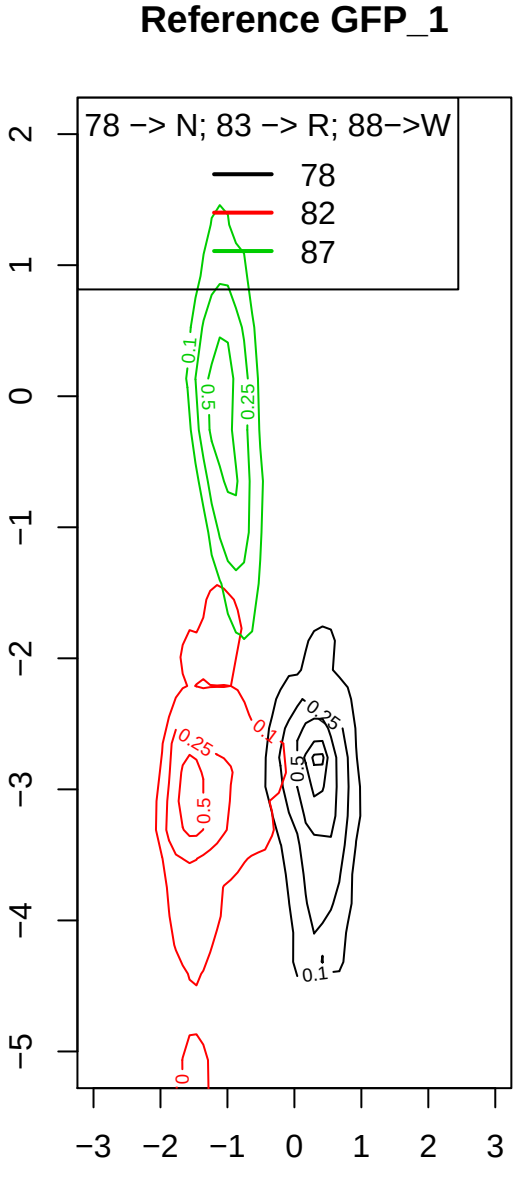
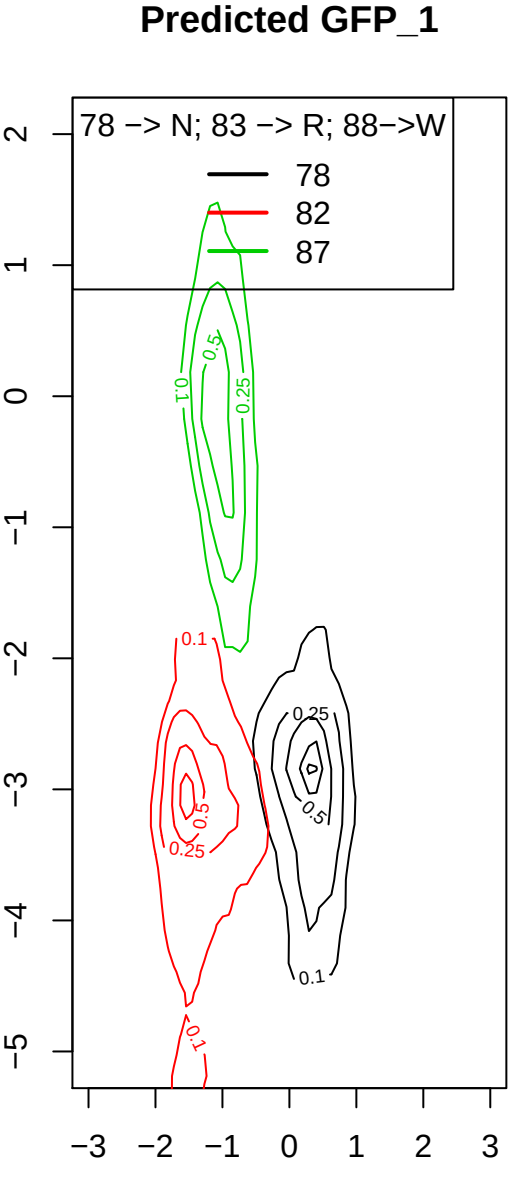
