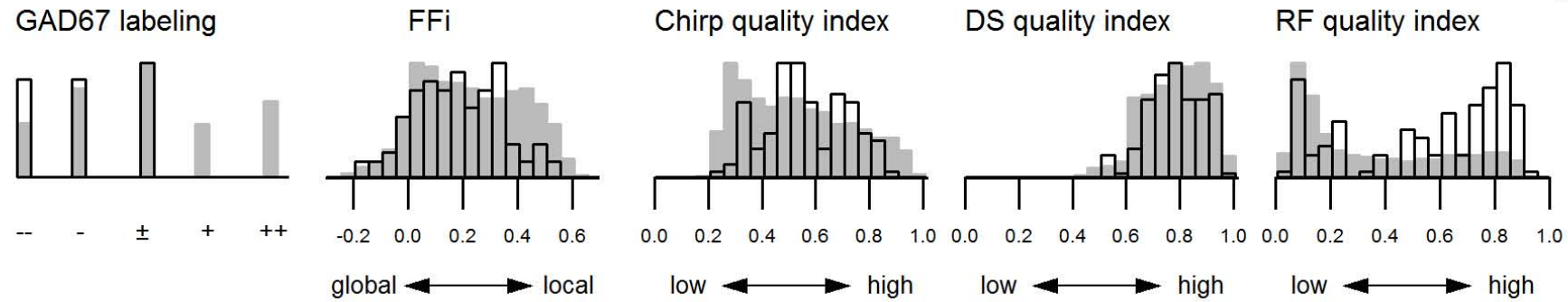
SFig. 3-10 a



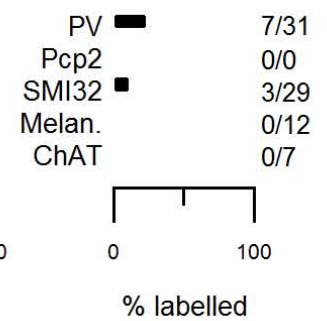
b



c



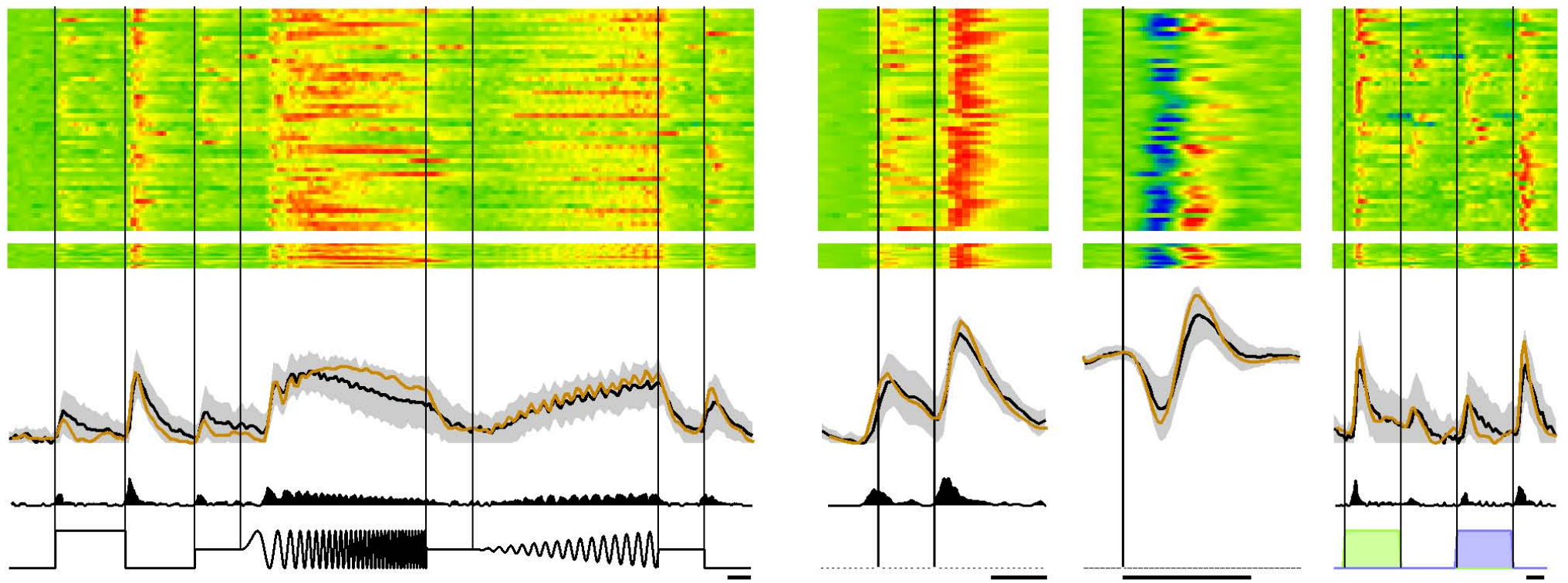
d



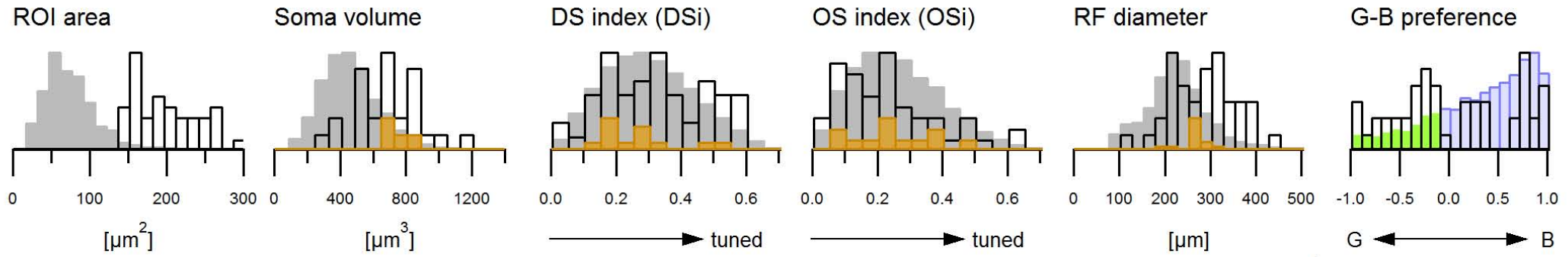
Group 7 OFF sust.

$n = 100$ Cells, 1.25%, (1.99% of RGCs); CF: 1.81

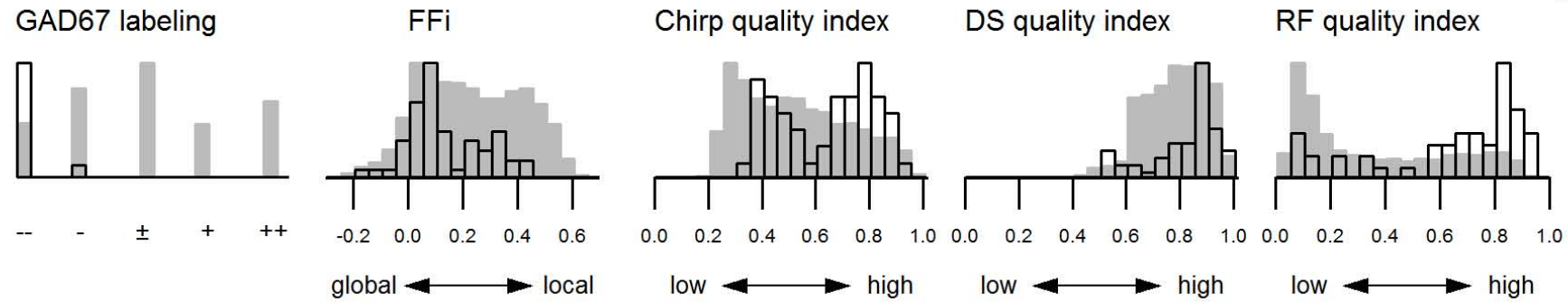
SFig. 3-11 a



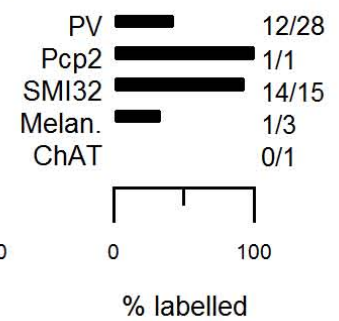
b



c

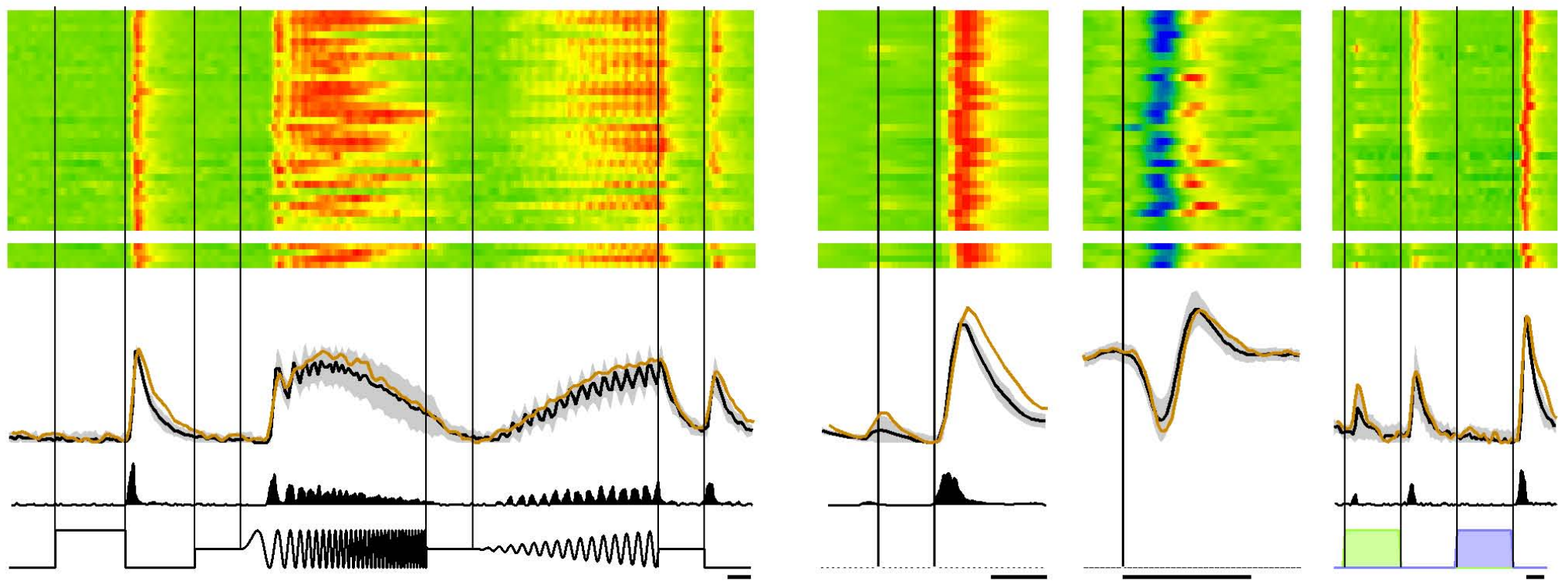


d

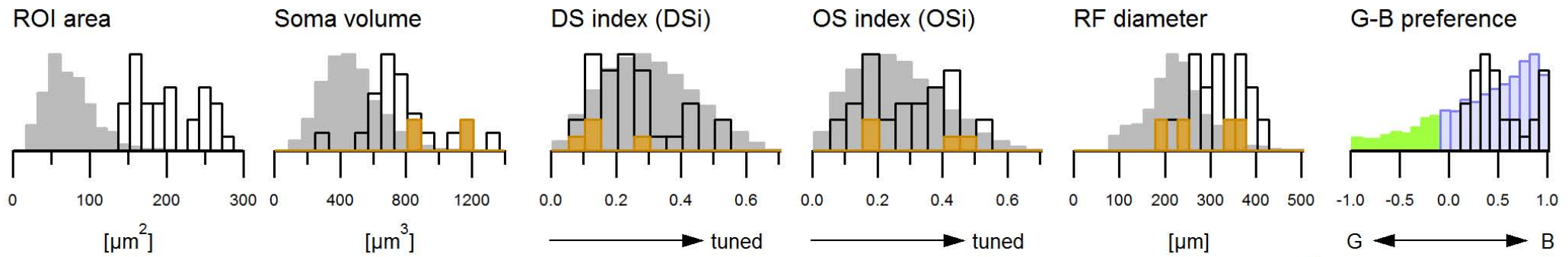


Group 8 OFF alpha trans. (a)
 n = 49 Cells, 0.61%, (0.98% of RGCs); CF: 1.32

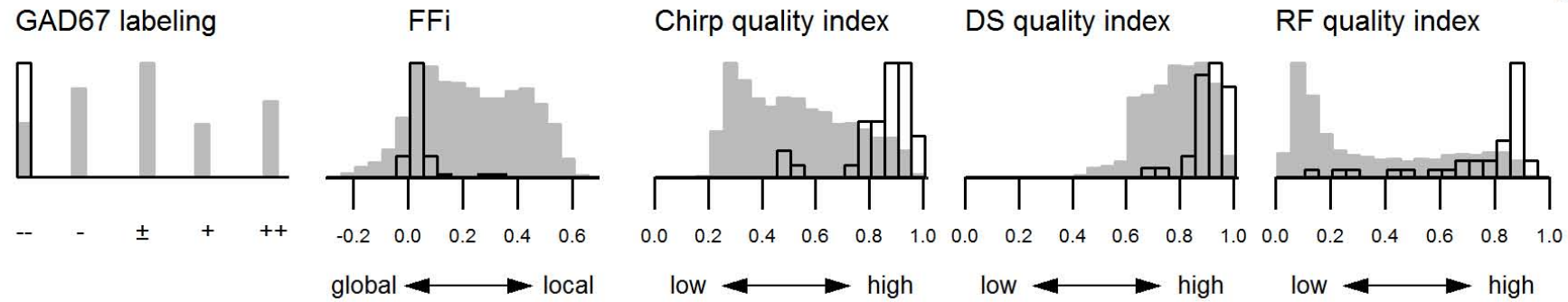
SFig. 3-12 a



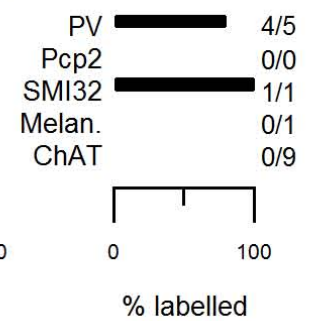
b



c

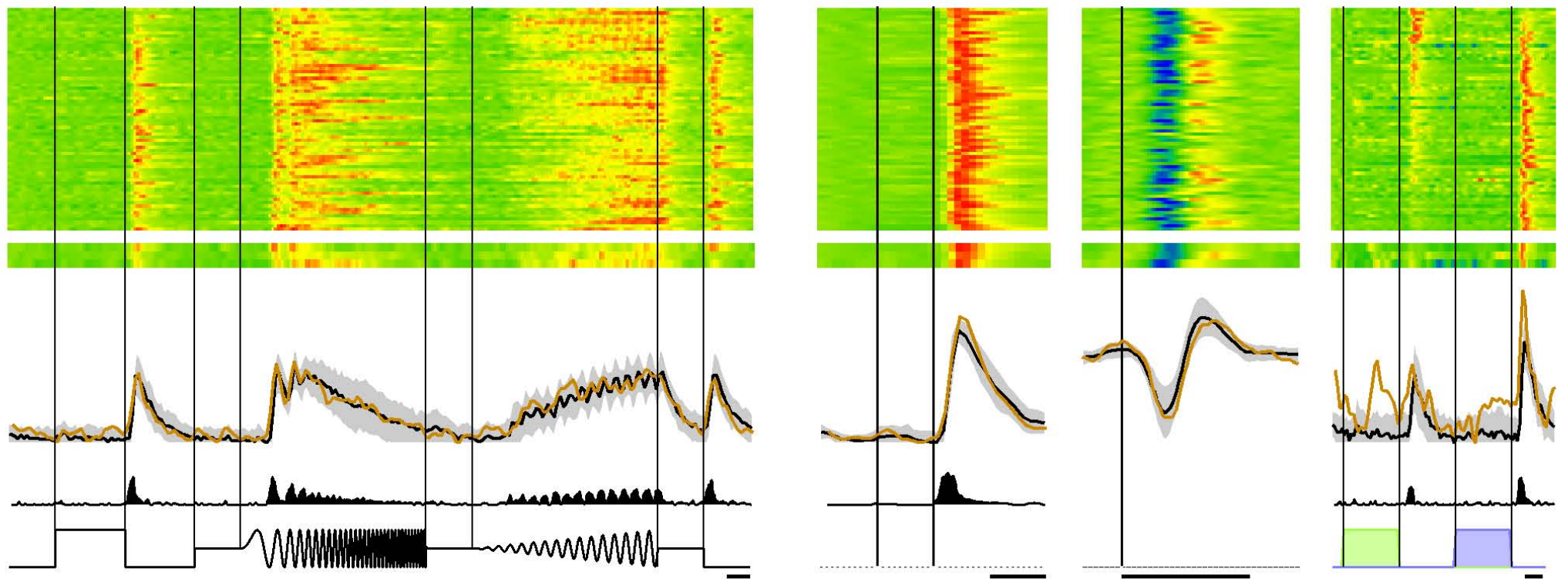


d

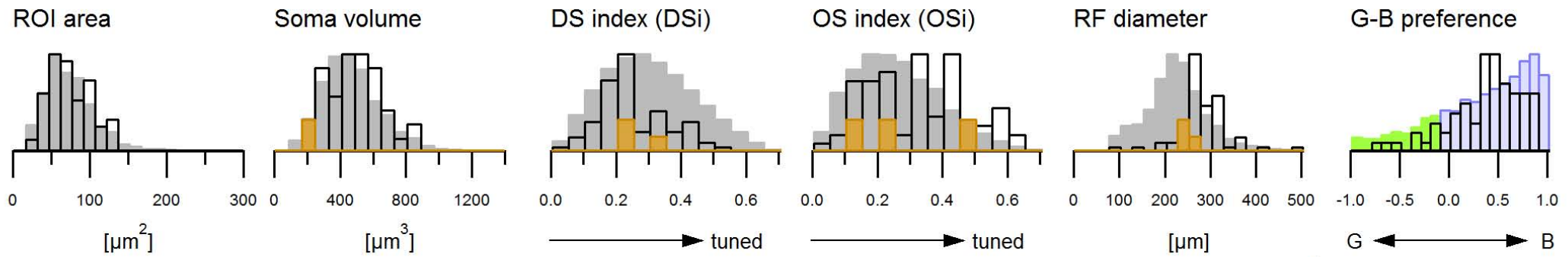


Group 8 OFF alpha trans. (b)
 n = 31 Cells, 0.39%, (0.62% of RGCs); CF: 1.06

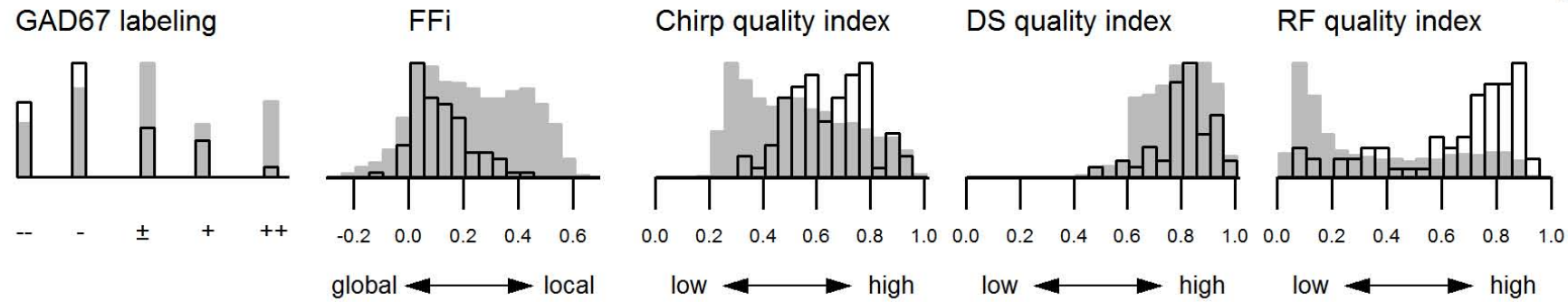
SFig. 3-13 a



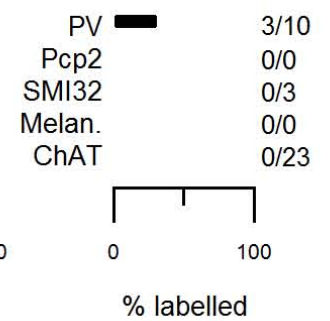
b



c

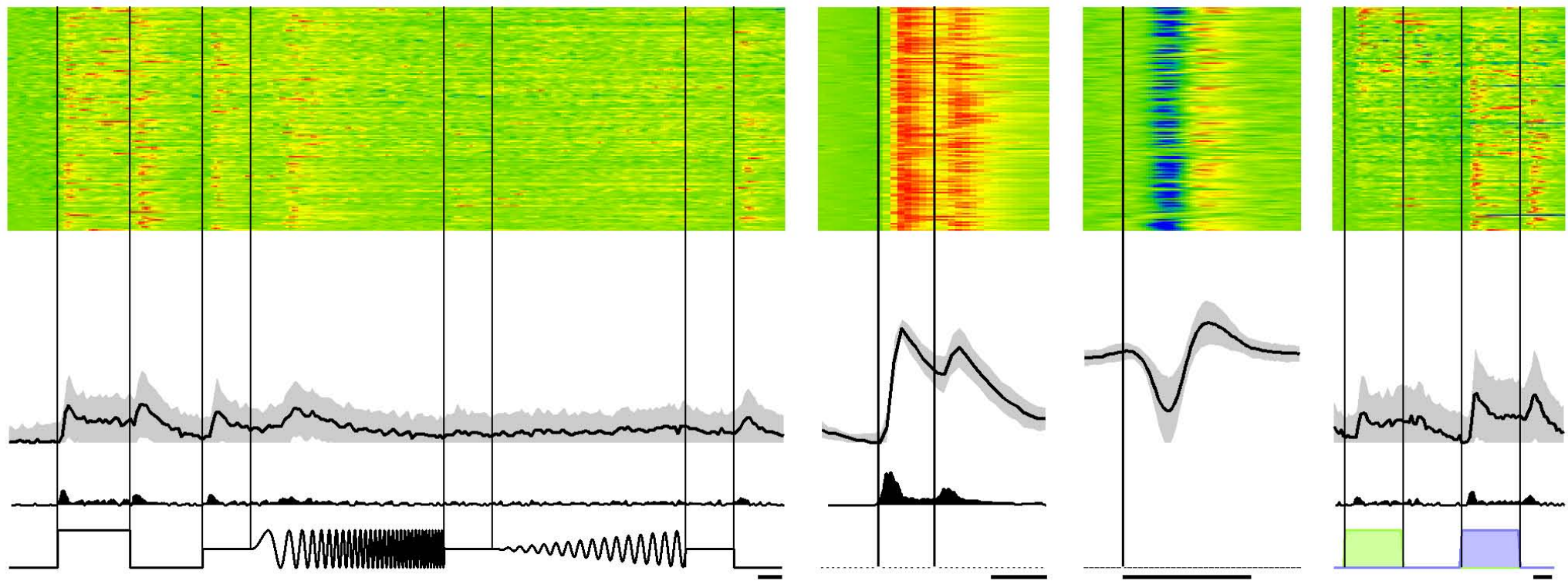


d

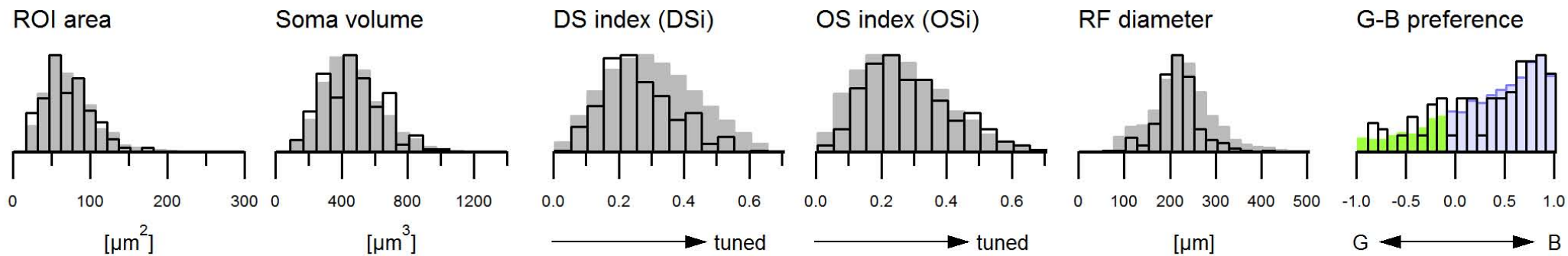


Group 9 OFF "mini" alpha trans.
 n = 68 Cells, 0.85%, (1.35% of RGCs); CF: 1.7

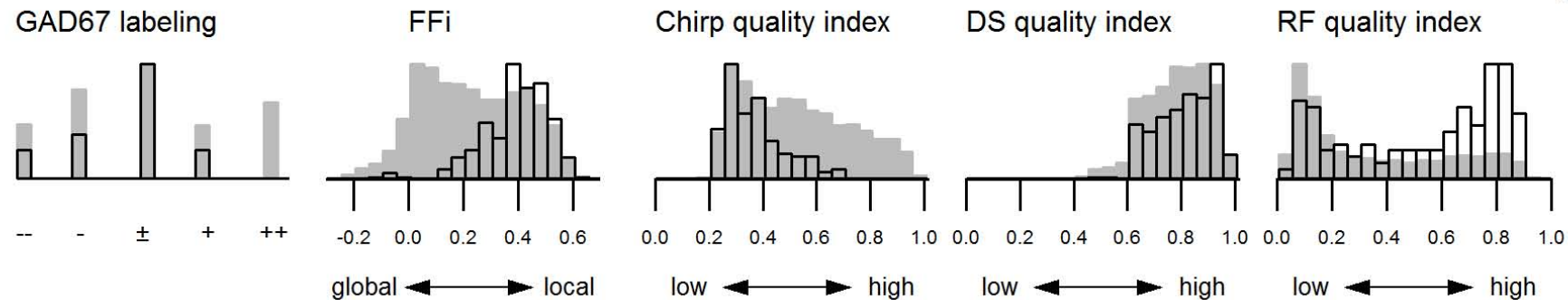
SFig. 3-14 a



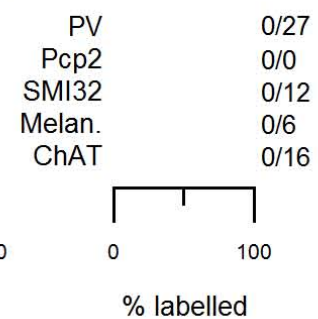
b



c

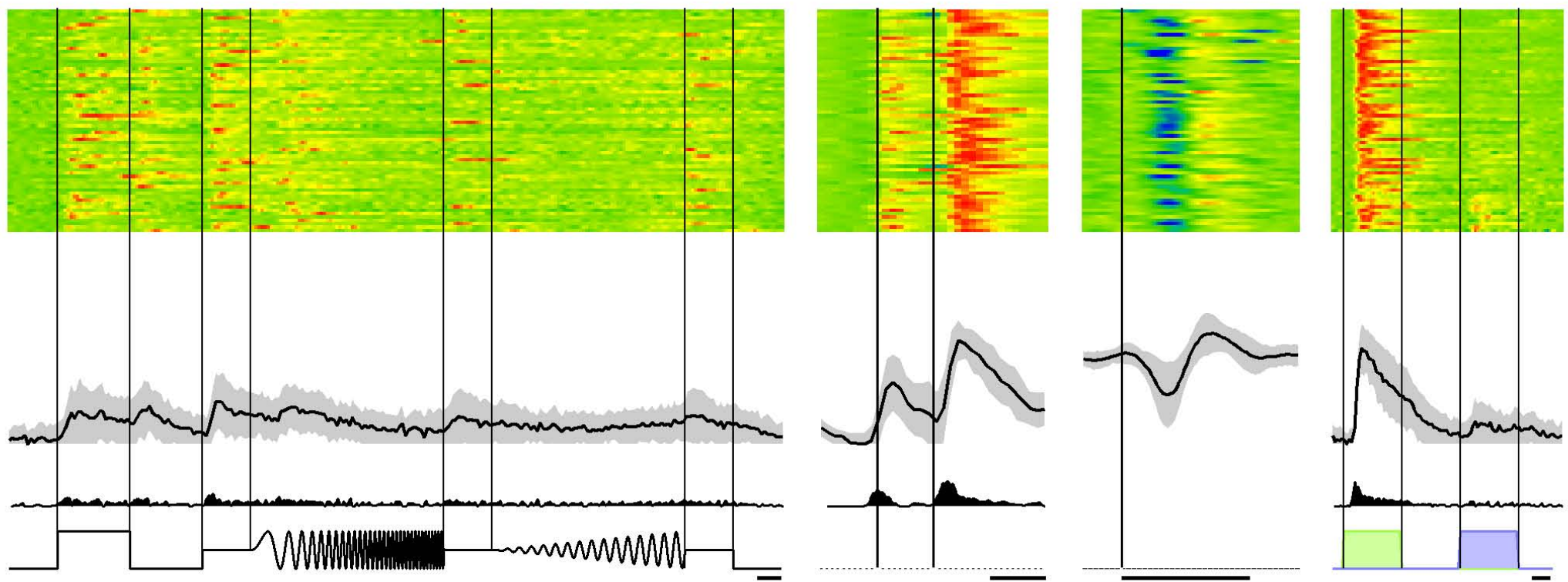


d

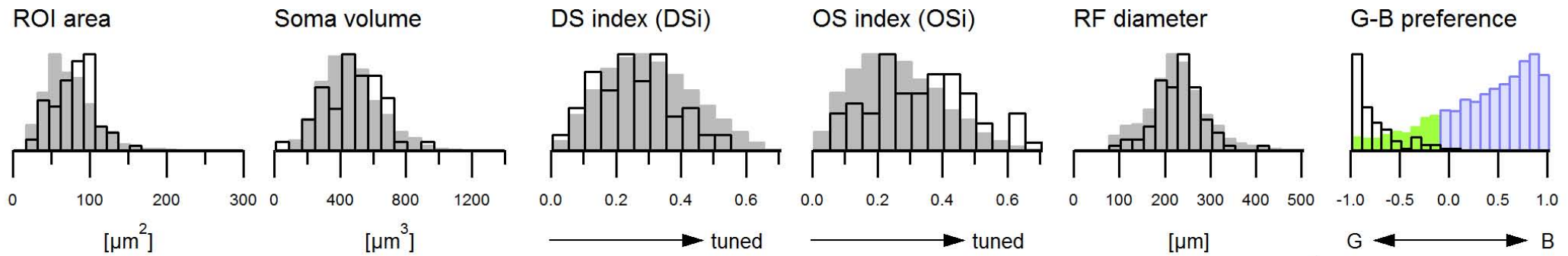


Group 10 ON-OFF local-edge "W3"
 n = 149 Cells, 1.87%, (2.97% of RGCs); CF: 2.35

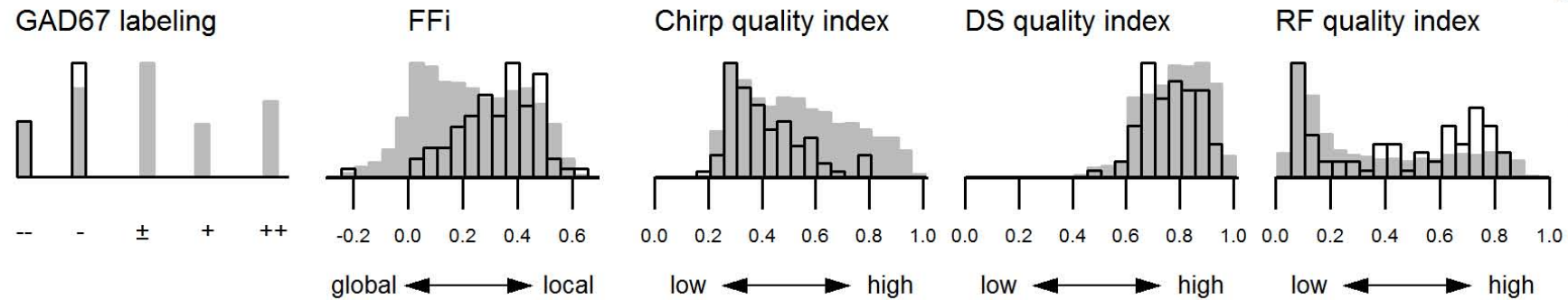
SFig. 3-15 a



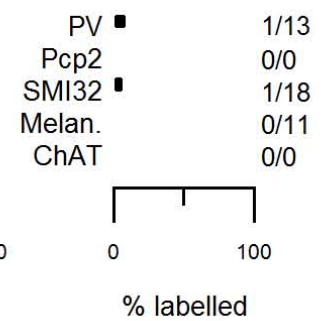
b



c



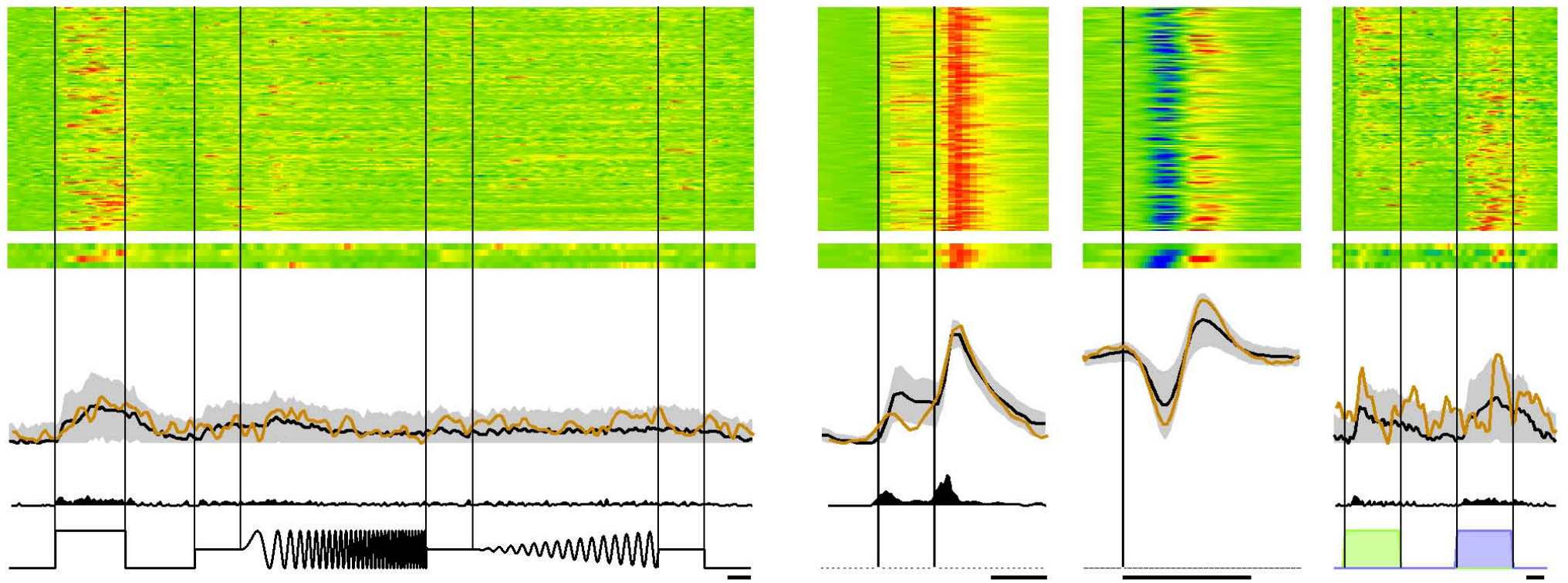
d



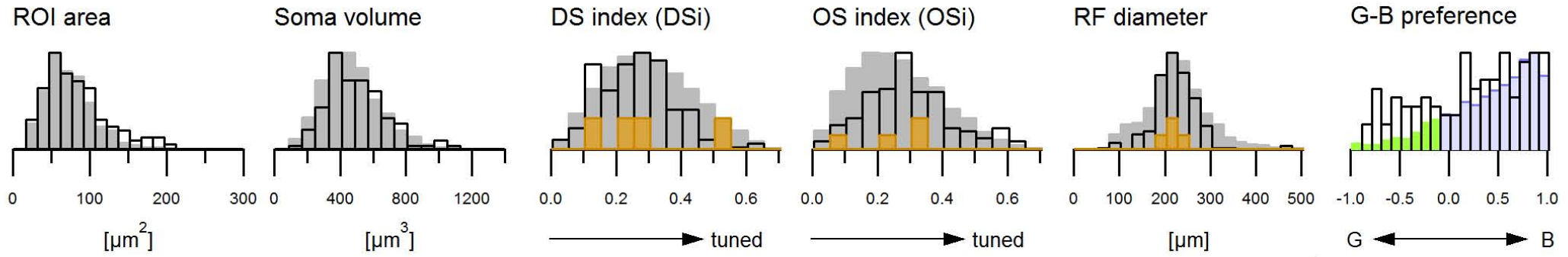
Group 11 ON-OFF local (a)

n = 66 Cells, 0.83%, (1.31% of RGCs); CF: 1.12

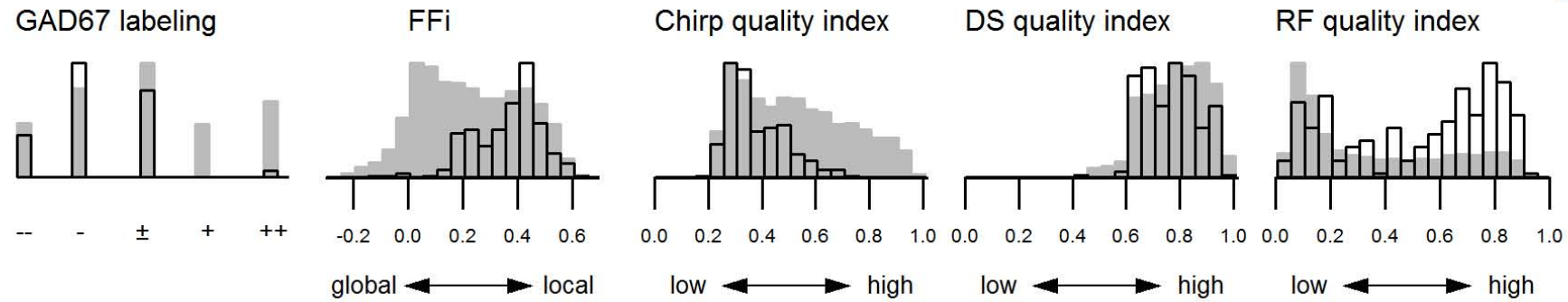
SFig. 3-16 a



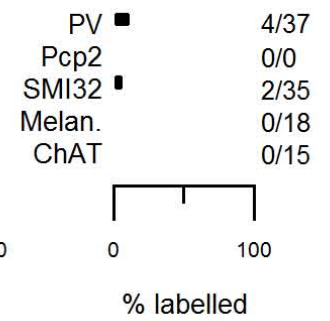
b



c



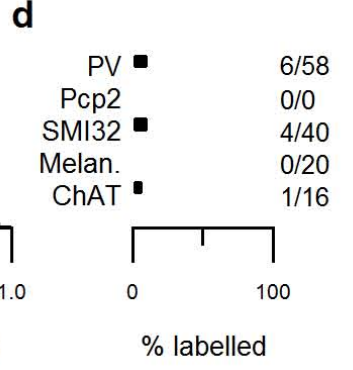
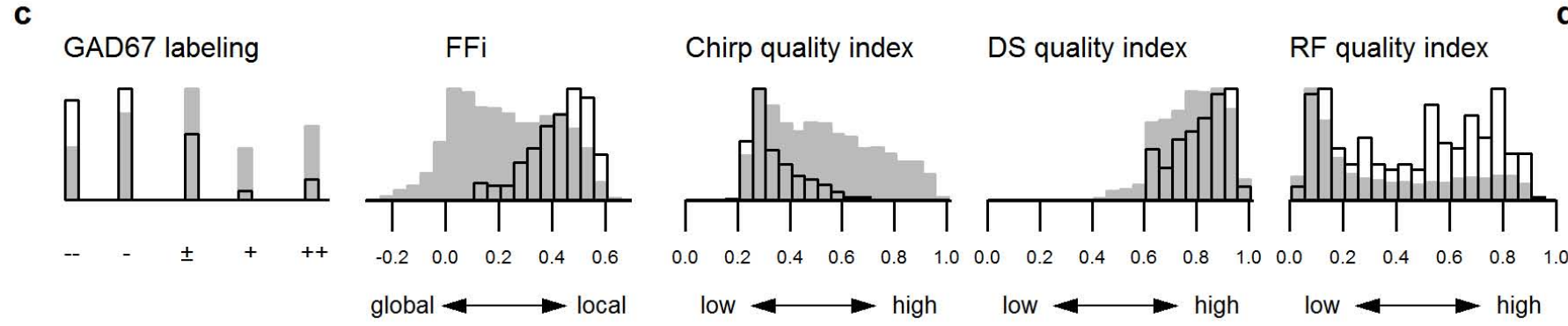
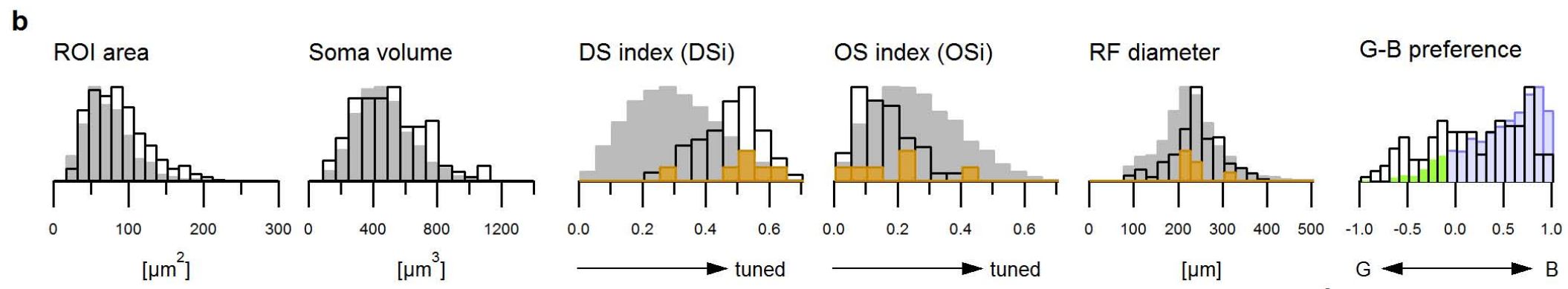
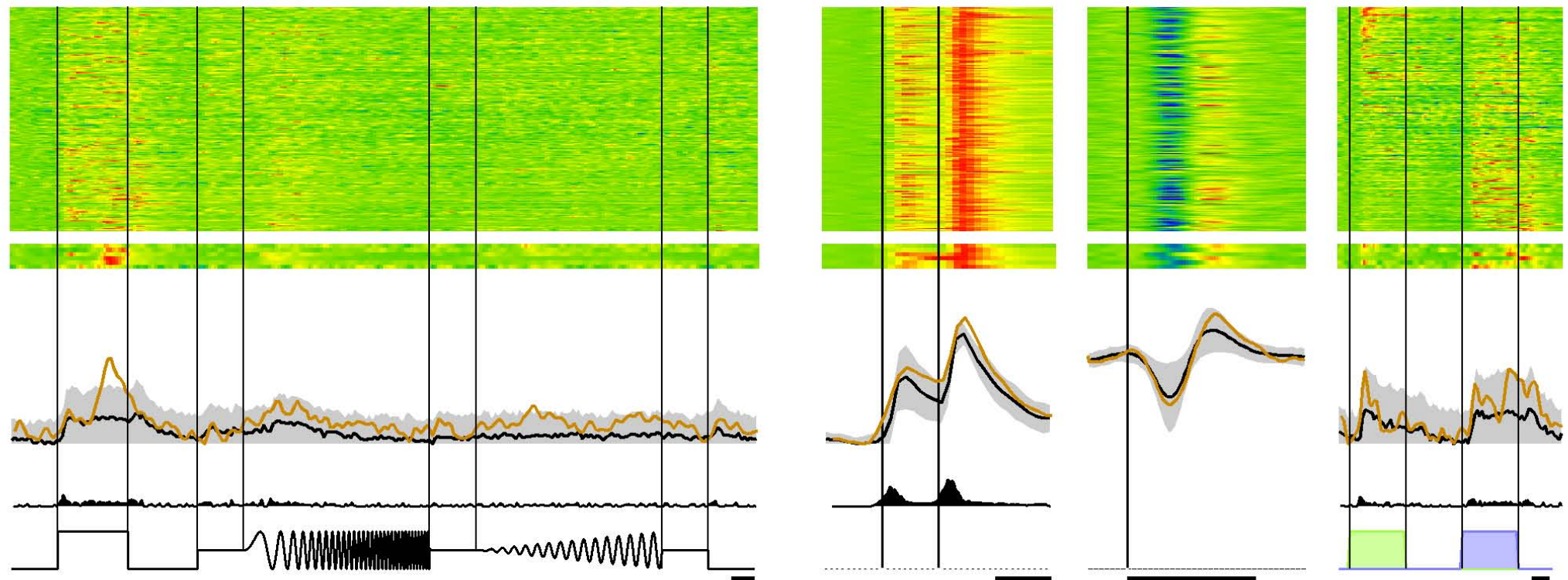
d



Group 11 ON-OFF local (b)

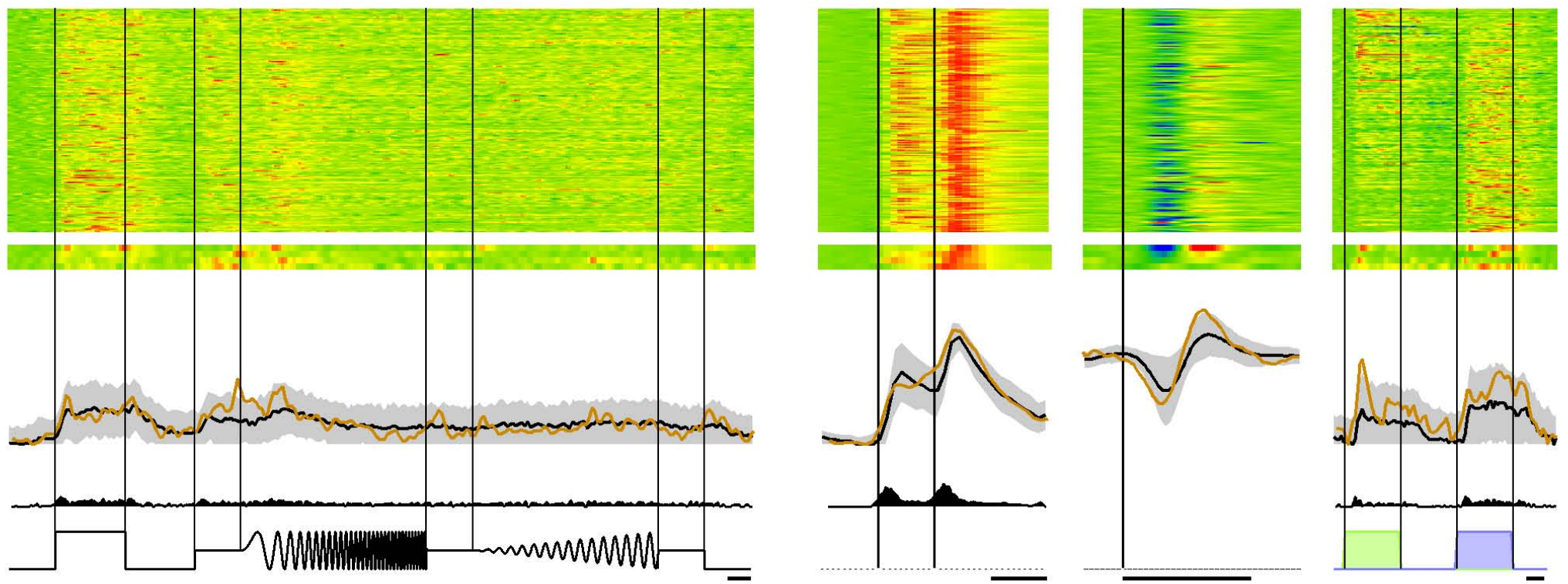
n = 151 Cells, 1.89%, (3.01% of RGCs); CF: 2.37

