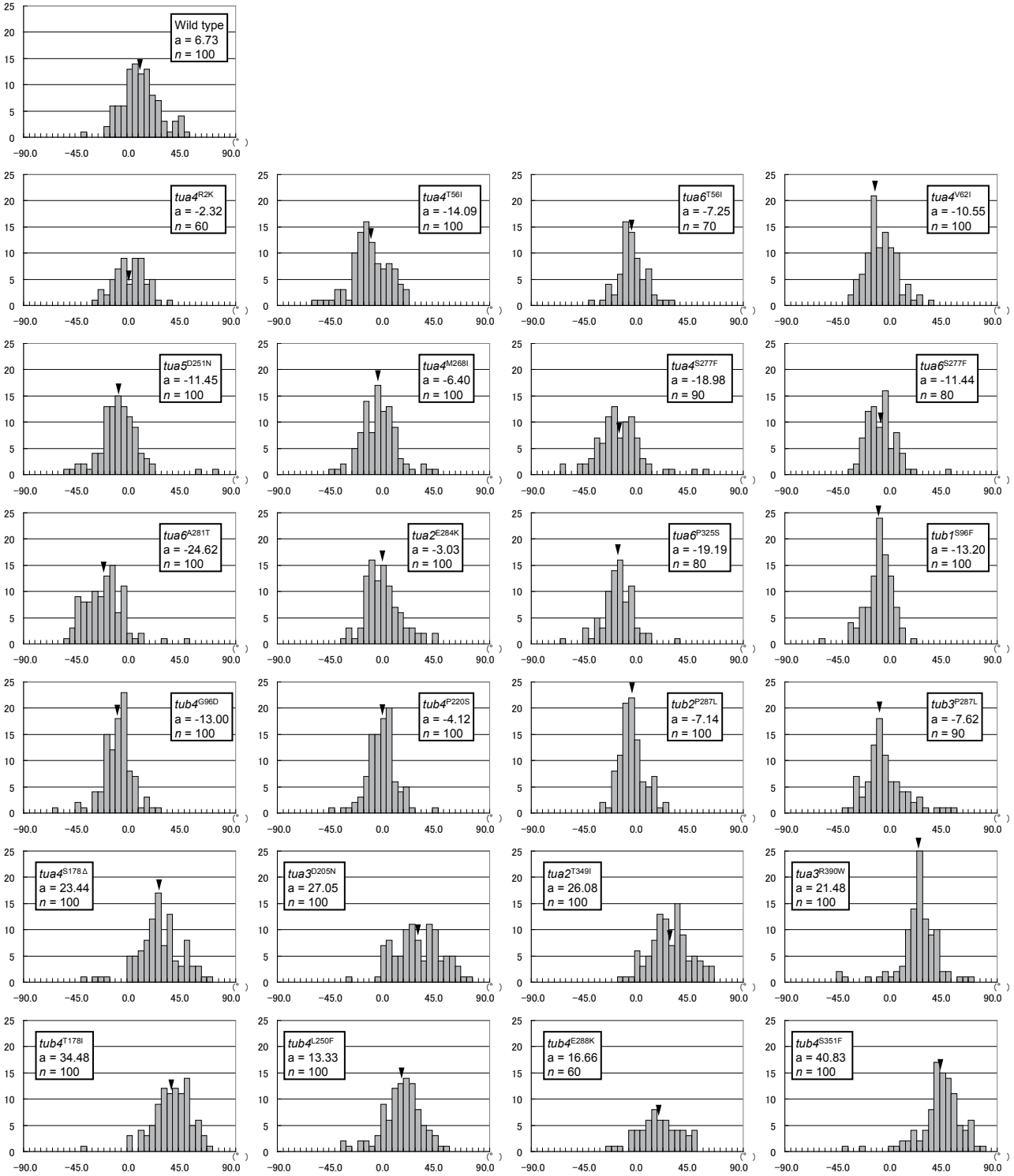
Wild type
a = 6.73
n = 100
tua4R2K
a = -2.32
n = 60
tua4T56I
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n = 100
tua6T56I
a = -7.25
n = 70
tua4V62I
a = -10.55
n = 100
tua5D251N
a = -11.45
n = 100
tua4M268I
a = -6.40
n = 100
tua4S277F
a = -18.98
n = 90
tua6S277F
a = -11.44
n = 80
tua6A281T
a = -24.62
n = 100
tua2E284K
a = -3.03
n = 100
tua6P325S
a = -19.19
n = 80
tub1S96F
a = -13.20
n = 100
tub4G96D
a = -13.00
n = 100
tub4P220S
a = -4.12
n = 100
tub2P287L
a = -7.14
n = 100
tub3P287L
a = -7.62
n = 90
tua4S178Δ
a = 23.44
n = 100
tua3D205N
a = 27.05
n = 100
tua2T349I
a = 26.08
n = 100
tua3R390W
a = 21.48
n = 100
tub4T178I
a = 34.48
n = 100
tub4L250F
a = 13.33
n = 100
tub4E288K
a = 16.66
n = 60
tub4S351F
a = 40.83
n = 100
25
20
15
10
5
0
−90.0
−45.0
0.0
45.0
90.0
(°)