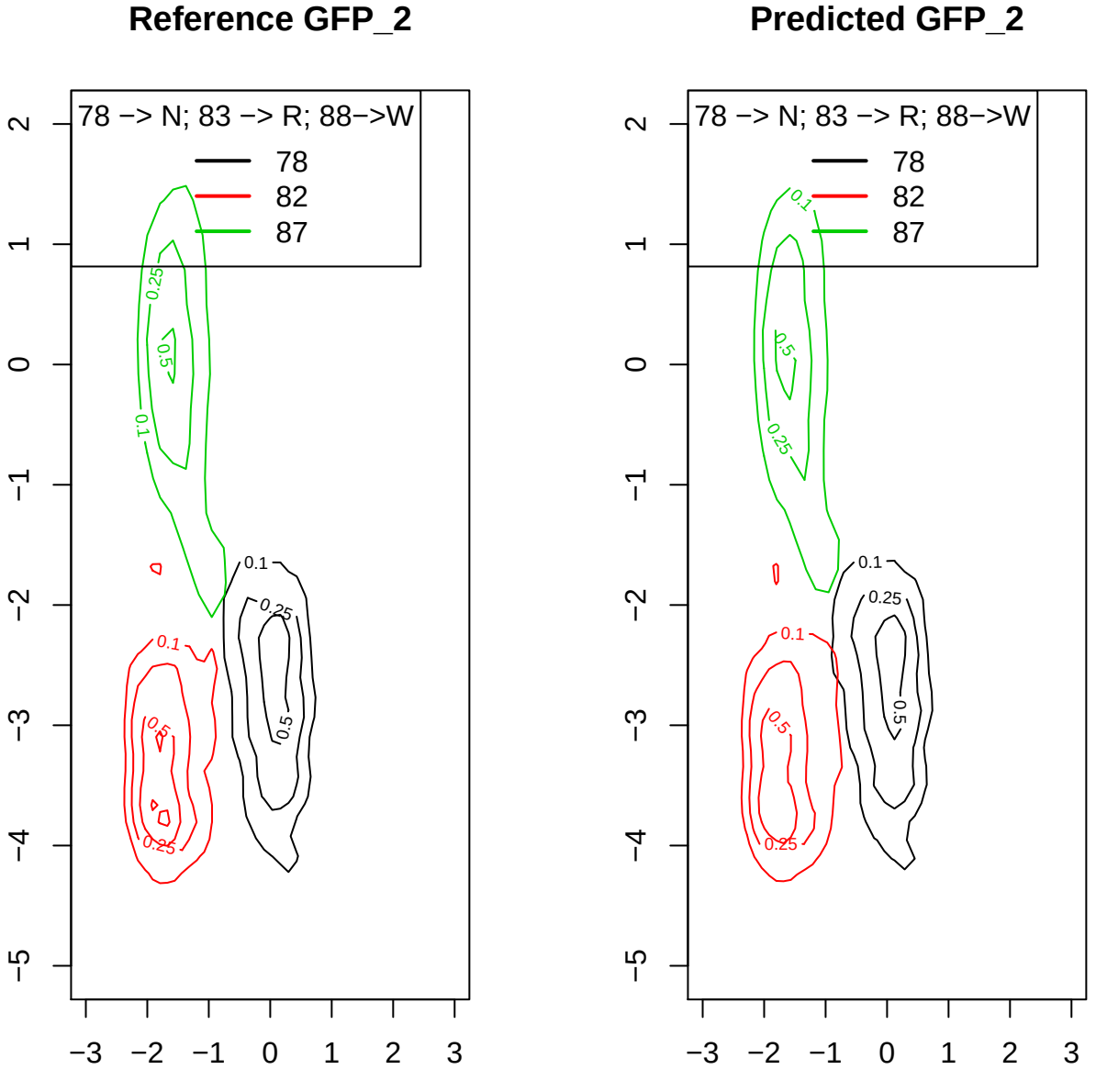
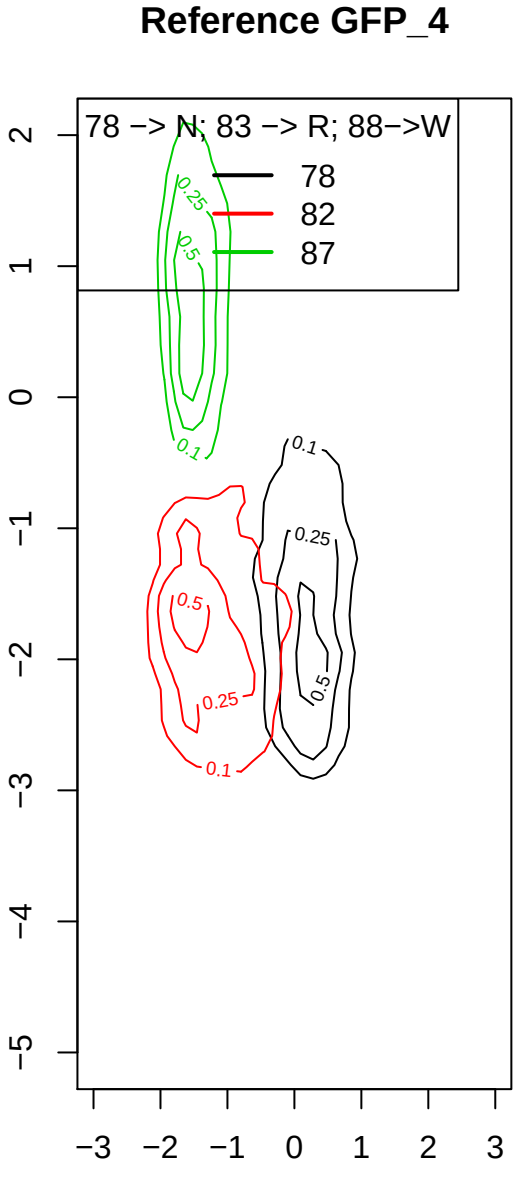