SFig. 3-17 a

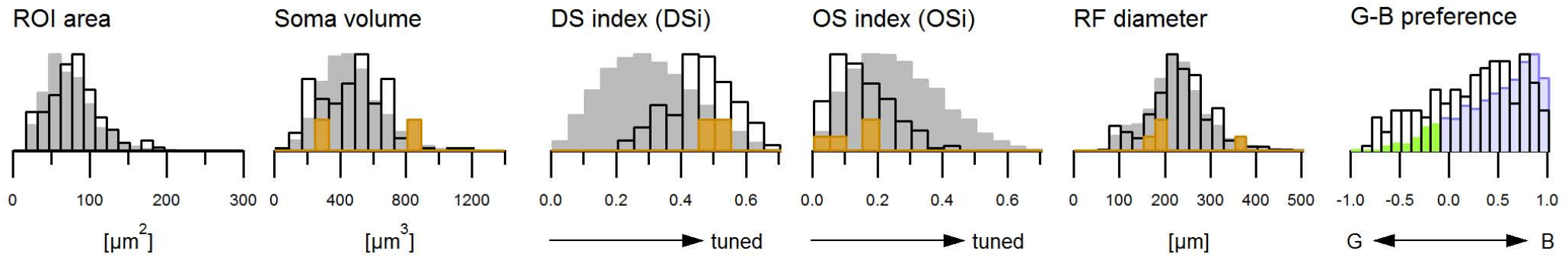


Group 12 ON-OFF DS 1 (a)
 n = 206 Cells, 2.58%, (4.1% of RGCs); CF: 4.11

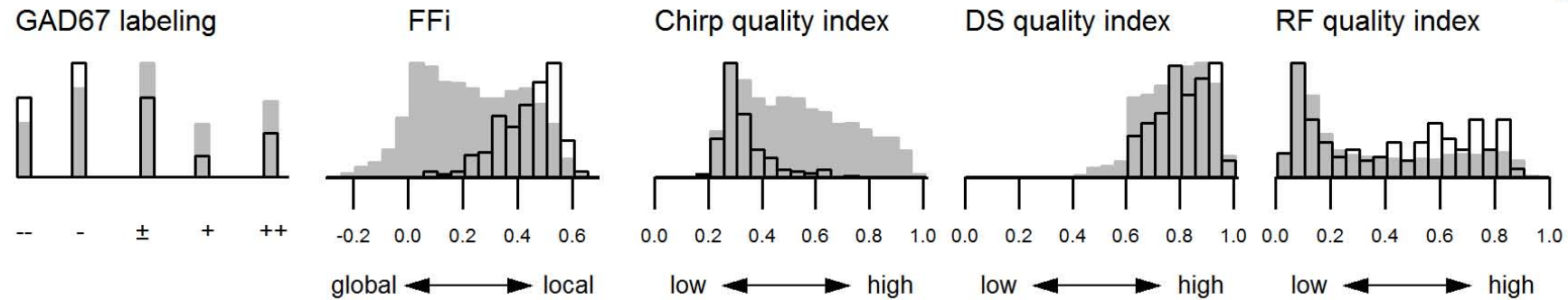
SFig. 3-18 a



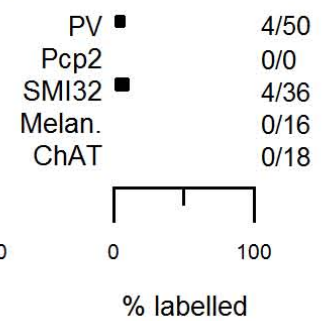
b



c



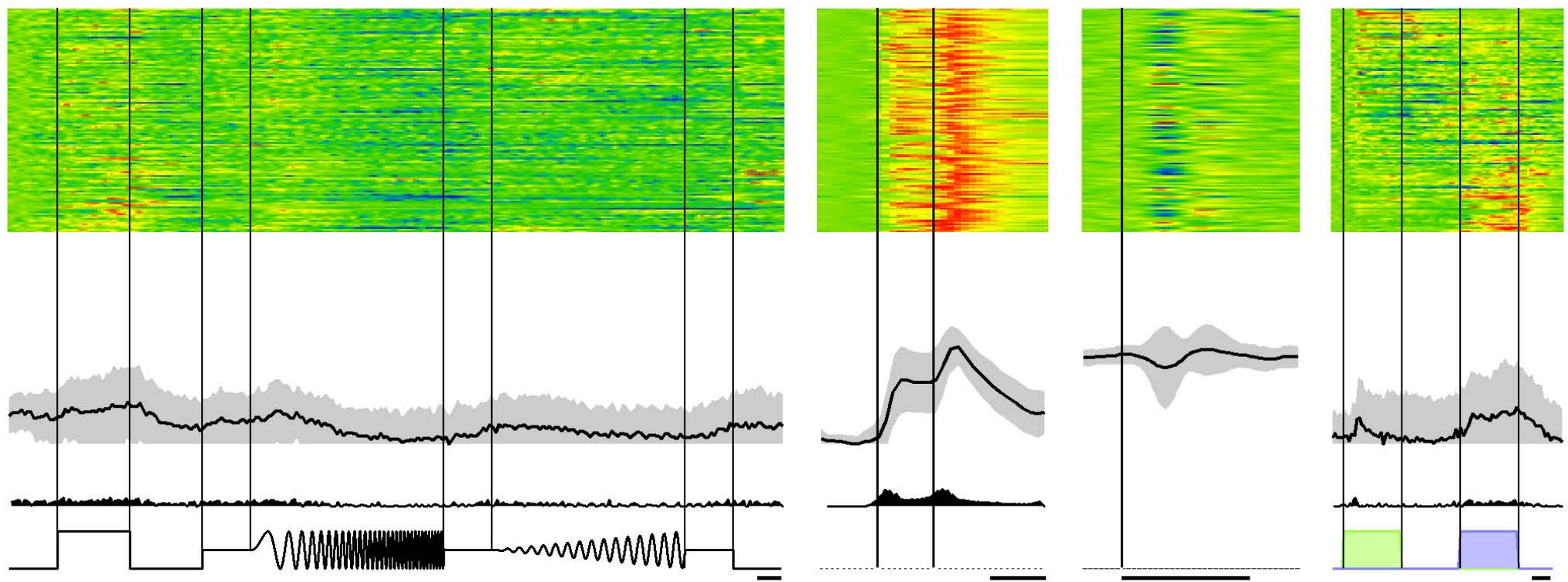
d



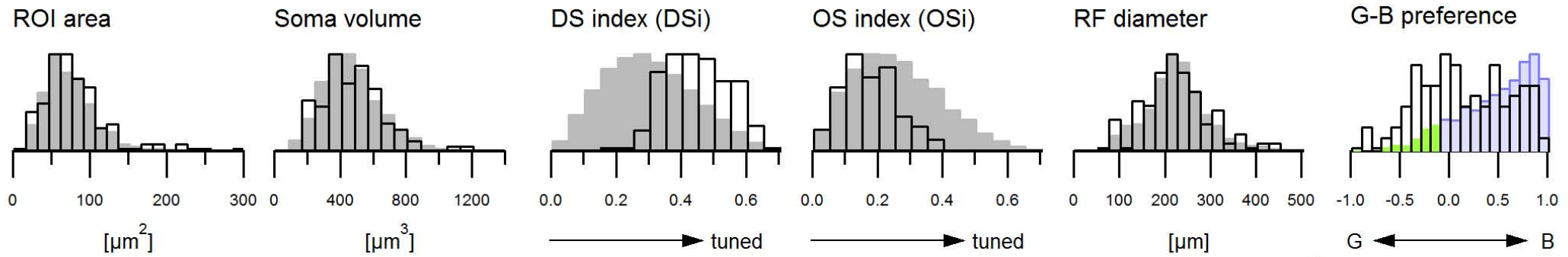
Group 12 ON-OFF DS 1 (b)

n = 191 Cells, 2.39%, (3.8% of RGCs); CF: 3.63

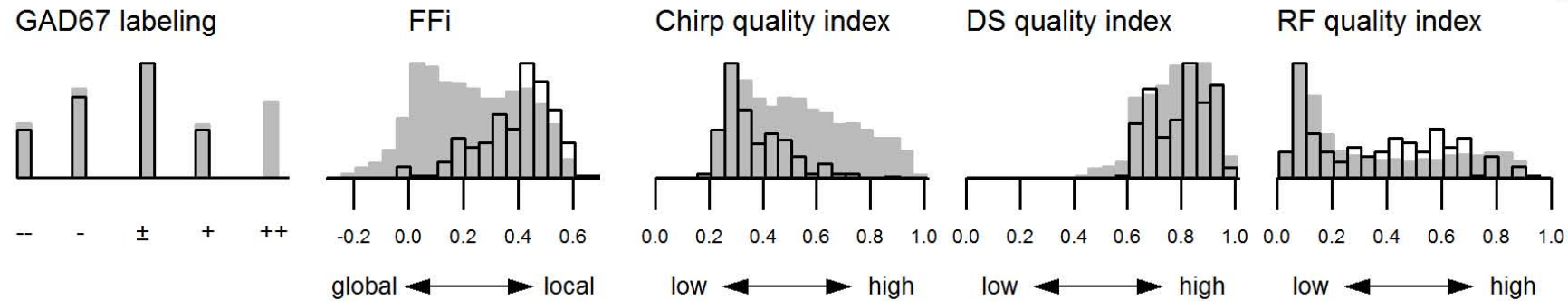
SFig. 3-19 a



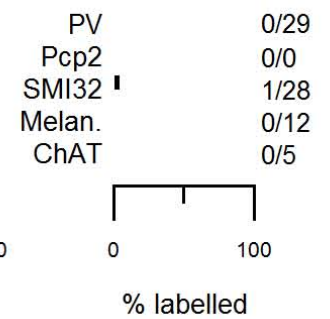
b



c



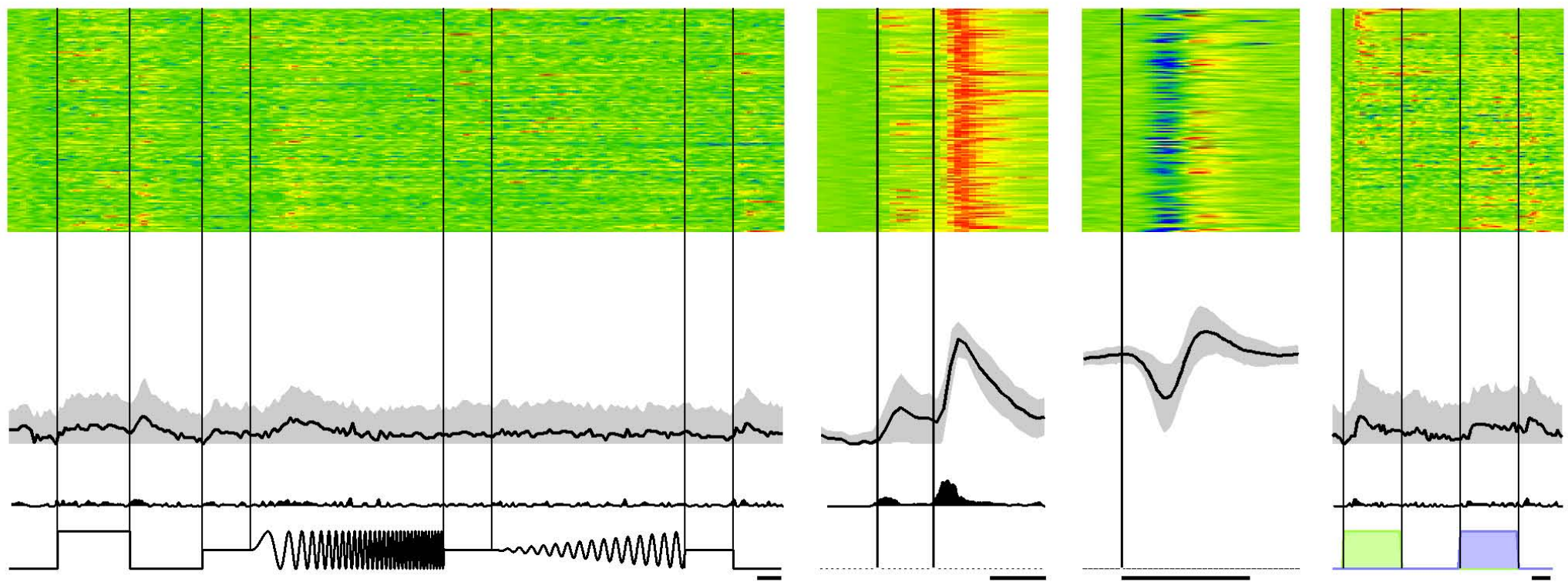
d



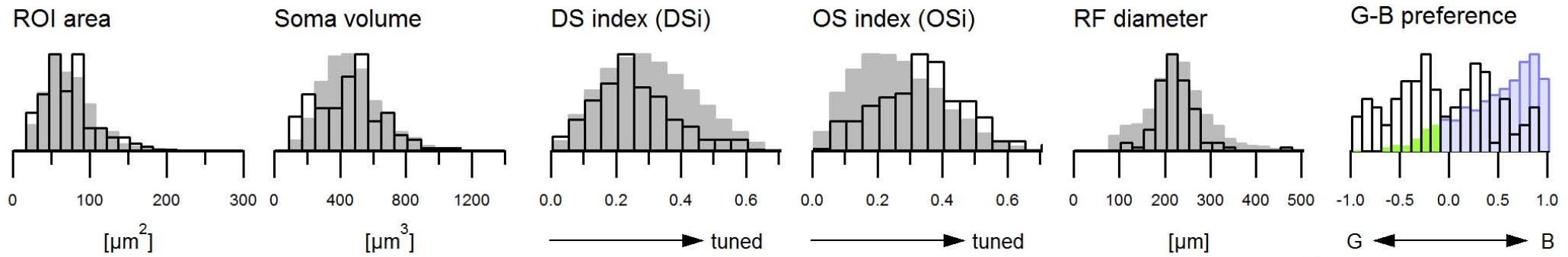
Group 13 ONOFF DS 2

n = 129 Cells, 1.62%, (2.57% of RGCs); CF: 2.3

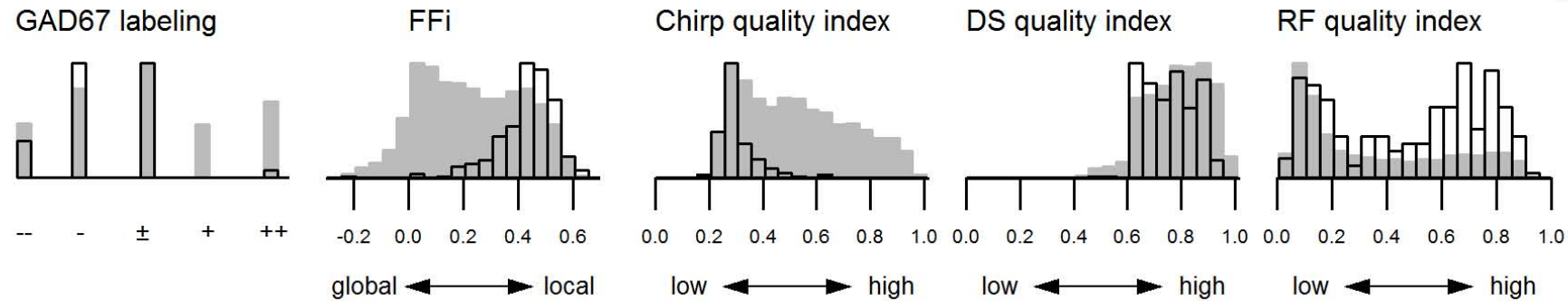
SFig. 3-20 a



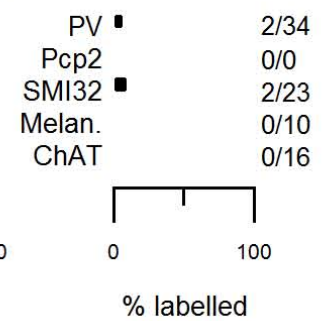
b



c

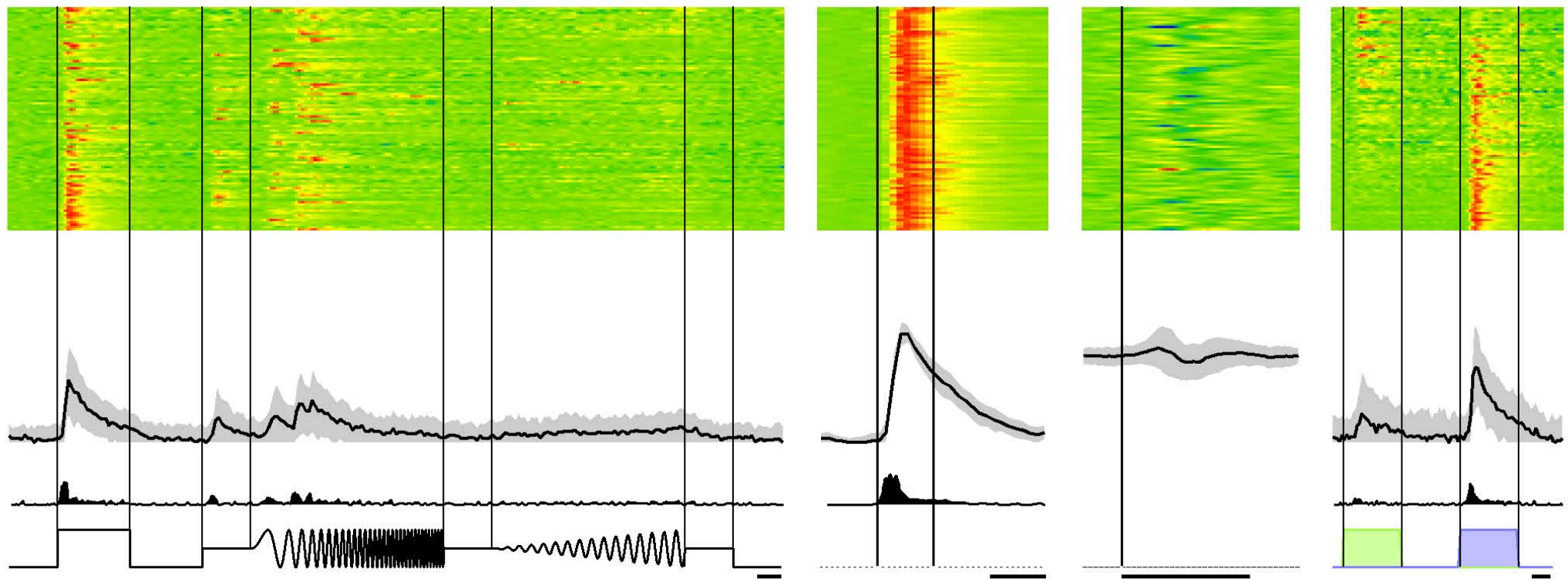


d

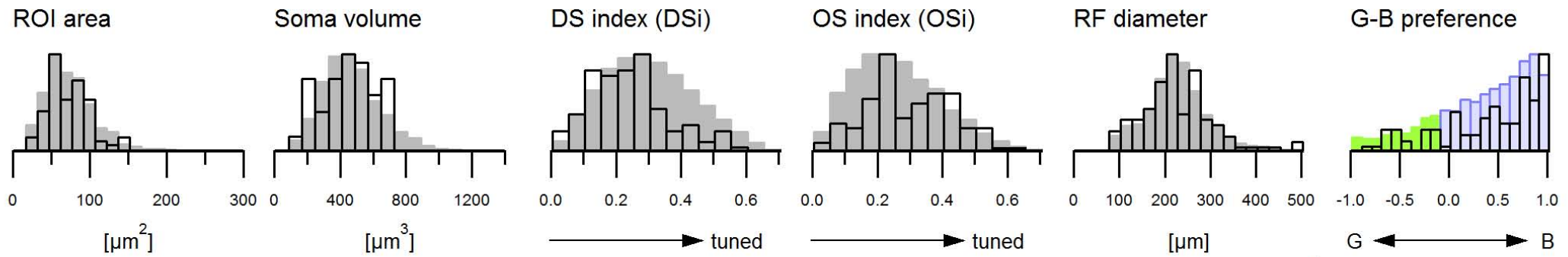


Group 14 (ON-)OFF local, OS
 n = 150 Cells, 1.88%, (2.99% of RGCs); CF: 2.44

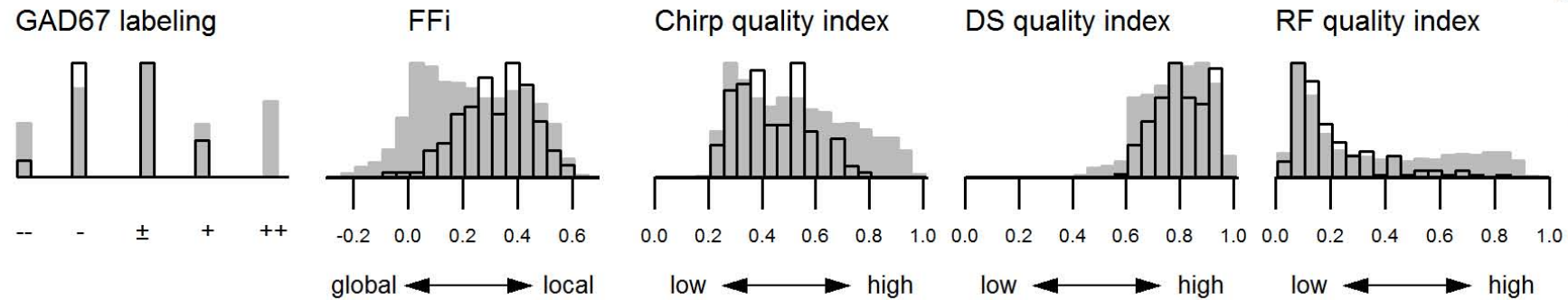
SFig. 3-21 a



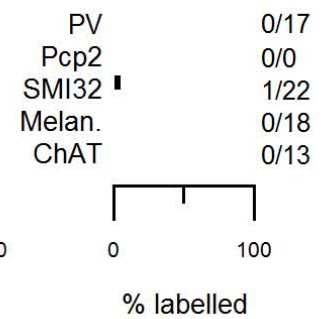
b



c



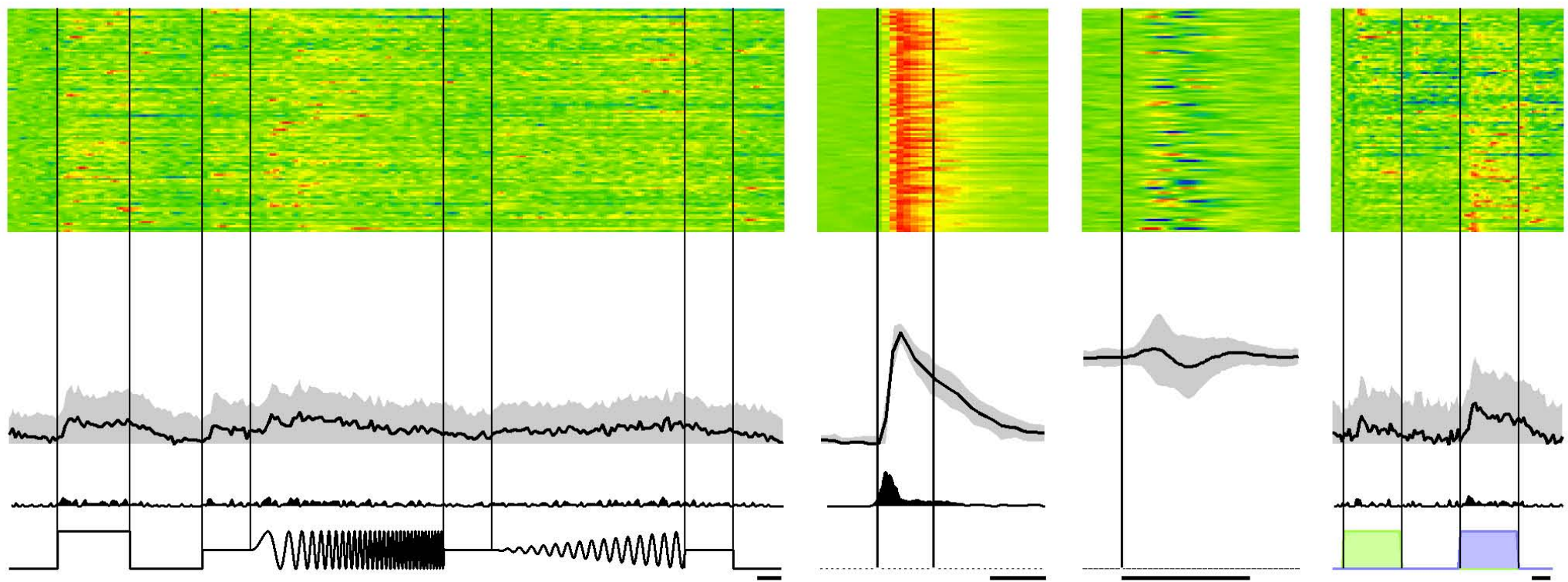
d



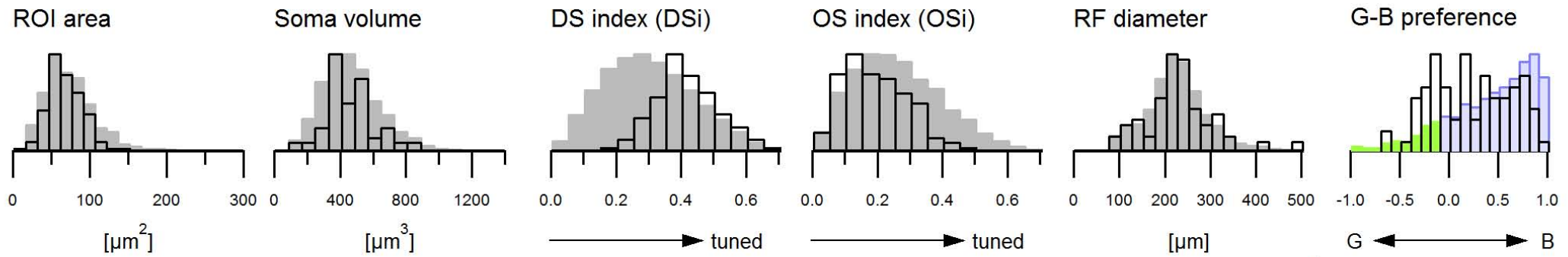
Group 15 ON step

n = 97 Cells, 1.22%, (1.93% of RGCs); CF: 1.8

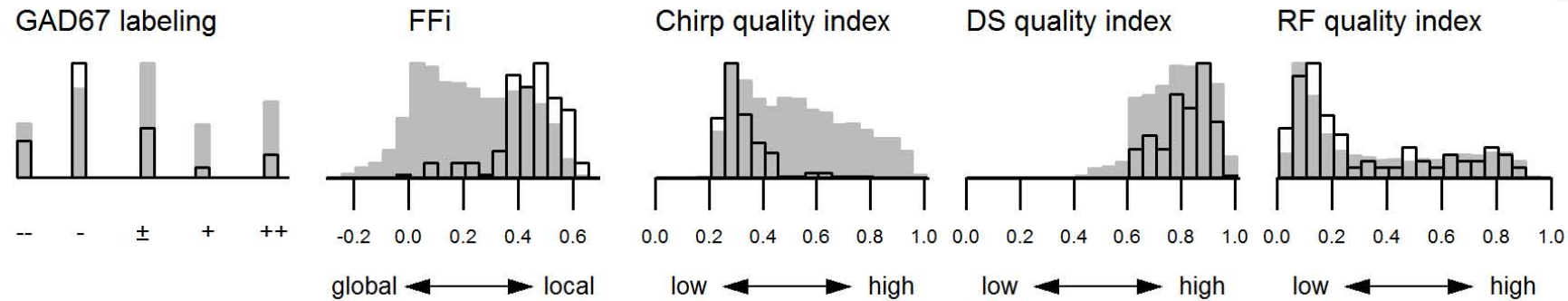
SFig. 3-22 a



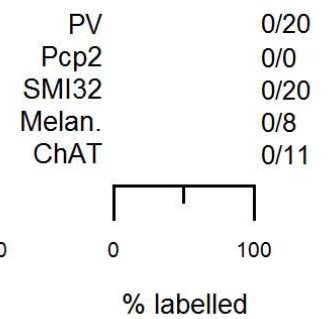
b



c



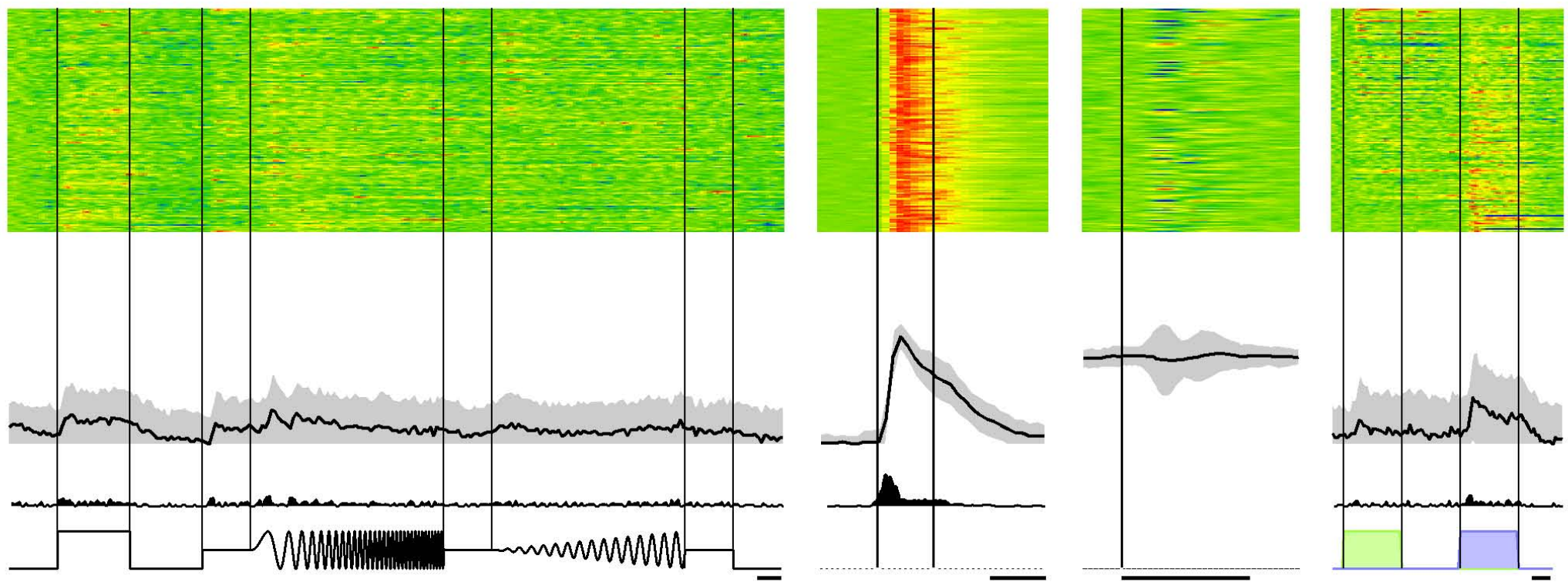
d



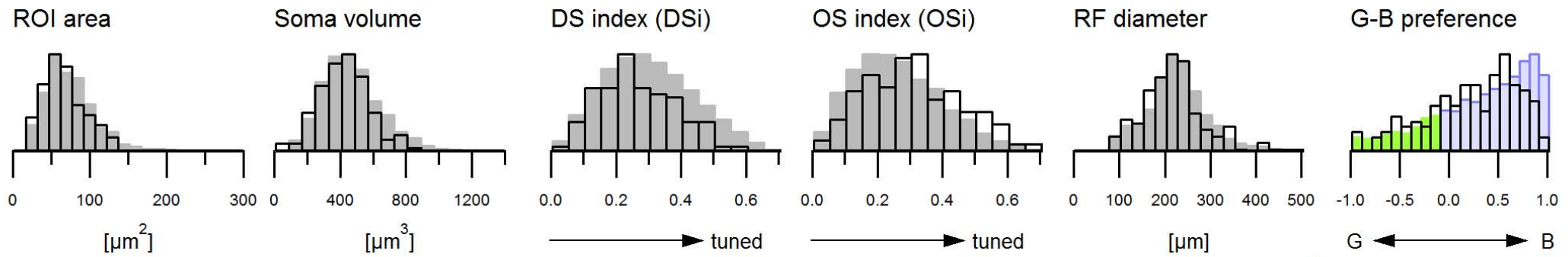
Group 16 ON DS trans.

n = 99 Cells, 1.24%, (1.97% of RGCs); CF: 1.63

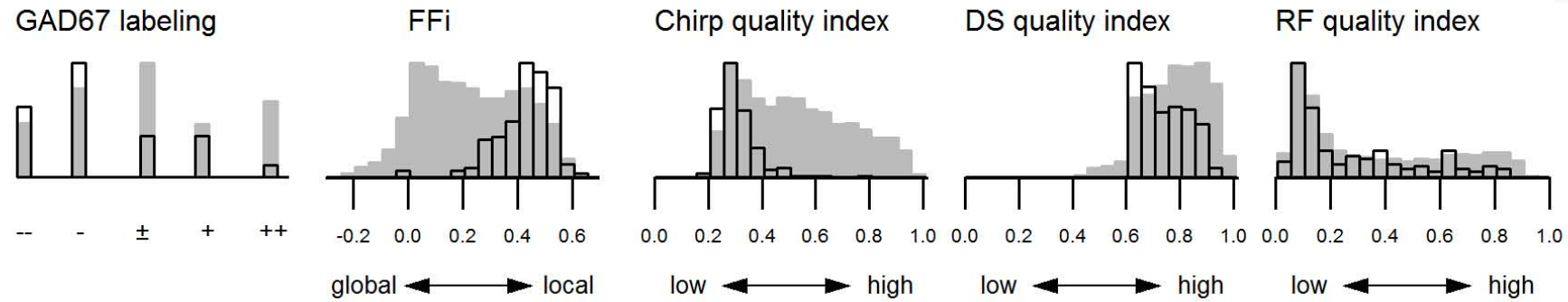
SFig. 3-23 a



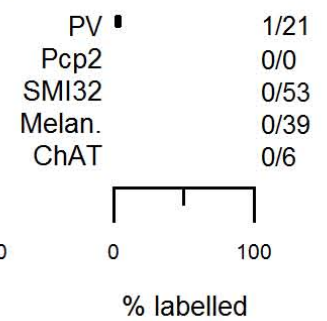
b



c

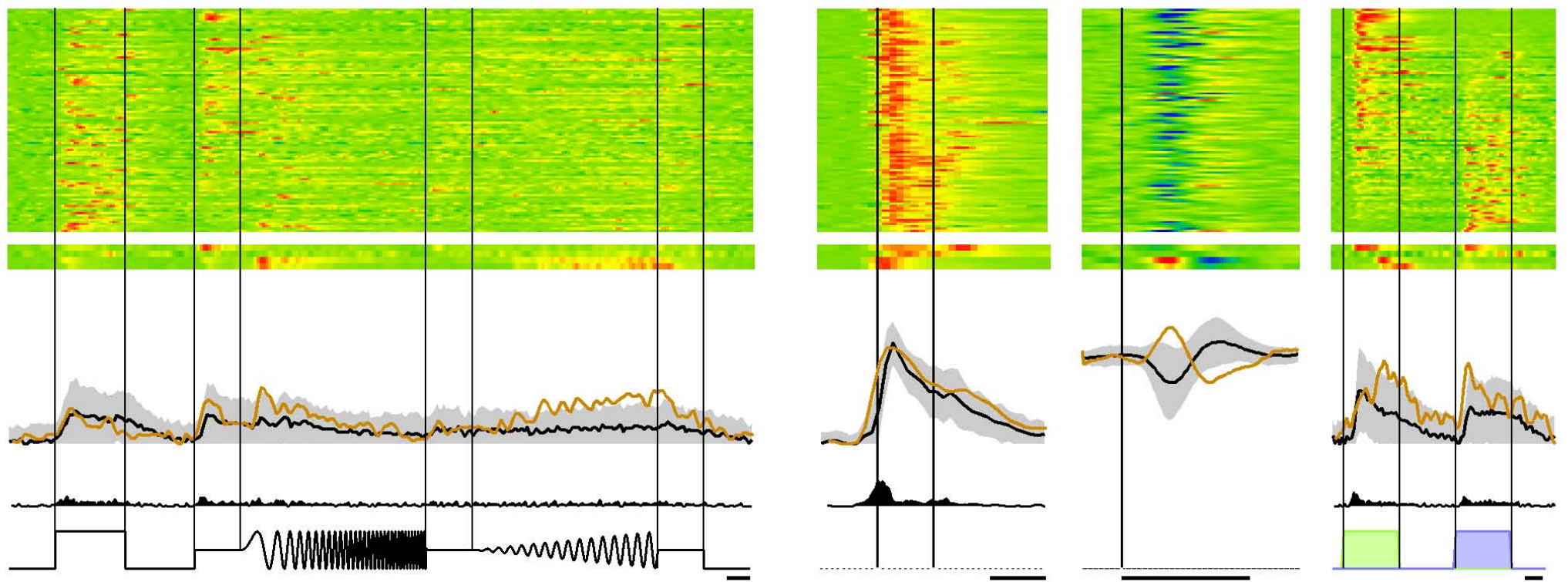


d

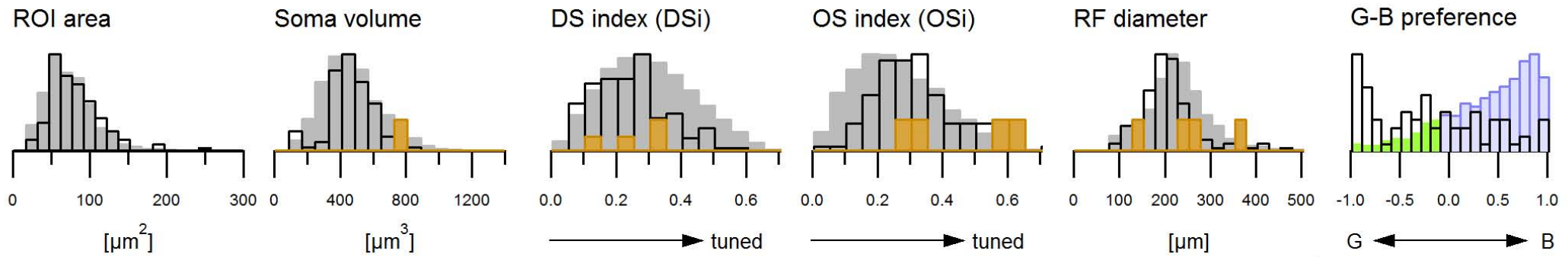


Group 17 ON local trans., OS (a)
 n = 169 Cells, 2.12%, (3.36% of RGCs); CF: 2.7

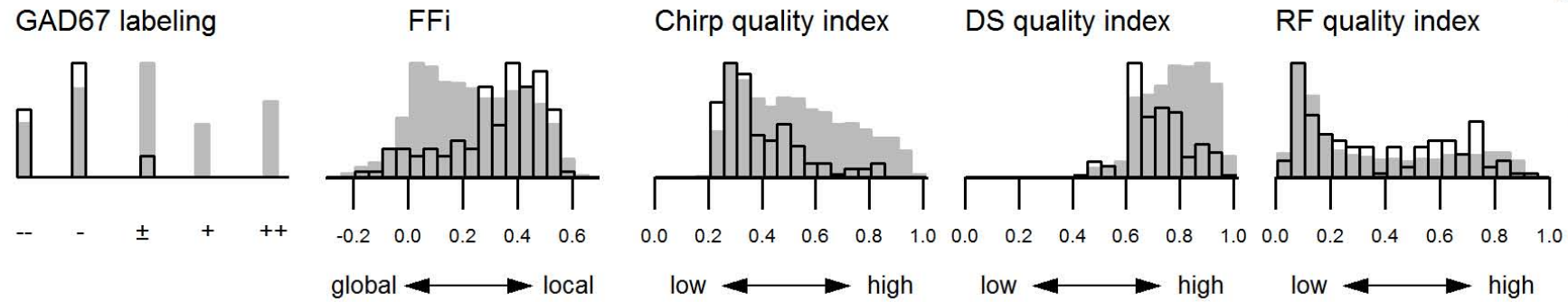
SFig. 3-24 a



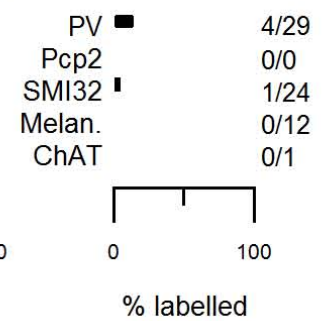
b



c



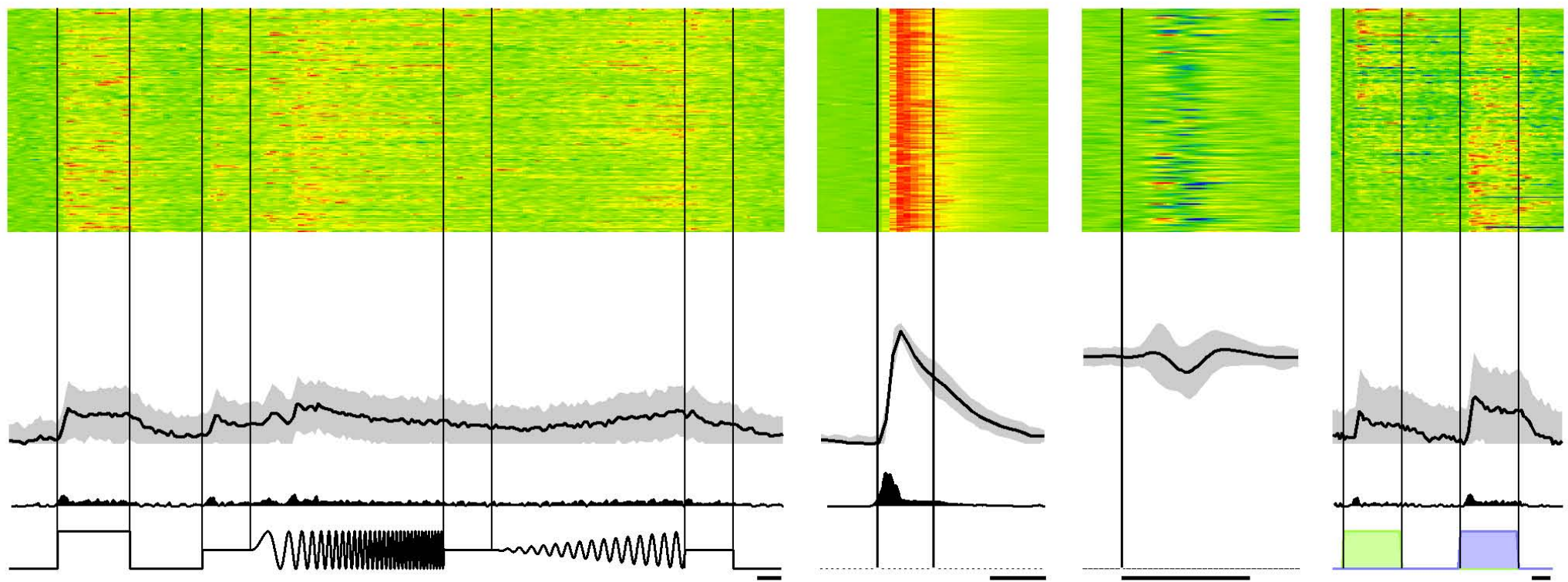
d



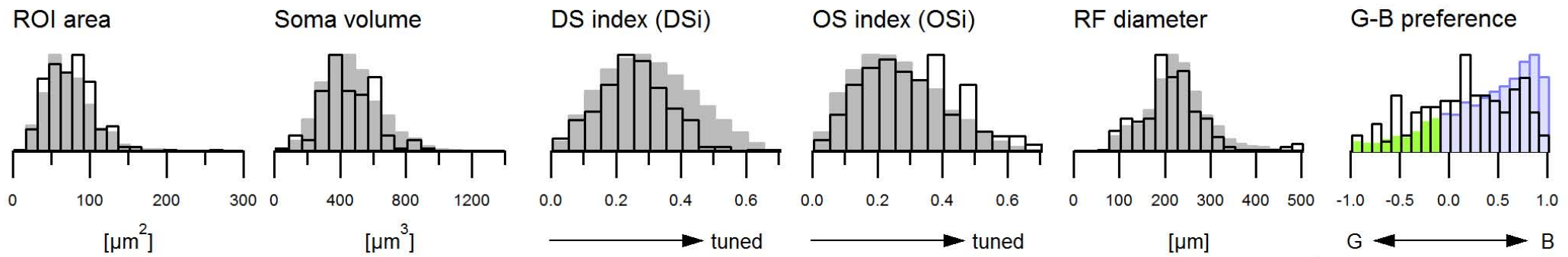
Group 17 ON local trans., OS (b)

n = 99 Cells, 1.24%, (1.97% of RGCs); CF: 1.41

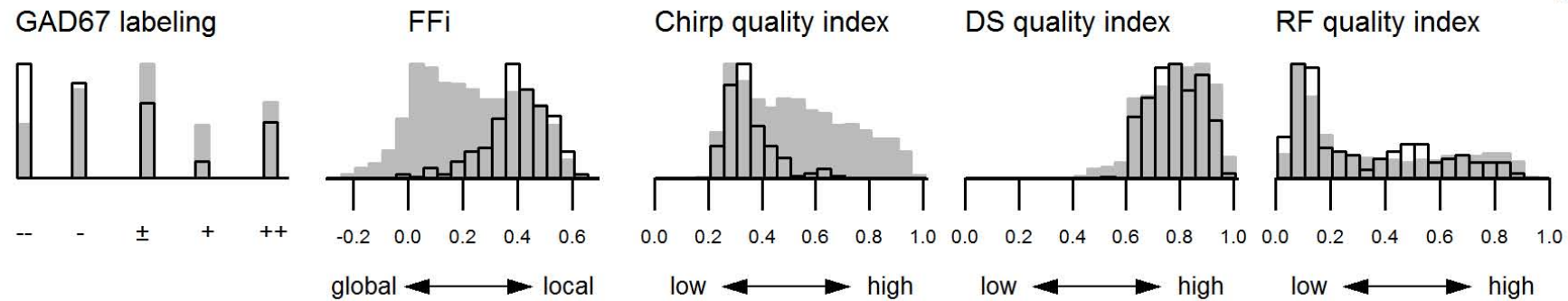
SFig. 3-25 a



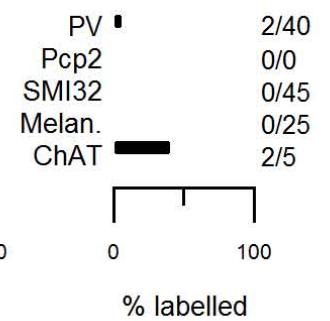
b



c

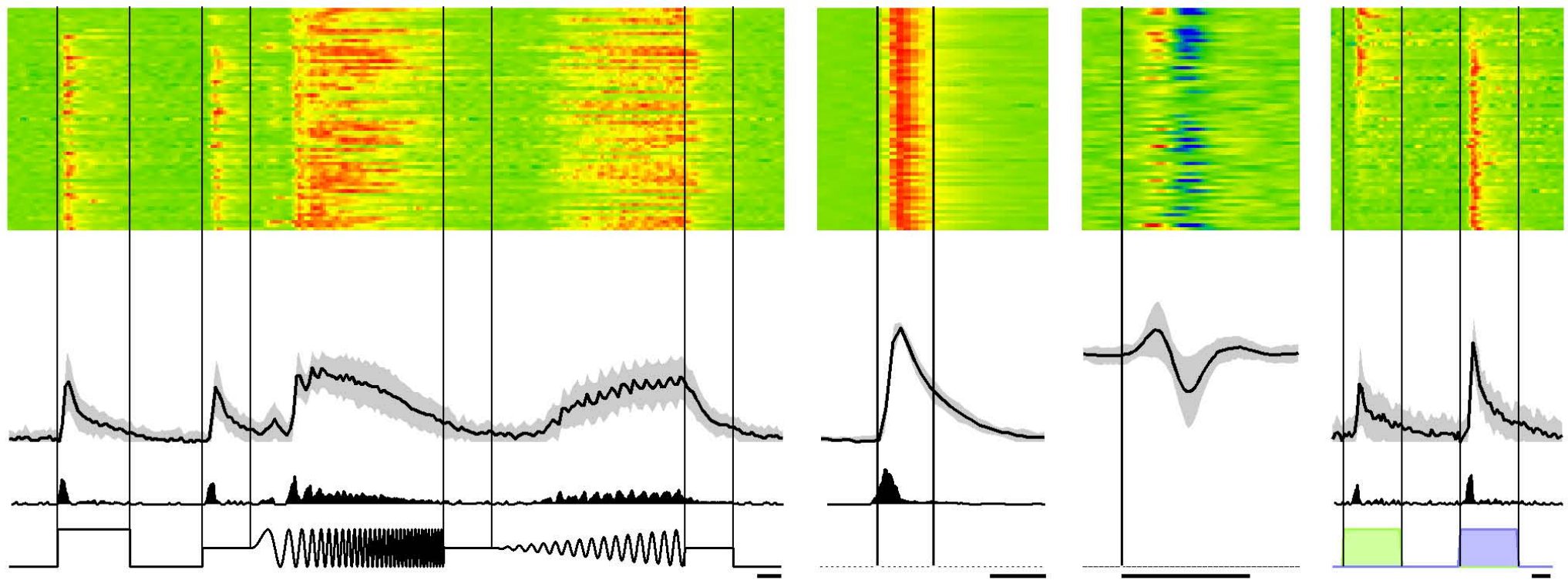


d

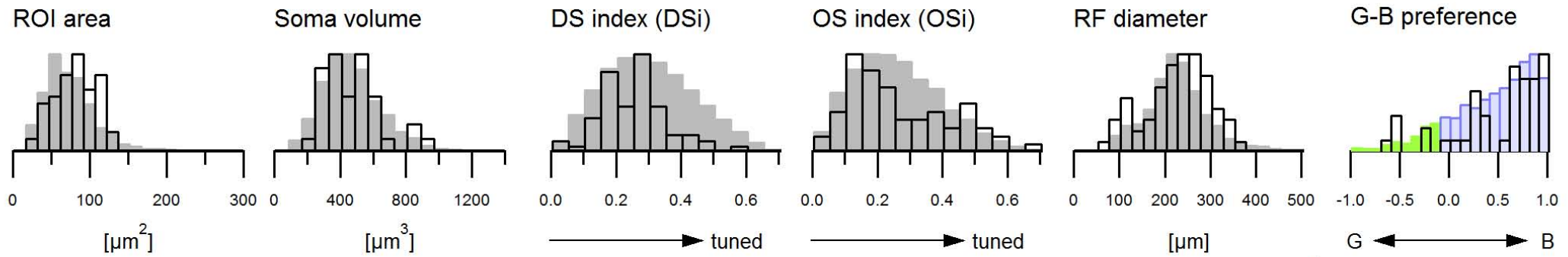


Group 17 ON local trans., OS (c)
 n = 171 Cells, 2.14%, (3.4% of RGCs); CF: 2.94

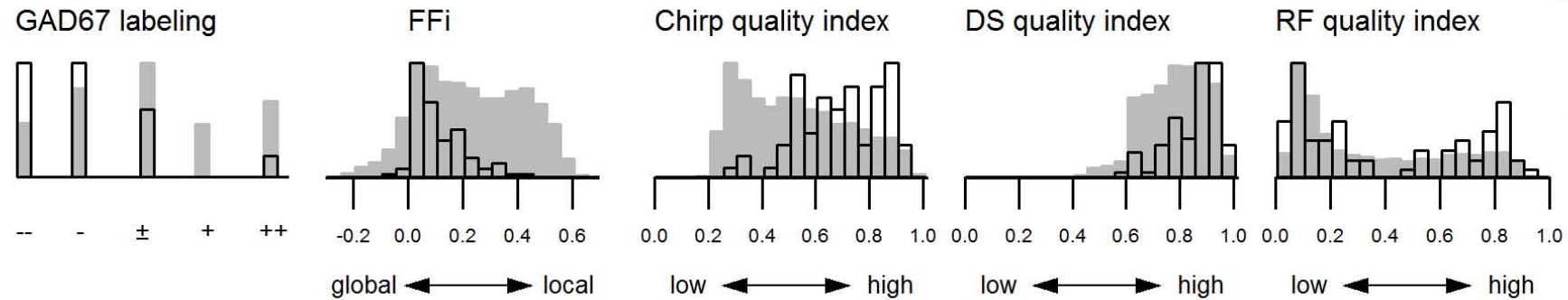
SFig. 3-26 a



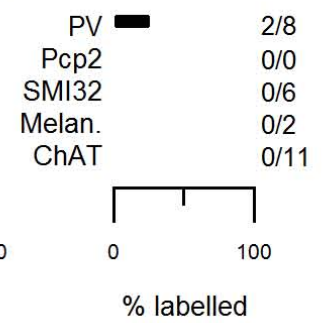
b



c



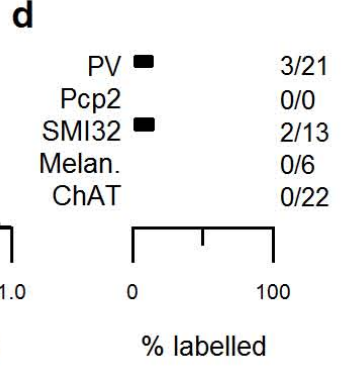
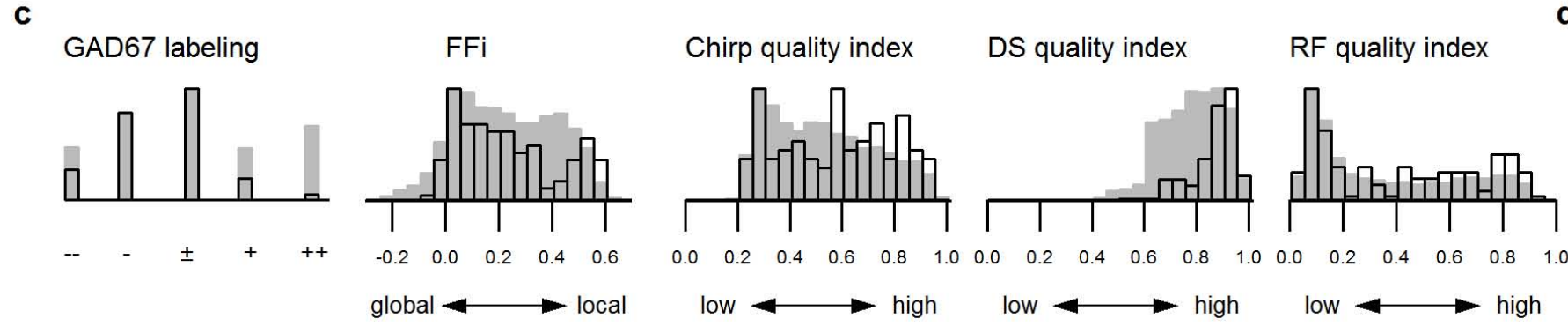
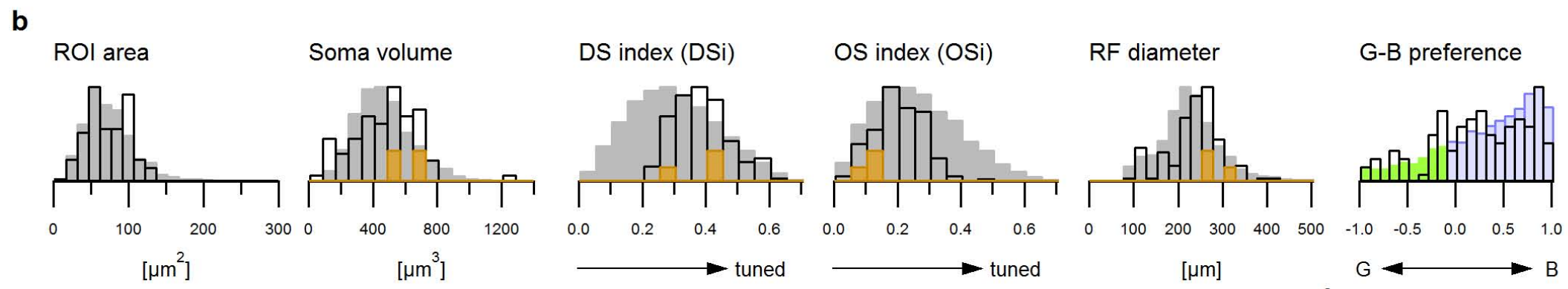
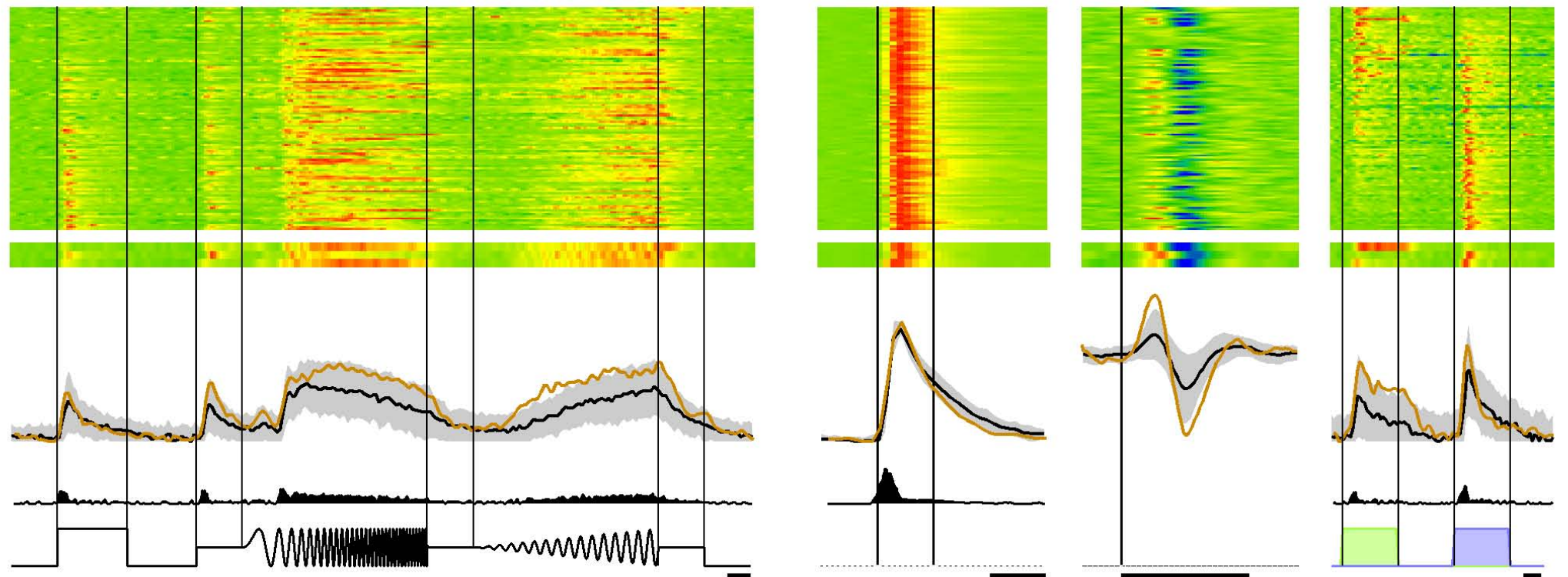
d