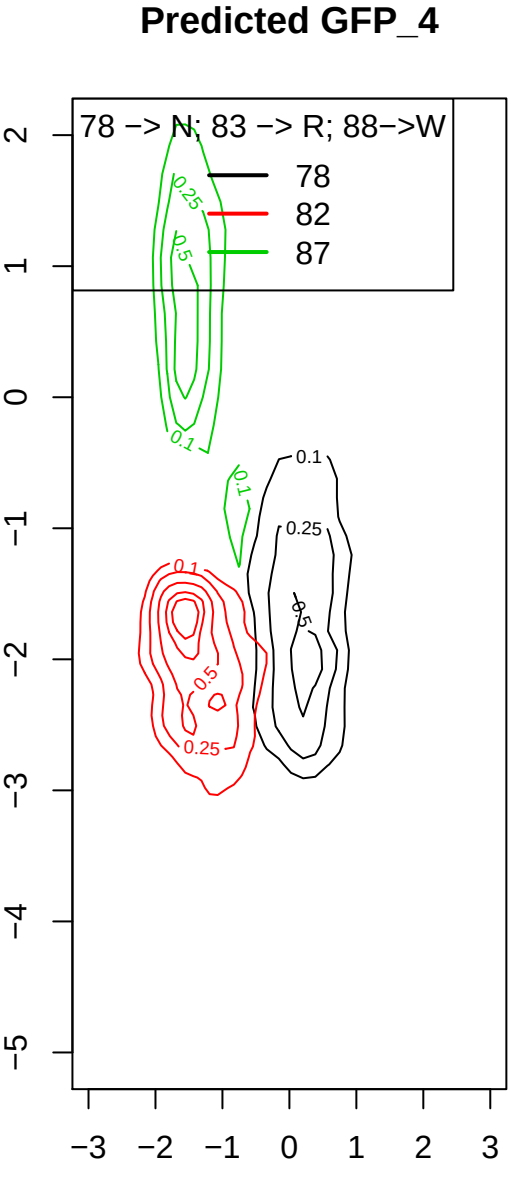
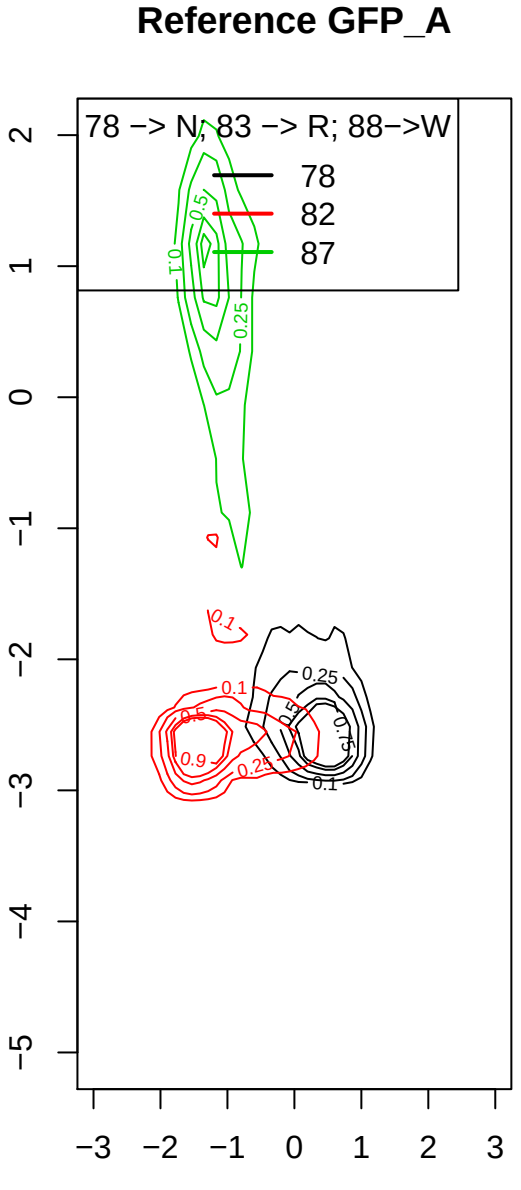