Group 18 ON trans. (a)

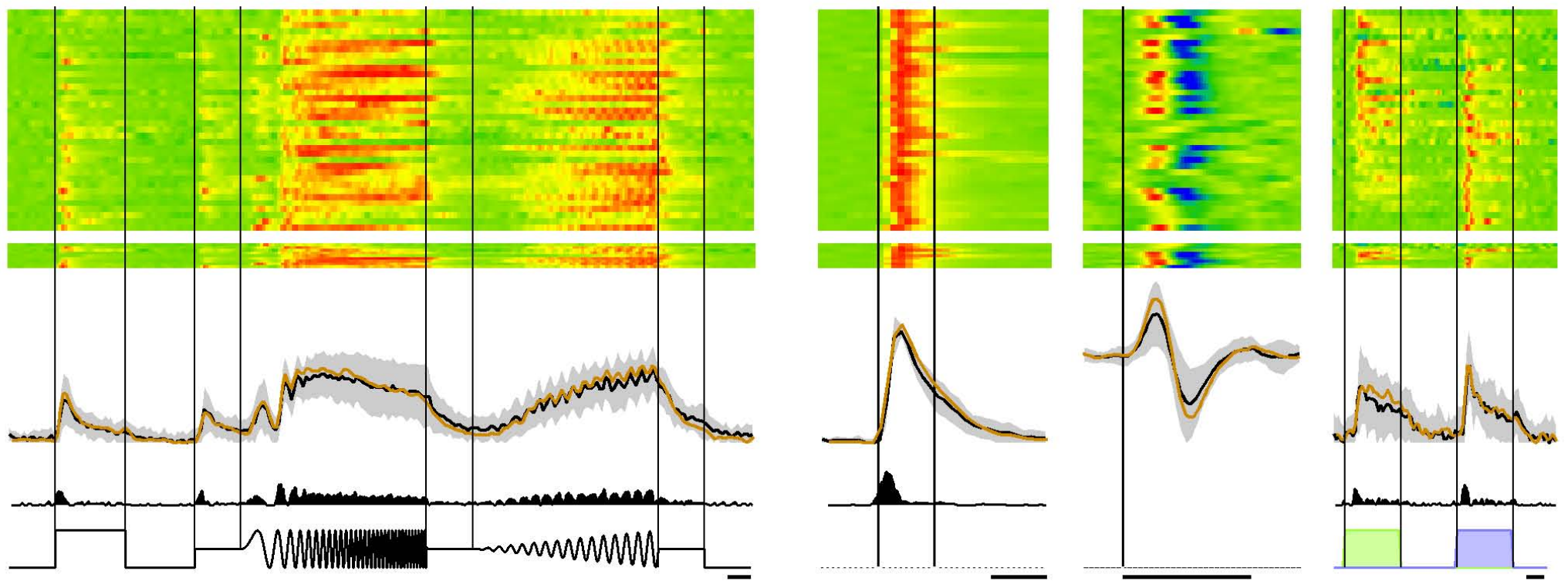
n = 65 Cells, 0.81%, (1.29% of RGCs); CF: 1.41

SFig. 3-27 a

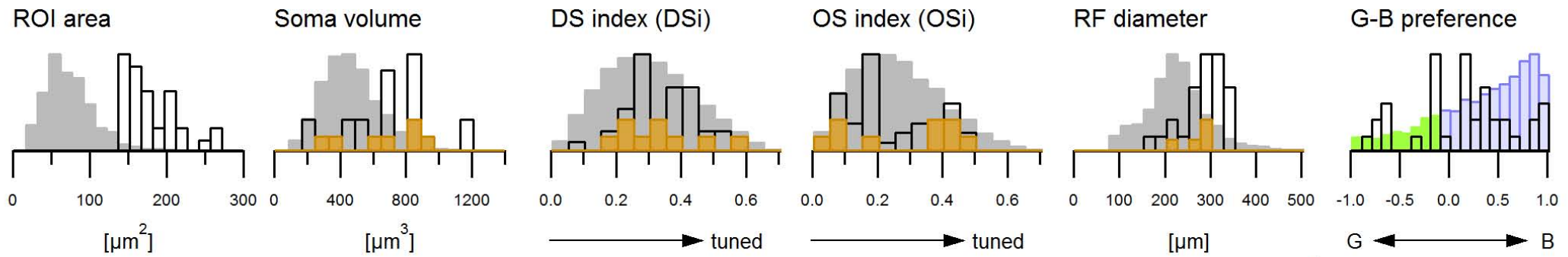


Group 18 ON trans. (b)
 n = 106 Cells, 1.33%, (2.11% of RGCs); CF: 2.2

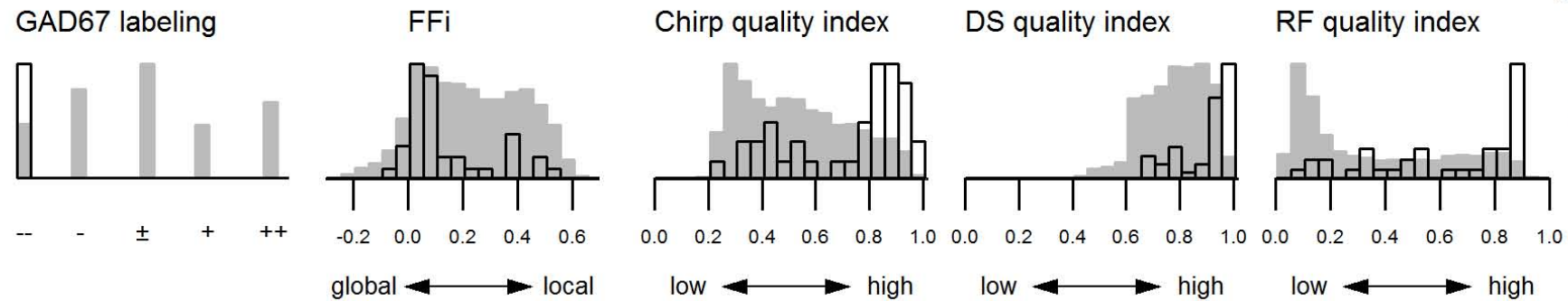
SFig. 3-28 a



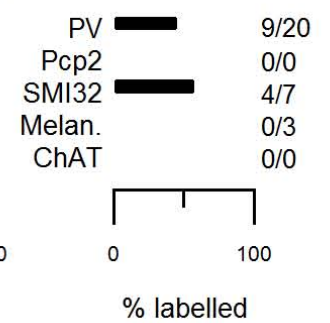
b



c

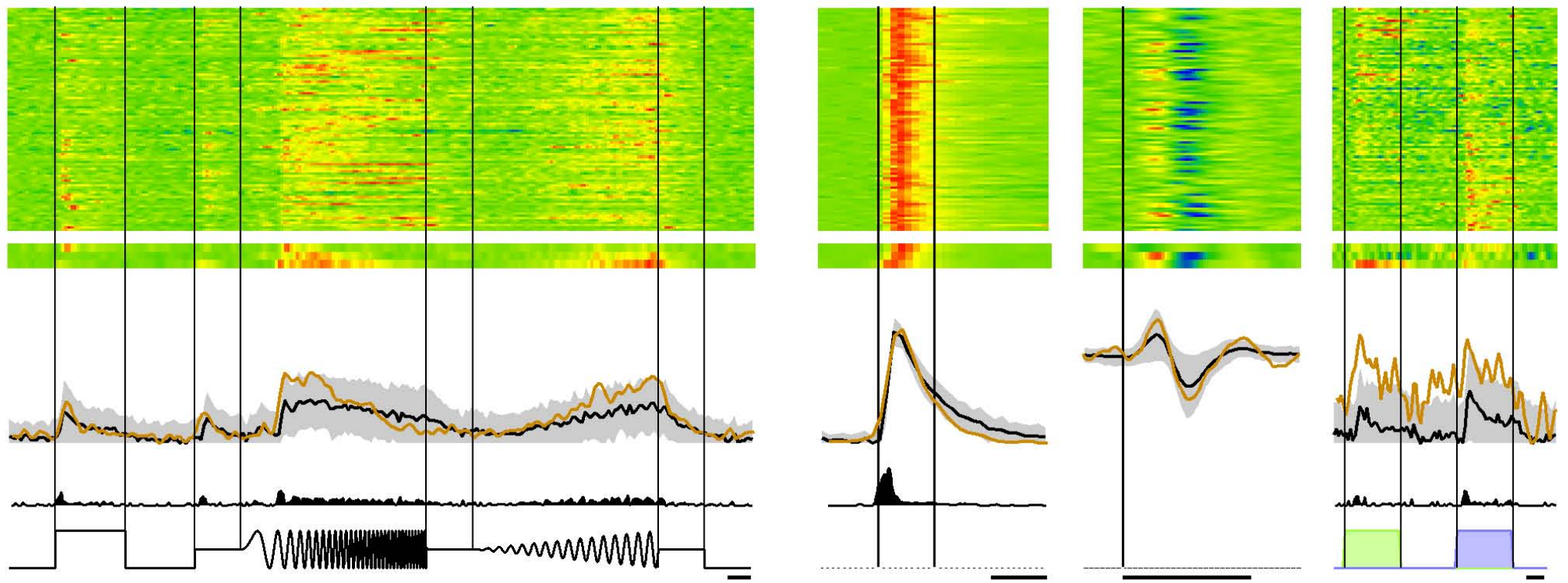


d

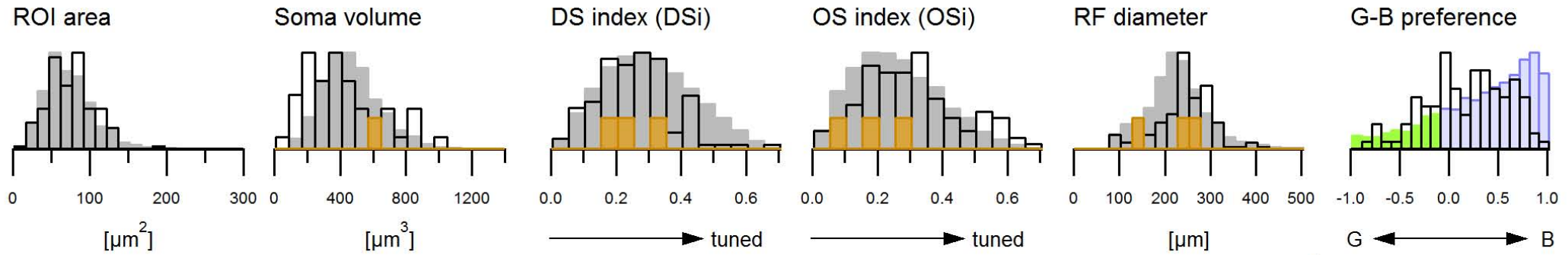


Group 19 ON trans., large
 n = 36 Cells, 0.45%, (0.72% of RGCs); CF: 0.97

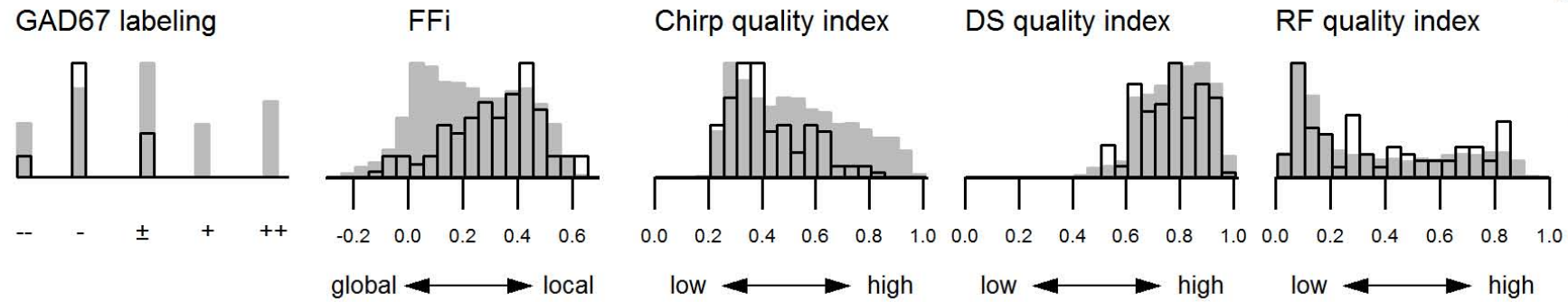
SFig. 3-29 a



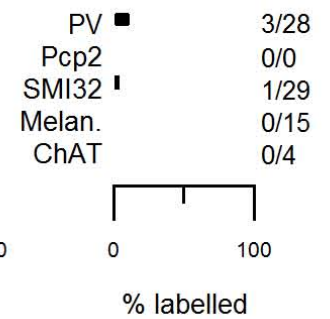
b



c



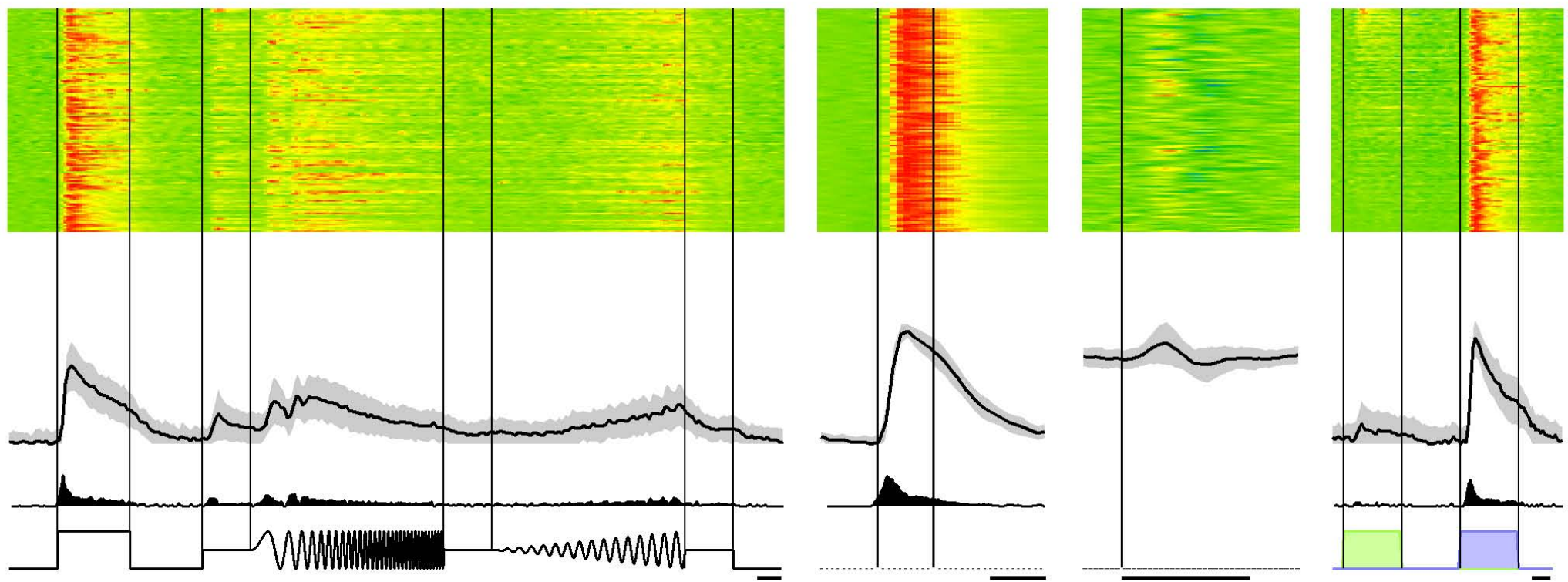
d



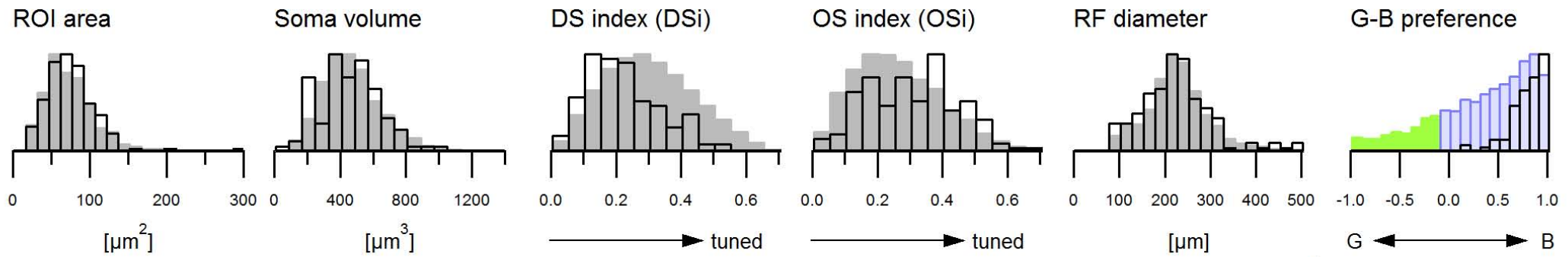
Group 20 ON high freq.

n = 95 Cells, 1.19%, (1.89% of RGCs); CF: 1.94

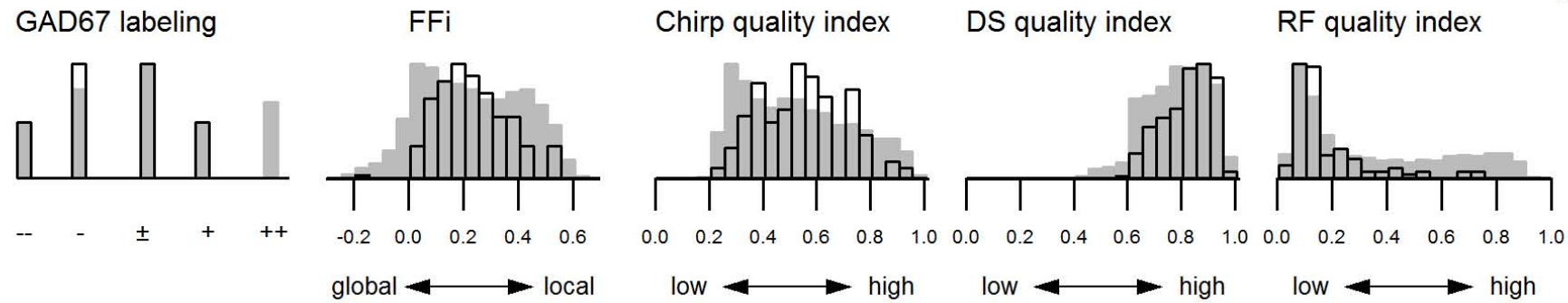
SFig. 3-30 a



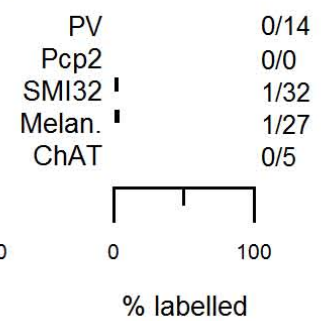
b



c



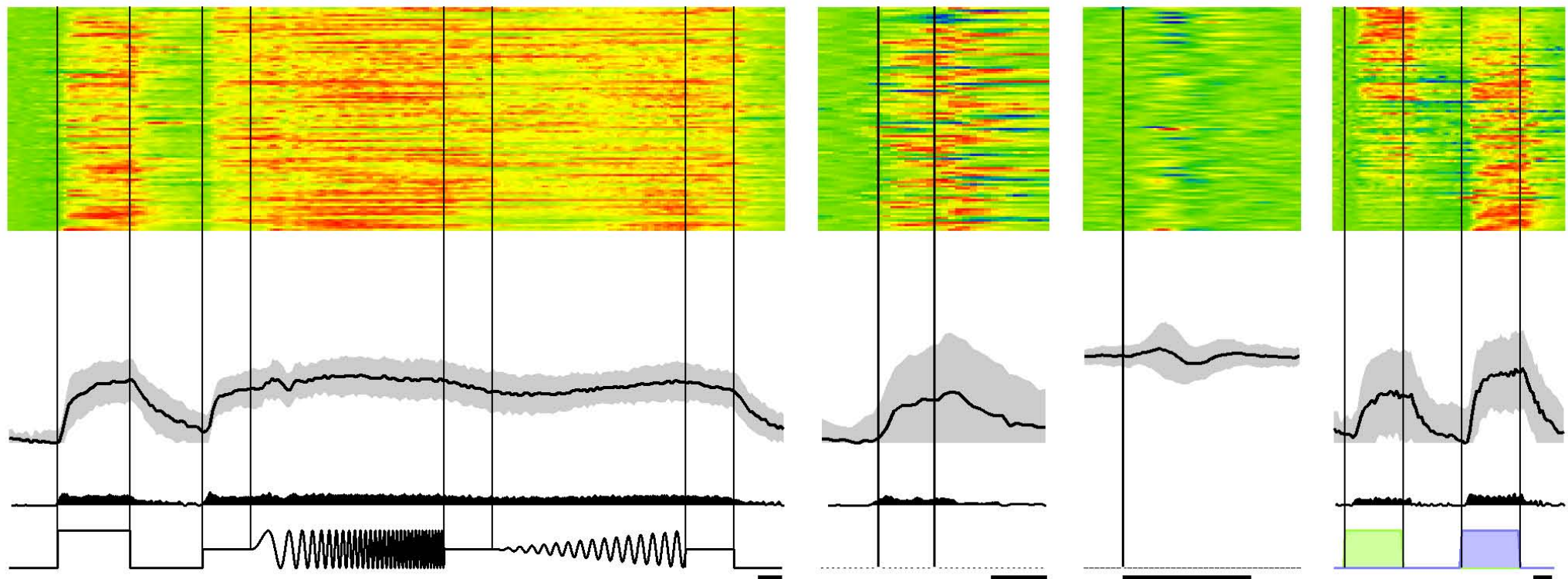
d



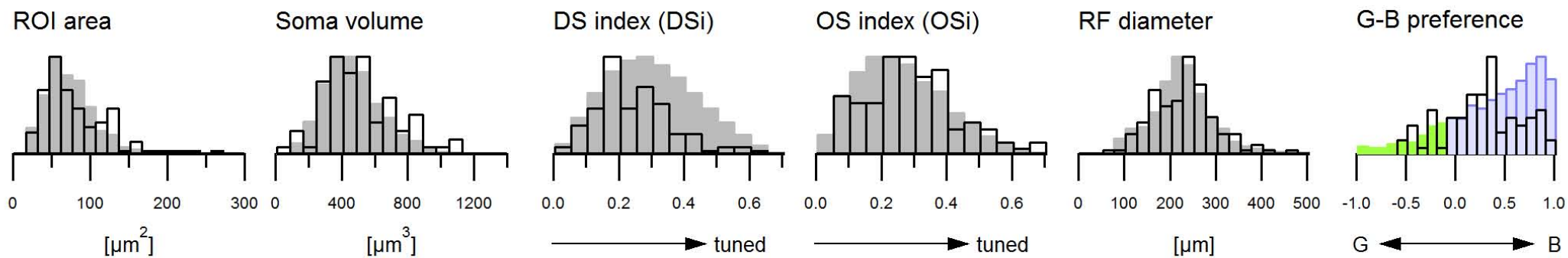
Group 21 ON low freq.

n = 125 Cells, 1.57%, (2.49% of RGCs); CF: 2.38

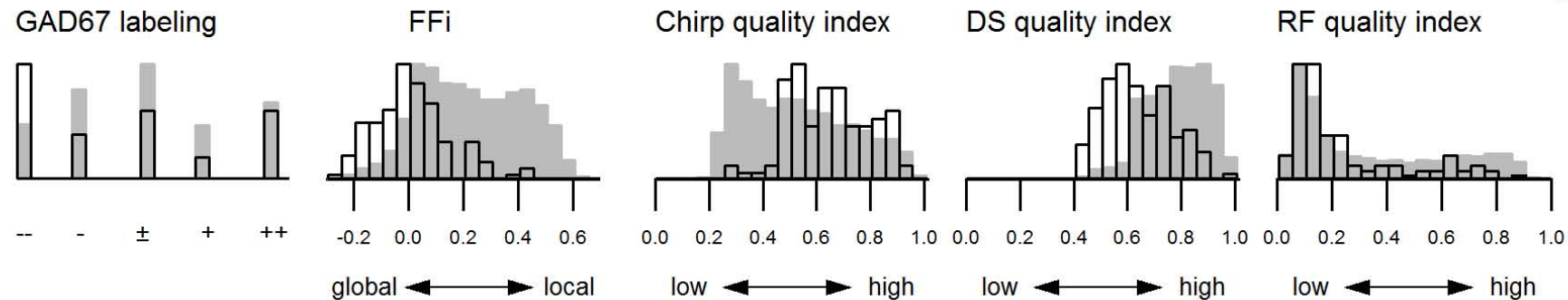
SFig. 3-31 a



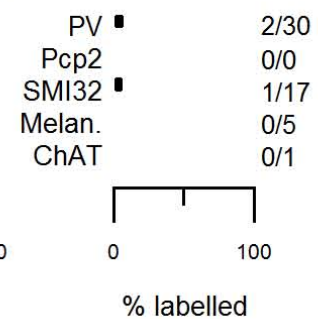
b



c



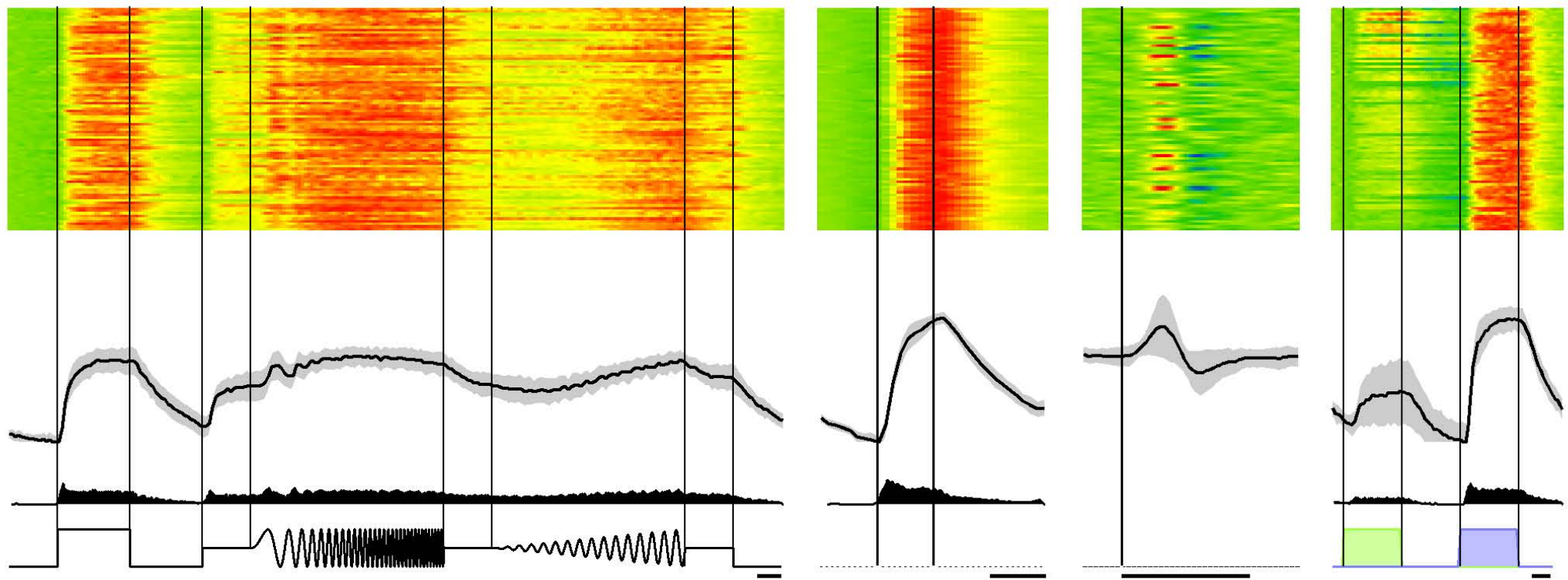
d



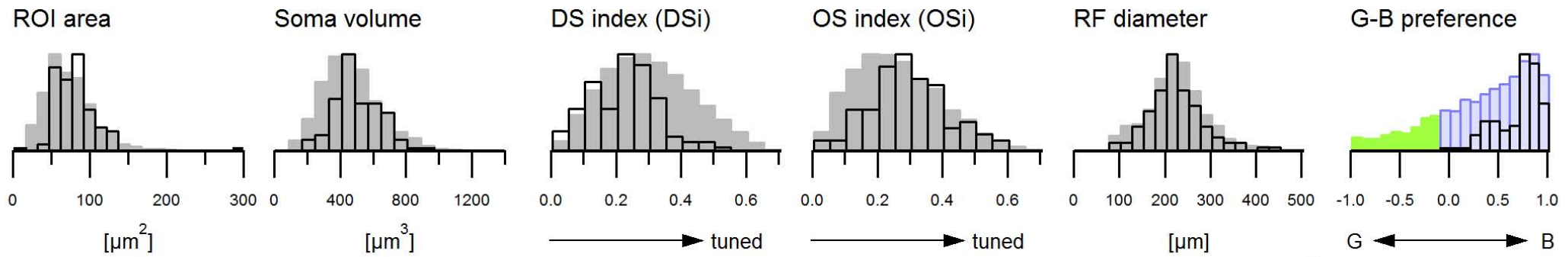
Group 22 ON sust. (a)

n = 98 Cells, 1.23%, (1.95% of RGCs); CF: 2.09

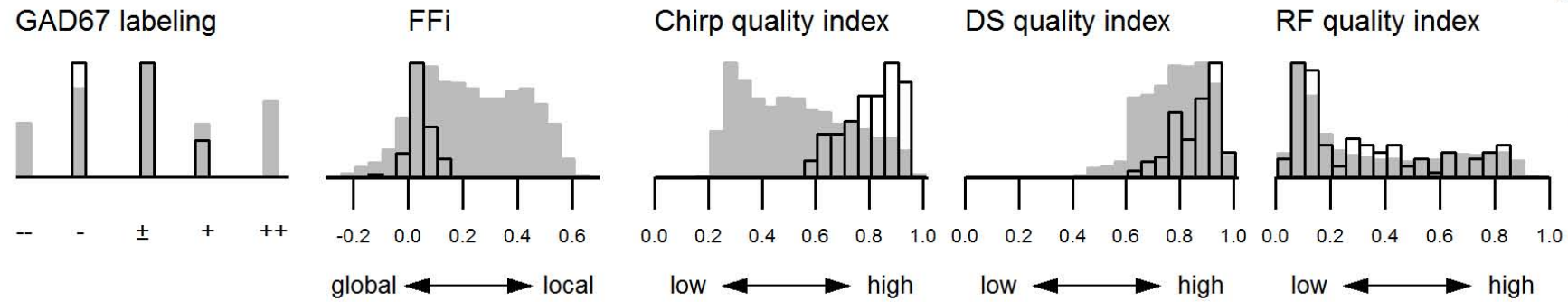
SFig. 3-32 a



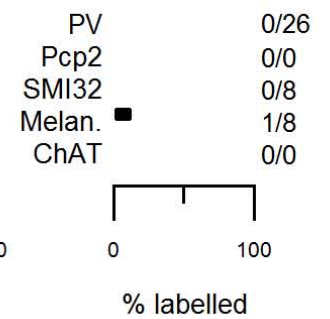
b



c



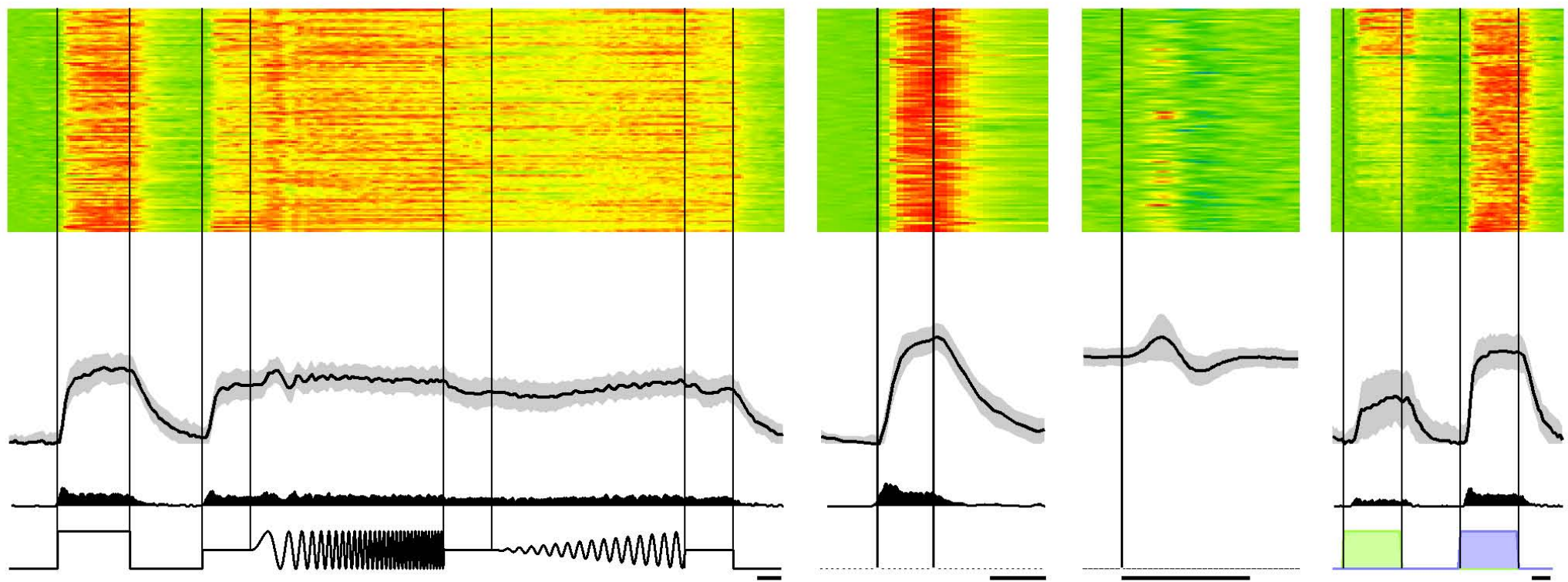
d



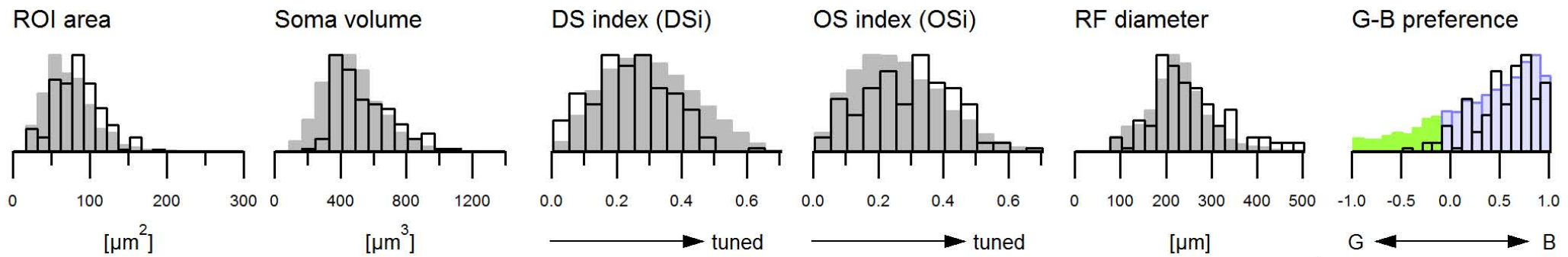
Group 22 ON sust. (b)