Reference GFP_1
78 −> N; 83 −> R; 88−>W
78
82
87
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

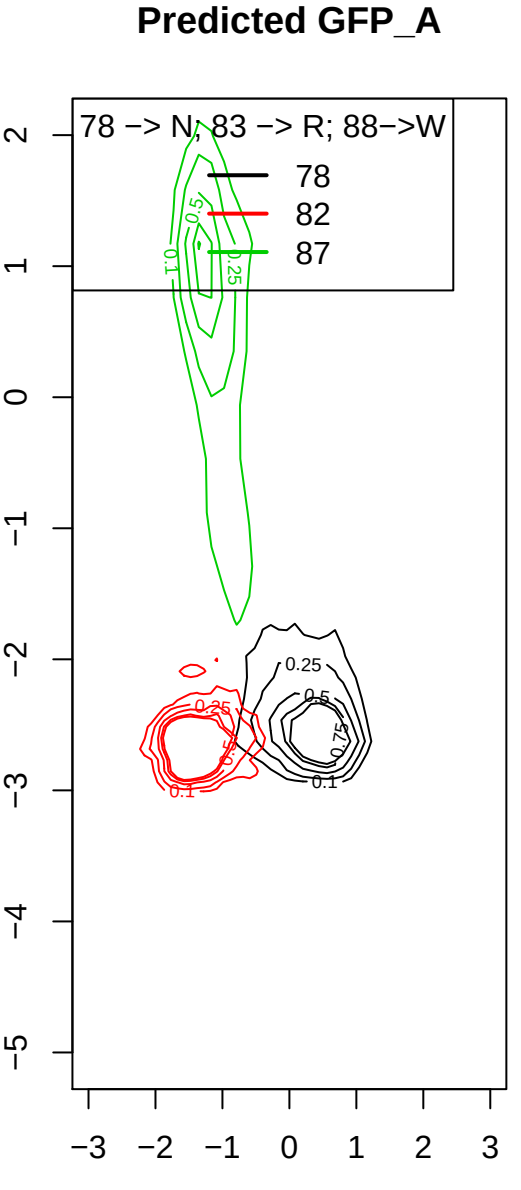

Predicted GFP_1
78 −> N; 83 −> R; 88−>W
78
82
87
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

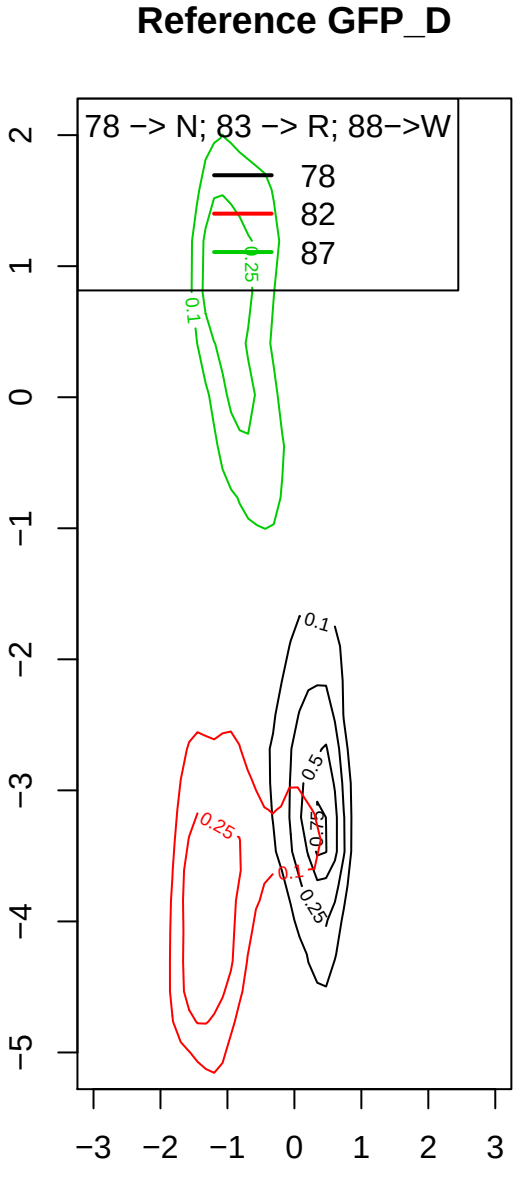

Reference GFP_2
Predicted GFP_2
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
−5
−4
−3
−2
−1
0
1
2
−3
−2
−1
0
1
2
3

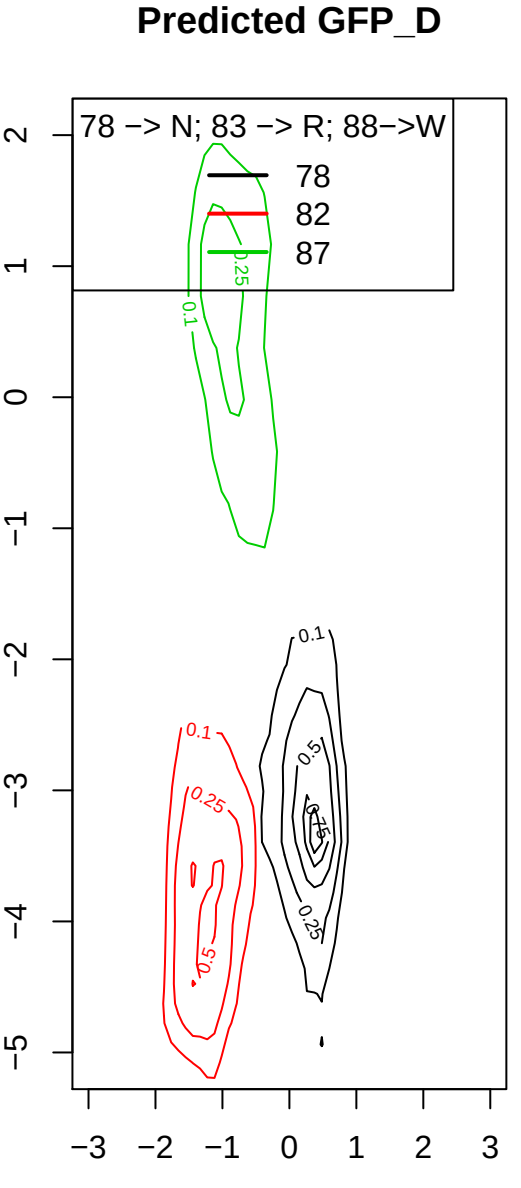

Reference GFP_4
78 −> N; 83 −> R; 88−>W
78
82
87
0.25
0.5
0.1
0.1
0.25
0.5
0.5
0.25
0.1
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