n = 85 Cells, 1.06%, (1.69% of RGCs); CF: 1.48

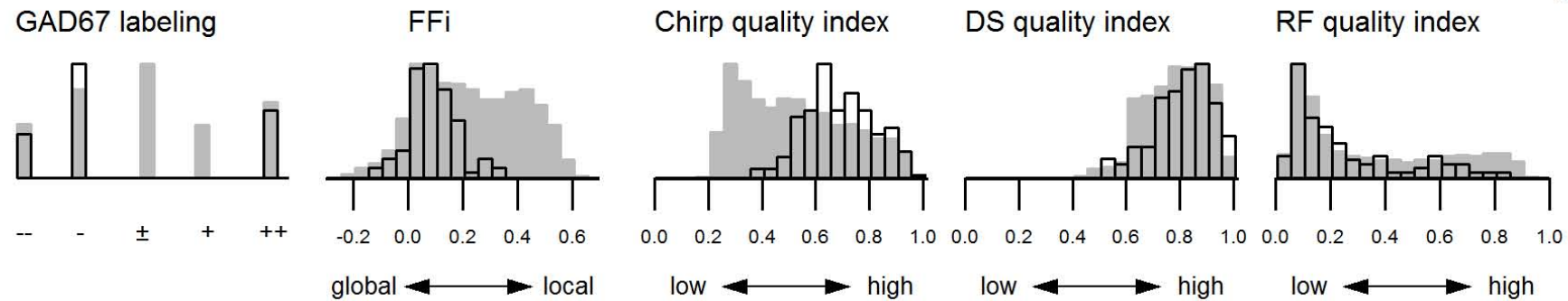
SFig. 3-33 a



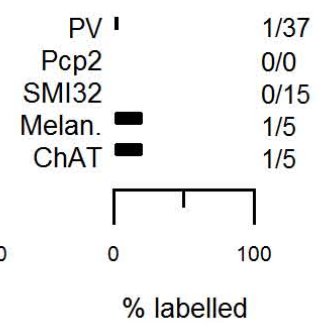
b



c



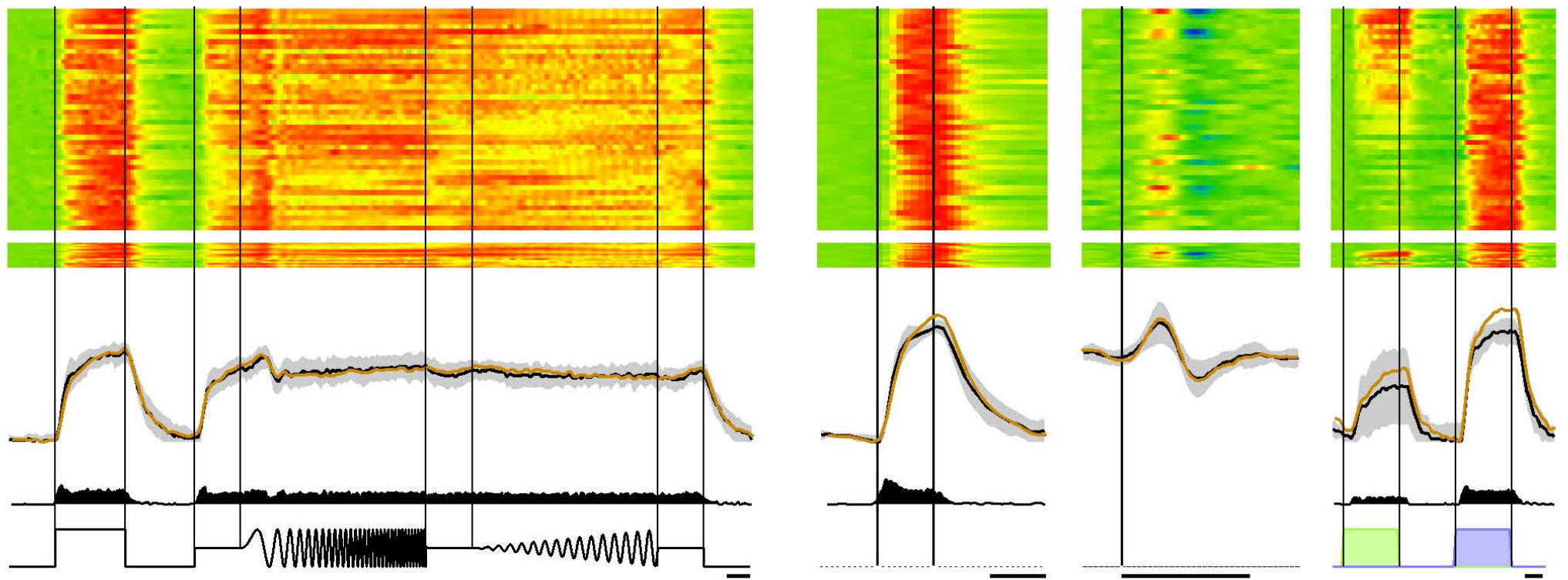
d



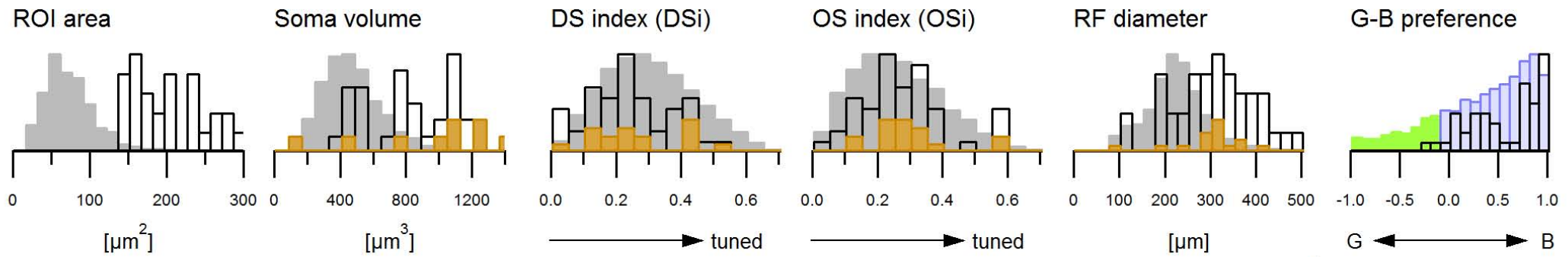
Group 23 ON "mini" alpha

n = 113 Cells, 1.42%, (2.25% of RGCs); CF: 2.82

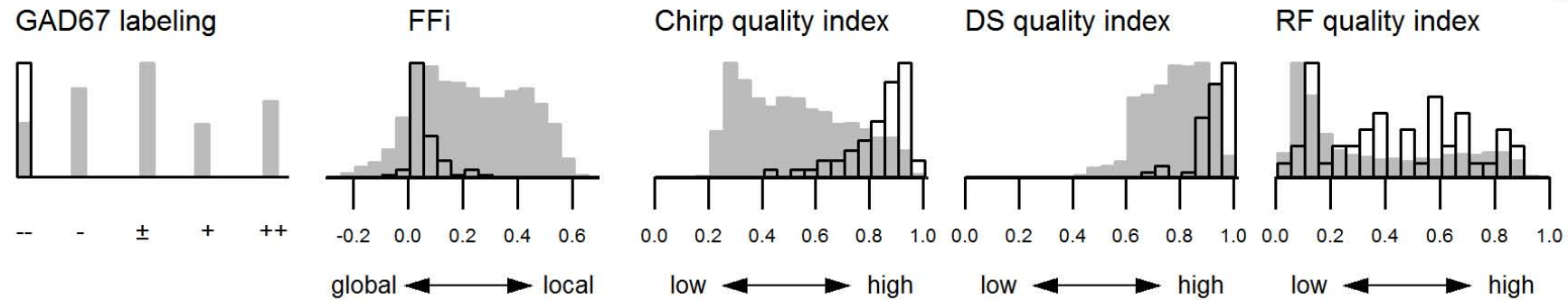
SFig. 3-34 a



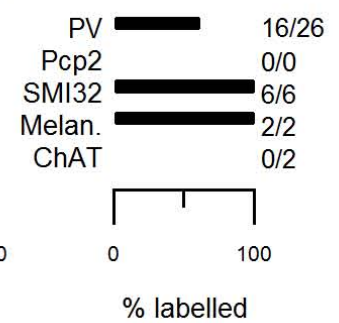
b



c



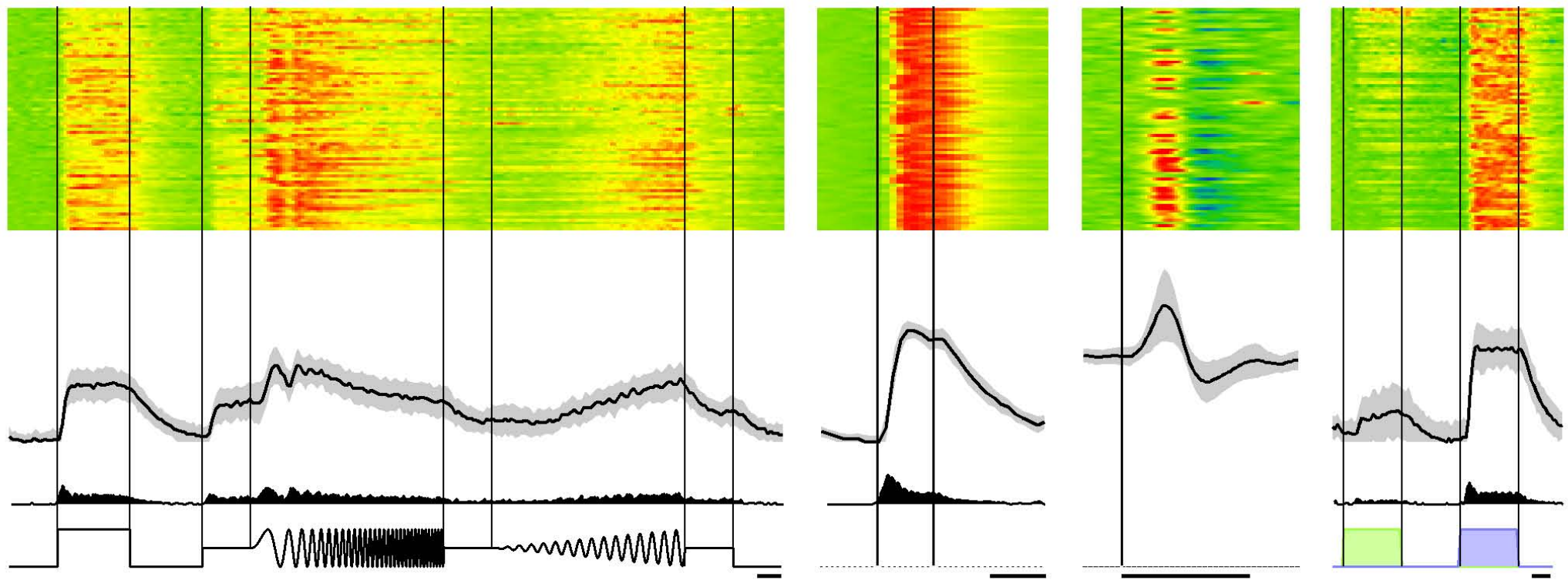
d



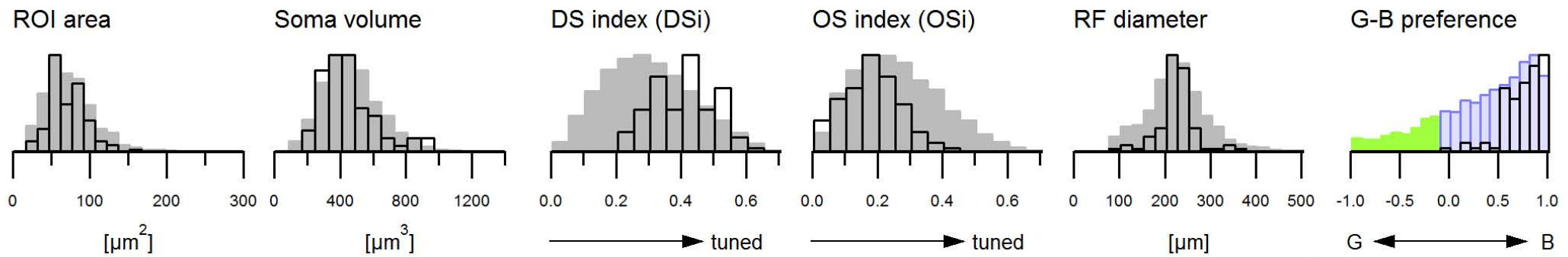
Group 24 ON alpha

n = 44 Cells, 0.55%, (0.88% of RGCs); CF: 1.63

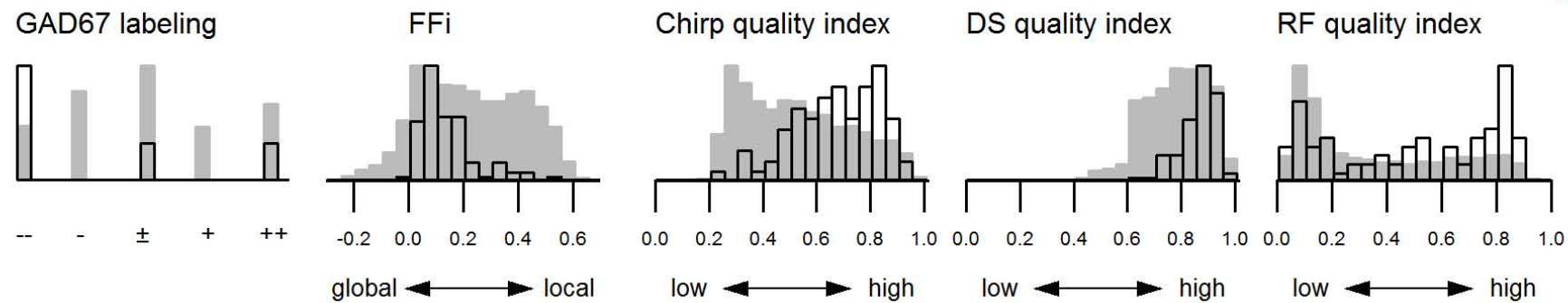
SFig. 3-35 a



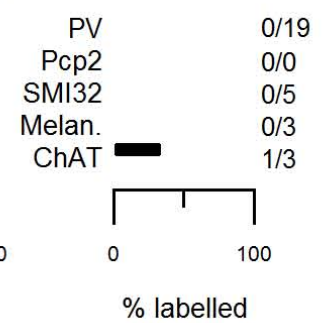
b



c



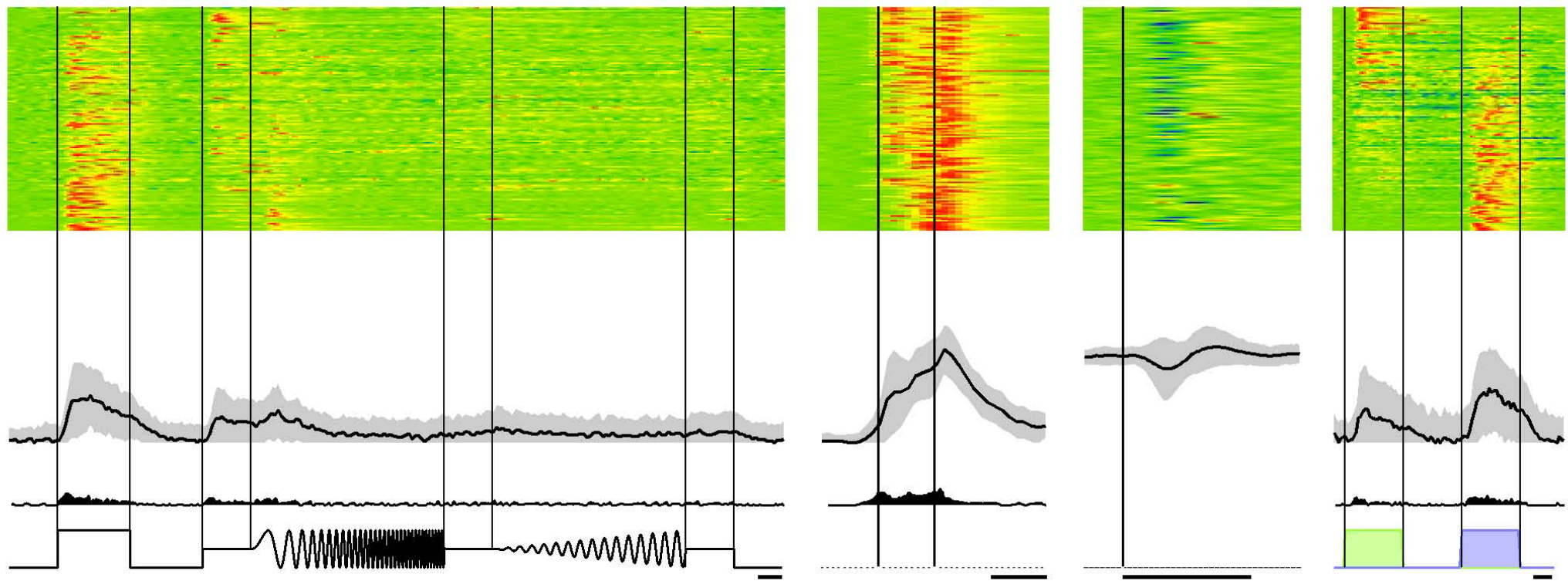
d



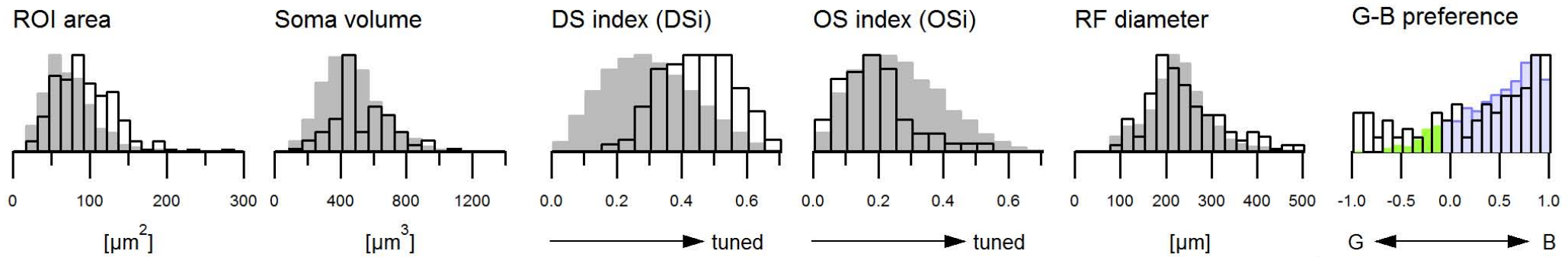
Group 25 ON DS sust. 1

n = 76 Cells, 0.95%, (1.51% of RGCs); CF: 1.17

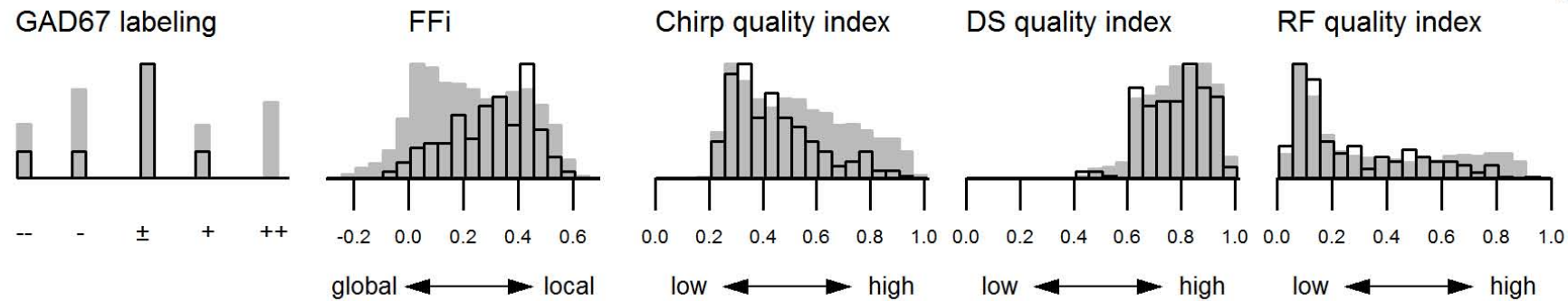
SFig. 3-36 a



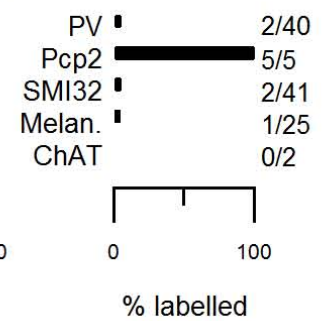
b



c



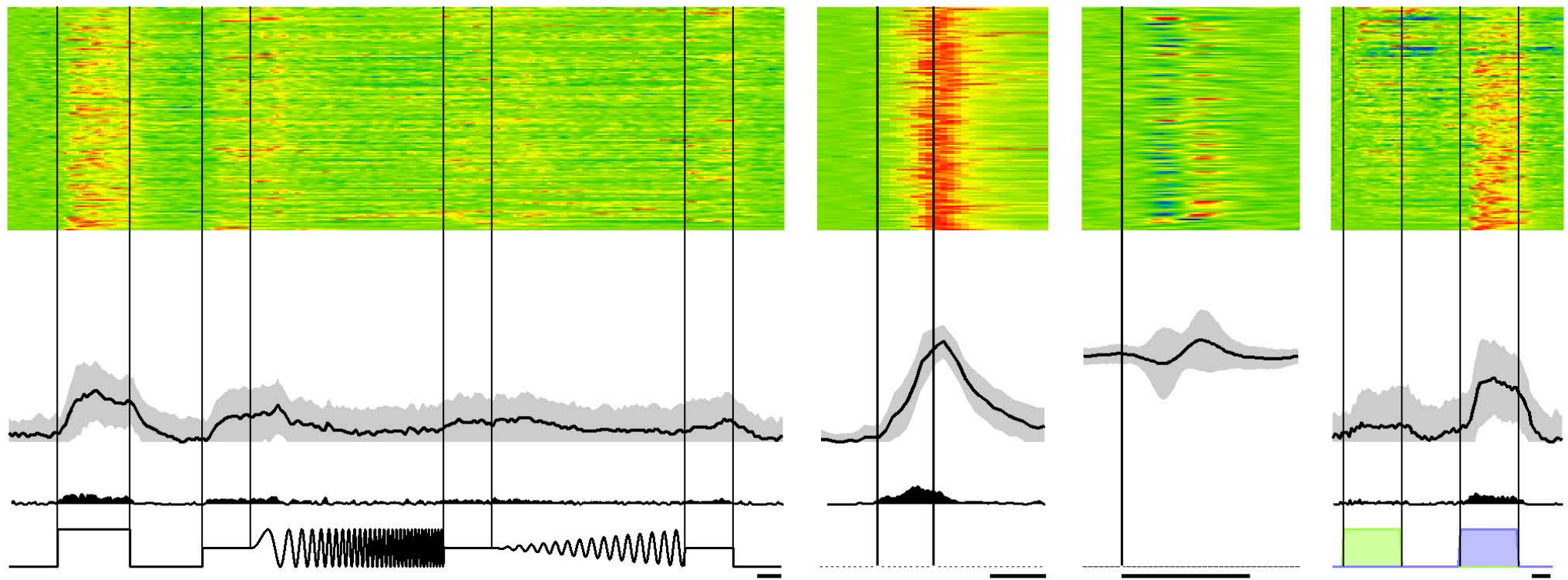
d



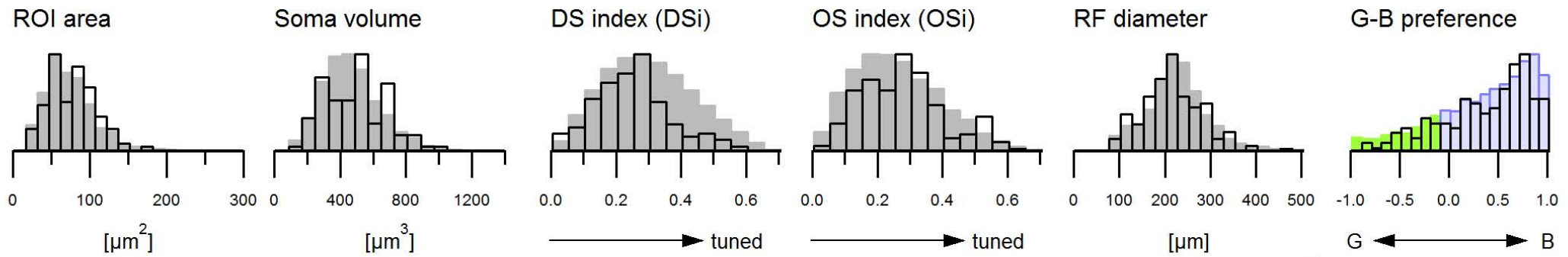
Group 26 ON DS sust. 2

n = 141 Cells, 1.77%, (2.81% of RGCs); CF: 2.44

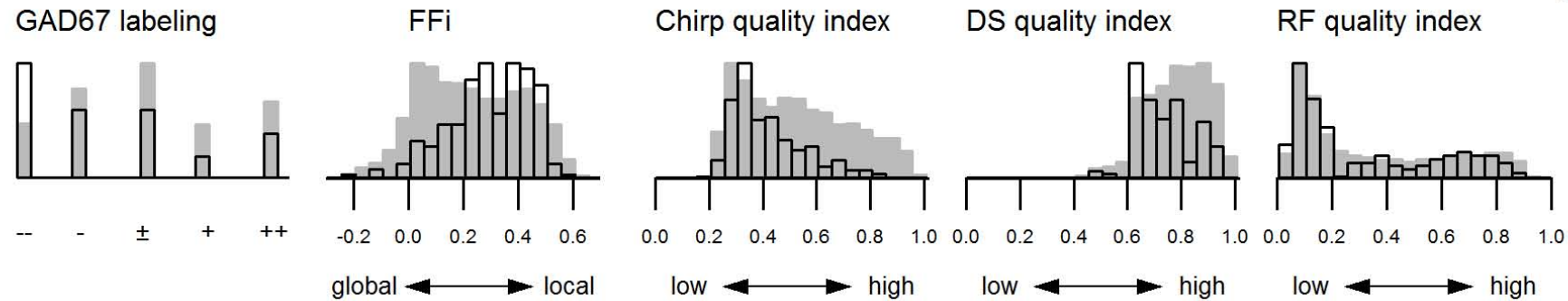
SFig. 3-37 a



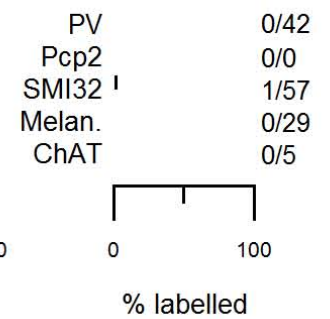
b



c



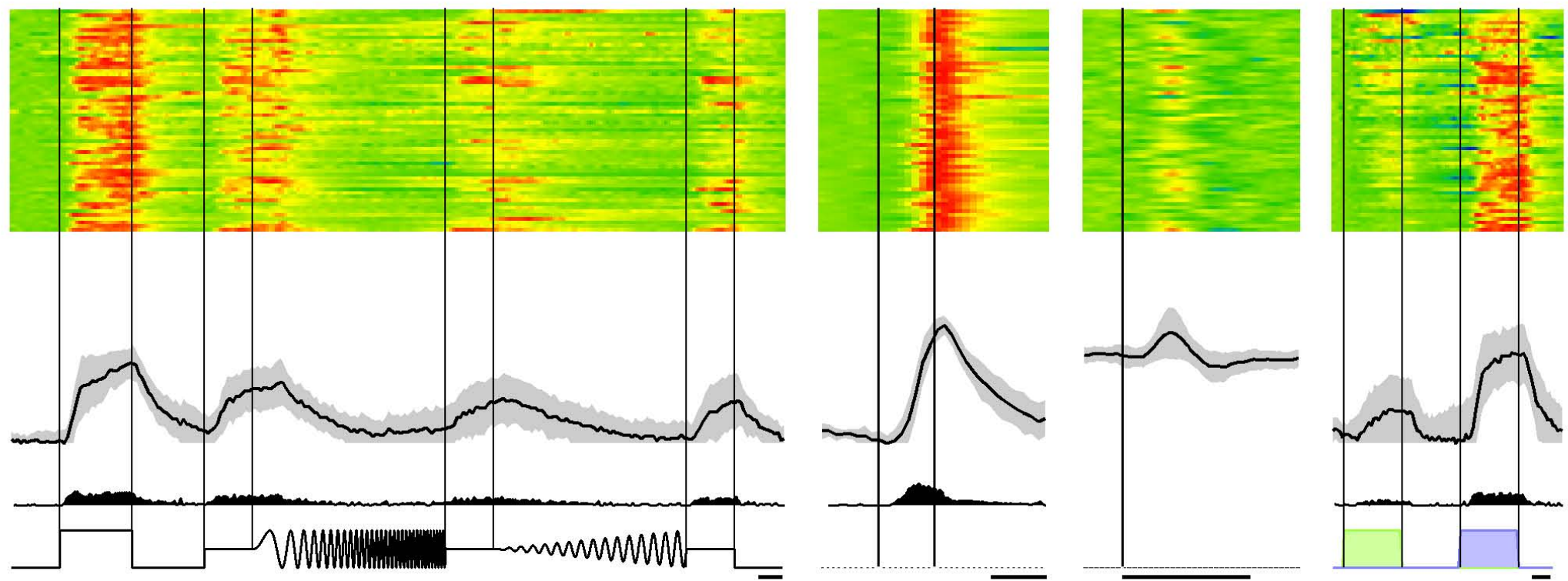
d



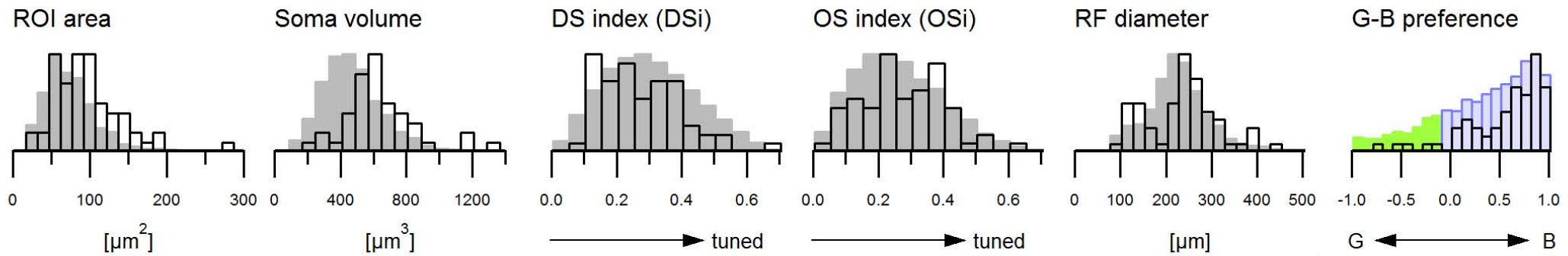
Group 27 ON slow

n = 152 Cells, 1.9%, (3.03% of RGCs); CF: 2.4

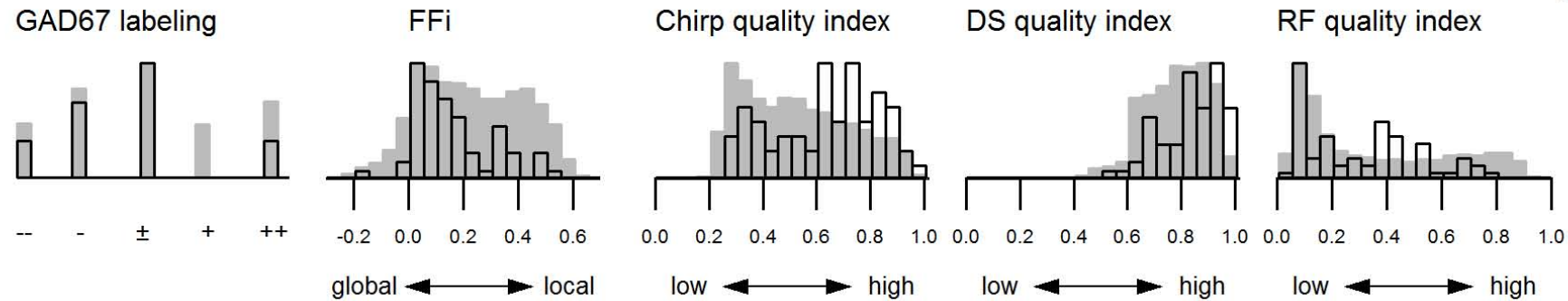
SFig. 3-38 a



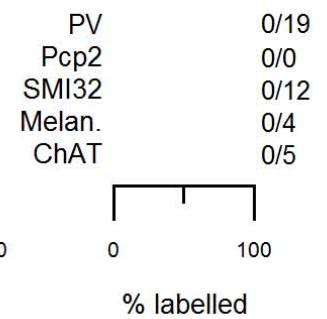
b



c



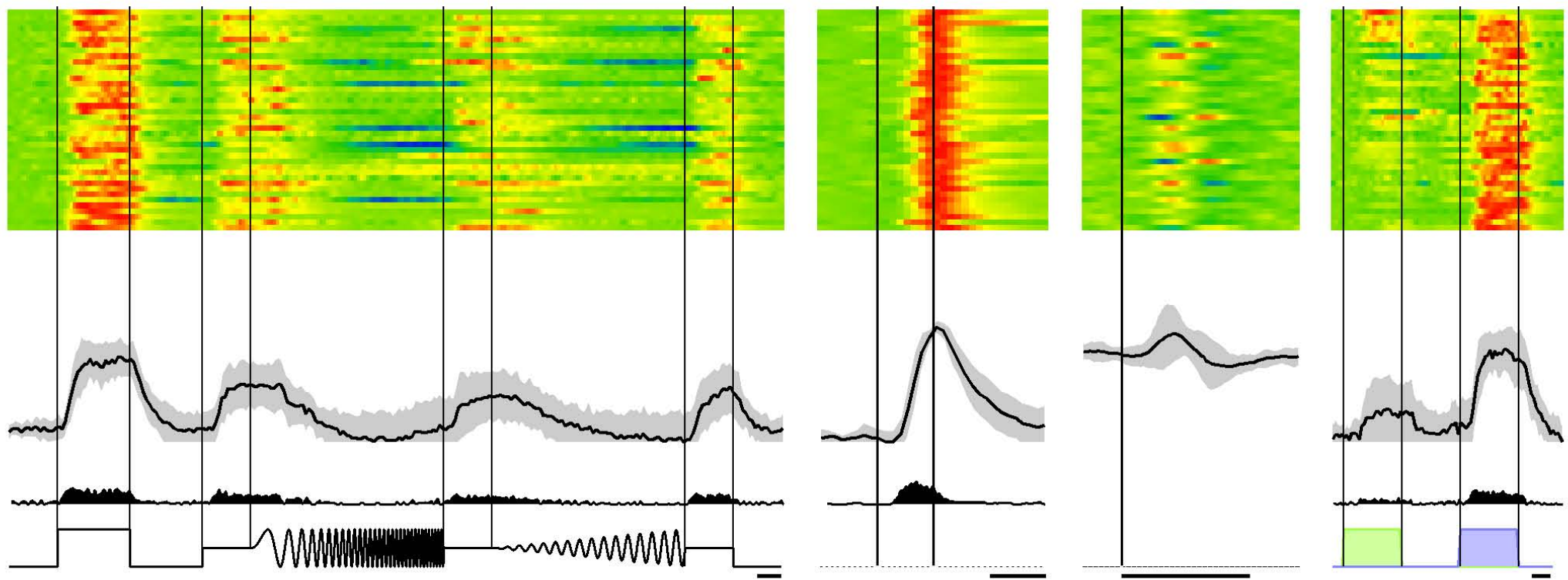
d



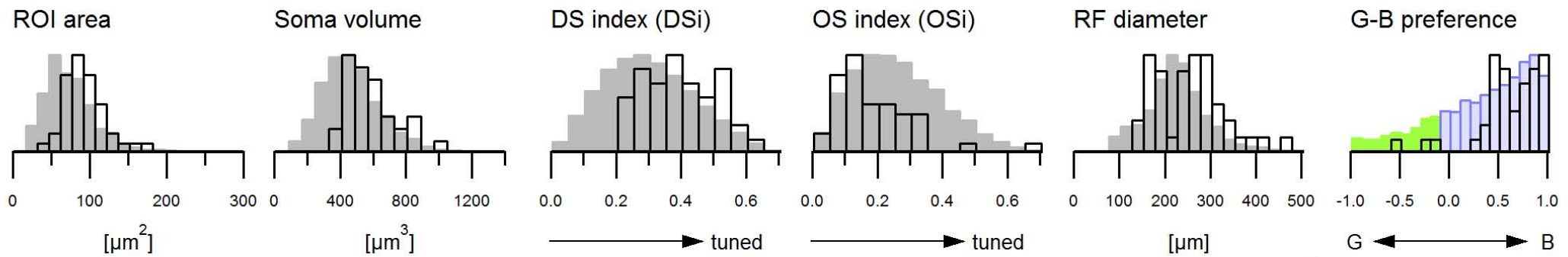
Group 28 ON contrast suppr. (a)

n = 60 Cells, 0.75%, (1.19% of RGCs); CF: 1.35

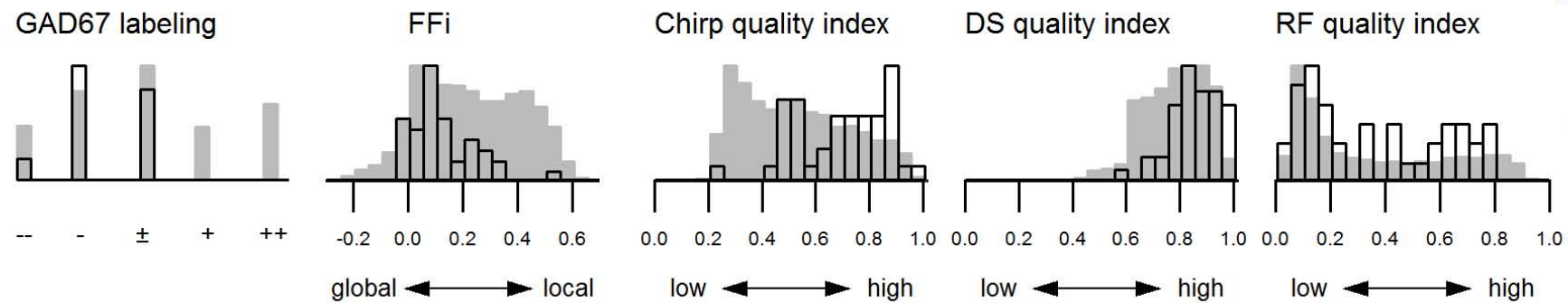
SFig. 3-39 a



b



c



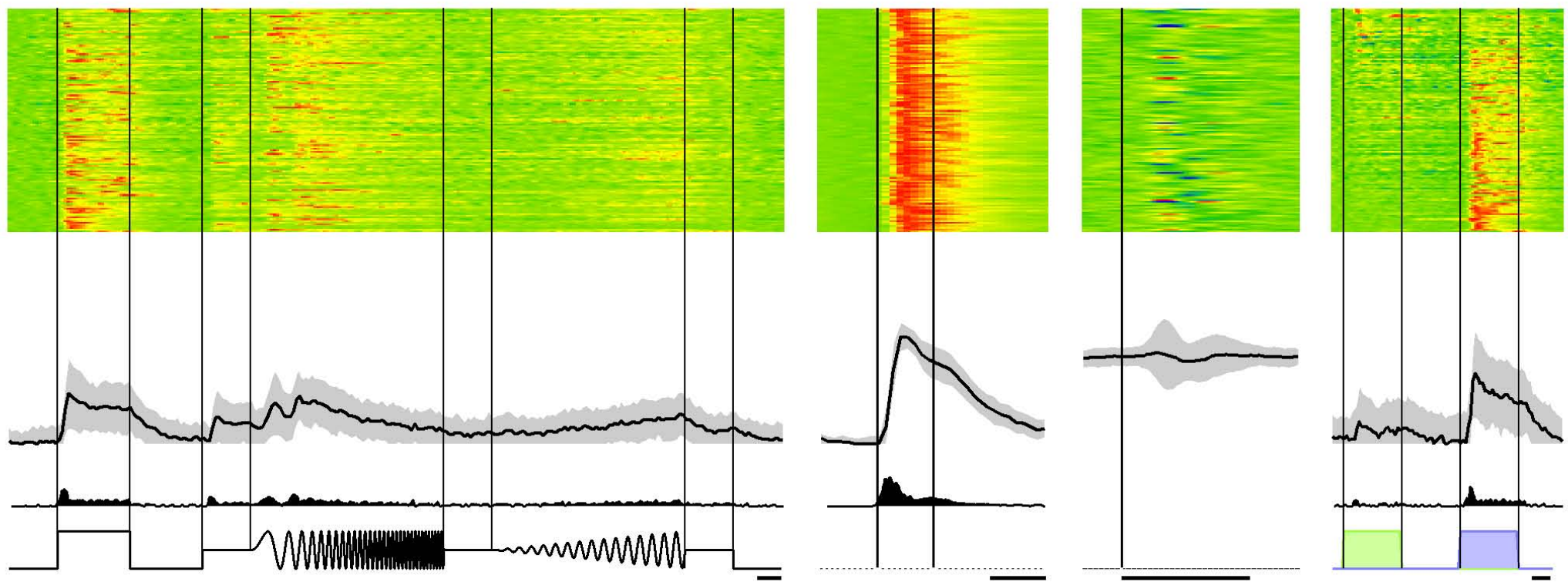
d



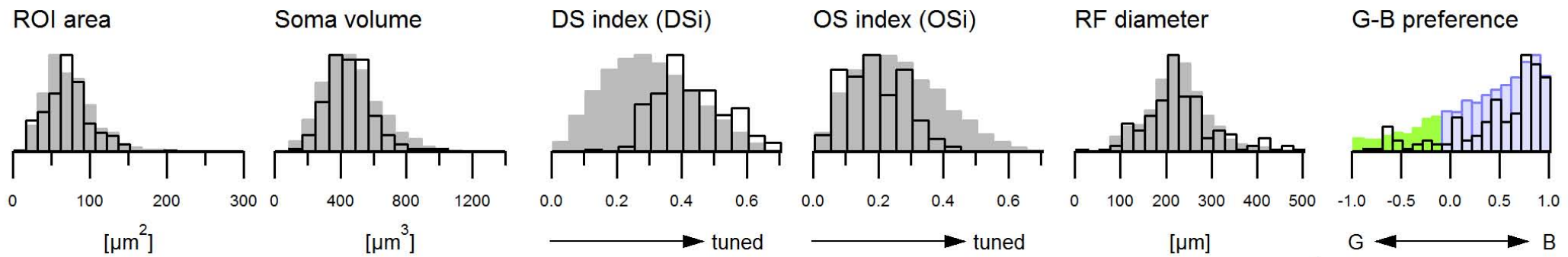
Group 28 ON contrast suppr. (b)

n = 40 Cells, 0.5%, (0.8% of RGCs); CF: 0.92

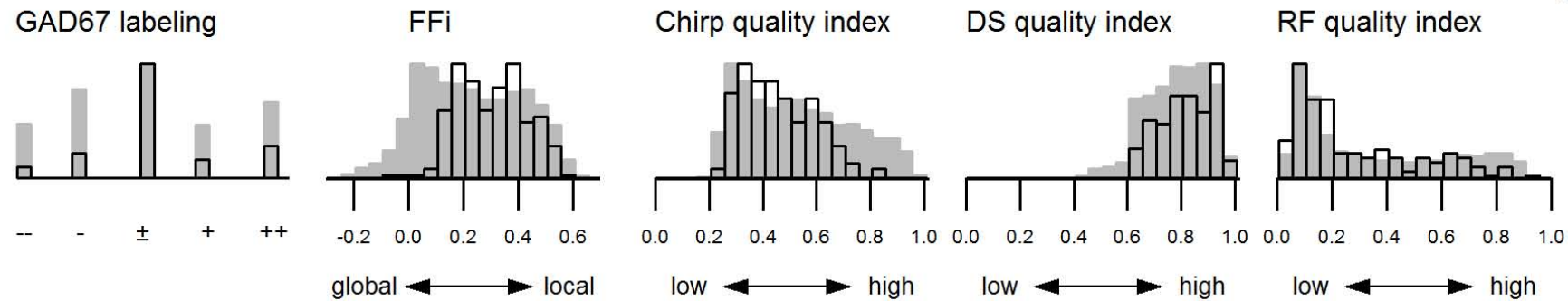
SFig. 3-40 a



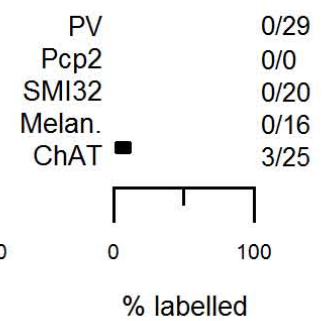
b



c



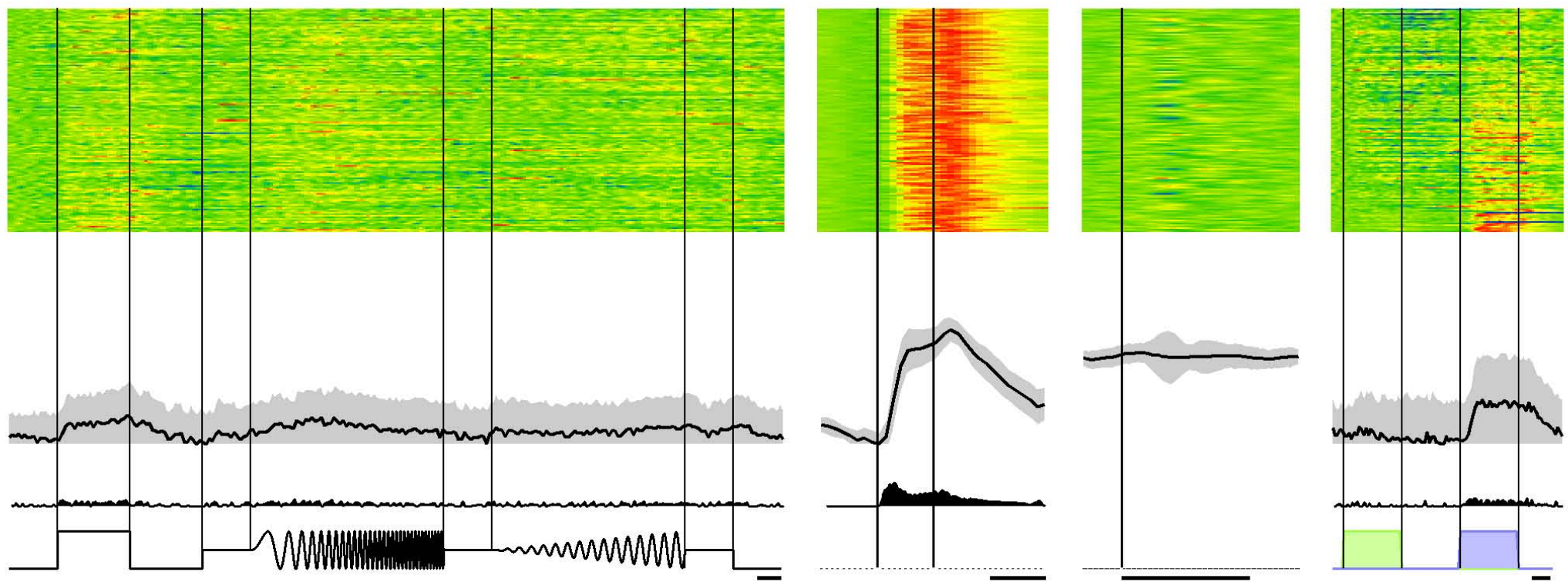
d



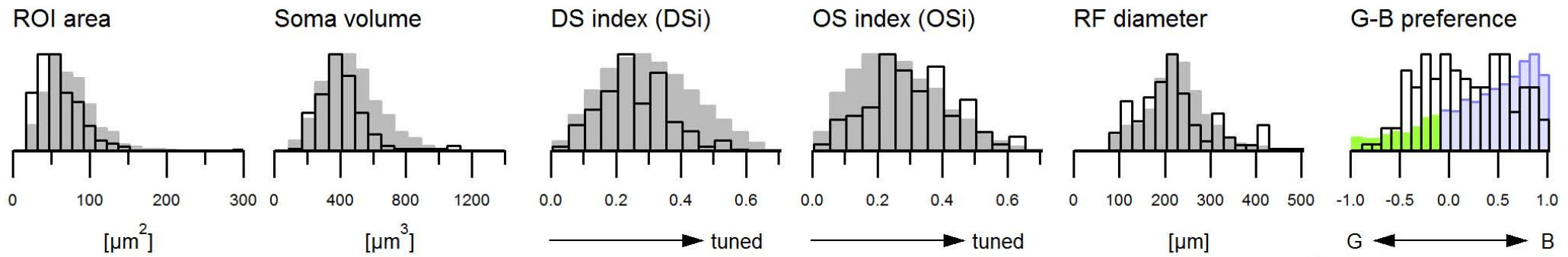
Group 29 ON DS sust. 3

n = 130 Cells, 1.63%, (2.59% of RGCs); CF: 2.34

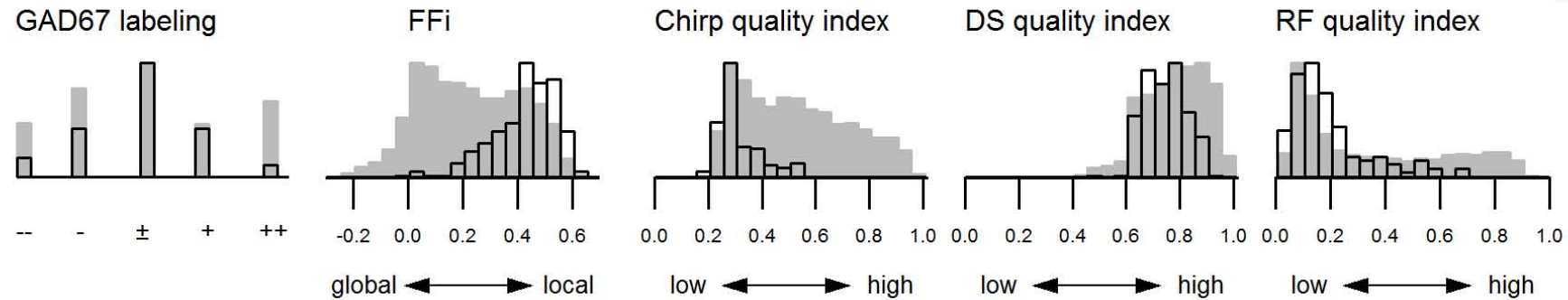
SFig. 3-41 a



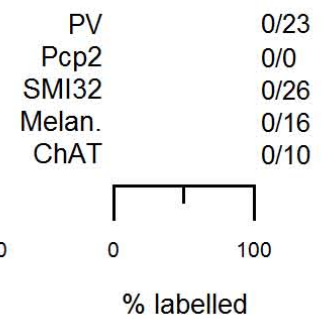
b



c

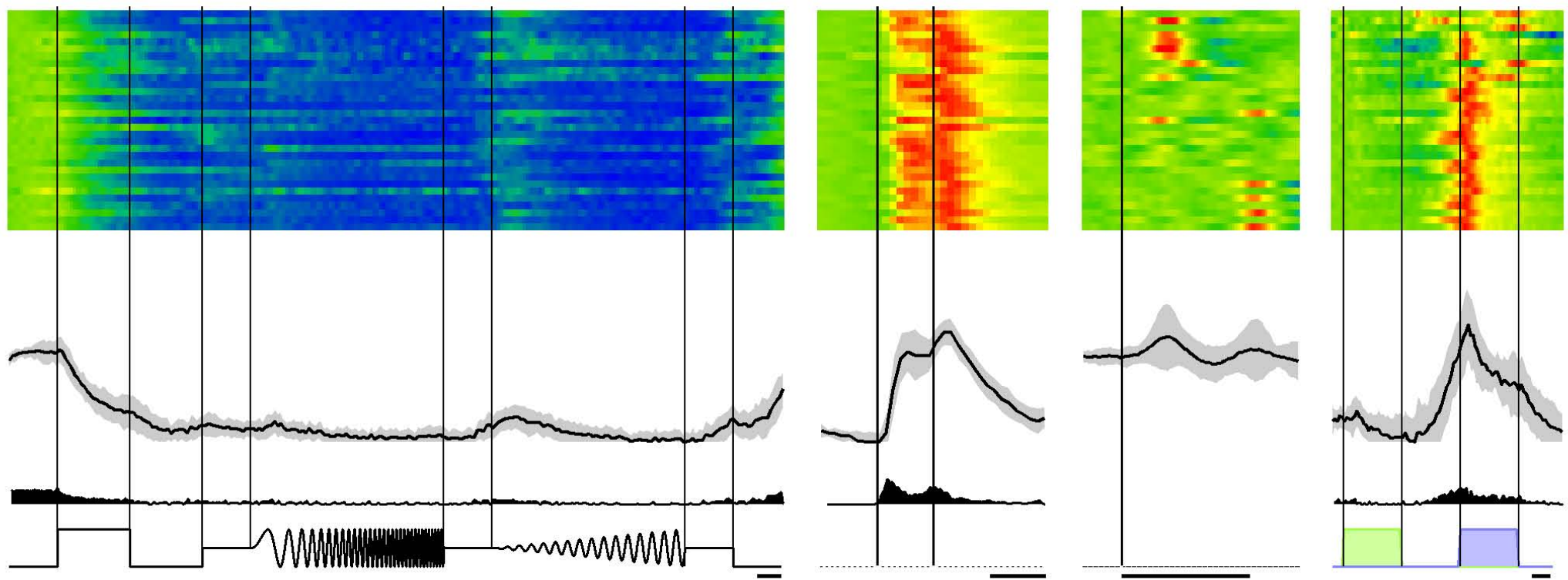


d

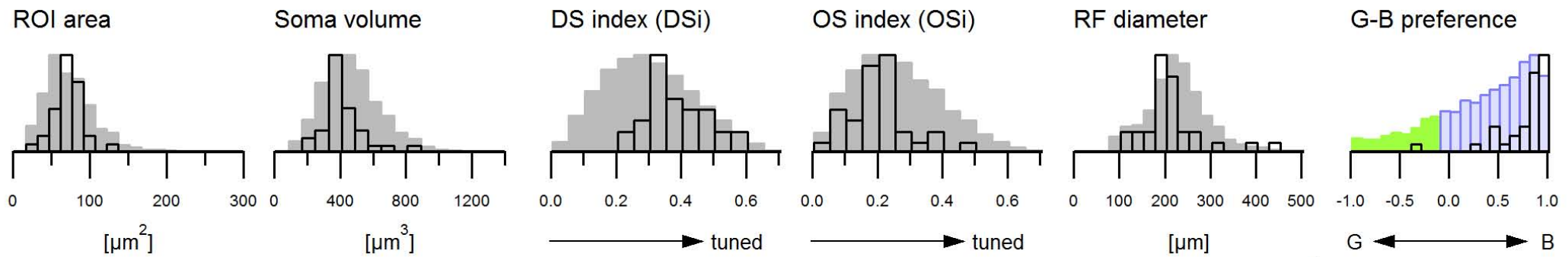


Group 30 ON local sust., OS
 n = 143 Cells, 1.79%, (2.85% of RGCs); CF: 2.43

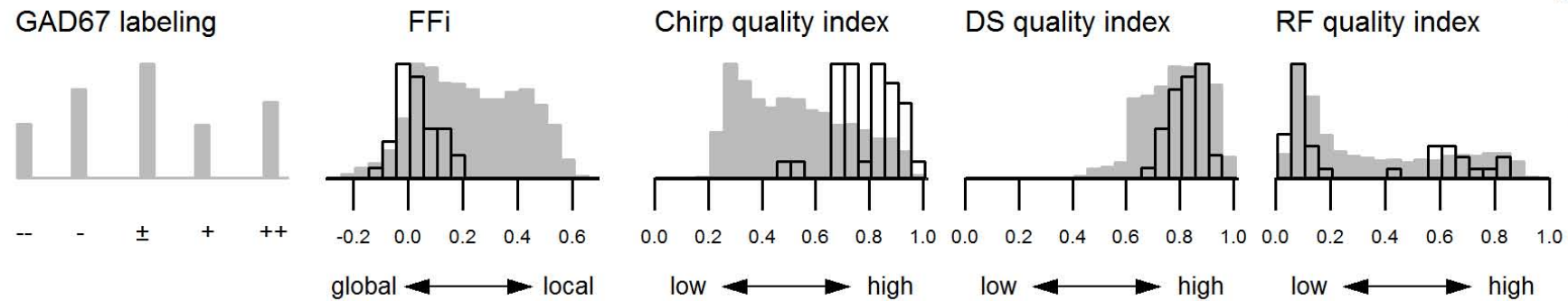
SFig. 3-42 a



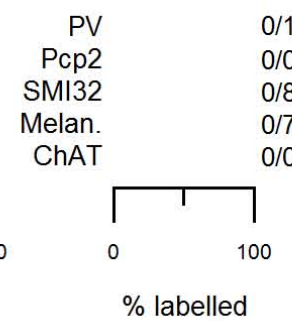
b



c



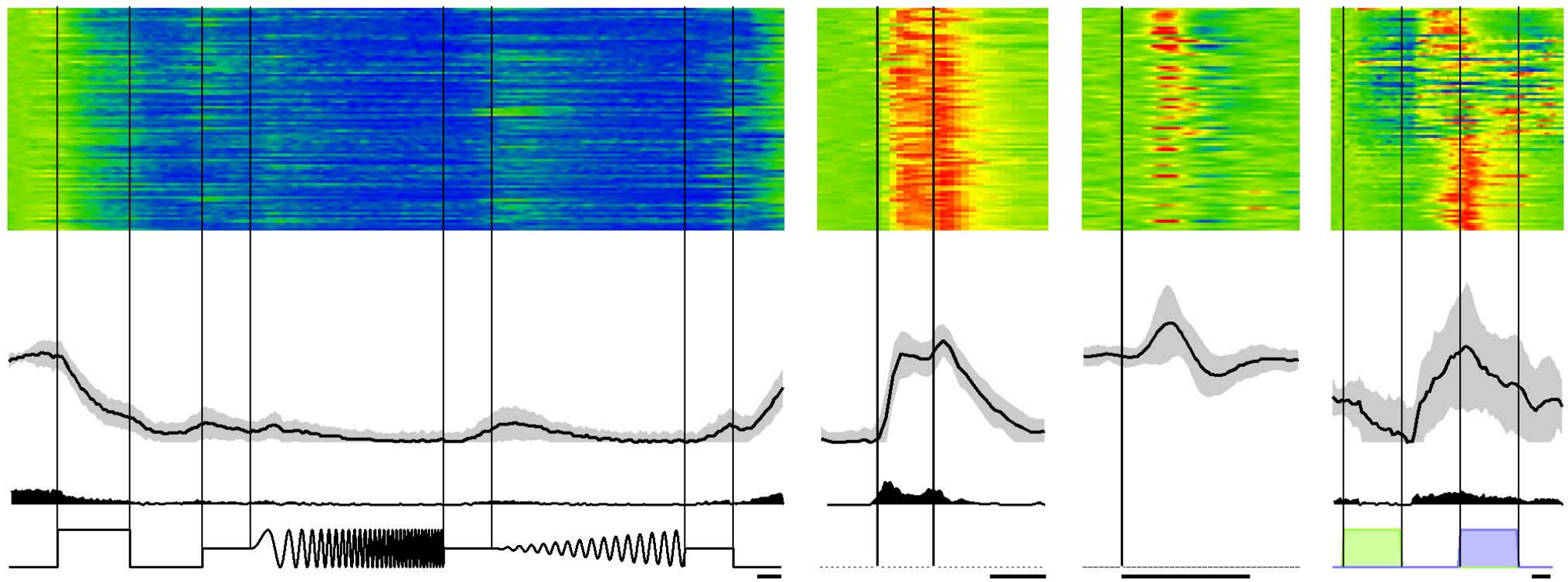
d



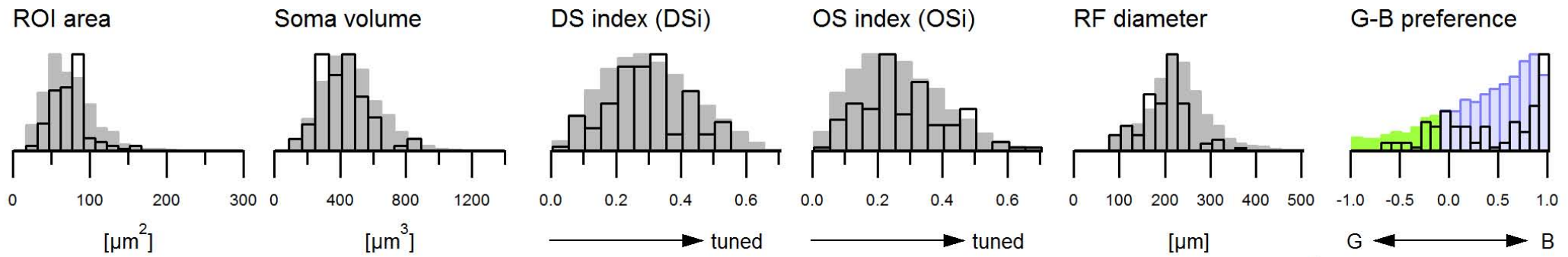
Group 31 OFF suppr. 1 (a)

n = 31 Cells, 0.39%, (0.62% of RGCs); CF: 0.4

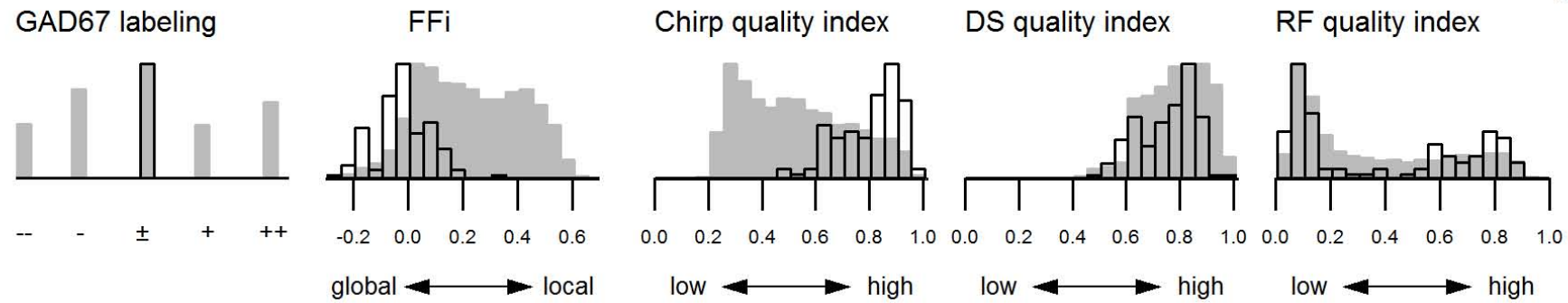
SFig. 3-43 a



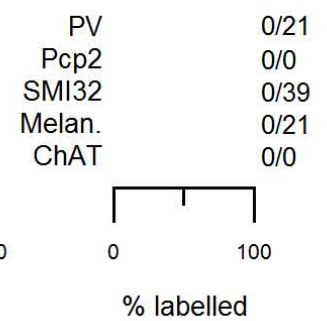
b



c



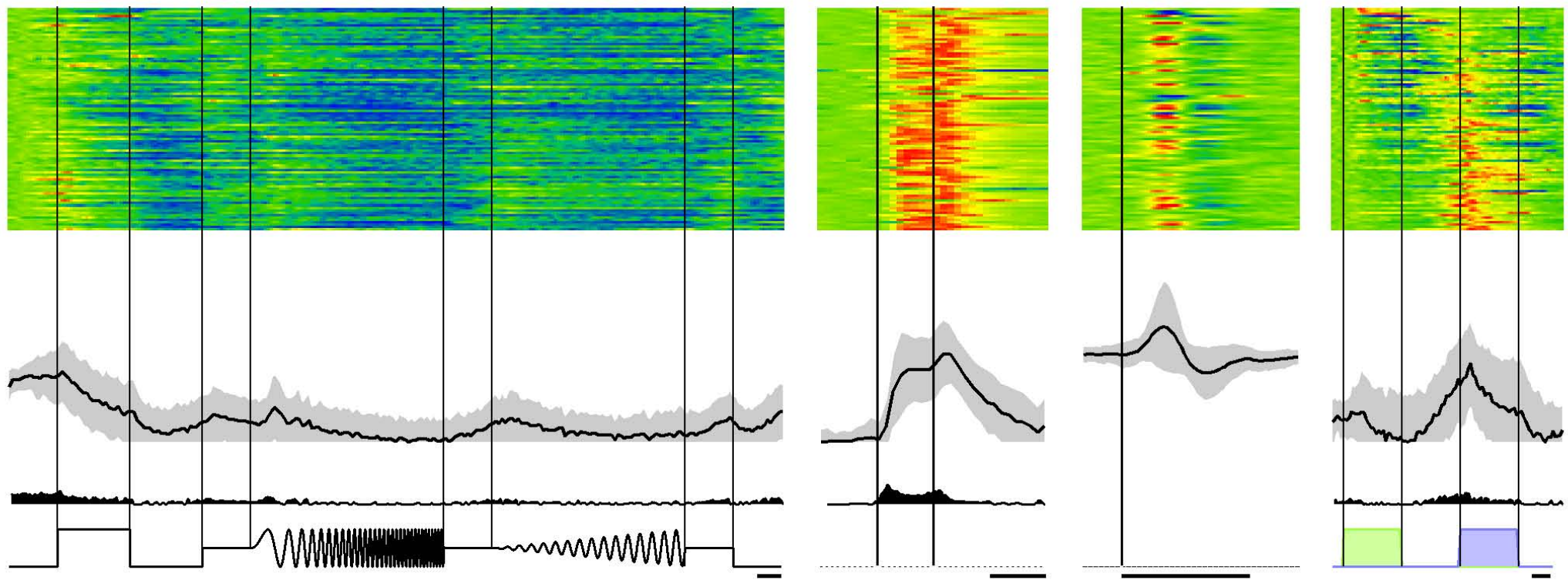
d



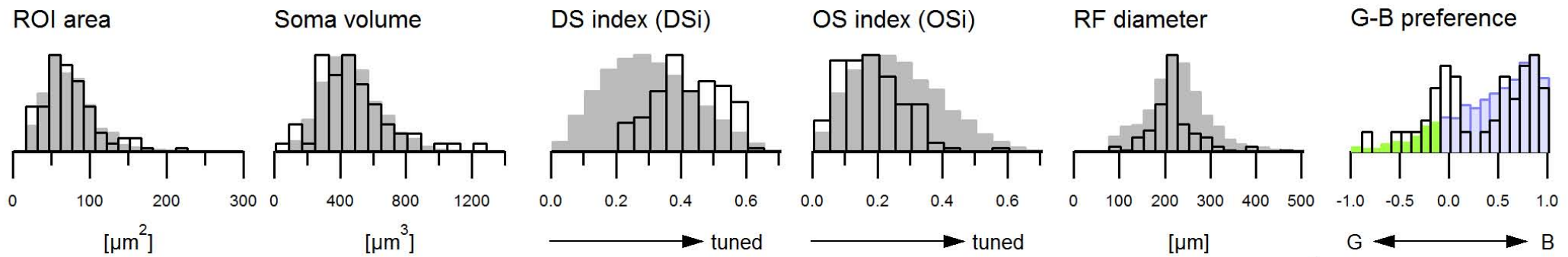
Group 31 OFF suppr. 1 (b)

n = 84 Cells, 1.05%, (1.67% of RGCs); CF: 1.18

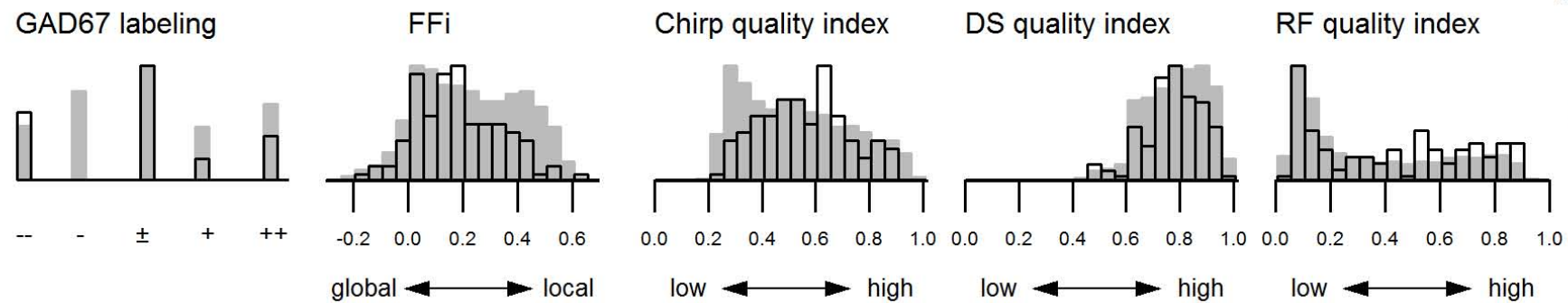
SFig. 3-44 a



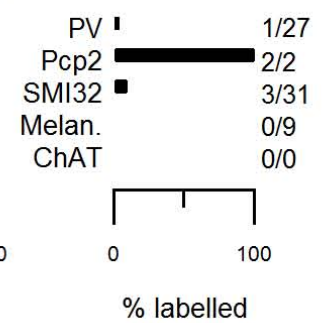
b



c



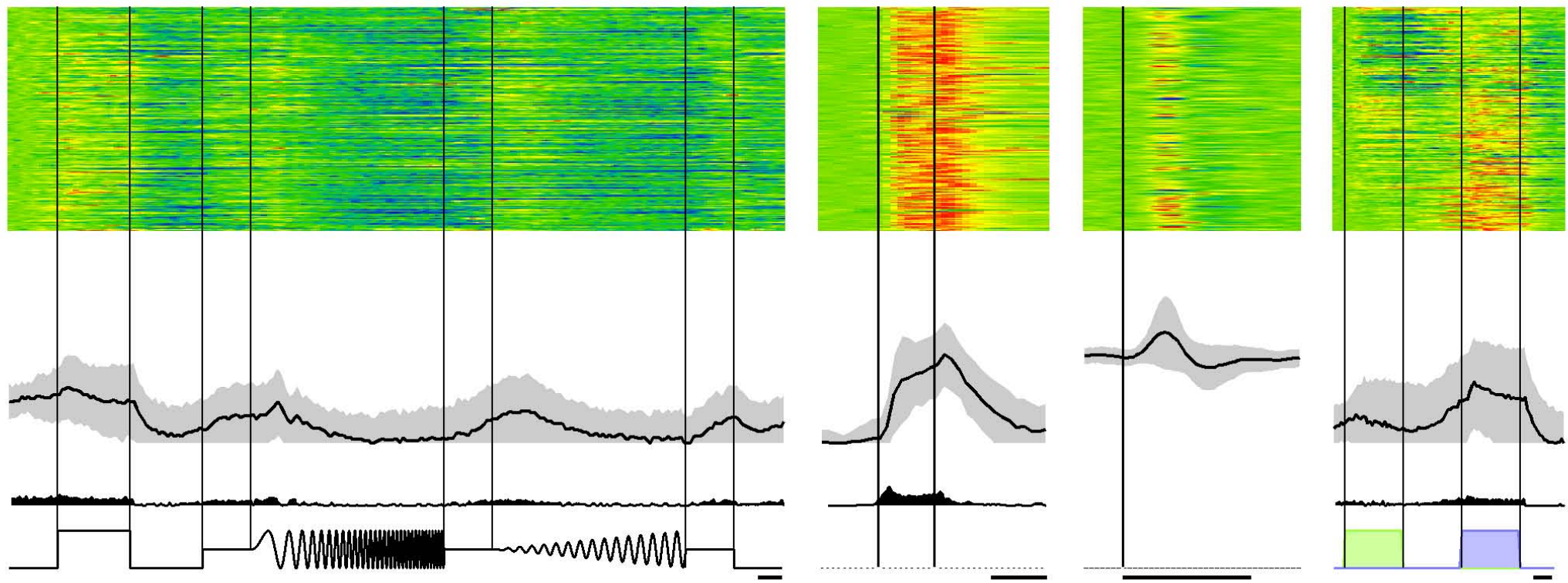
d



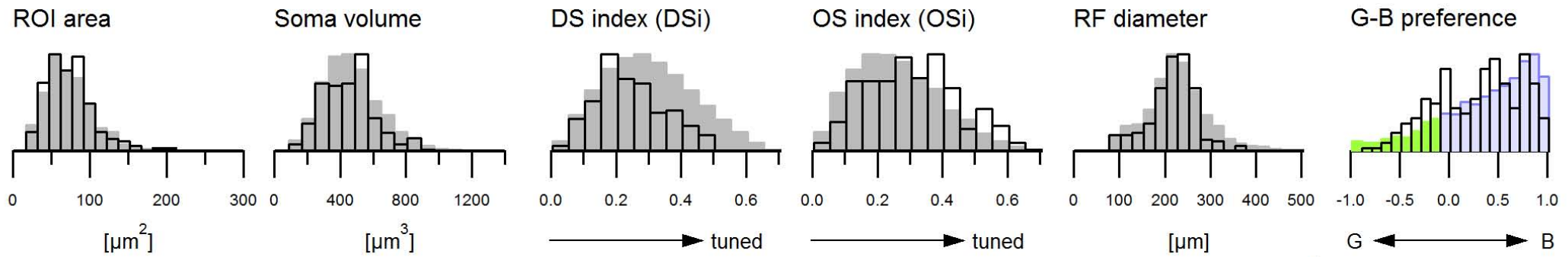
Group 31 OFF suppr. 1 (c)

n = 94 Cells, 1.18%, (1.87% of RGCs); CF: 1.52

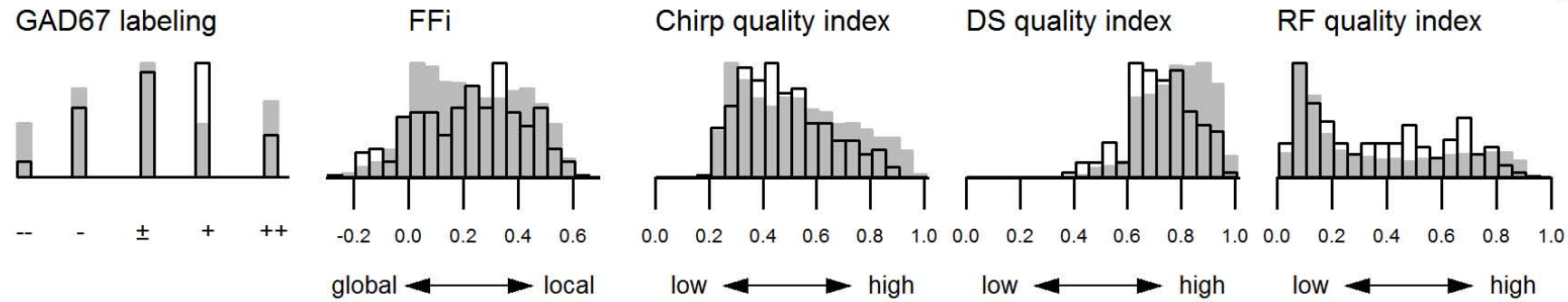
SFig. 3-45 a



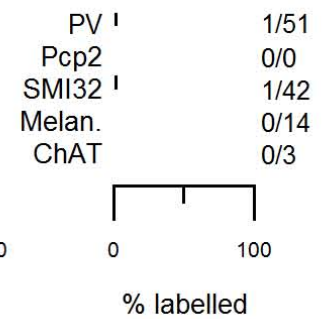
b



c



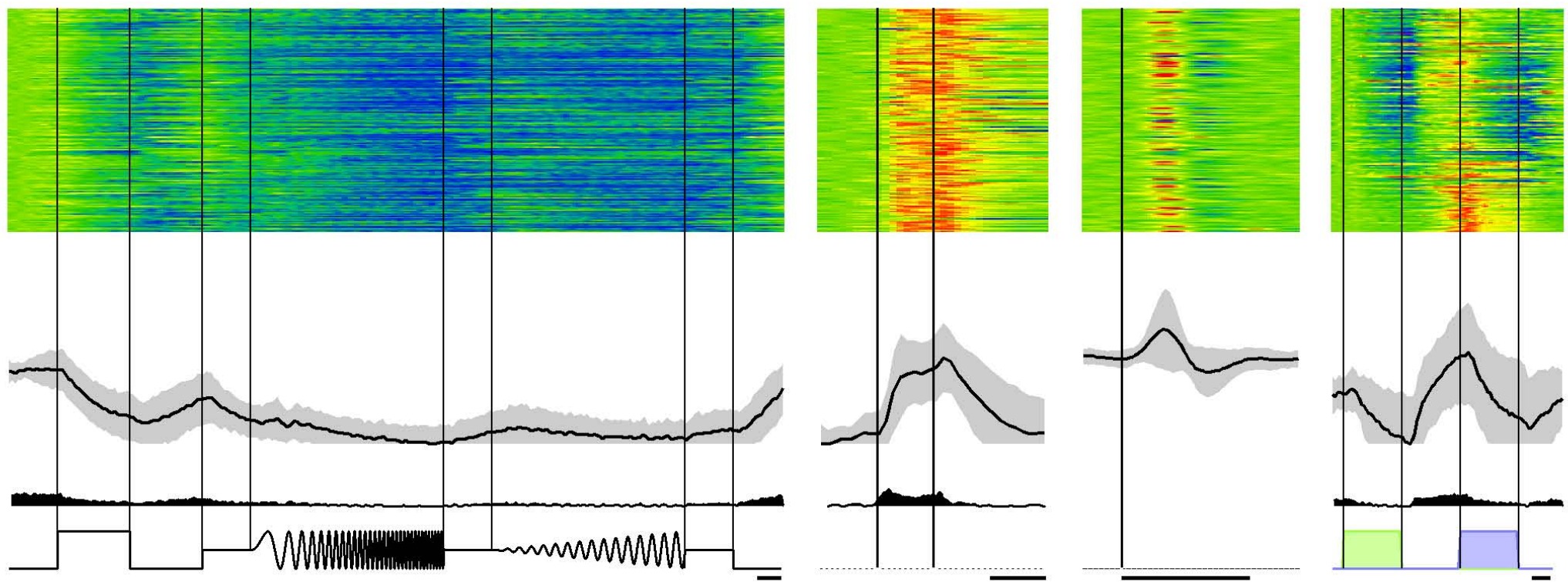
d



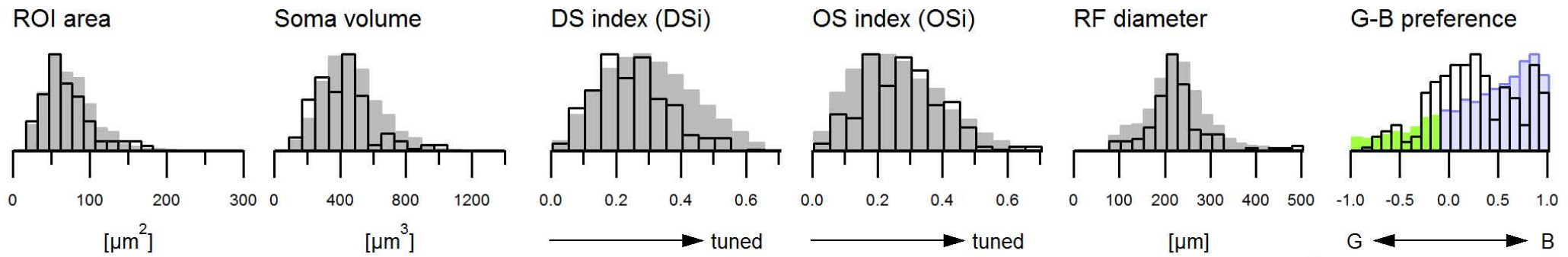
Group 31 OFF suppr. 1 (d)

n = 207 Cells, 2.59%, (4.12% of RGCs); CF: 3.41

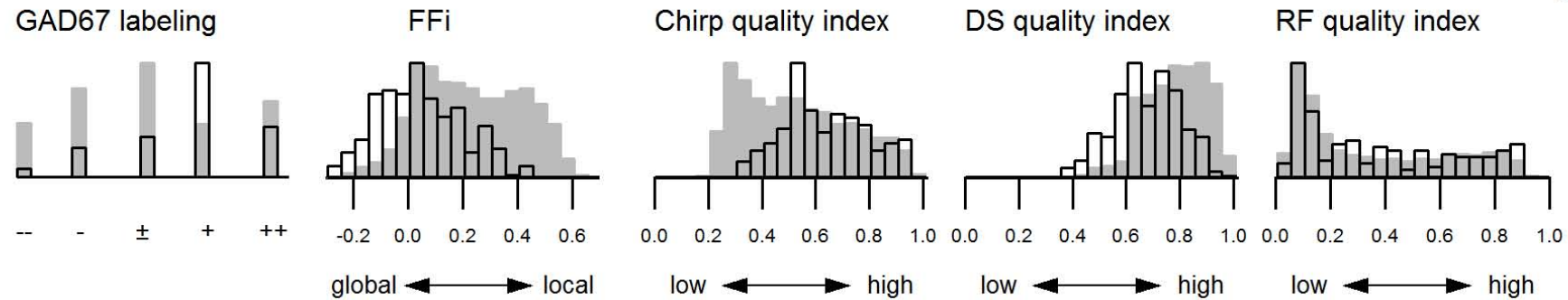
SFig. 3-46 a



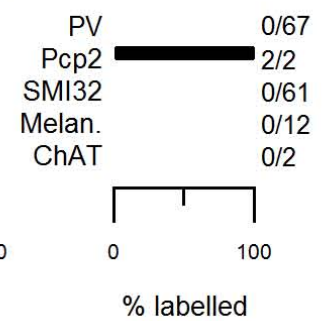
b



c



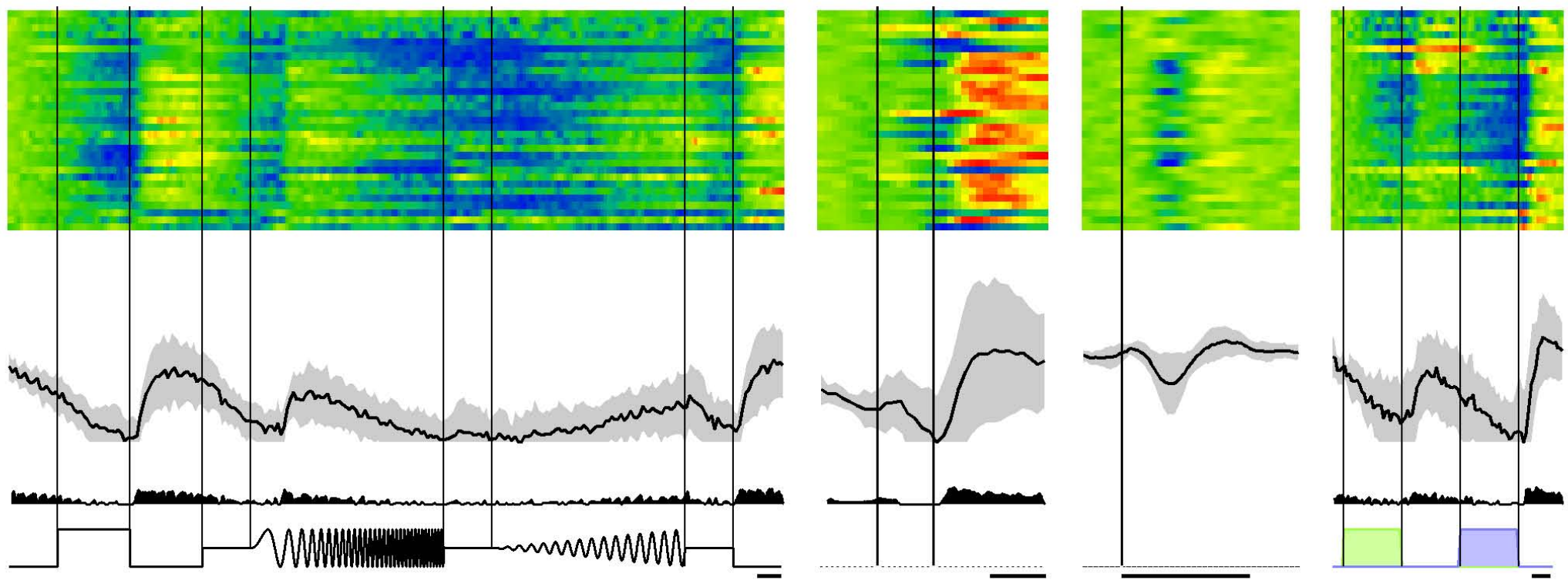
d



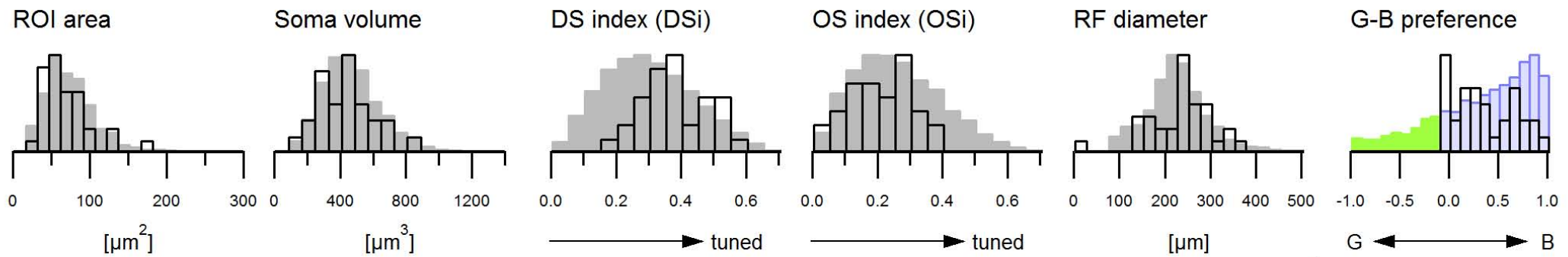
Group 31 OFF suppr. 1 (e)

n = 180 Cells, 2.26%, (3.58% of RGCs); CF: 2.86

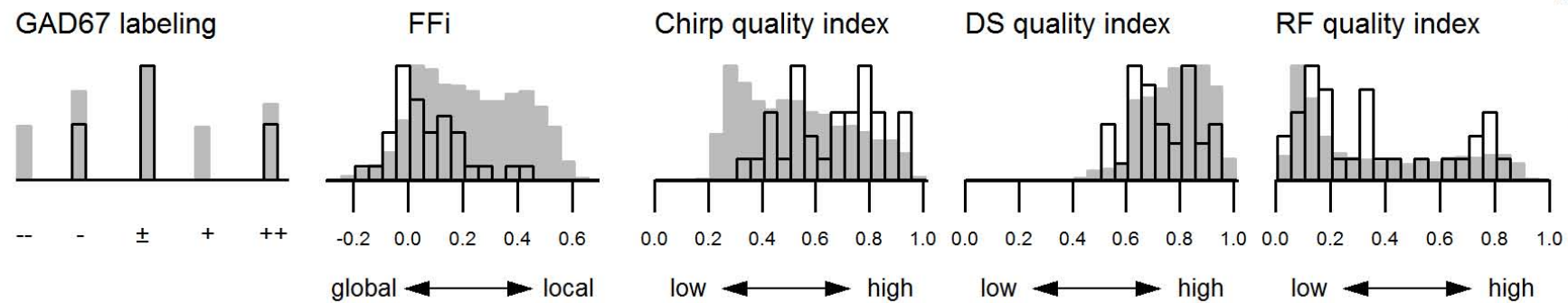
SFig. 3-47 a



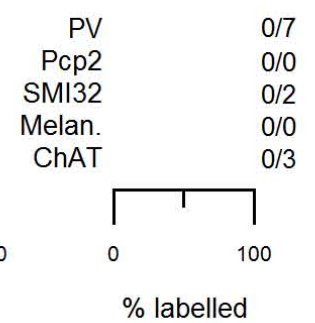
b



c



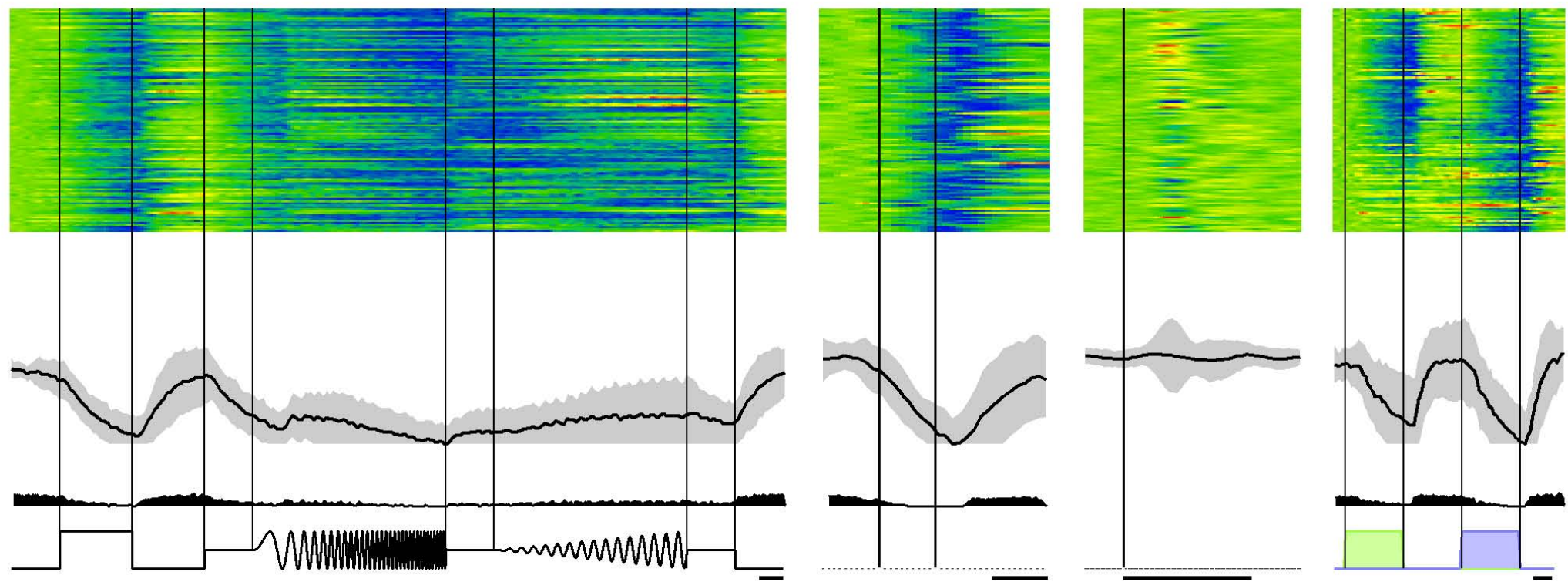
d



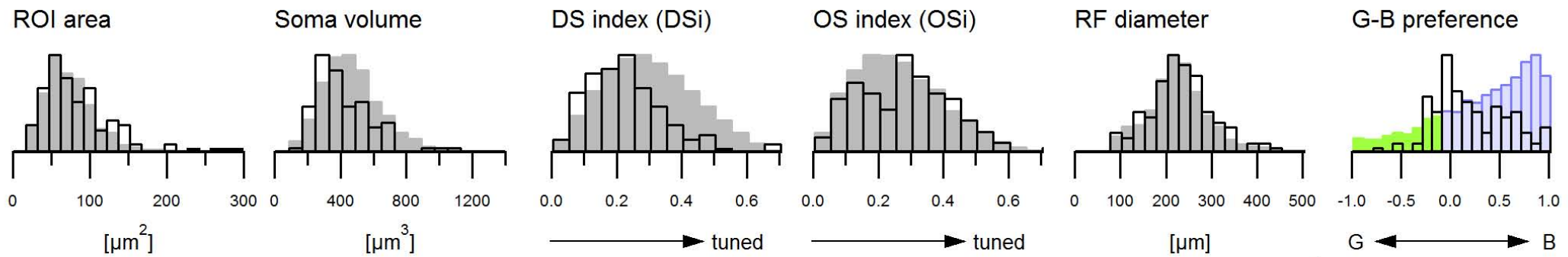
Group 32 OFF suppr. 2 (a)

n = 31 Cells, 0.39%, (0.62% of RGCs); CF: 0.71

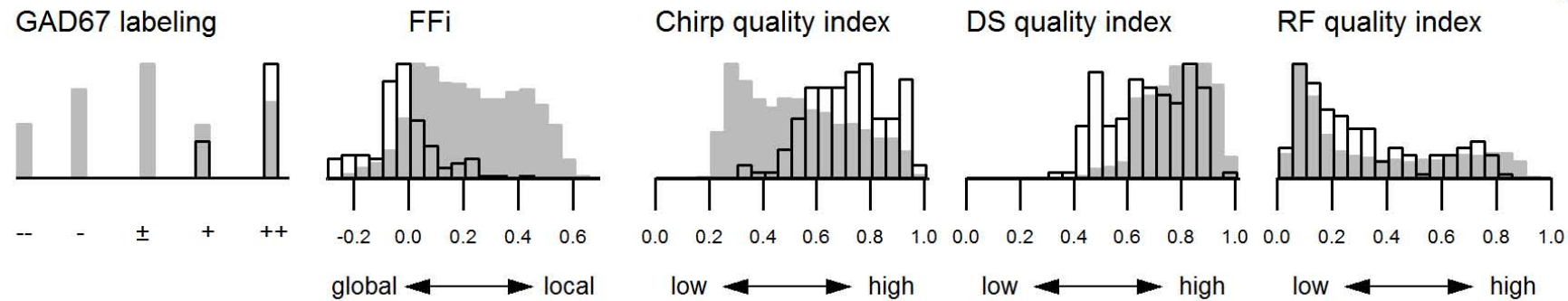
SFig. 3-48 a



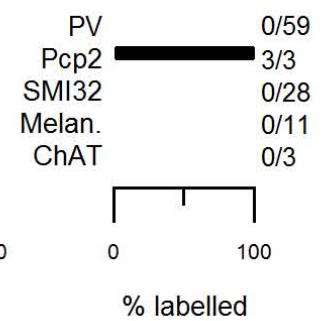
b



c



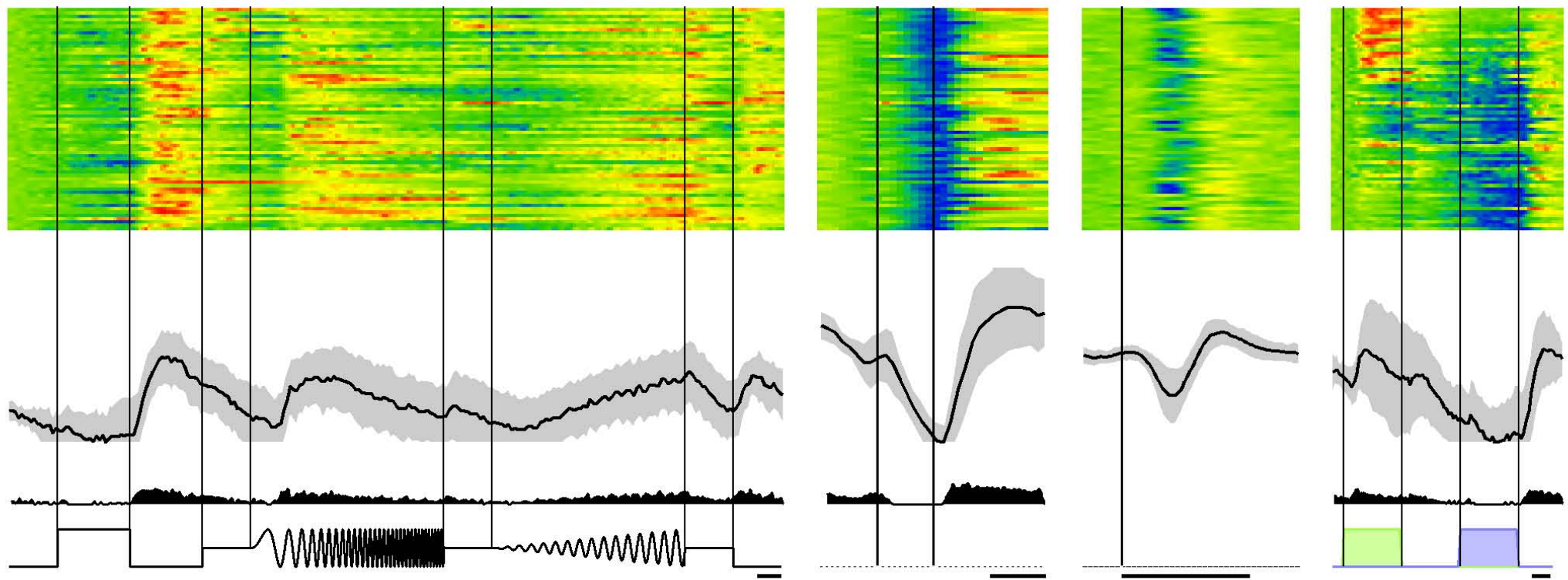
d



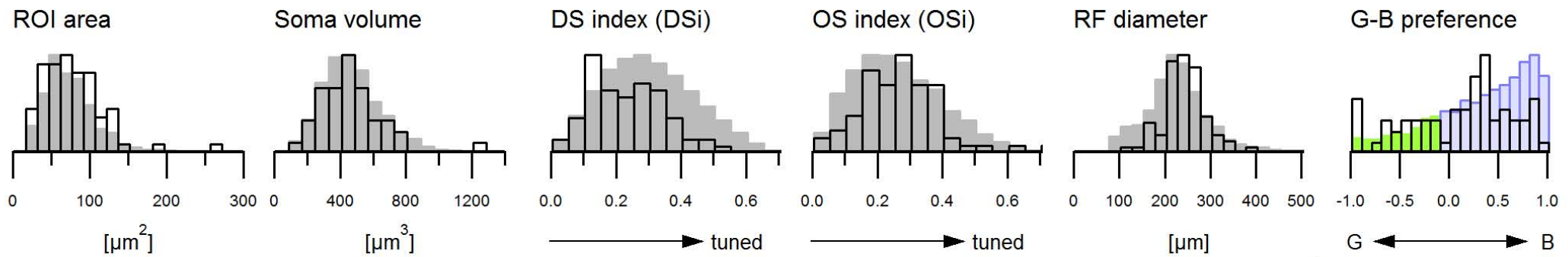
Group 32 OFF suppr. 2 (b)

n = 112 Cells, 1.4%, (2.23% of RGCs); CF: 2.08

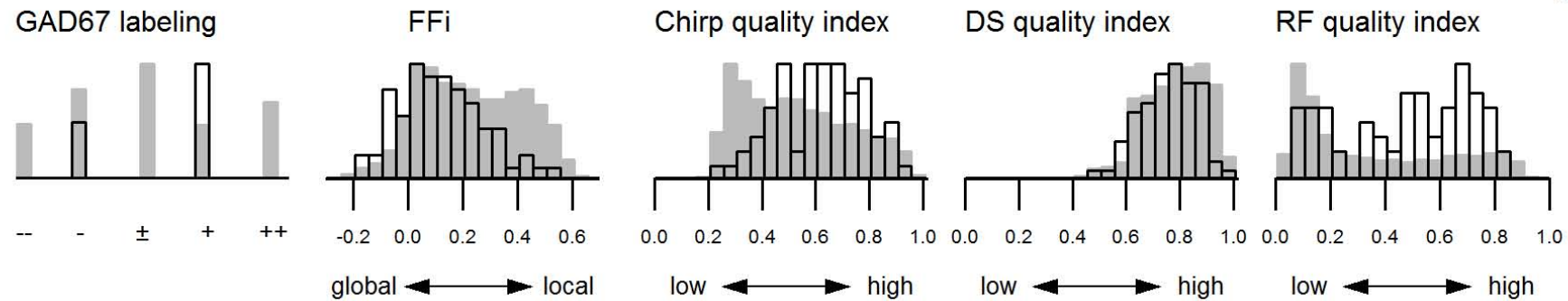
SFig. 3-49 a



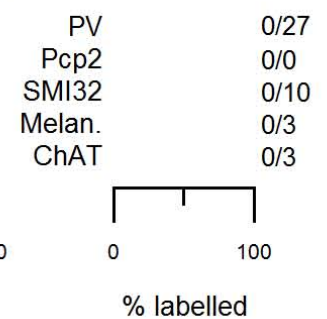
b



c



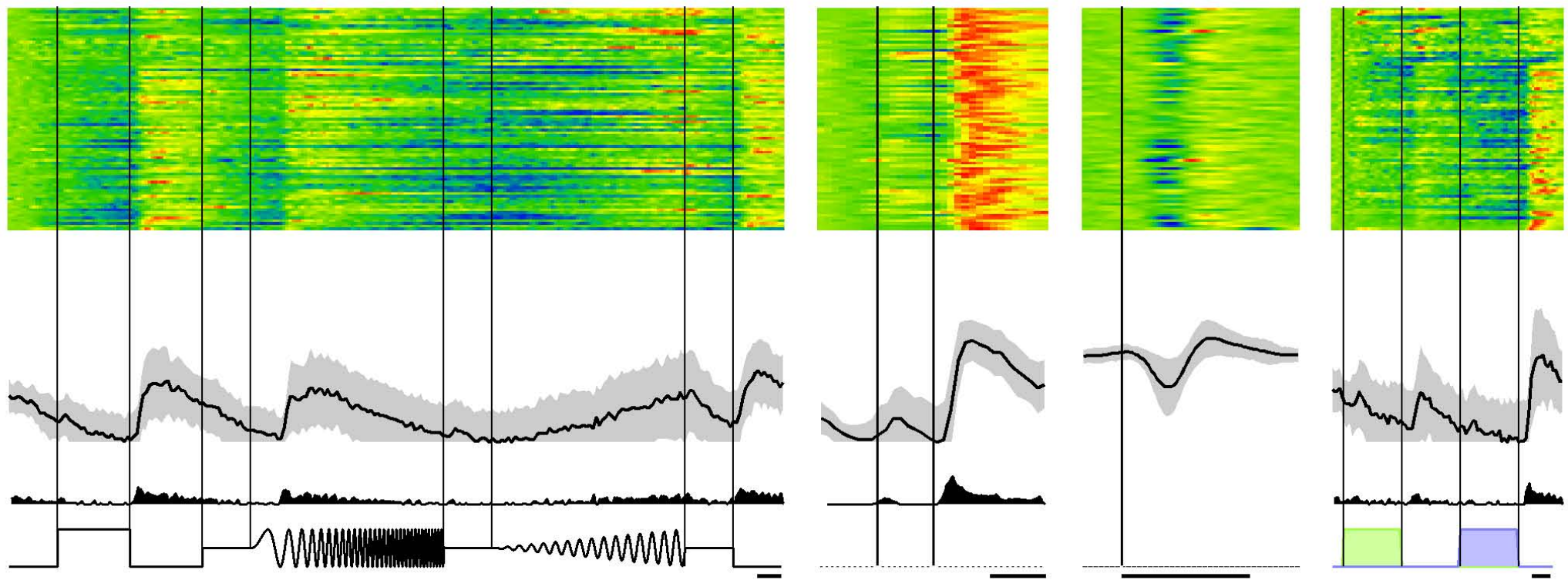
d



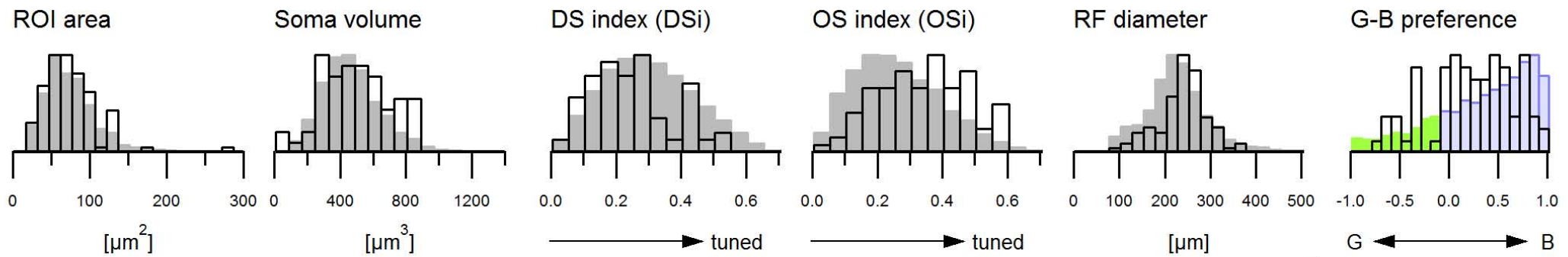
Group 32 OFF suppr. 2 (c)