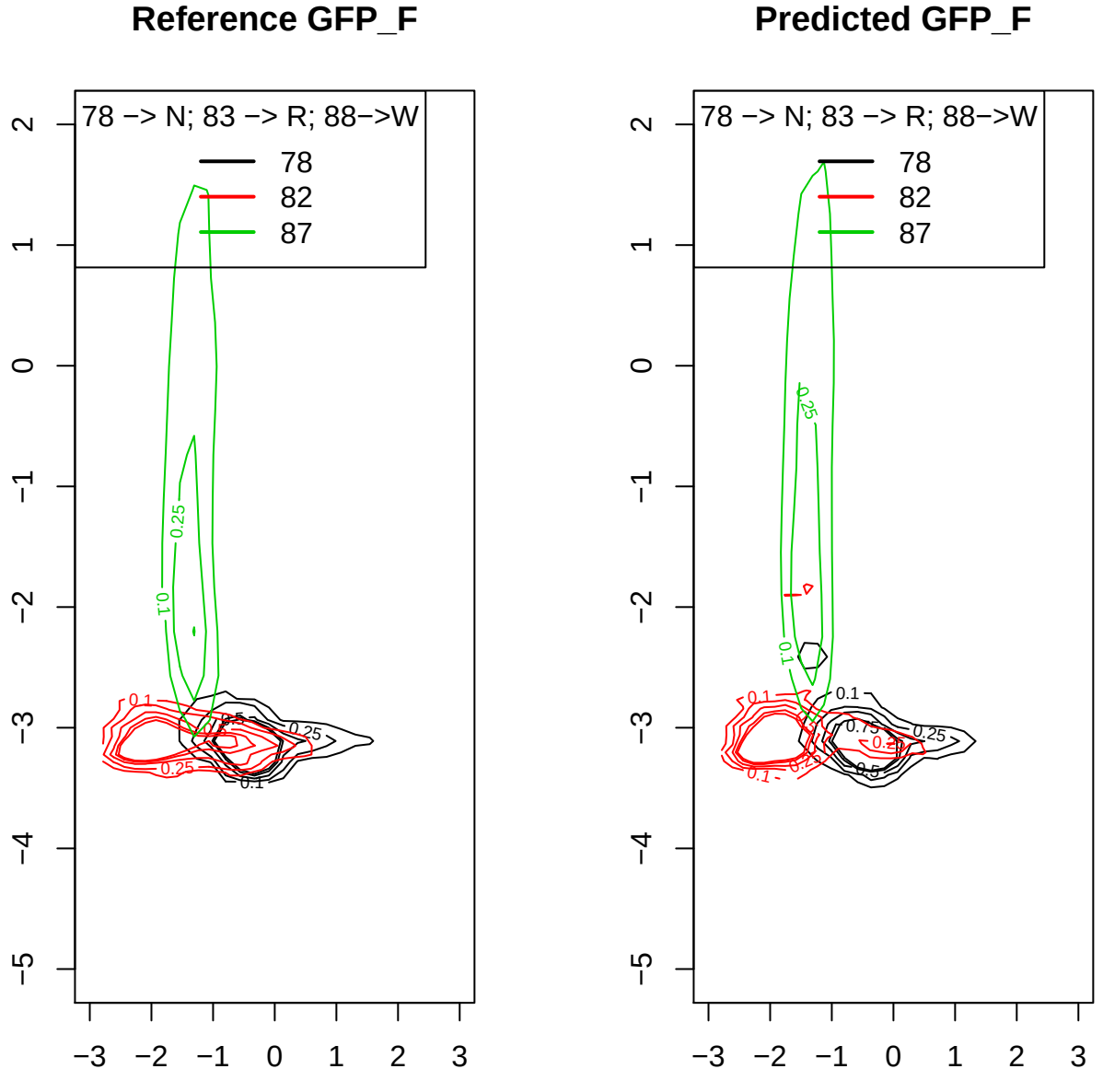

Predicted GFP_4
78 −> N; 83 −> R; 88−>W
78
82
87
0.25
0.5
0.1
0.1
0.1
0.25
0.5
0.5
0.25
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