n = 67 Cells, 0.84%, (1.33% of RGCs); CF: 1.3

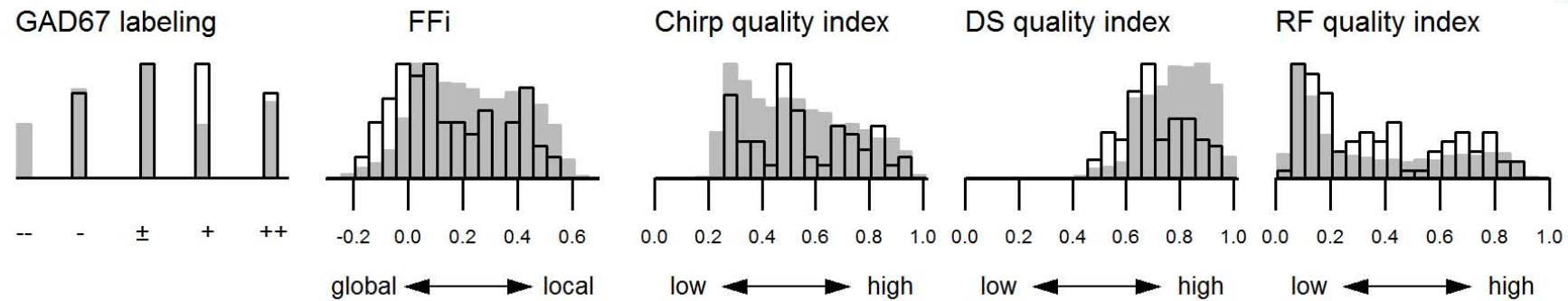
SFig. 3-50 a



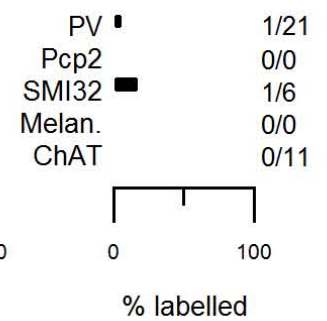
b



c



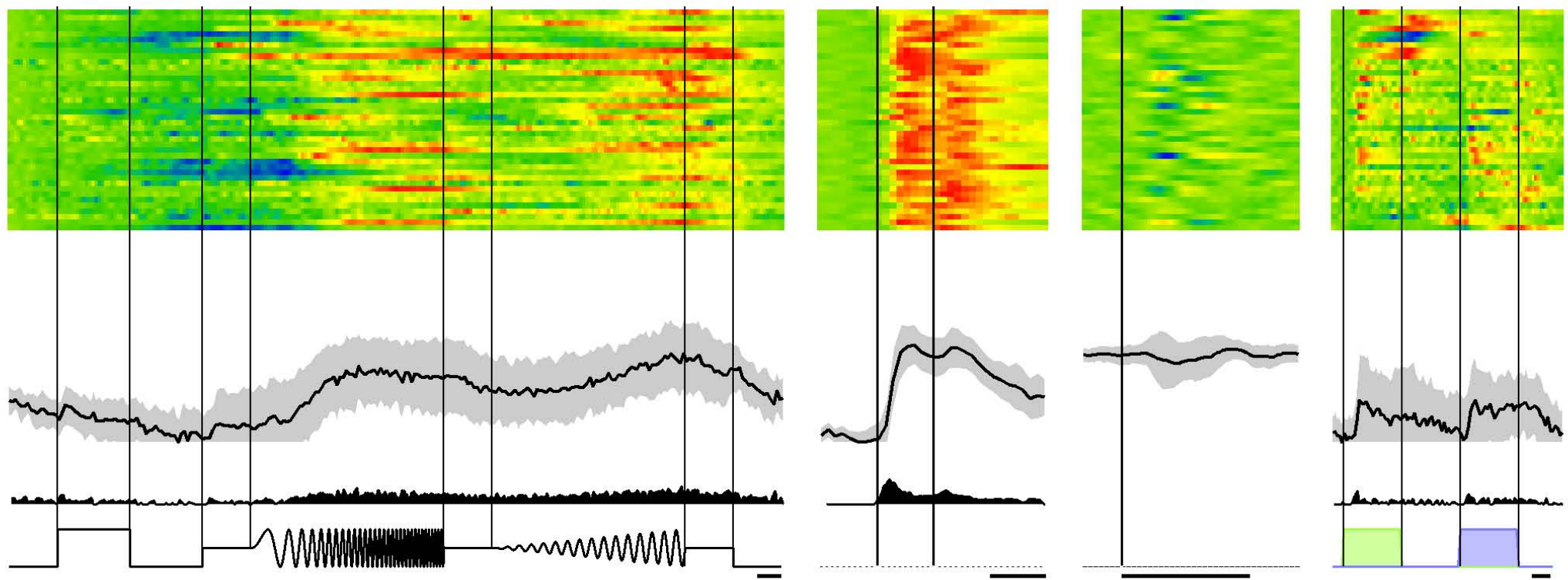
d



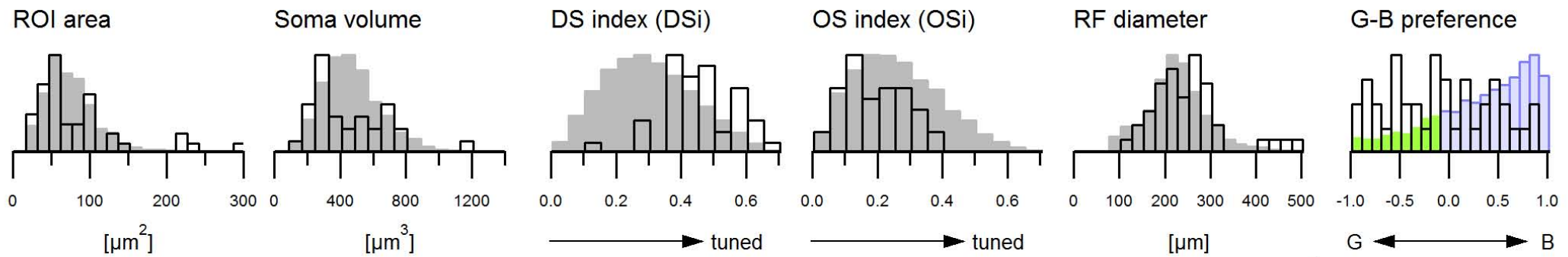
Group 33 AC OFF

81 Cells, 1.01%, (2.74% of ACs); CF: 1.61

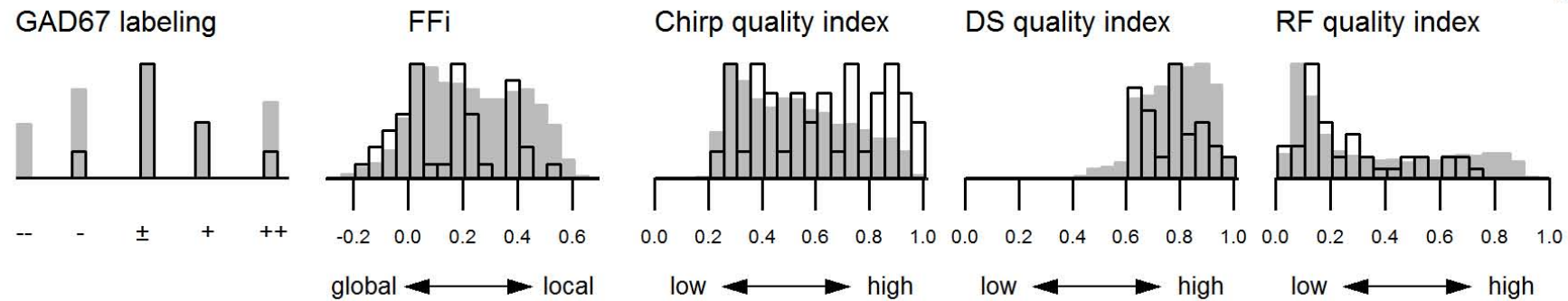
SFig. 3-51 a



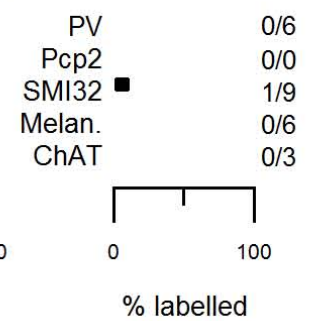
b



c

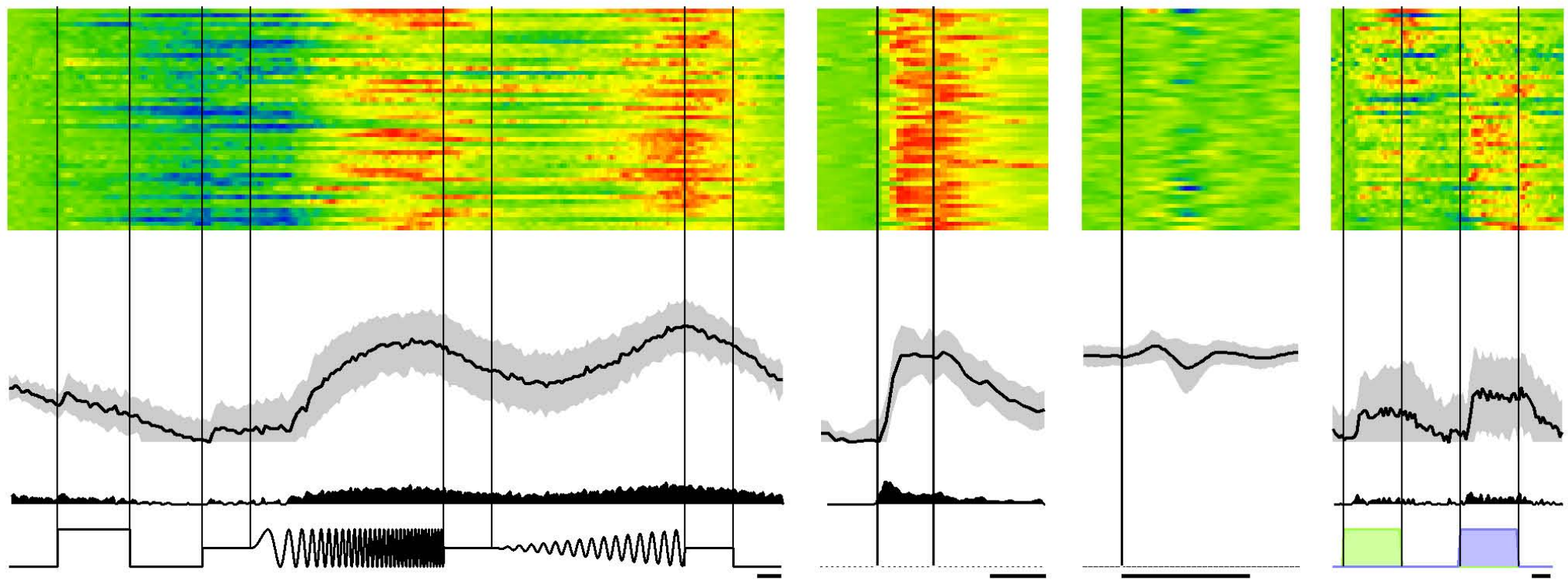


d

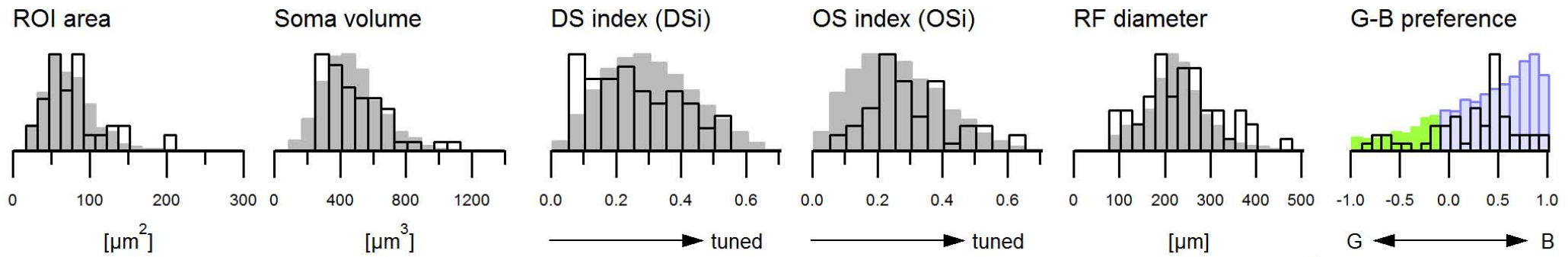


Group 34 AC ON high freq. sust. 1 (a)
40 Cells, 0.5%, (1.35% of ACs); CF: 0.75

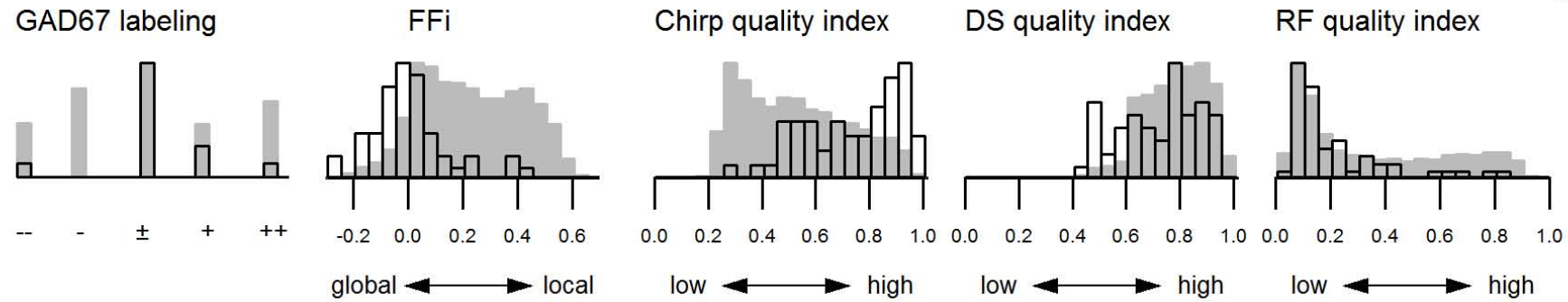
SFig. 3-52 a



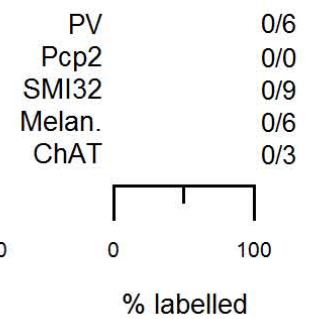
b



c

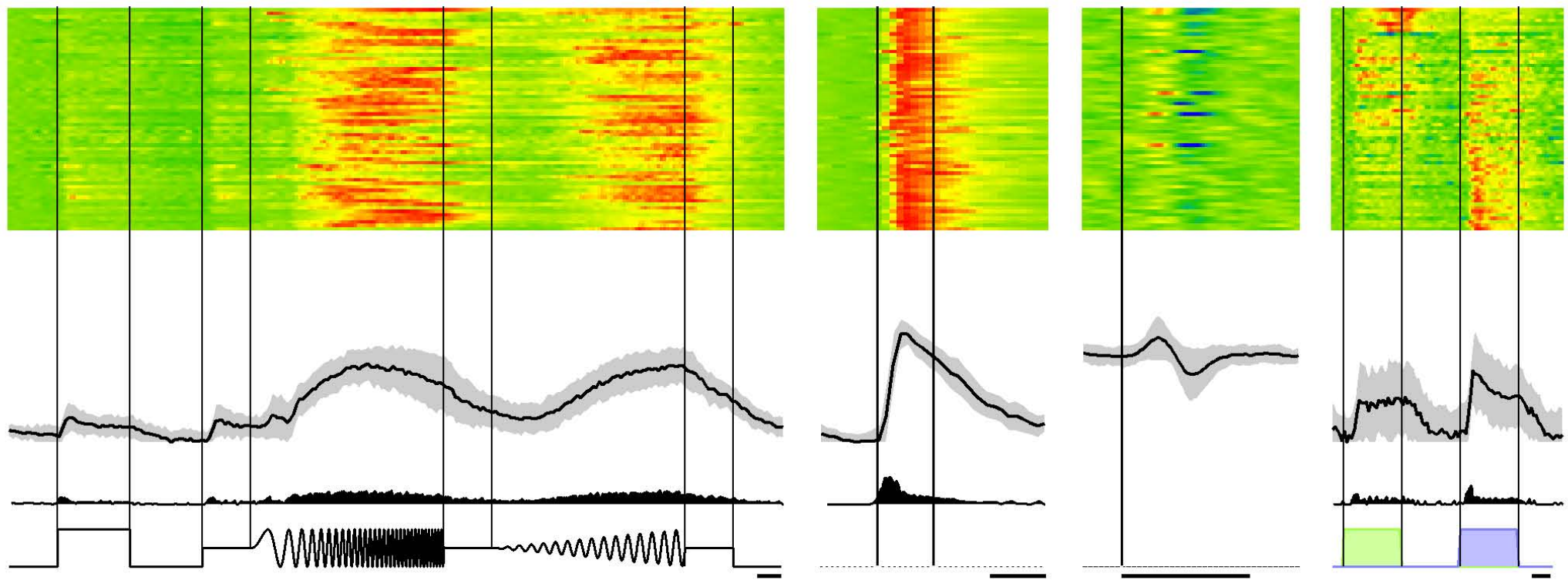


d

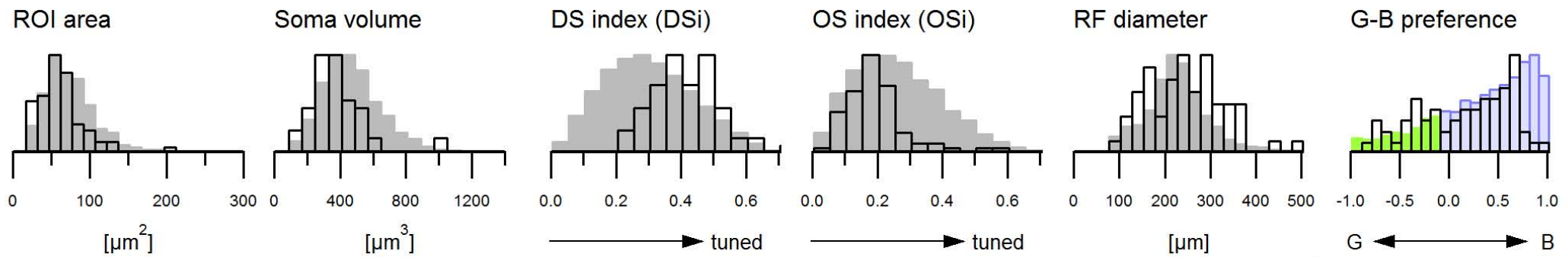


Group 34 AC ON high freq. sust. 1 (b)
50 Cells, 0.63%, (1.69% of ACs); CF: 1.18

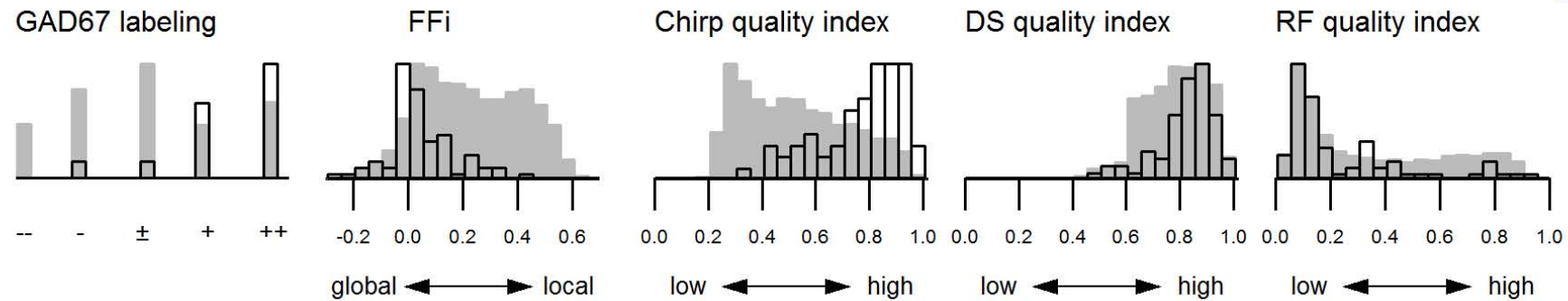
SFig. 3-53 a



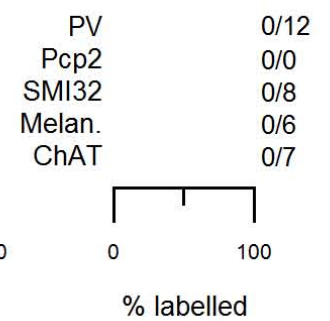
b



c

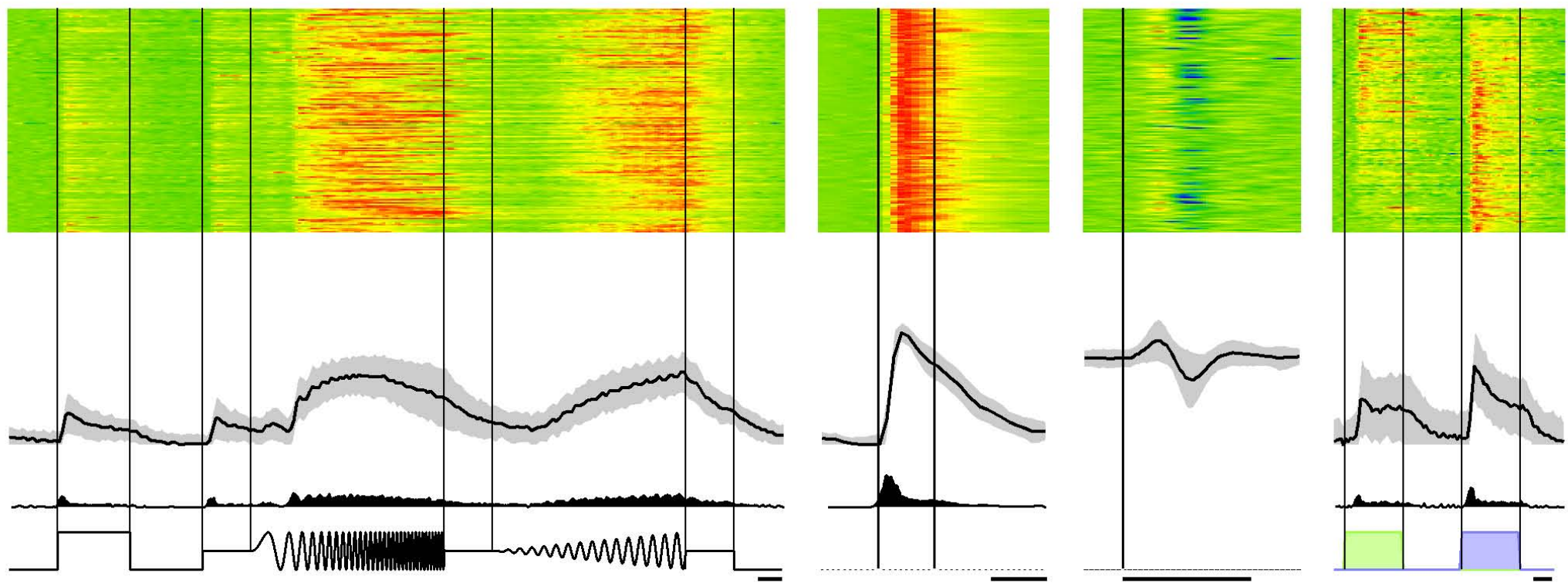


d

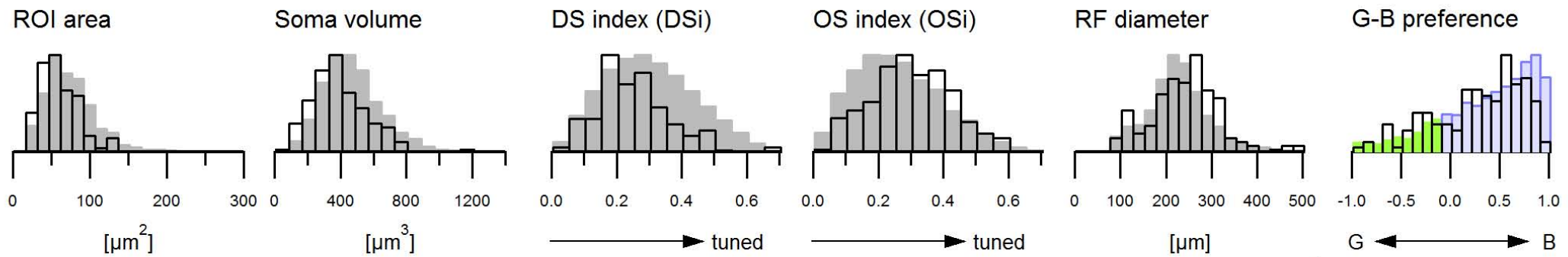


Group 35 AC ON high freq. trans. (a)
64 Cells, 0.8%, (2.16% of ACs); CF: 1.42

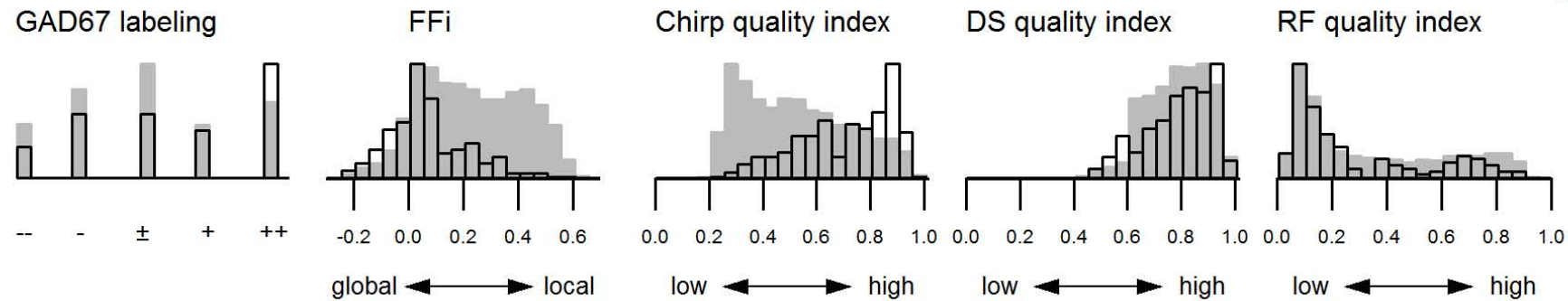
SFig. 3-54 a



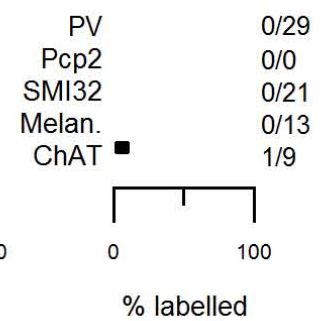
b



c

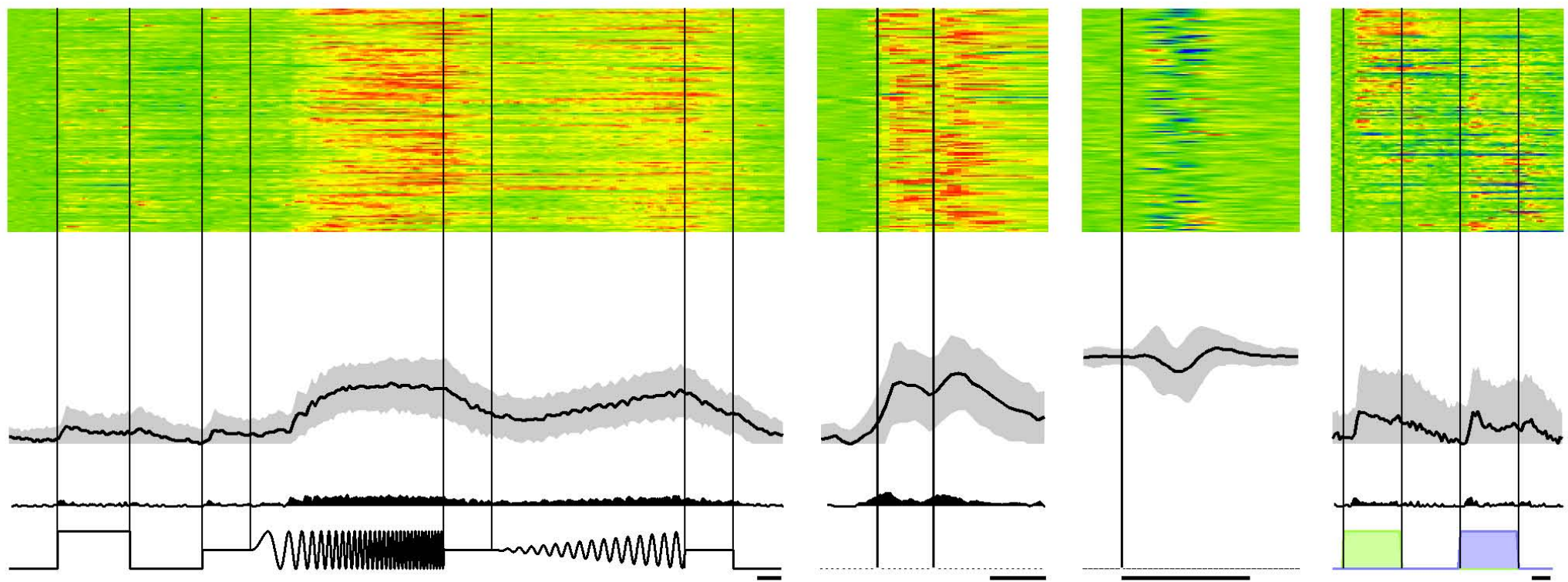


d

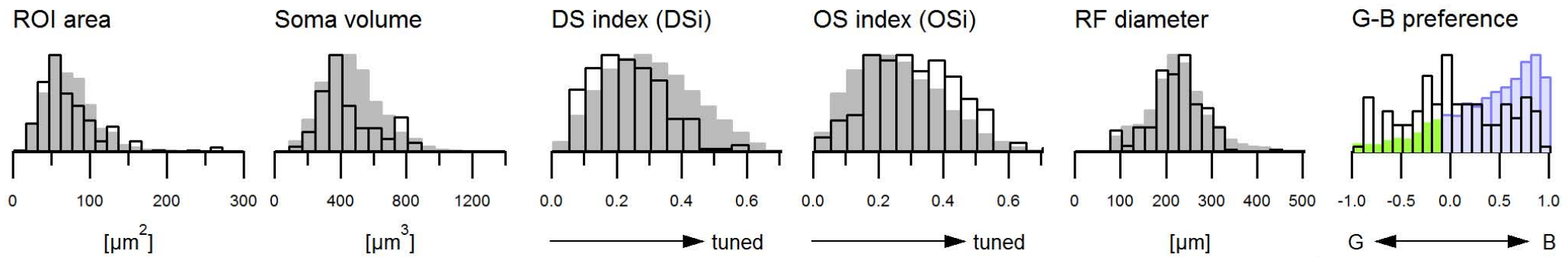


Group 35 AC ON high freq. trans. (b)
155 Cells, 1.94%, (5.24% of ACs); CF: 3.35

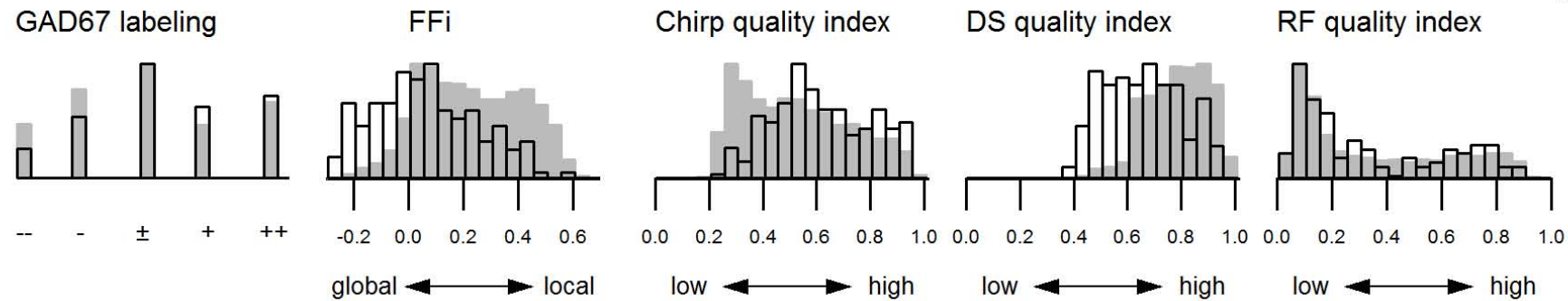
SFig. 3-55 a



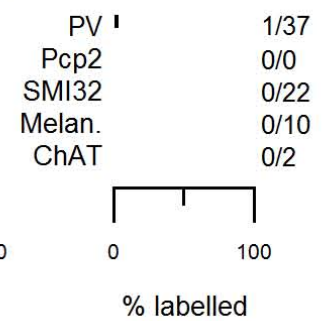
b



c

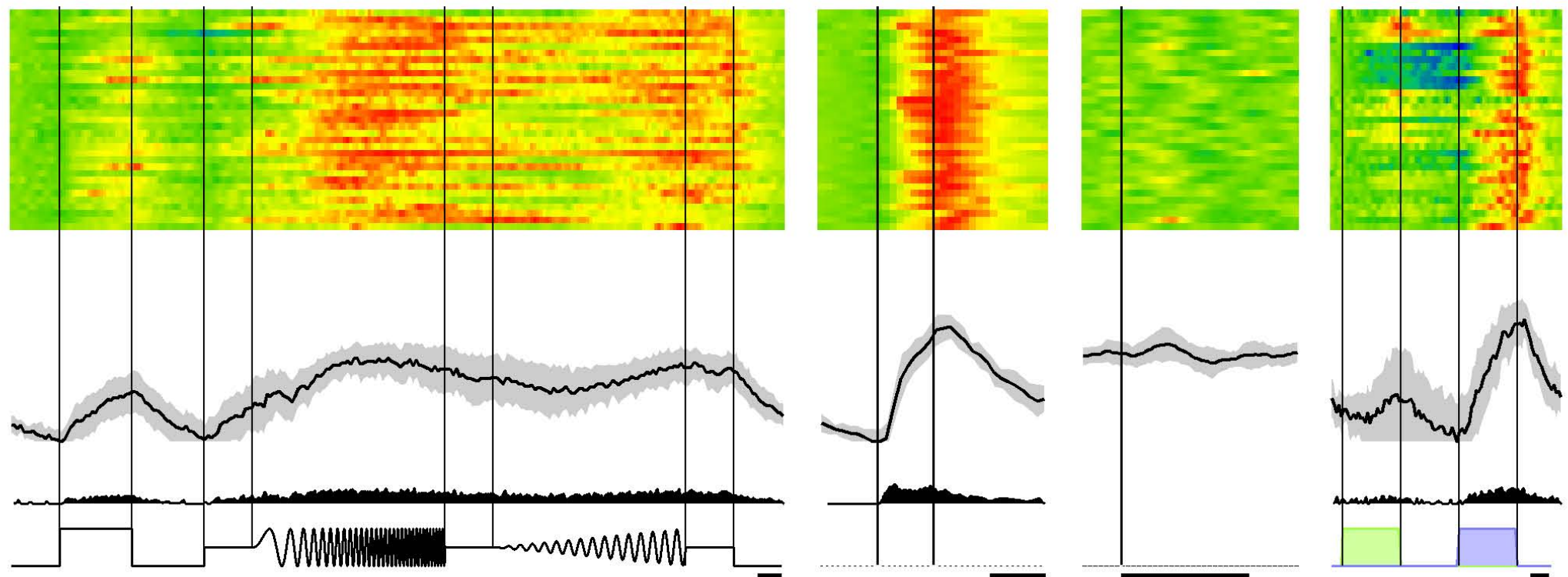


d

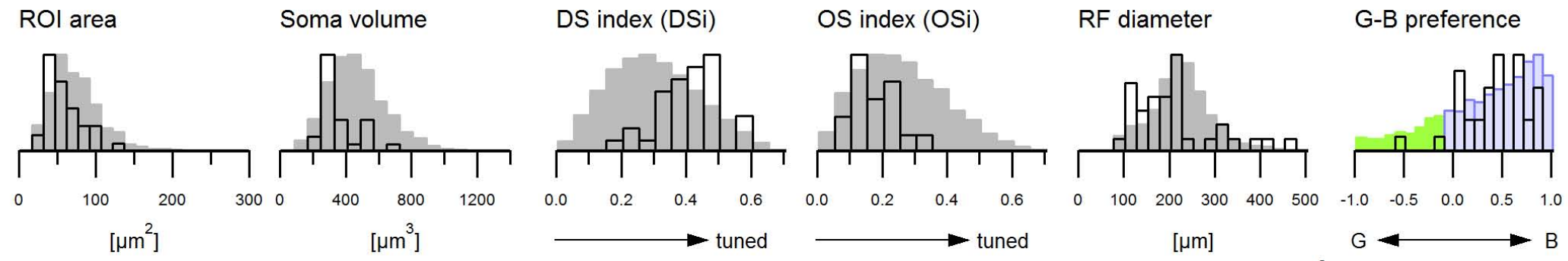


Group 36 AC ON-OFF high freq.
137 Cells, 1.72%, (4.63% of ACs); CF: 2.44

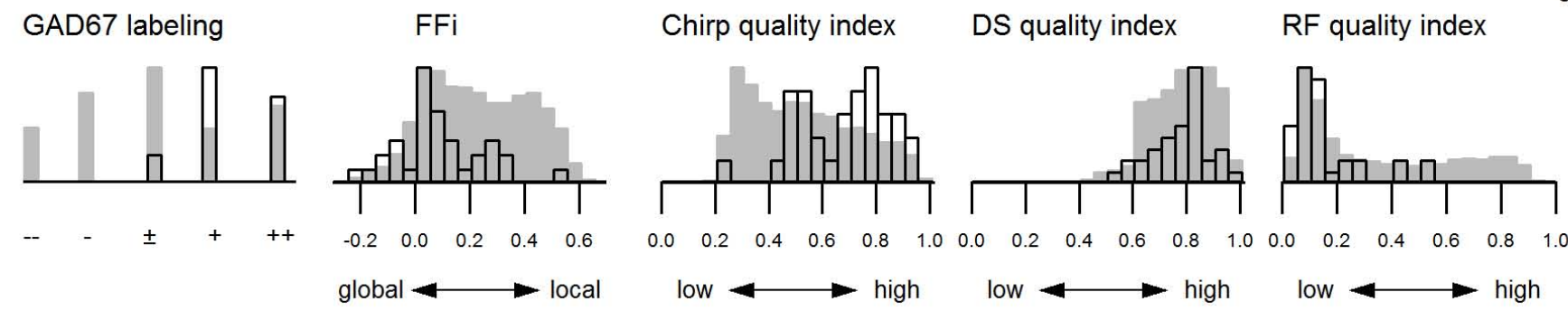
SFig. 3-56 a



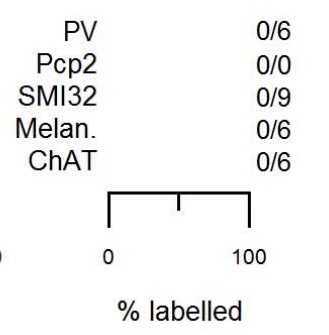
b



c

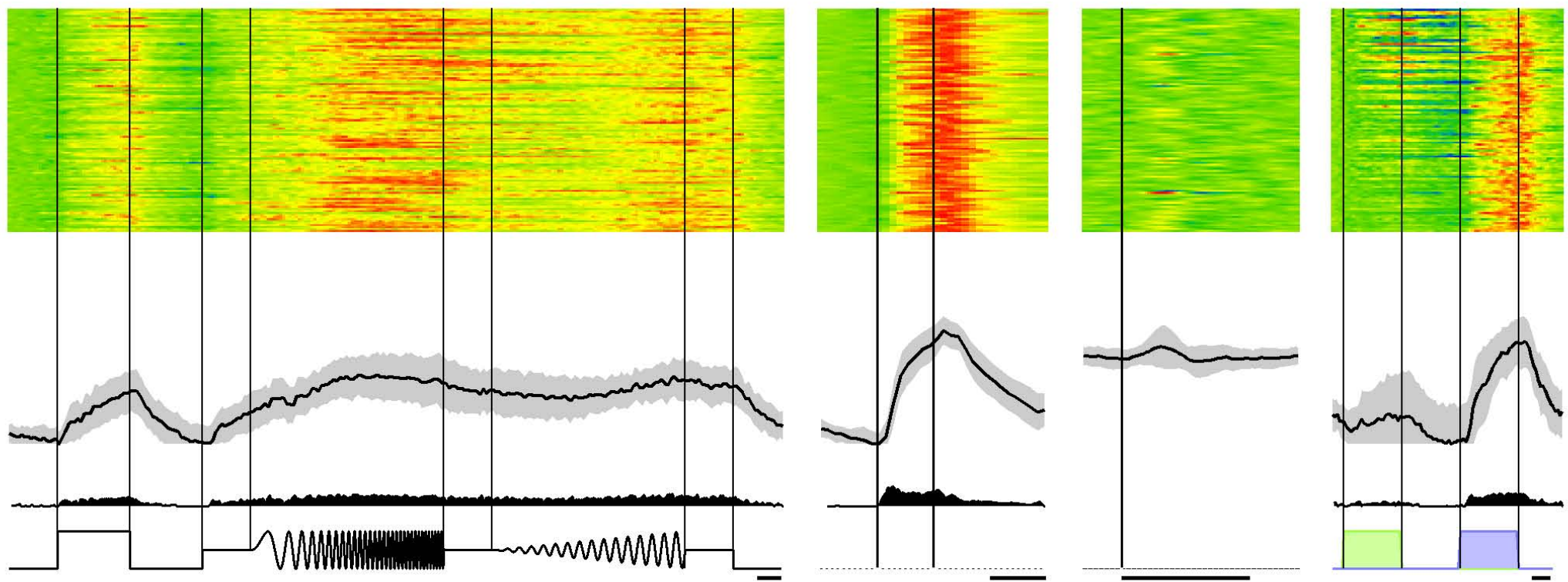


d

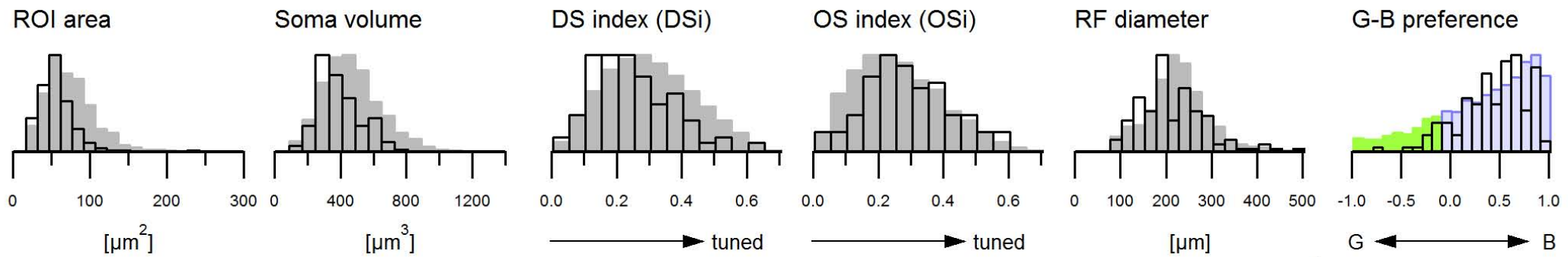


Group 37 AC ON high freq. sust. 2 (a)
33 Cells, 0.41%, (1.12% of ACs); CF: 2.75

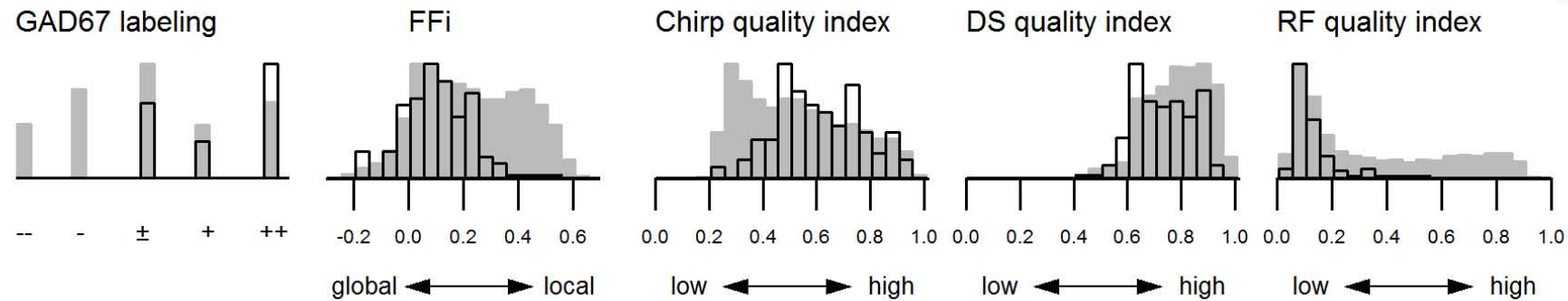
SFig. 3-57 a



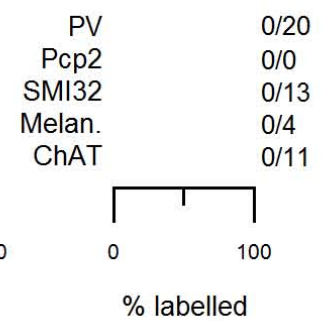
b



c

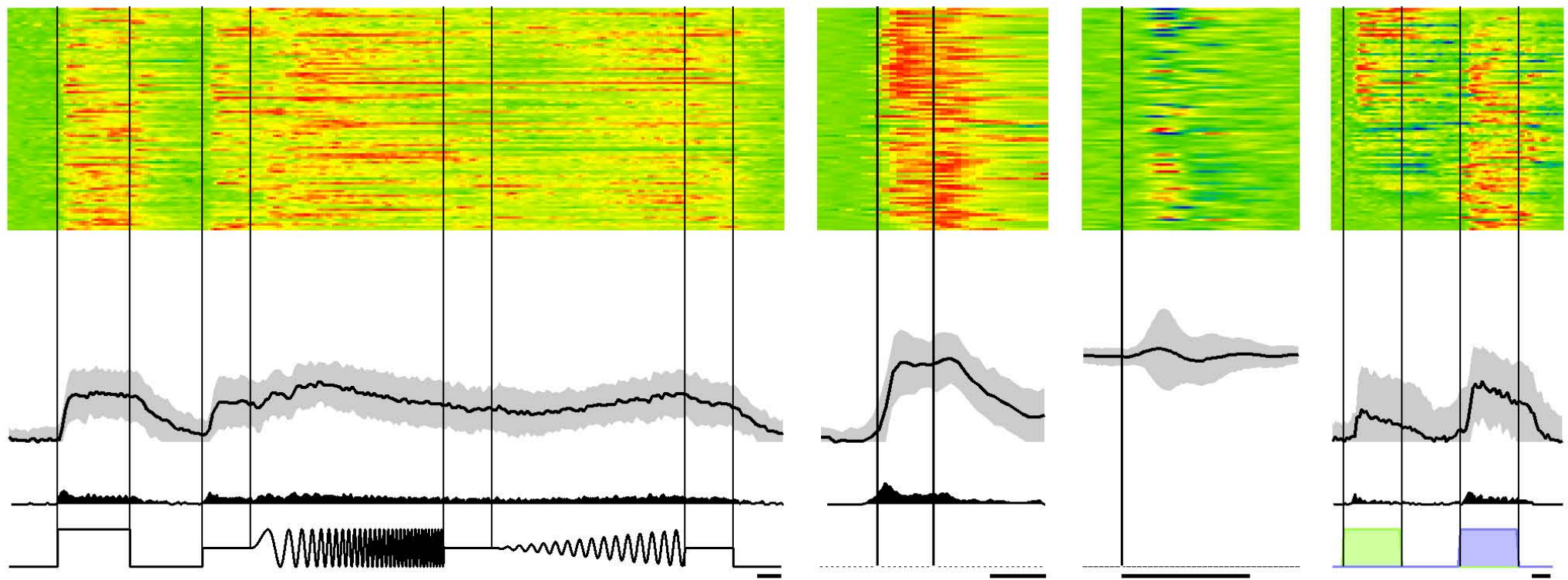


d

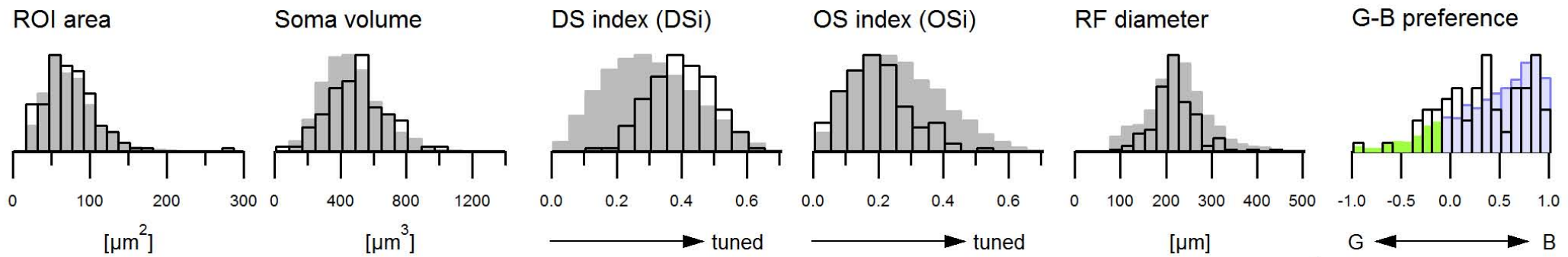


Group 37 AC ON high freq. sust. 2 (a)
 111 Cells, 1.39%, (3.75% of ACs); CF: 1.02

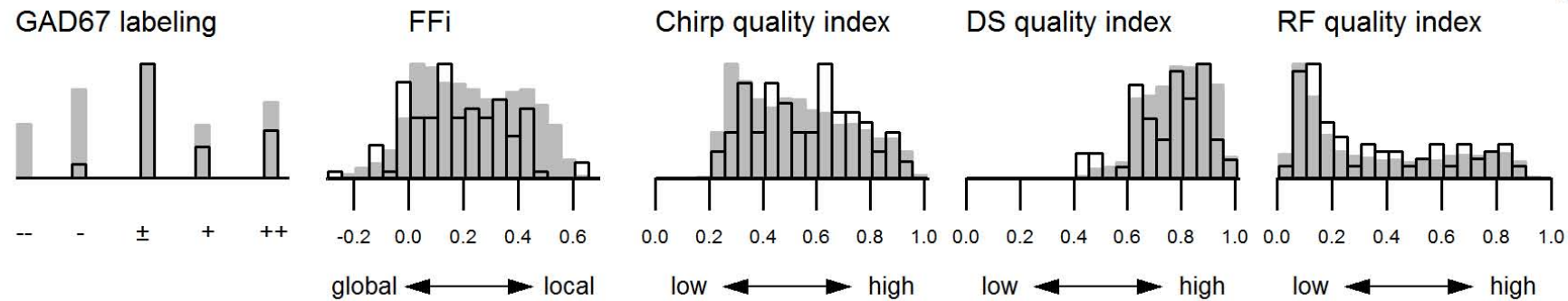
SFig. 3-58 a



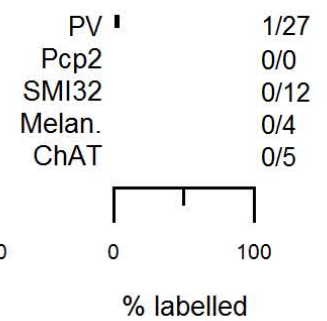
b



c



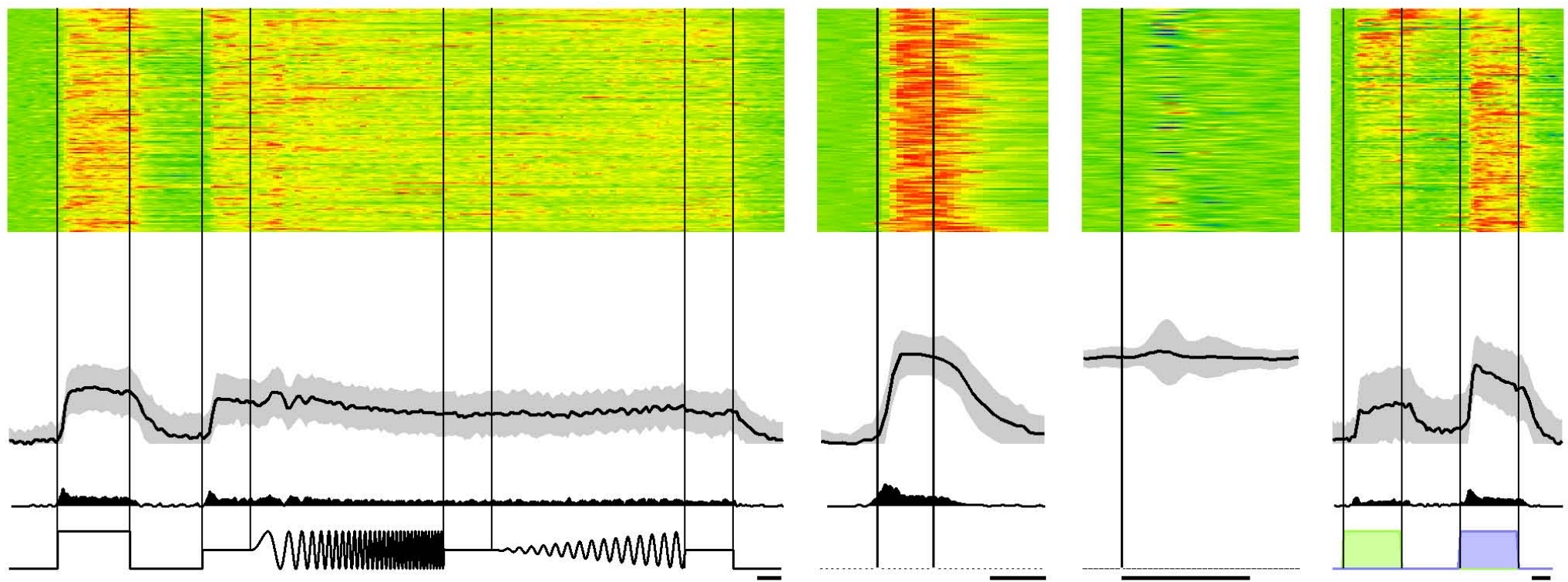
d



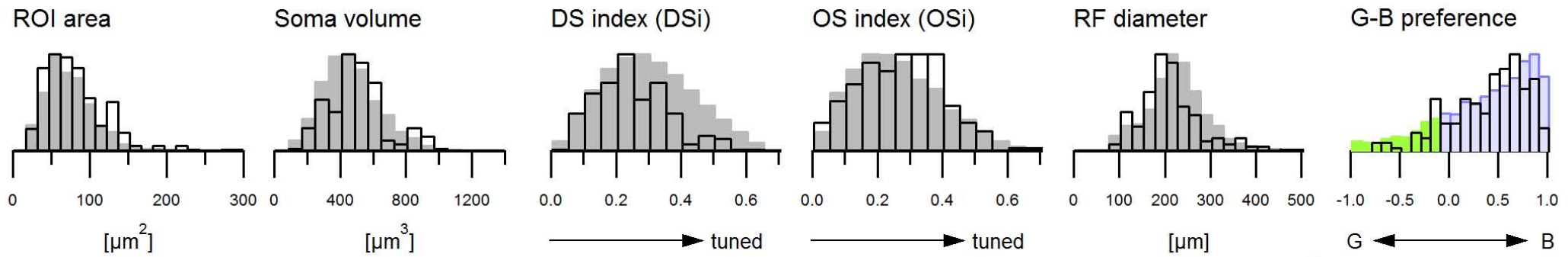
Group 38 AC ON sust. 1 (a)