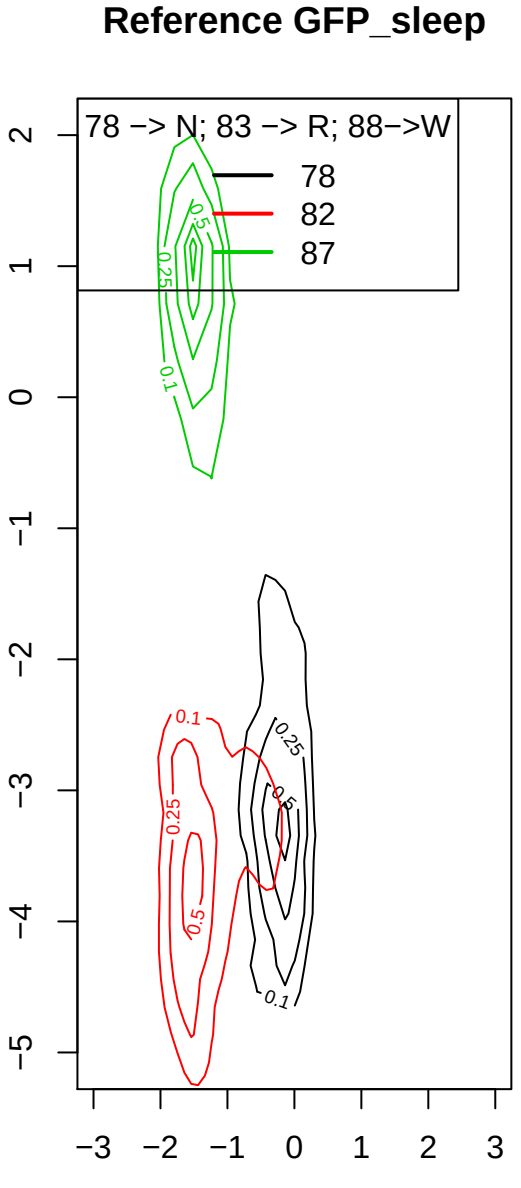

Reference GFP_A
78 −> N; 83 −> R; 88−>W
78
82
87
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

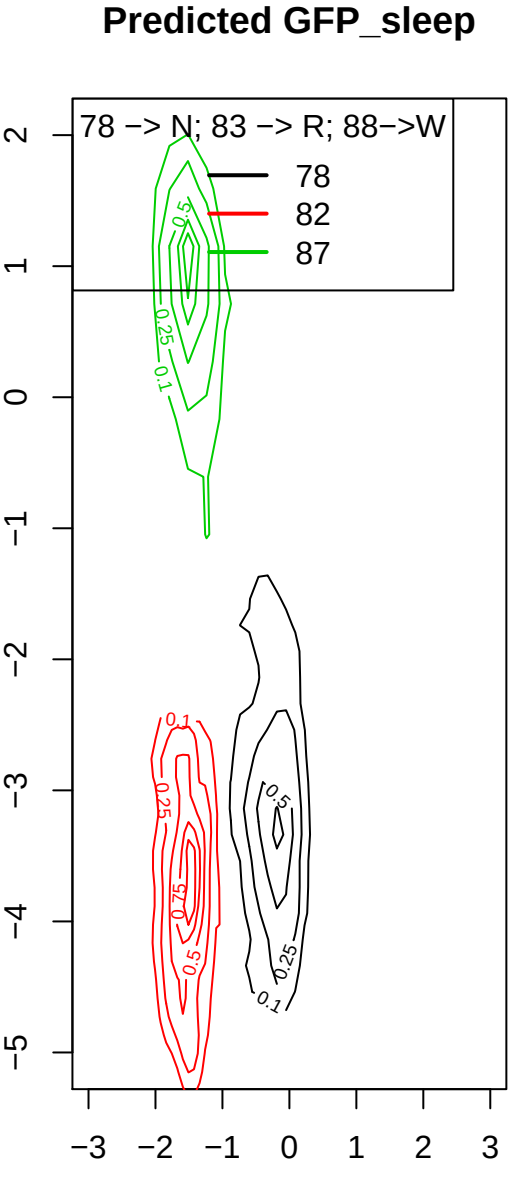

Predicted GFP_A
78 −> N; 83 −> R; 88−>W
78
82
87
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