93 Cells, 1.17%, (3.14% of ACs); CF: 0.59

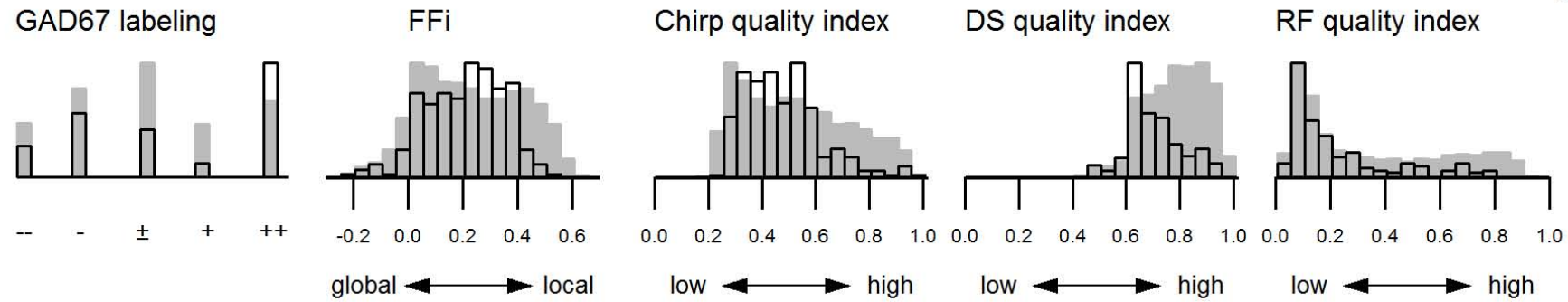
SFig. 3-59 a



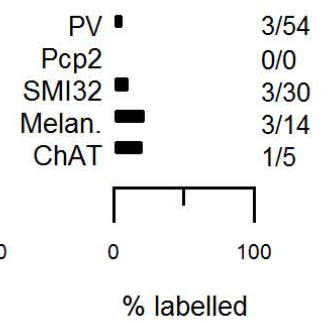
b



c

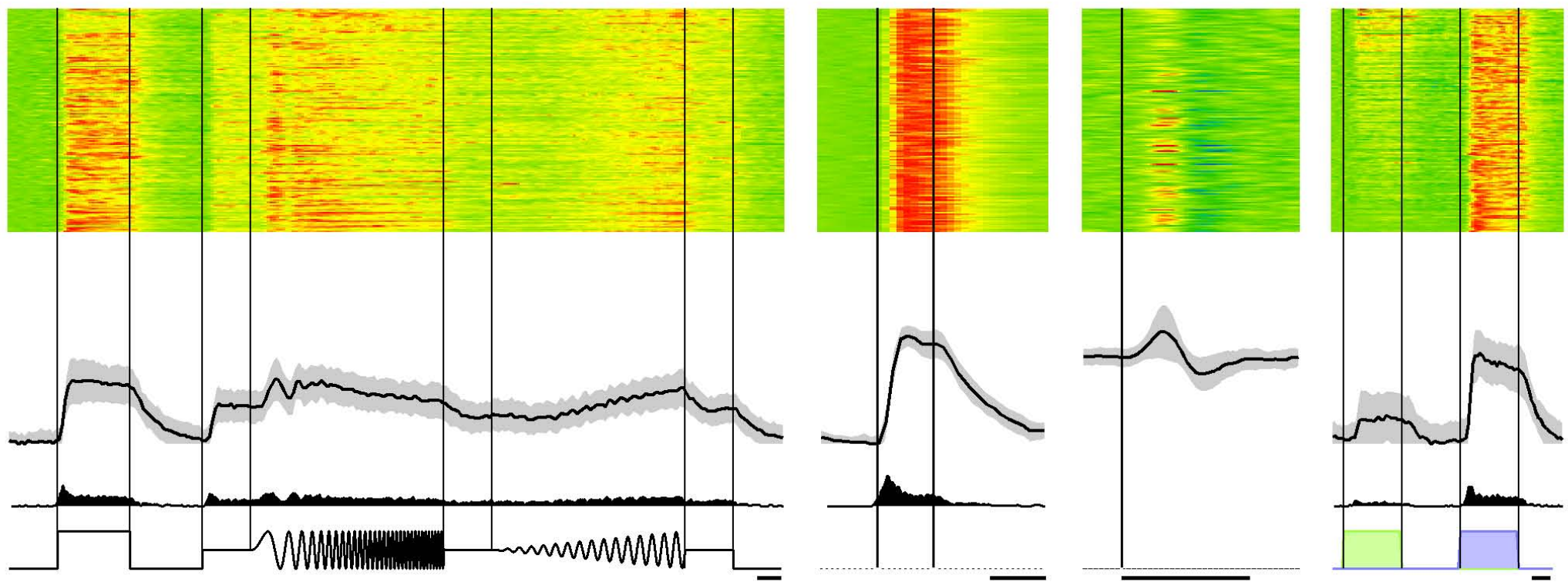


d

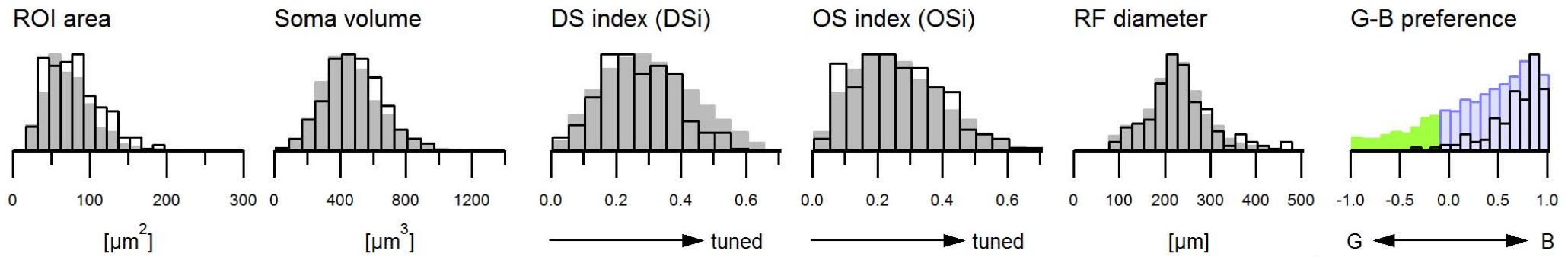


Group 38 AC ON sust. 1 (b)
 170 Cells, 2.13%, (5.75% of ACs); CF: 2.03

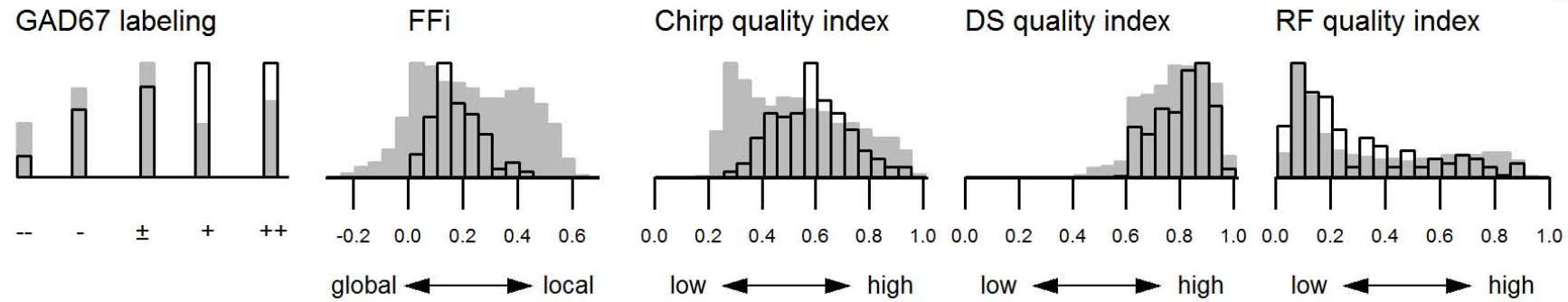
SFig. 3-60 a



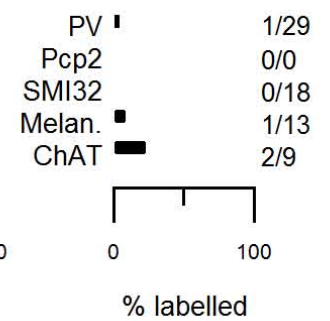
b



c



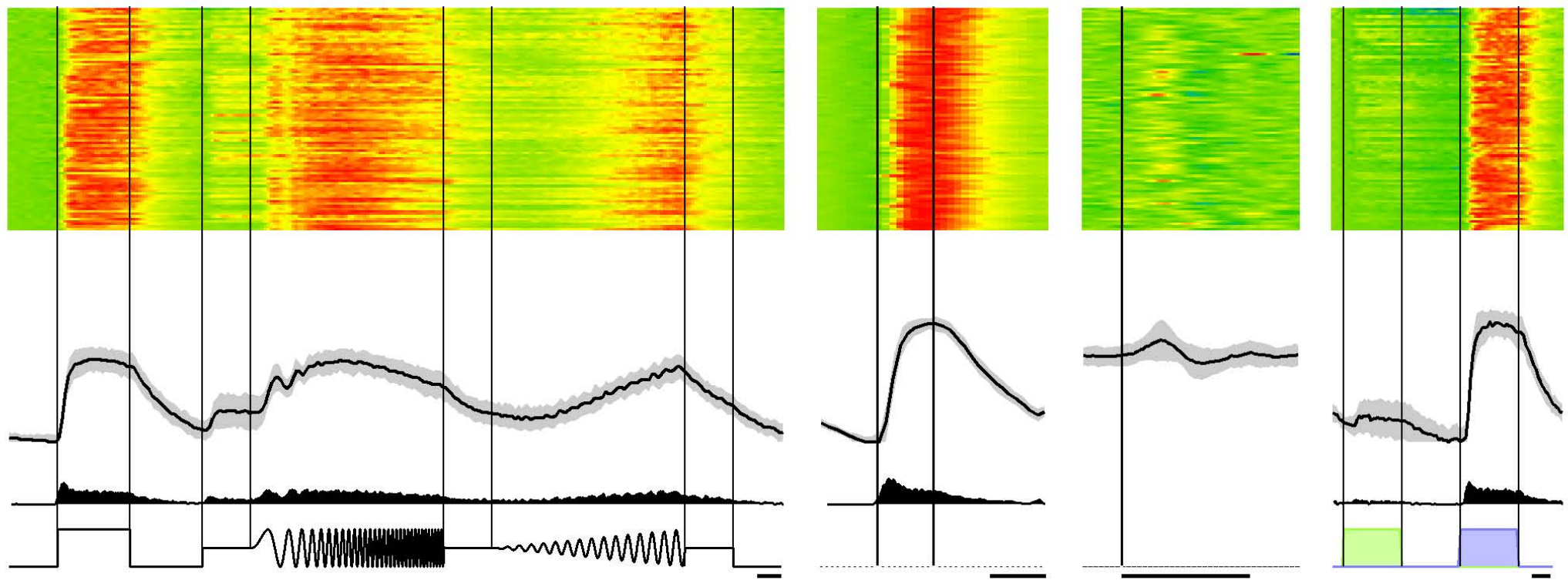
d



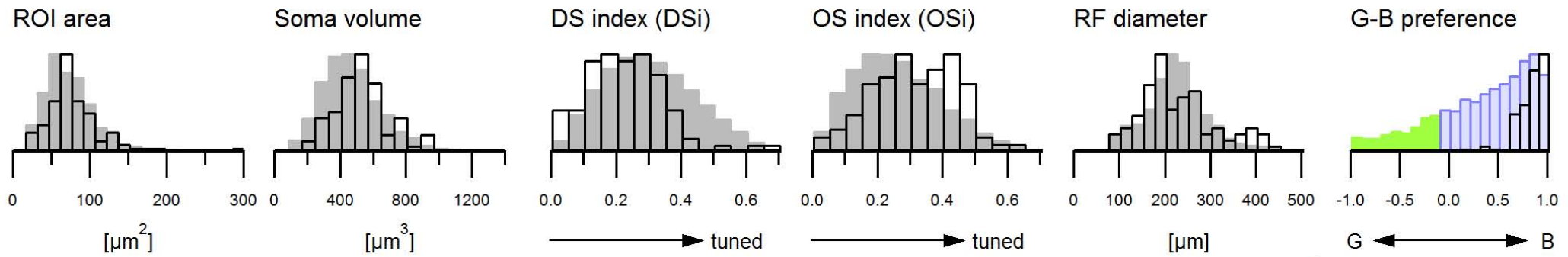
Group 38 AC ON sust. 1 (c)

156 Cells, 1.95%, (5.27% of ACs); CF: 1.41

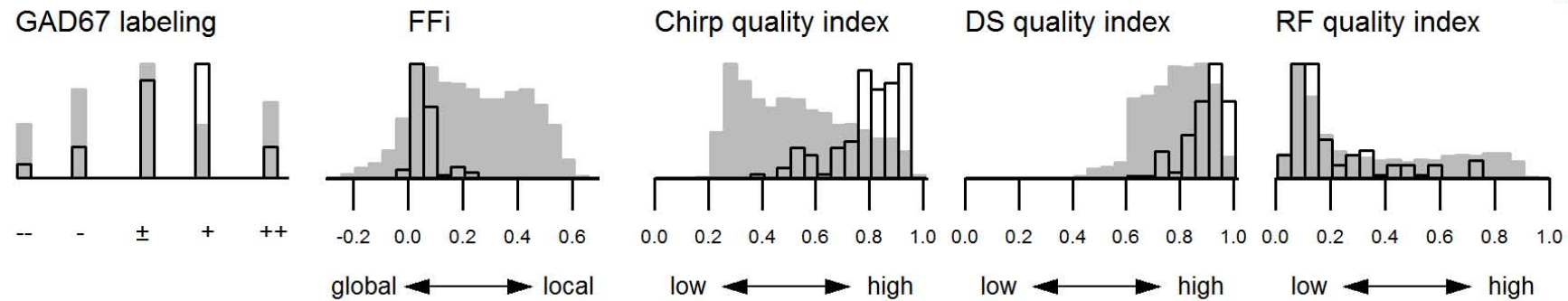
SFig. 3-61 a



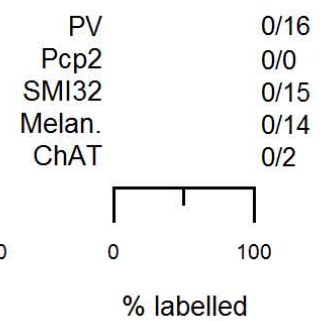
b



c



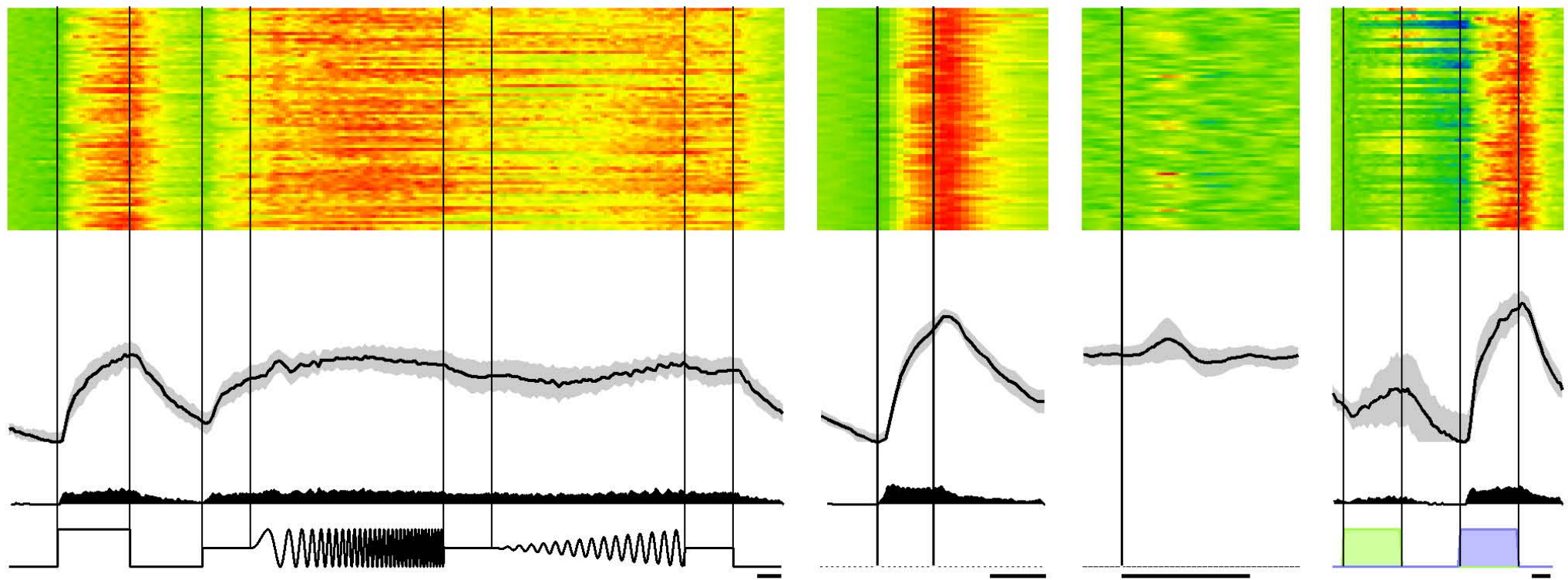
d



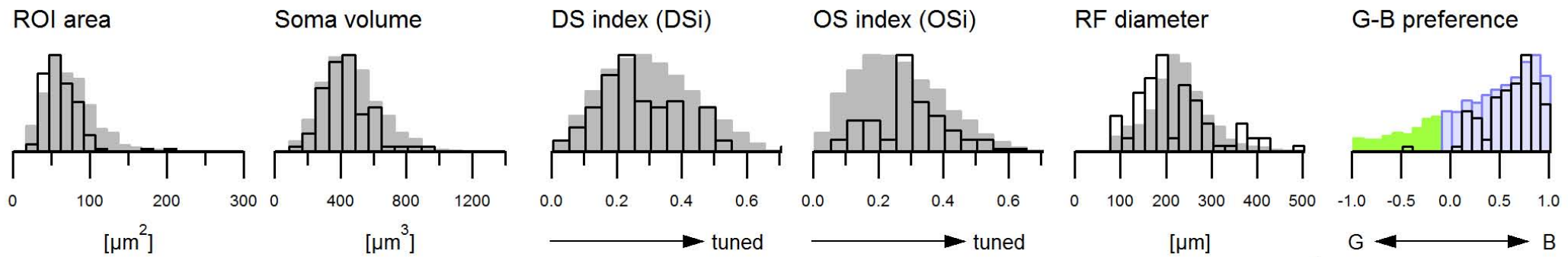
Group 39 AC ON sust. 2

88 Cells, 1.1%, (2.97% of ACs); CF: 2.86

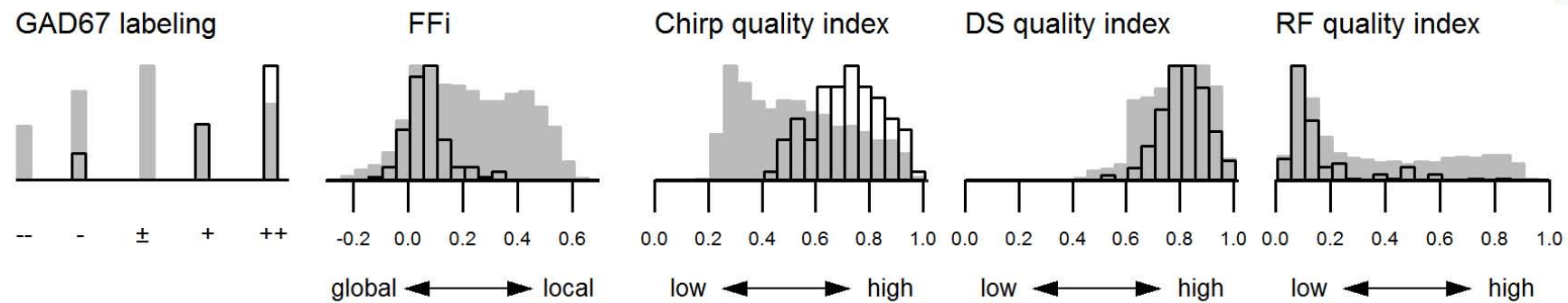
SFig. 3-62 a



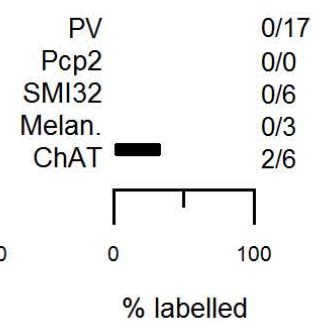
b



c



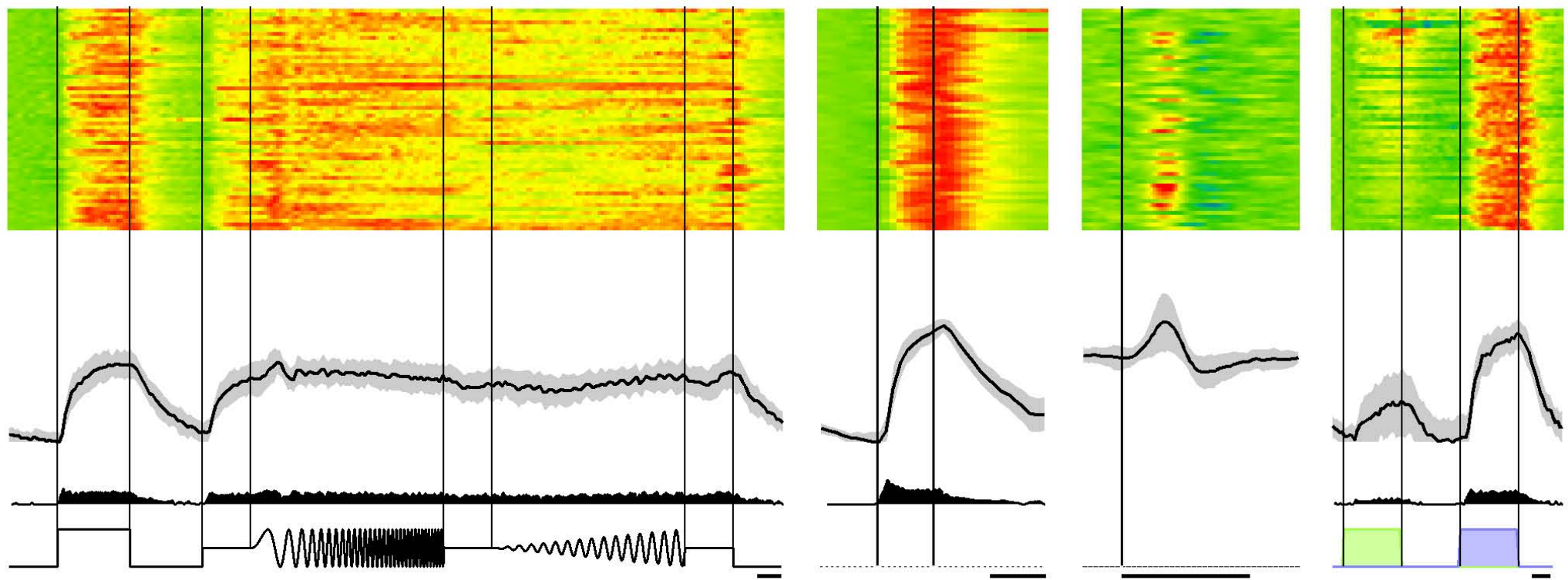
d



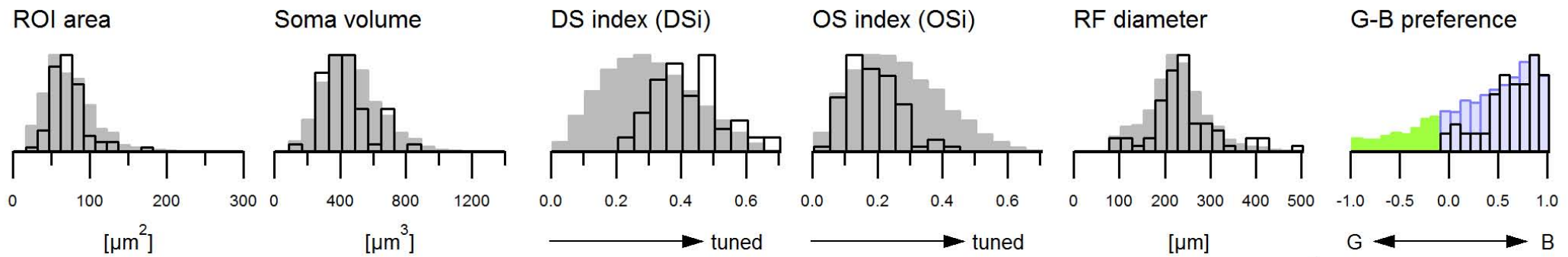
Group 40 AC ON sust. 3 (a)

73 Cells, 0.91%, (2.47% of ACs); CF: 2.94

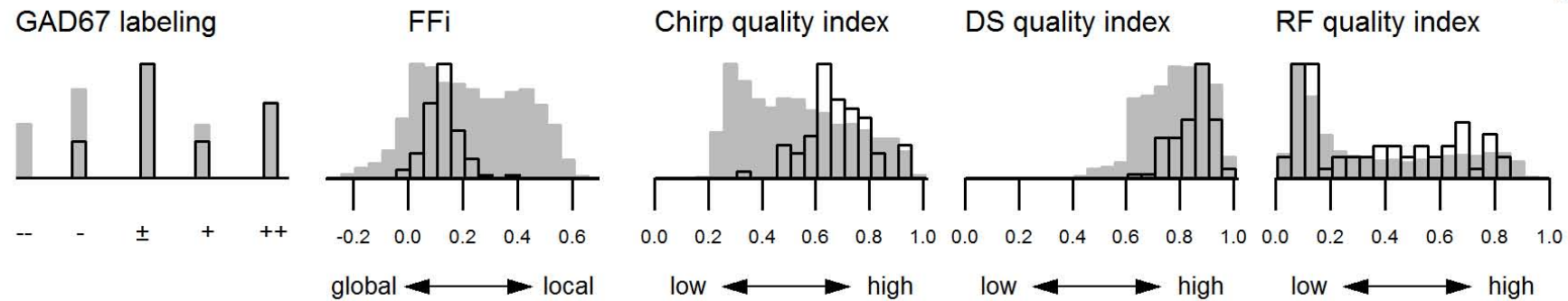
SFig. 3-63 a



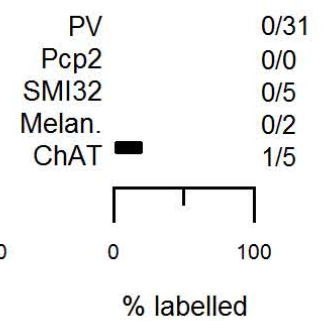
b



c

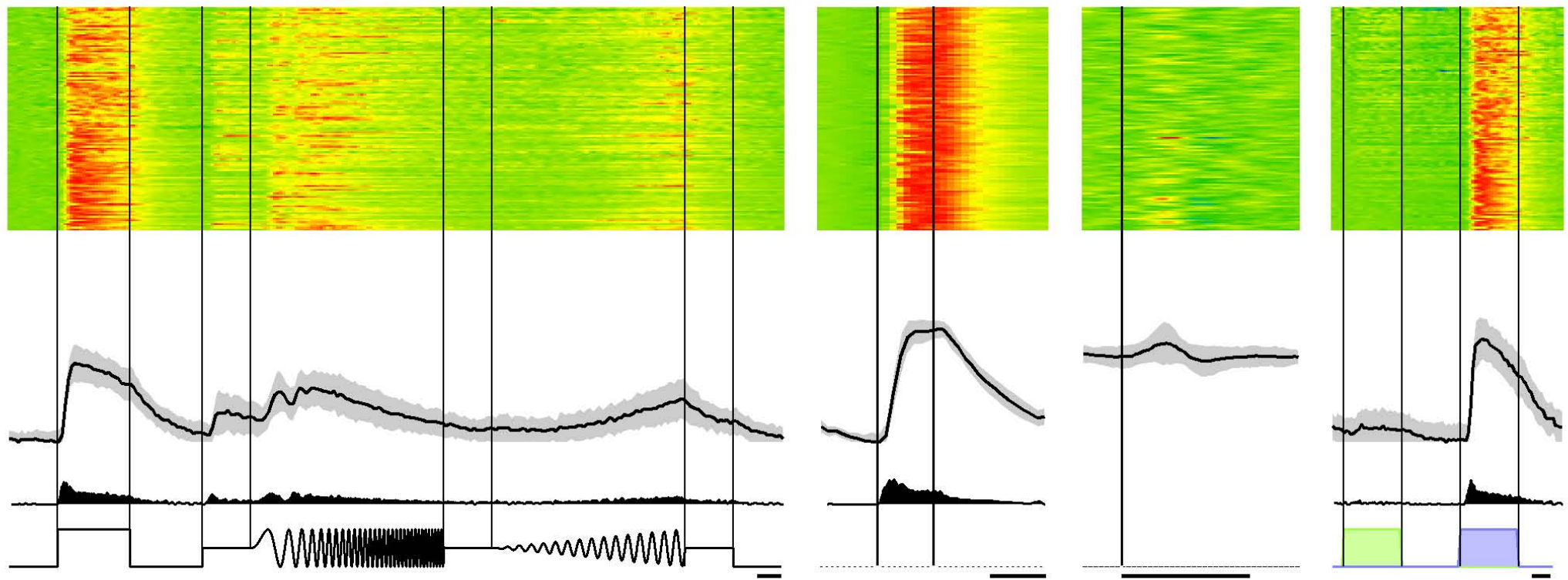


d

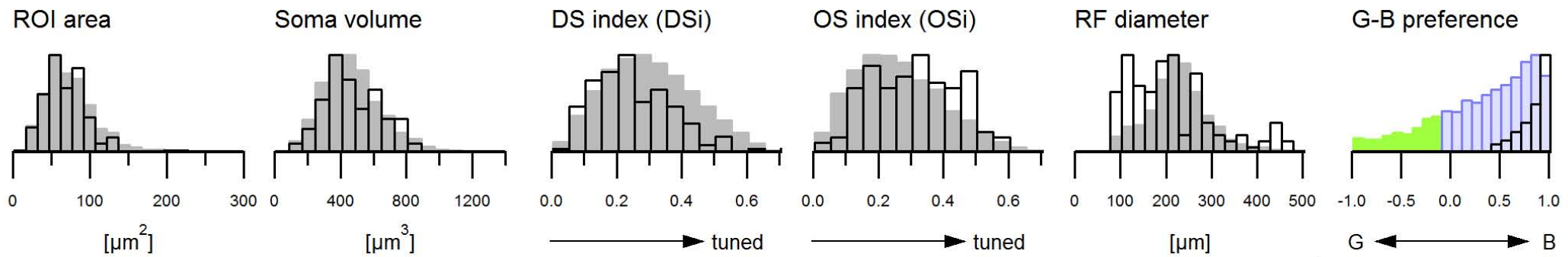


Group 40 AC ON sust. 3 (b)
57 Cells, 0.71%, (1.93% of ACs); CF: 2.59

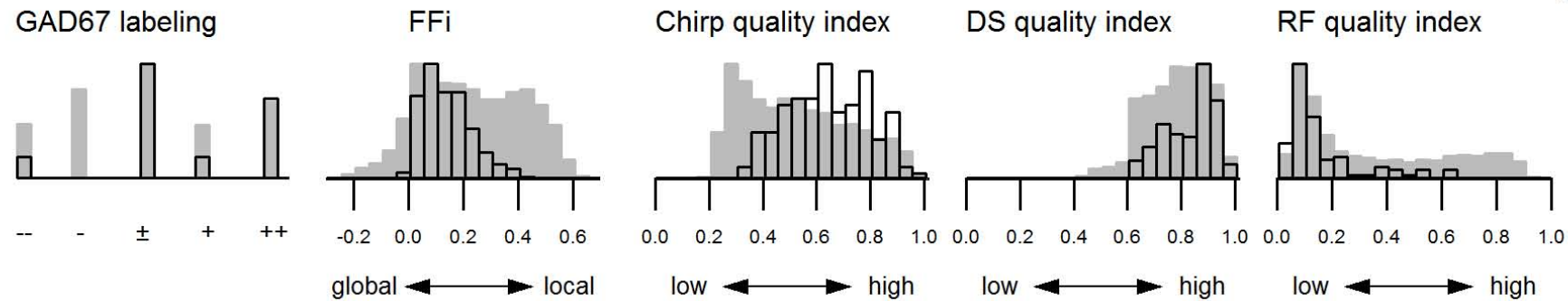
SFig. 3-64 a



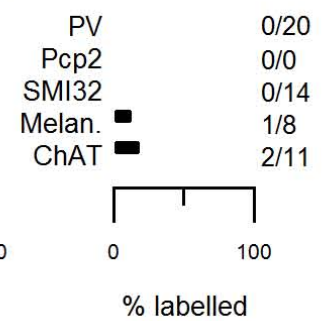
b



c



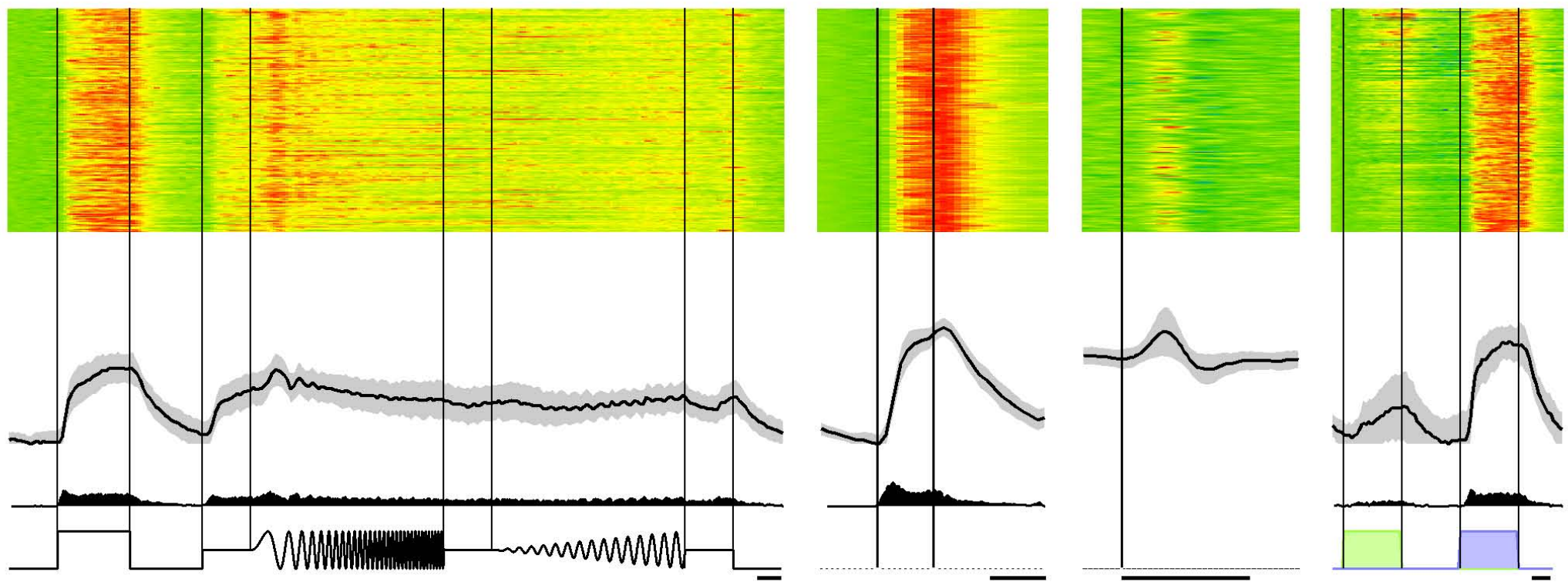
d



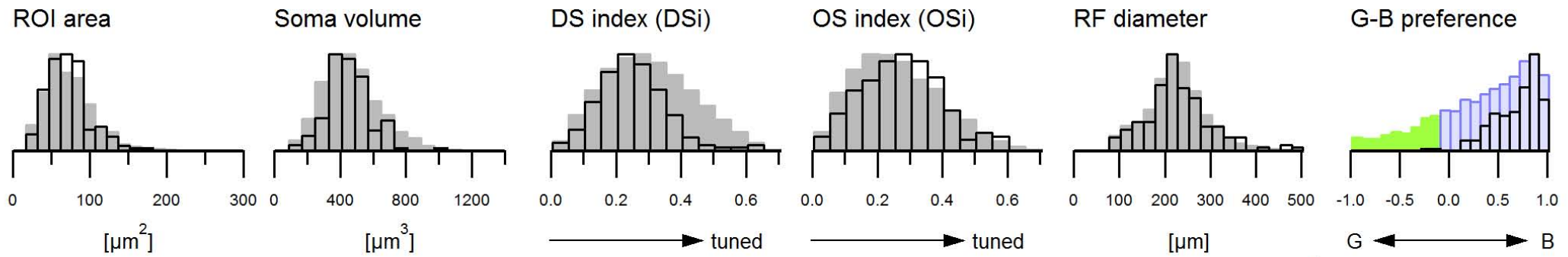
Group 41 AC ON sust. 4

124 Cells, 1.55%, (4.19% of ACs); CF: 2.66

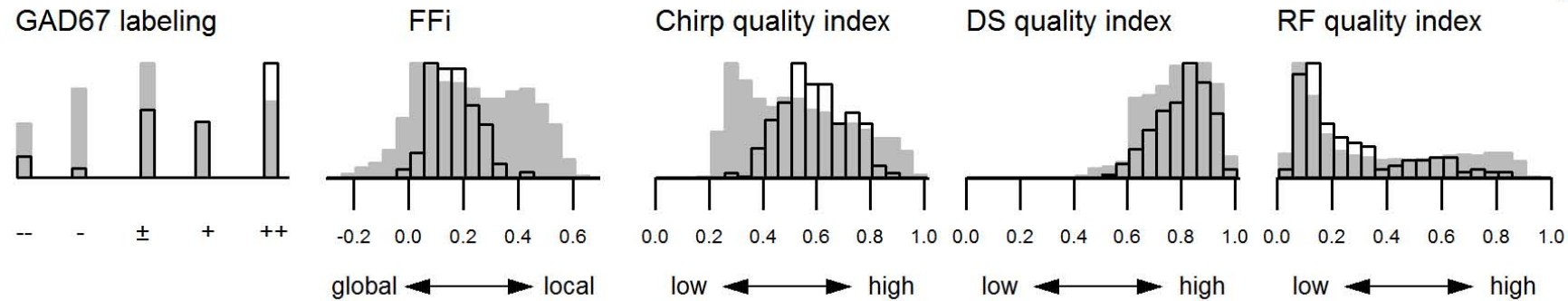
SFig. 3-65 a



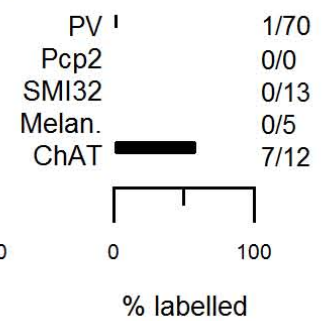
b



c



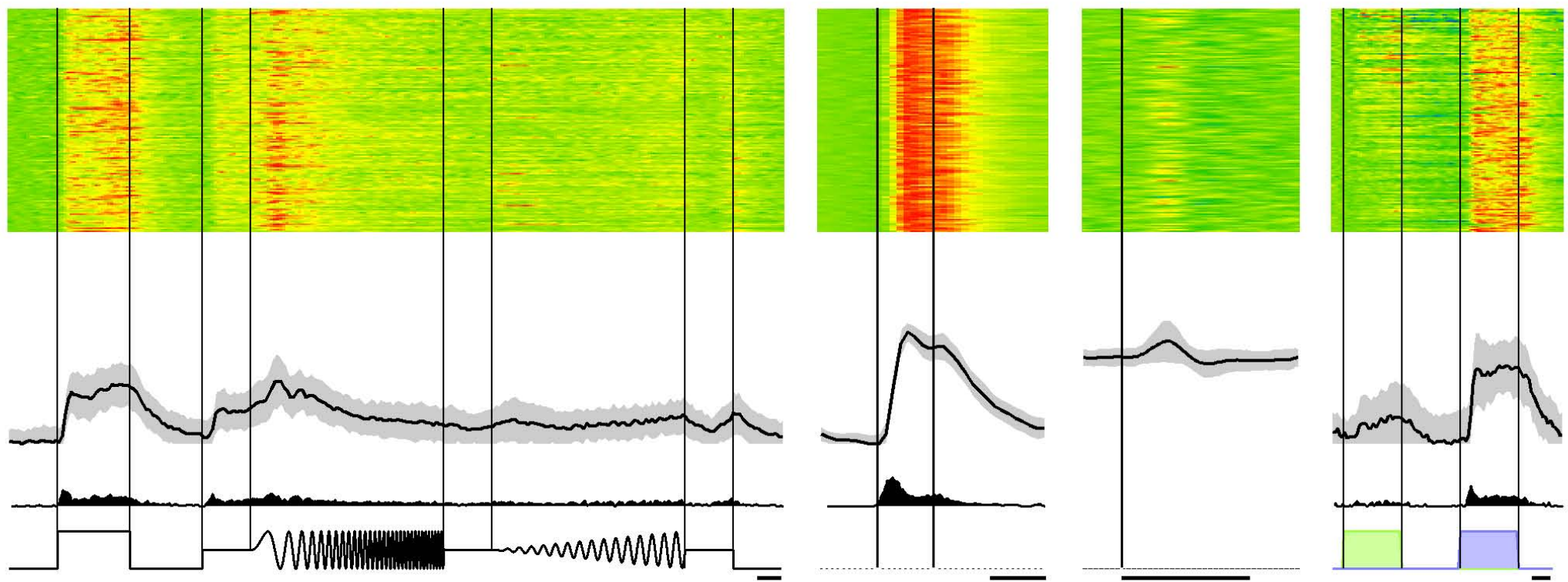
d



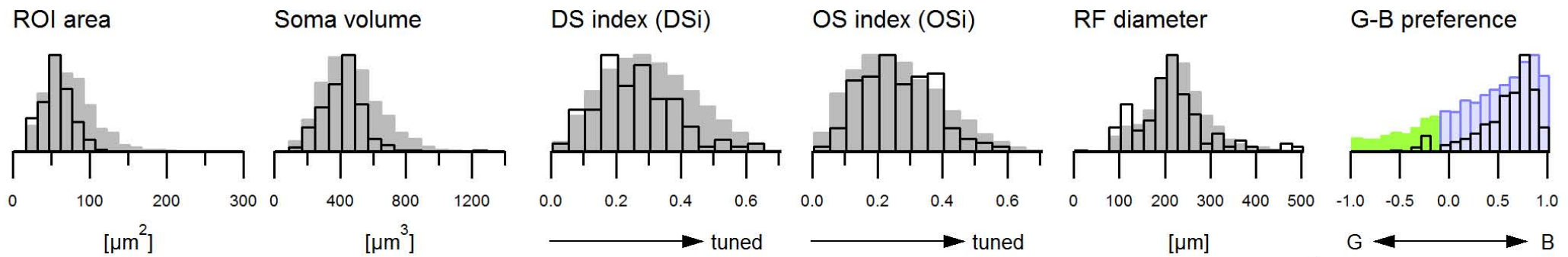
Group 42 AC ON starburst (a)

195 Cells, 2.44%, (6.59% of ACs); CF: 2.05

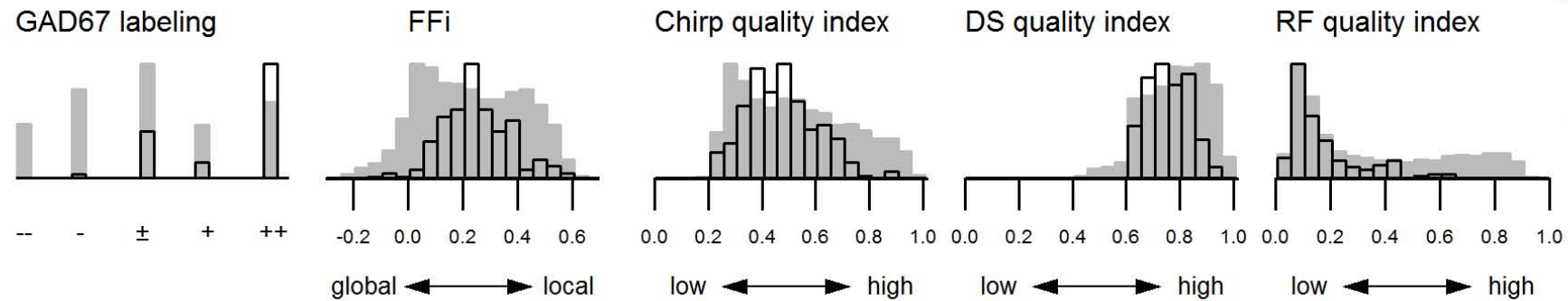
SFig. 3-66 a



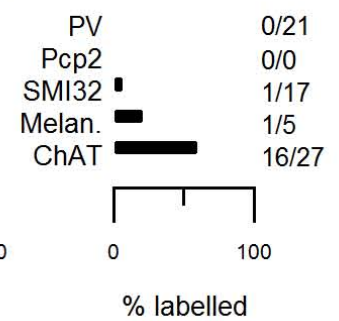
b



c



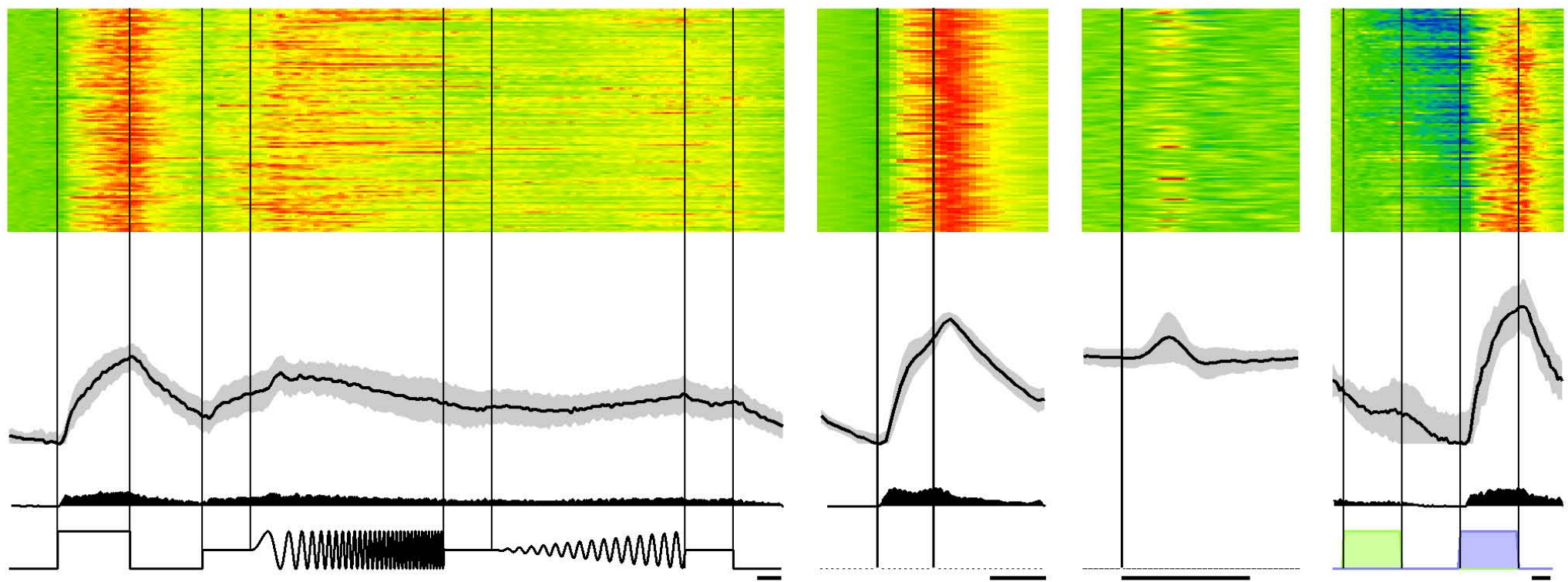
d



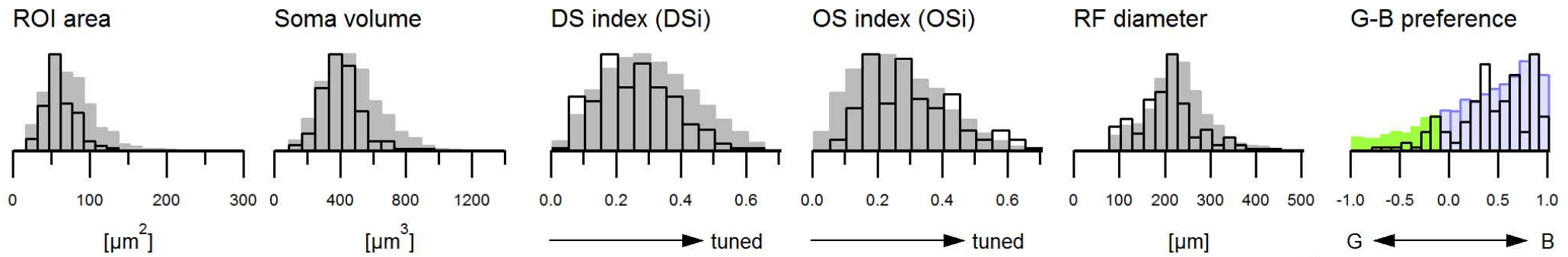
Group 42 AC ON starburst (b)