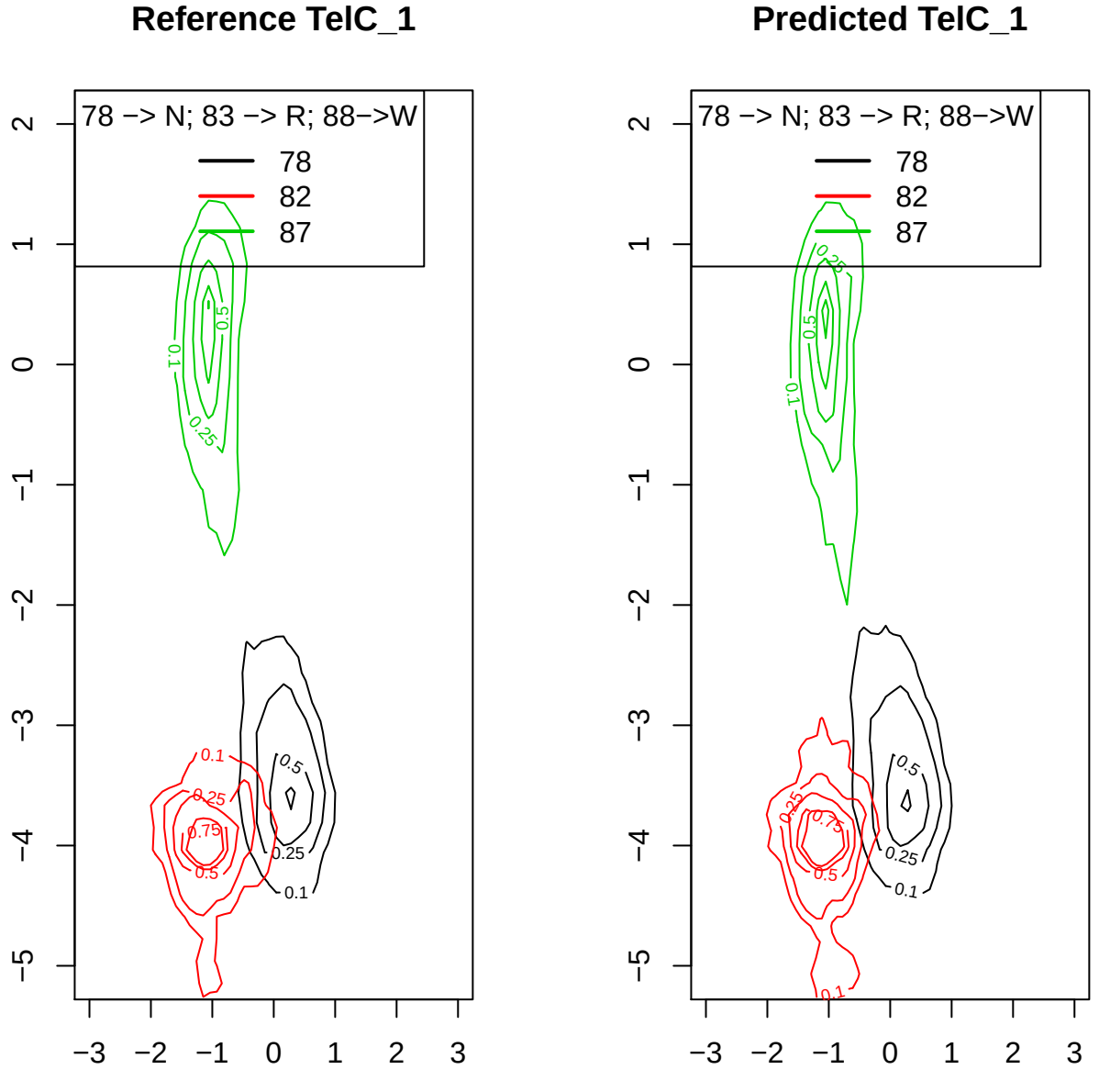

Reference GFP_D
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
0.75
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