155 Cells, 1.94%, (5.24% of ACs); CF: 3.64

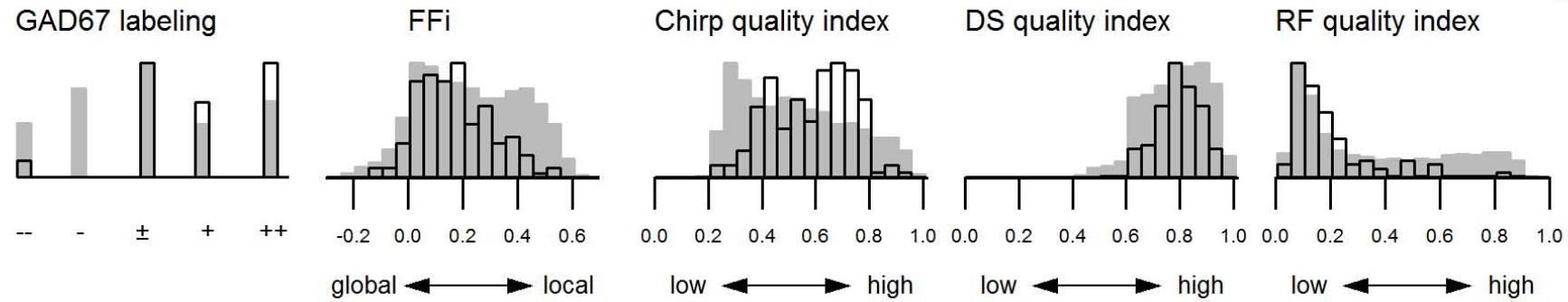
SFig. 3-67 a



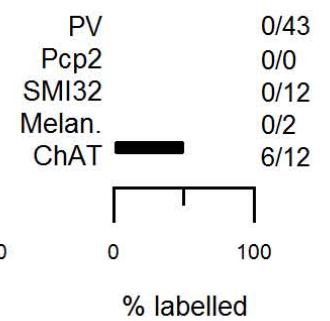
b



c



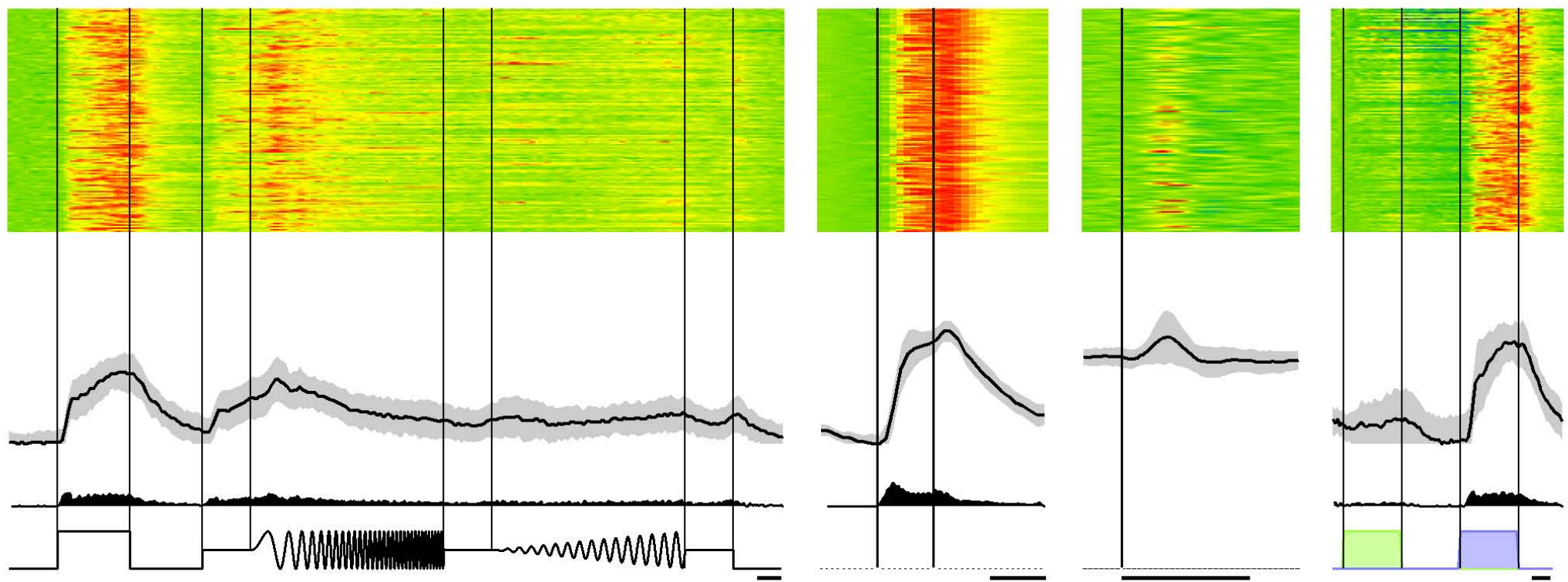
d



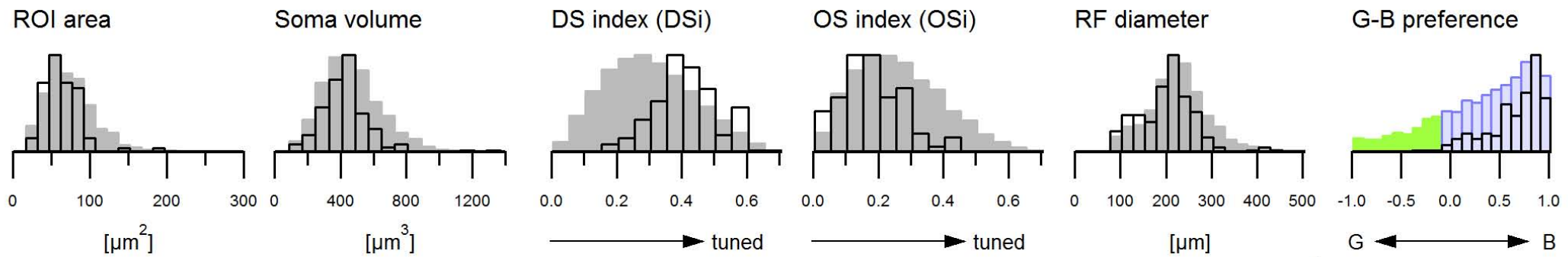
Group 42 AC ON starburst (c)

119 Cells, 1.49%, (4.02% of ACs); CF: 1.02

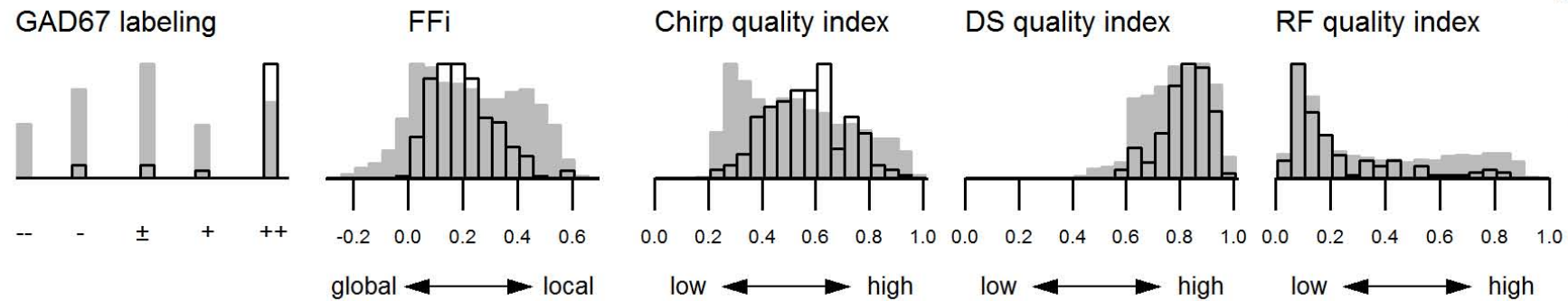
SFig. 3-68 a



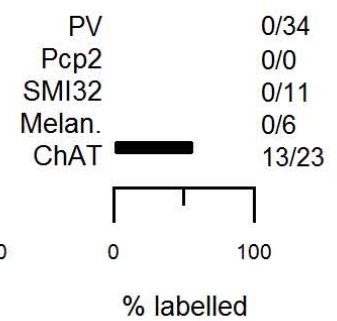
b



c



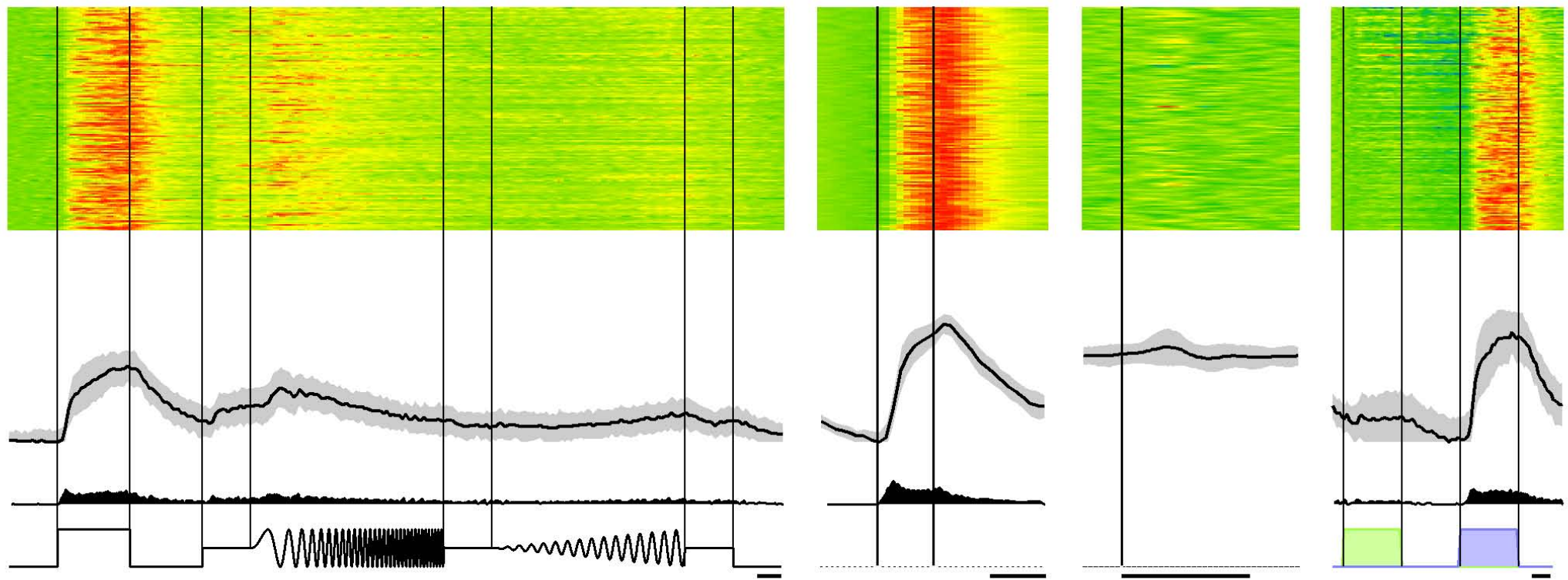
d



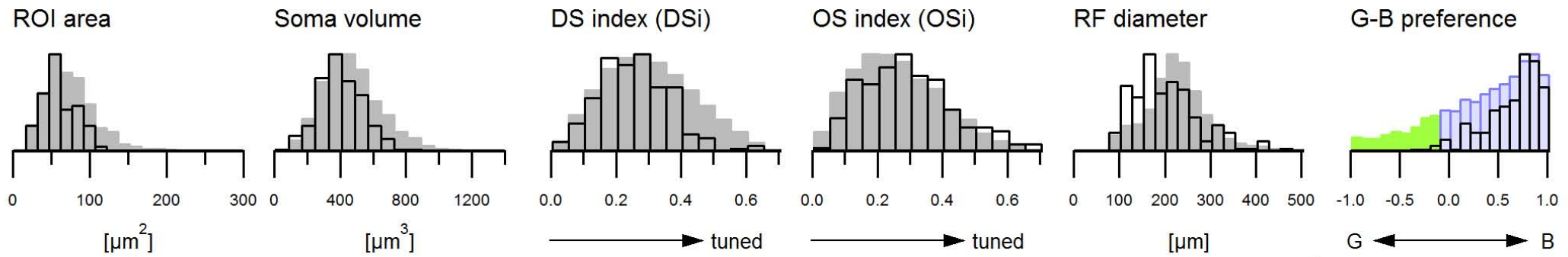
Group 42 AC ON starburst (d)

140 Cells, 1.75%, (4.73% of ACs); CF: 1.42

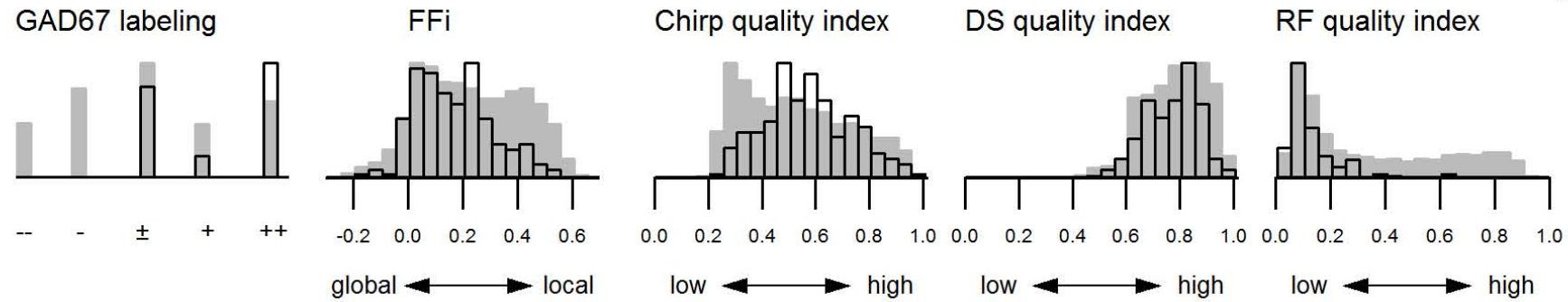
SFig. 3-69 a



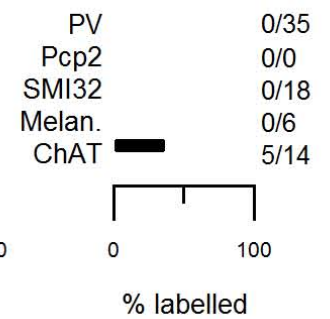
b



c



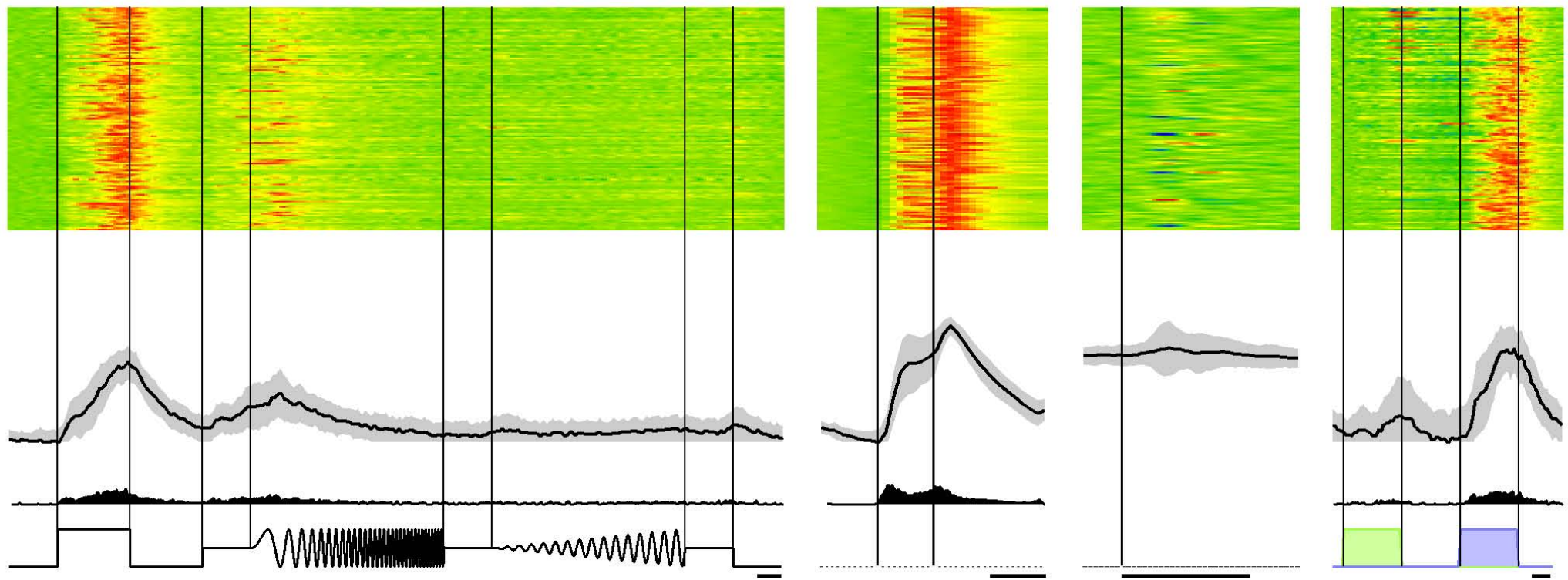
d



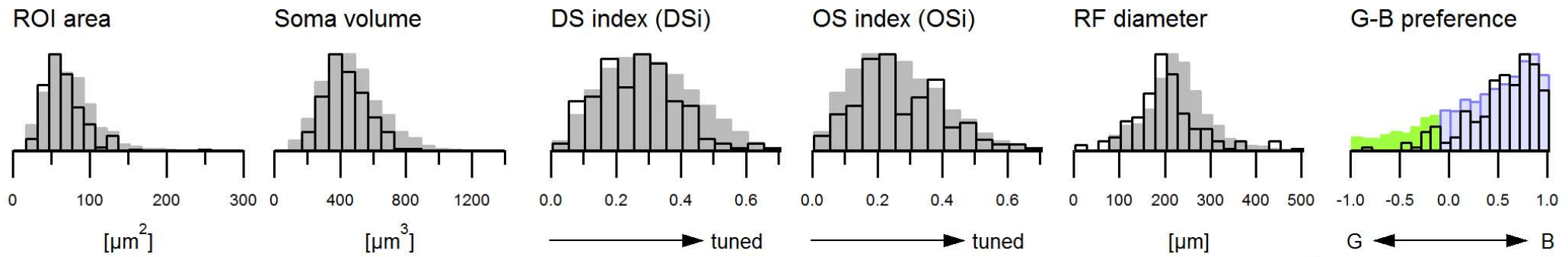
Group 42 AC ON starburst (e)

151 Cells, 1.89%, (5.1% of ACs); CF: 2.01

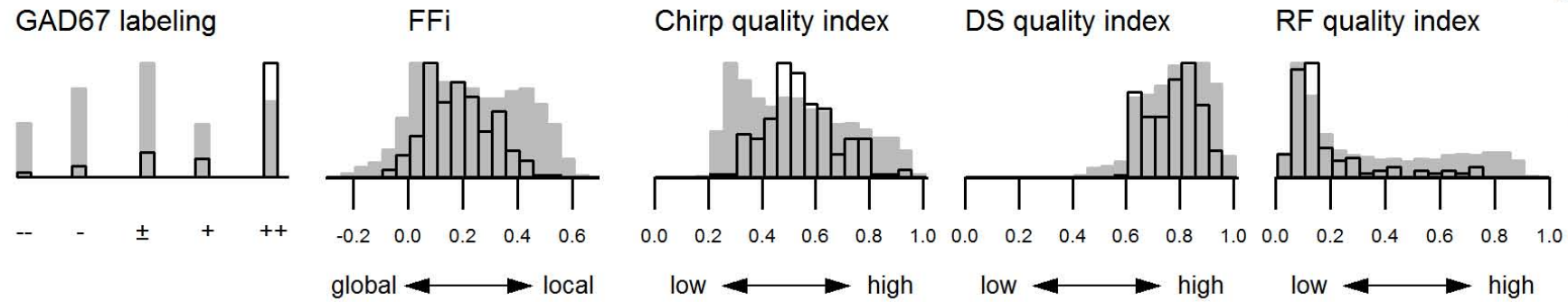
SFig. 3-70 a



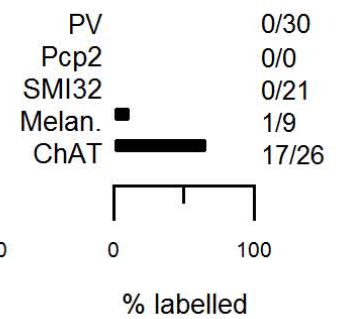
b



c



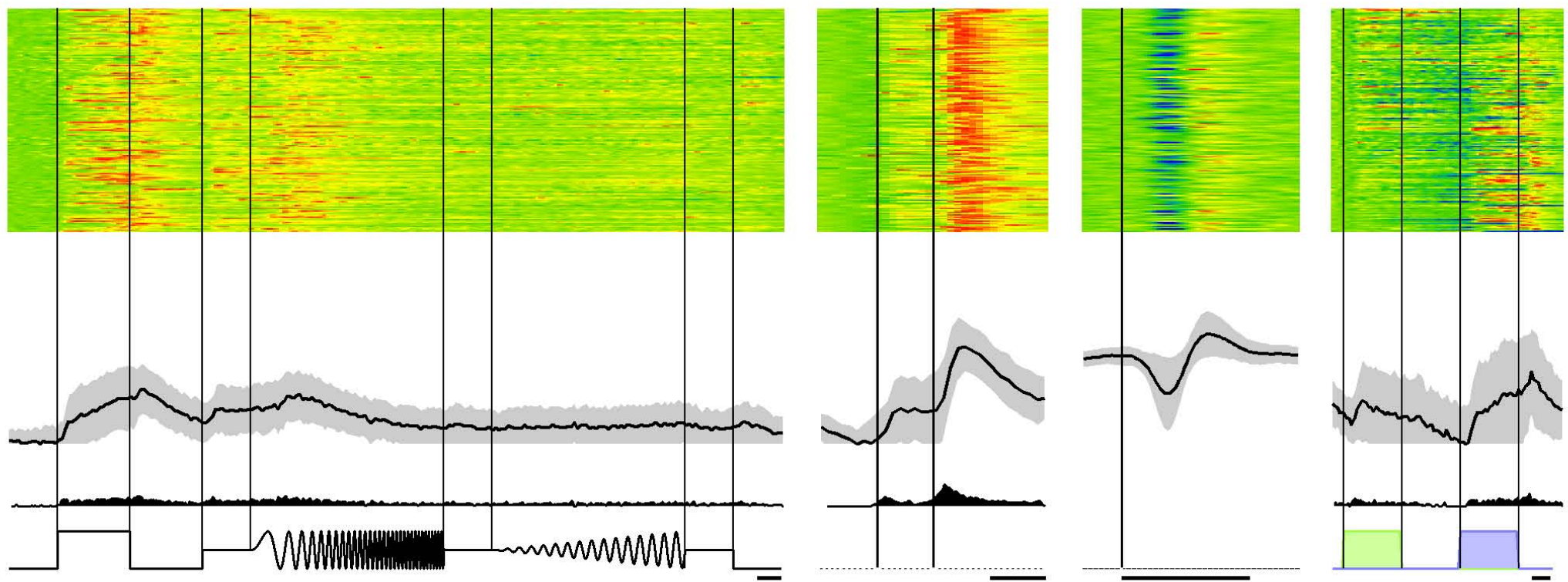
d



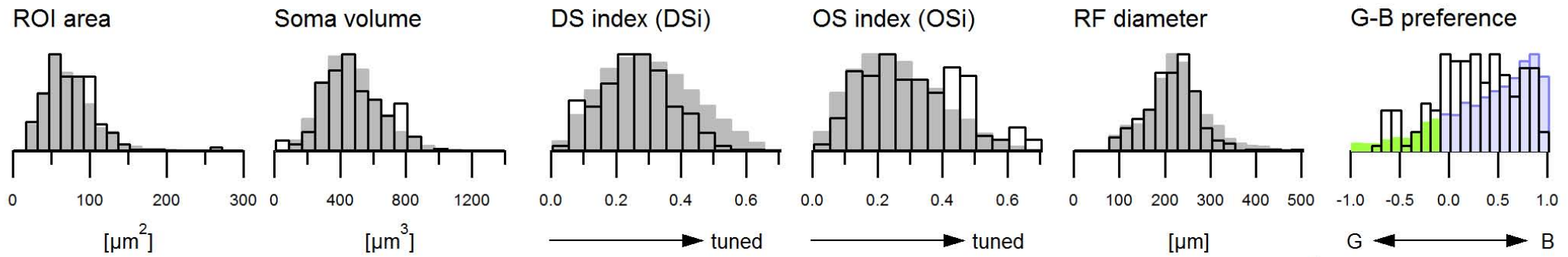
Group 42 AC ON starburst (f)

129 Cells, 1.62%, (4.36% of ACs); CF: 2.12

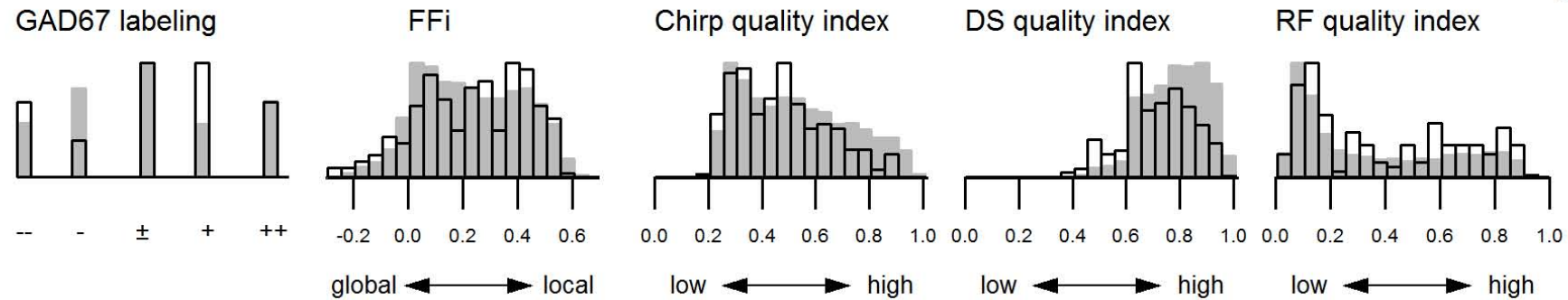
SFig. 3-71 a



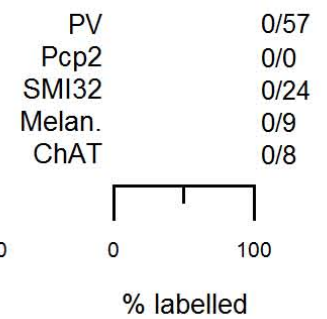
b



c

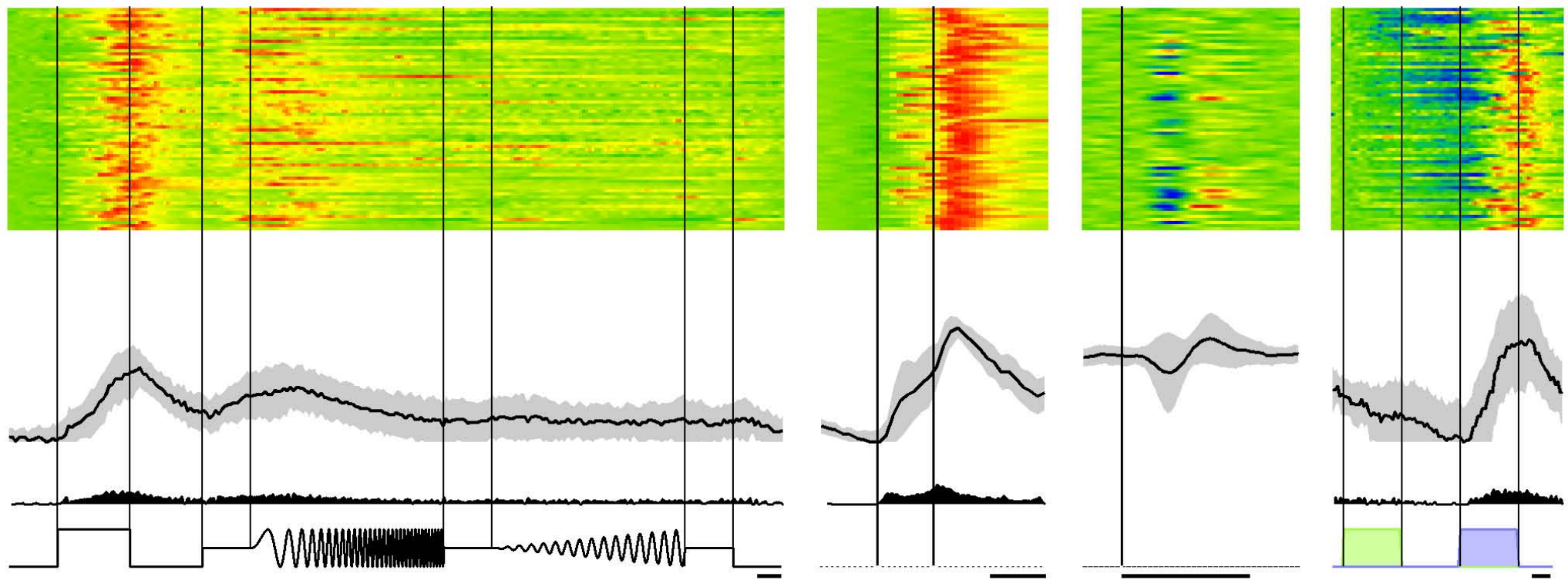


d

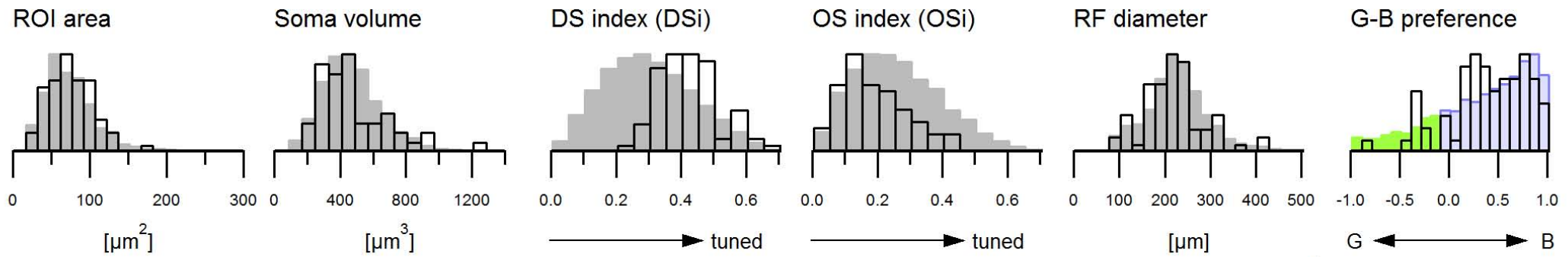


Group 43 AC ON-OFF local
 174 Cells, 2.18%, (5.88% of ACs); CF: 2.31

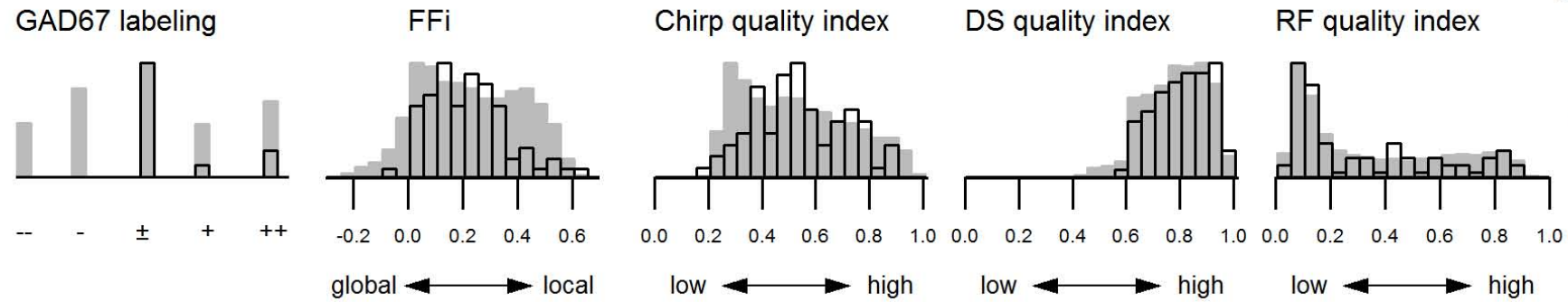
SFig. 3-72 a



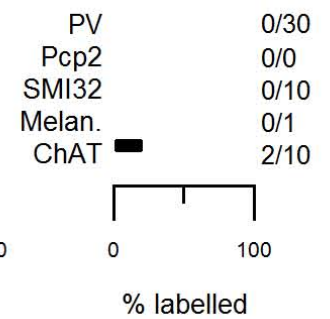
b



c



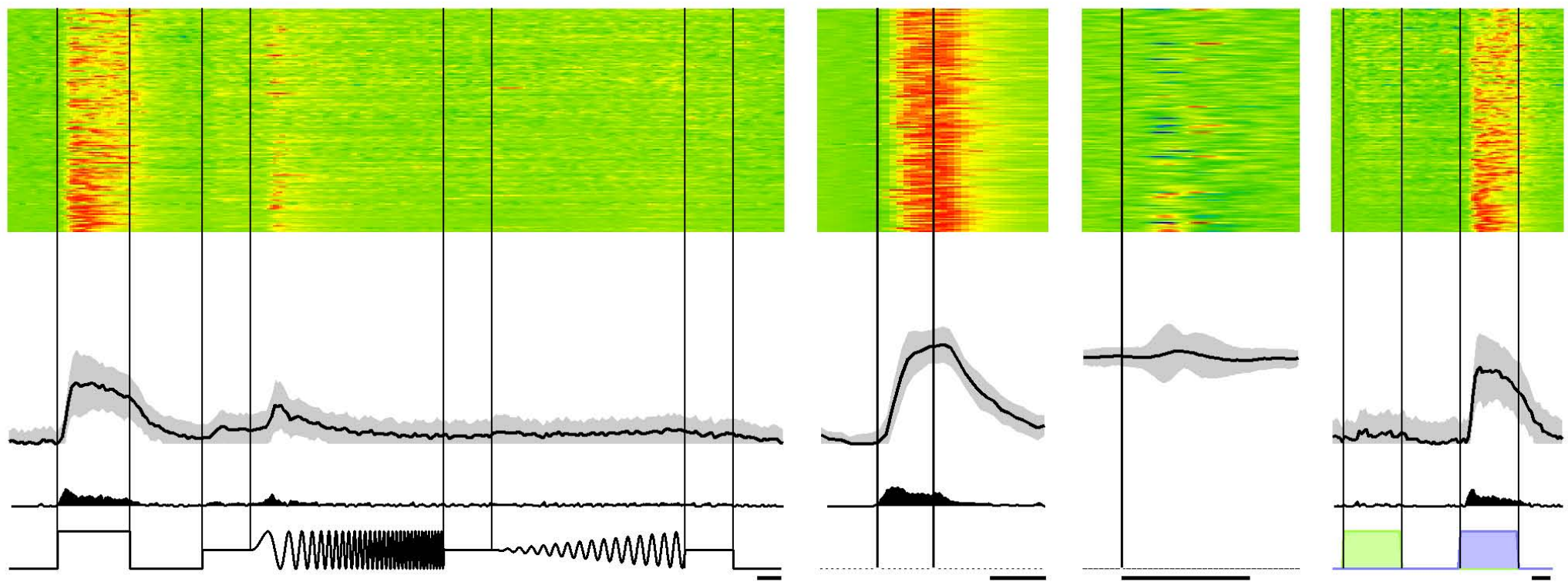
d



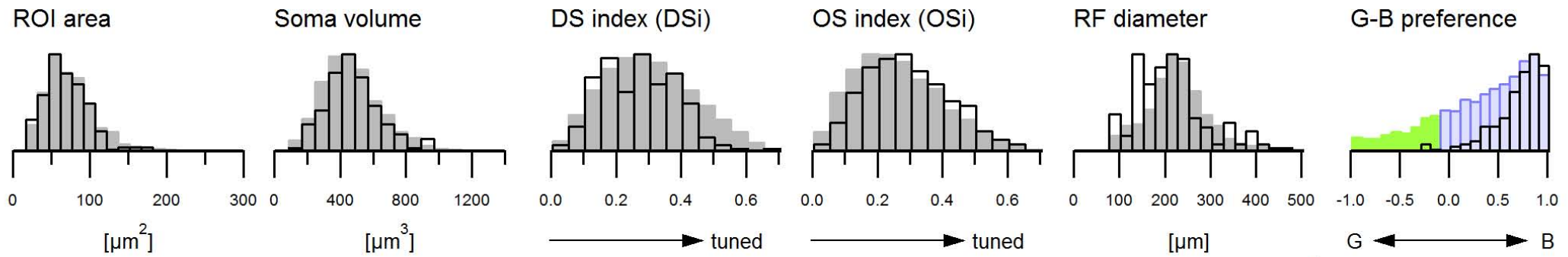
Group 44 AC ON step

70 Cells, 0.88%, (2.37% of ACs); CF: 2.01

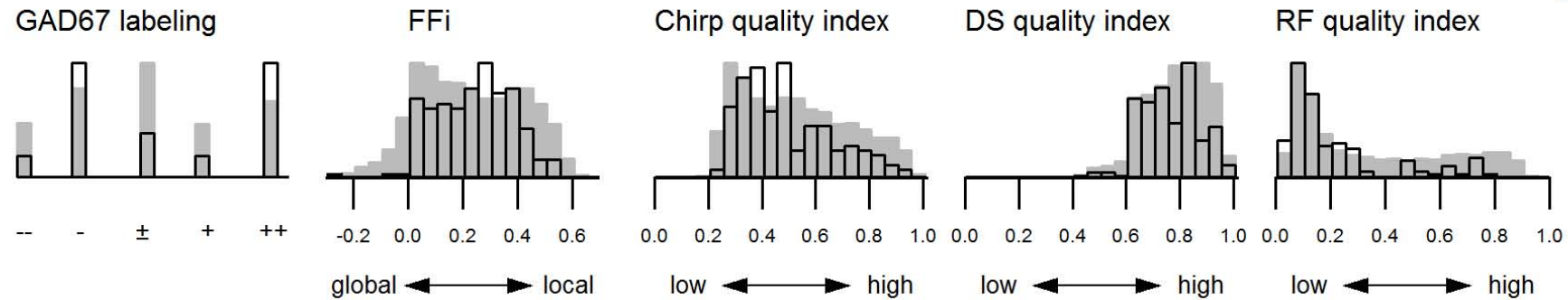
SFig. 3-73 a



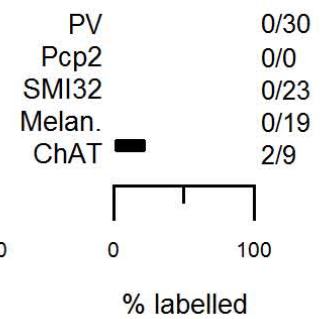
b



c



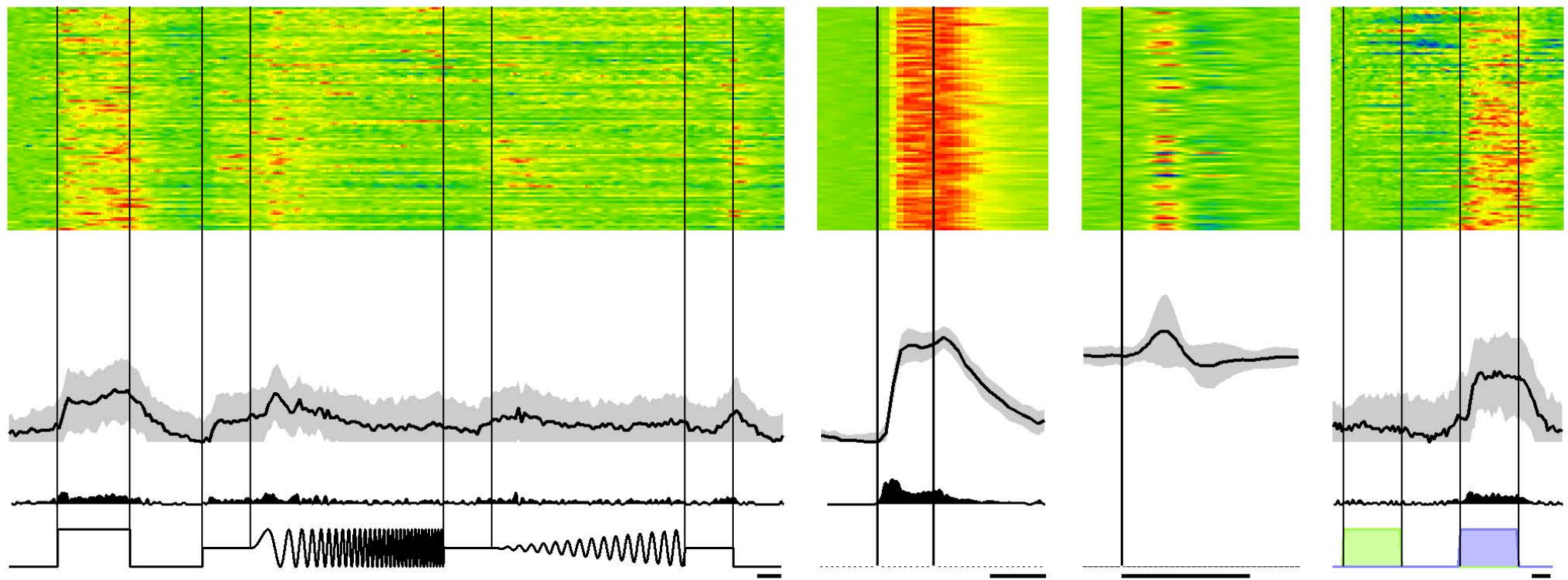
d



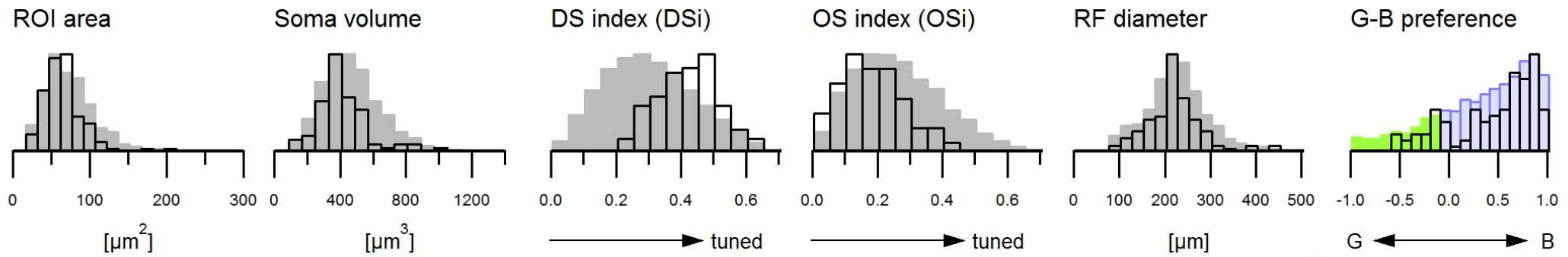
Group 45 AC ON local 1

156 Cells, 1.95%, (5.27% of ACs); CF: 2.56

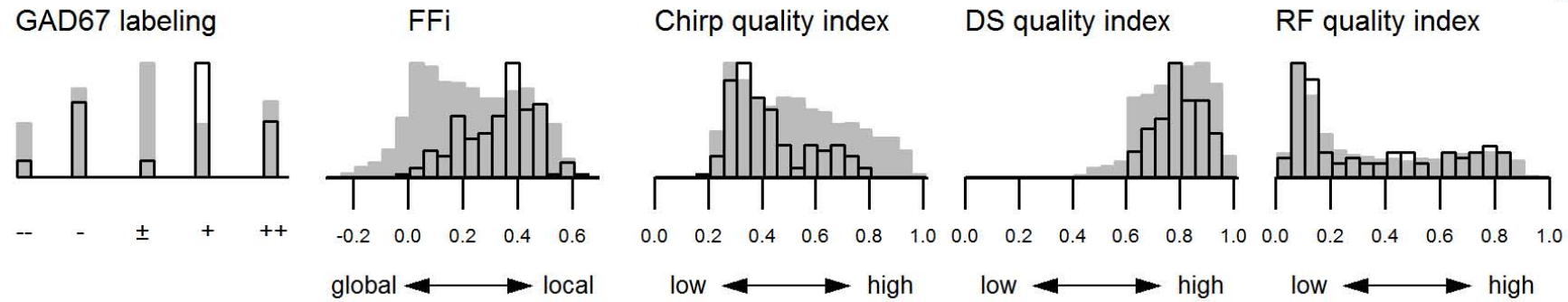
SFig. 3-74 a



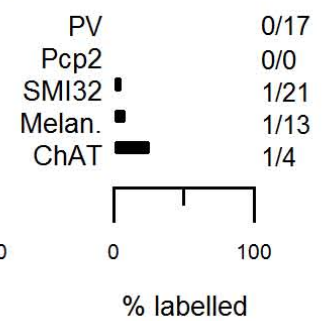
b



c



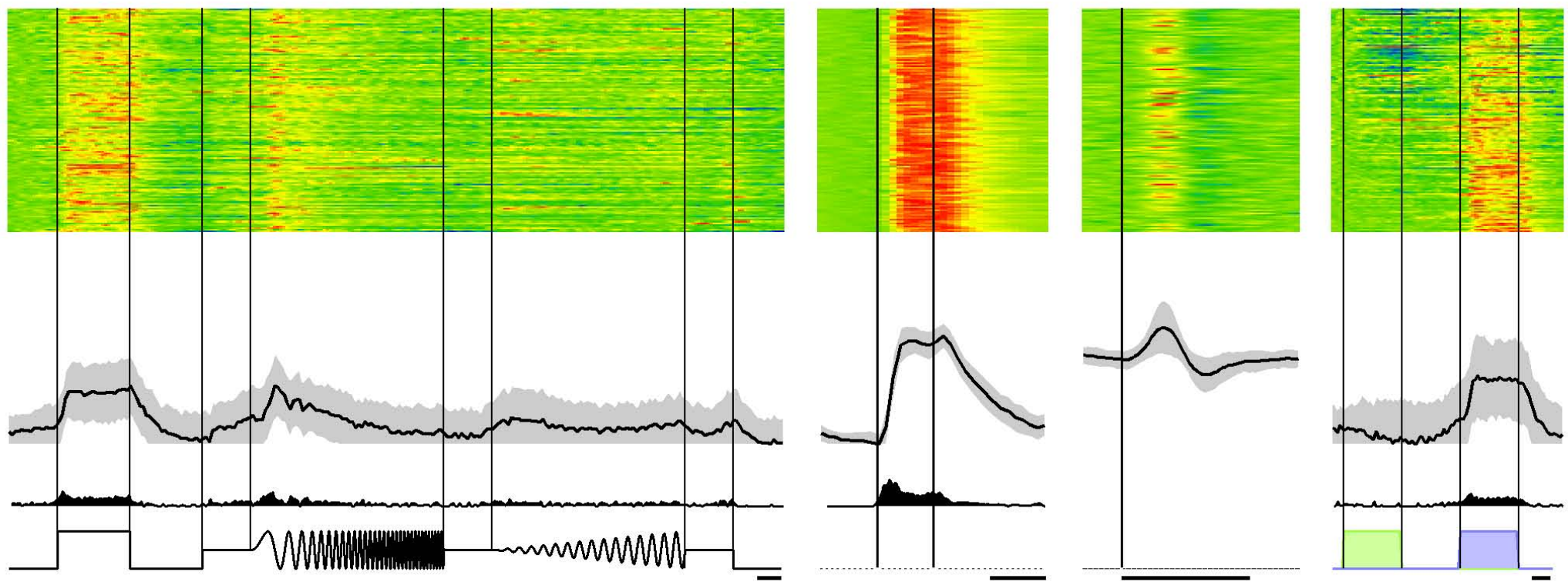
d



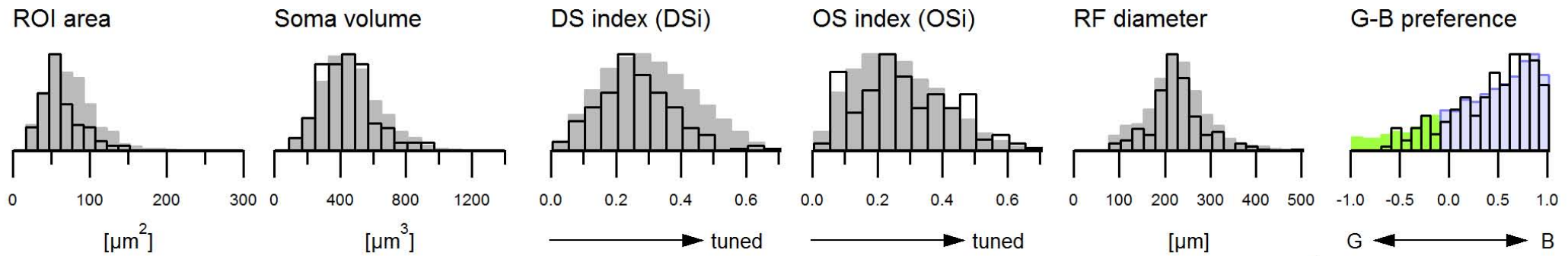
Group 46 AC ON local 2 (a)

99 Cells, 1.24%, (3.35% of ACs); CF: 1.49

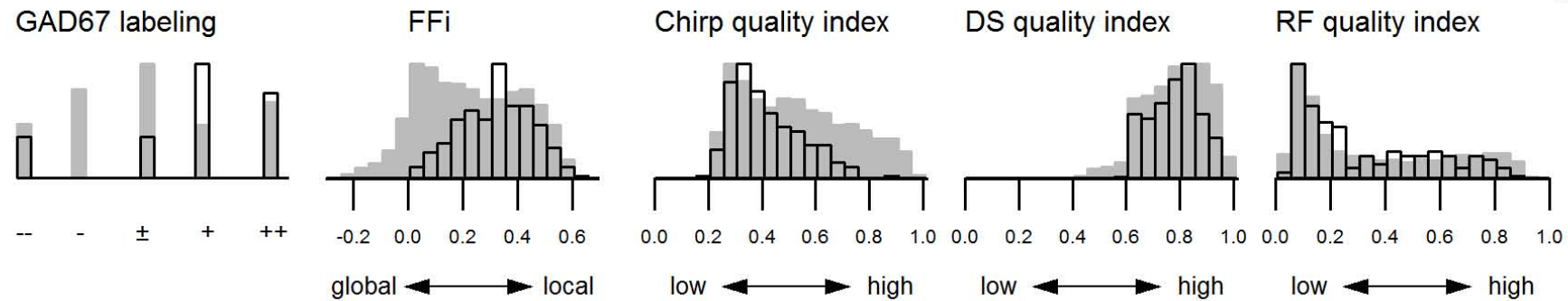
SFig. 3-75 a



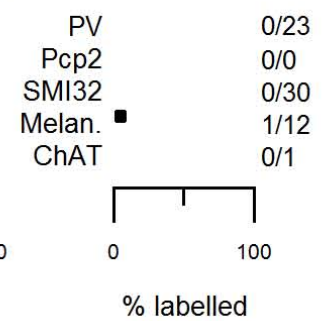
b



c



d



Group 46 AC ON local 2 (b)

138 Cells, 1.73%, (4.67% of ACs); CF: 2.29