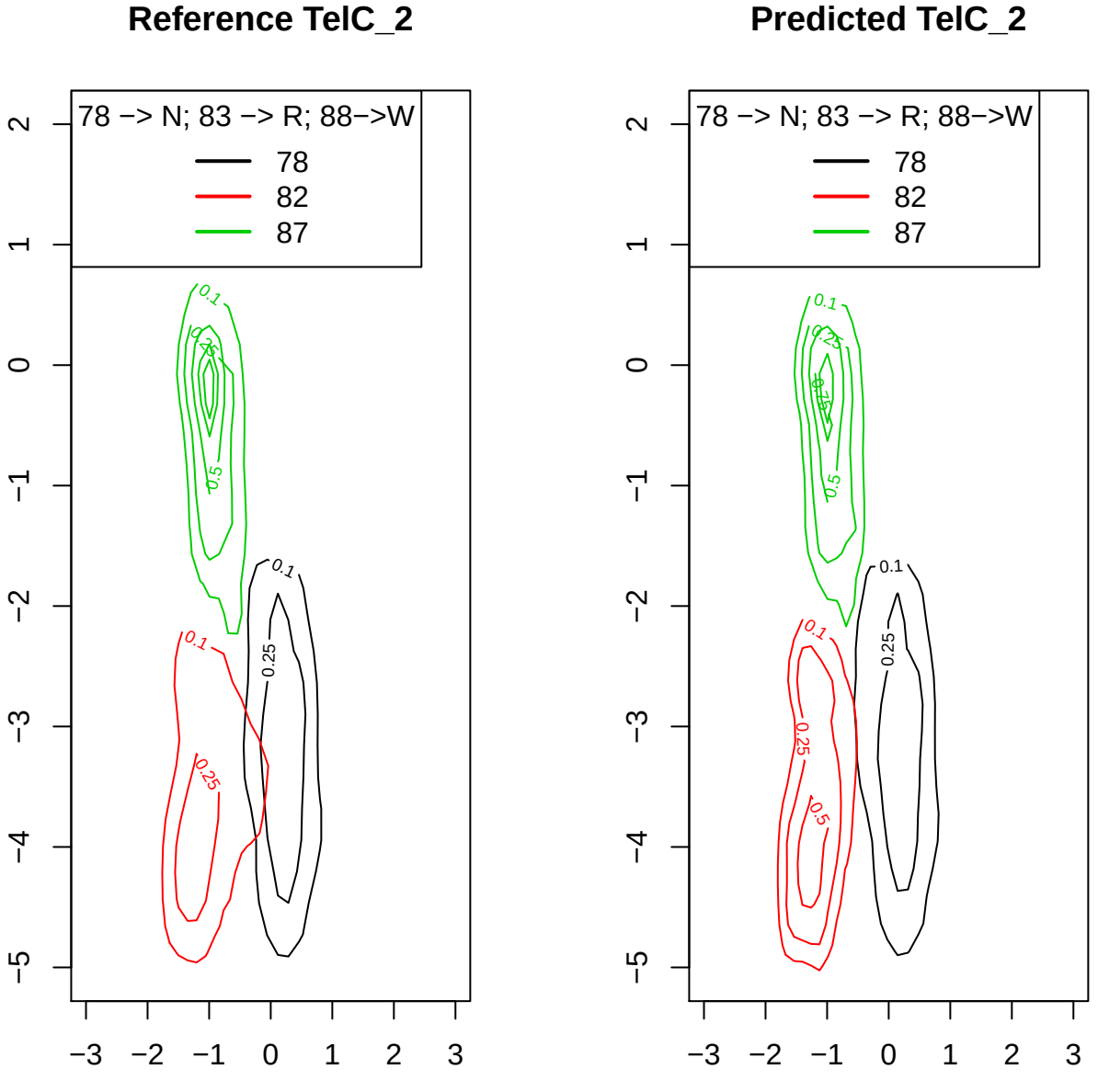

Predicted GFP_D
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
0.75
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

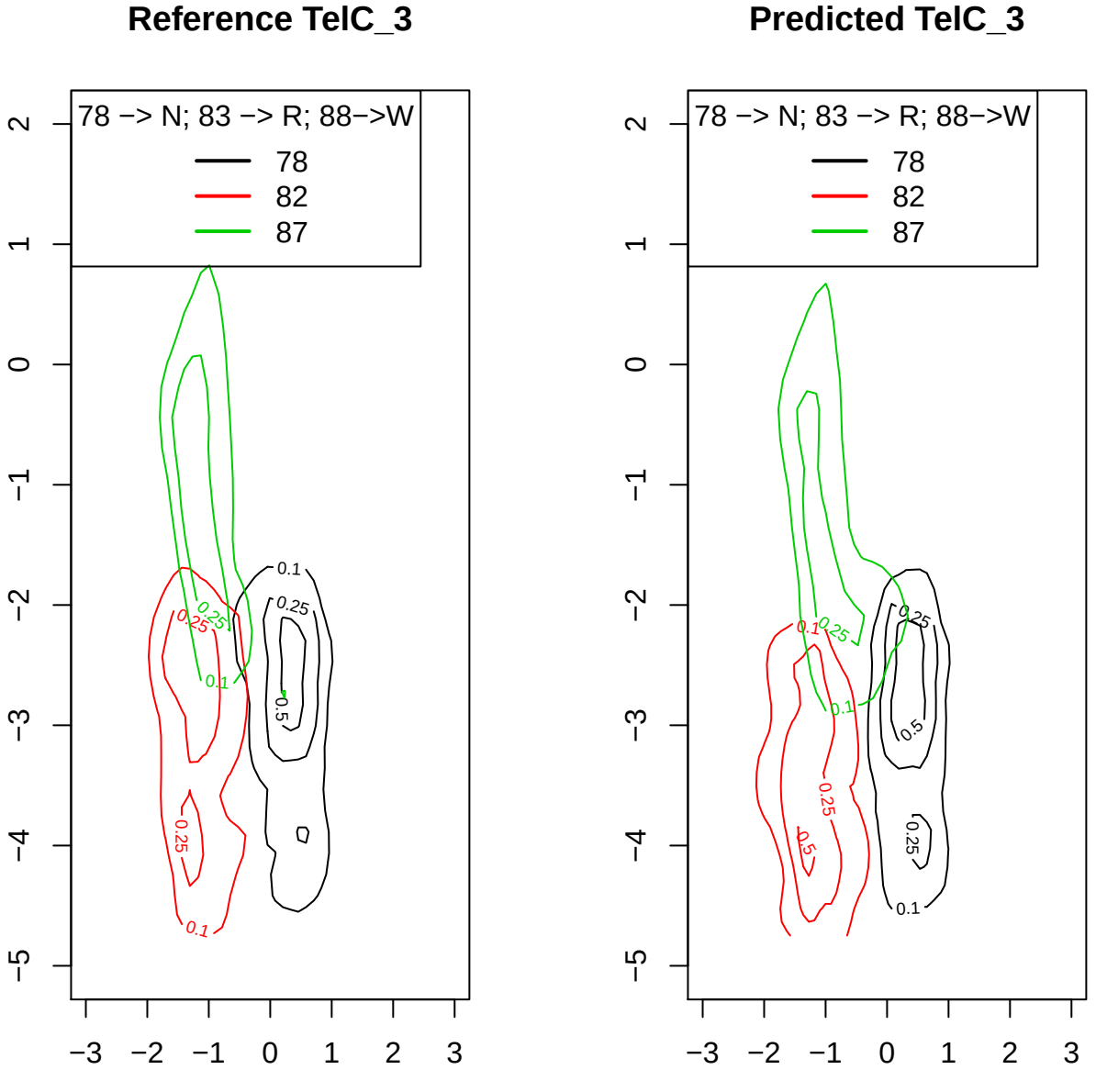

Reference GFP_F
Predicted GFP_F
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
0.75
−5
−4
−3
−2
−1
0
1
2
−3
−2
−1
0
1
2
3

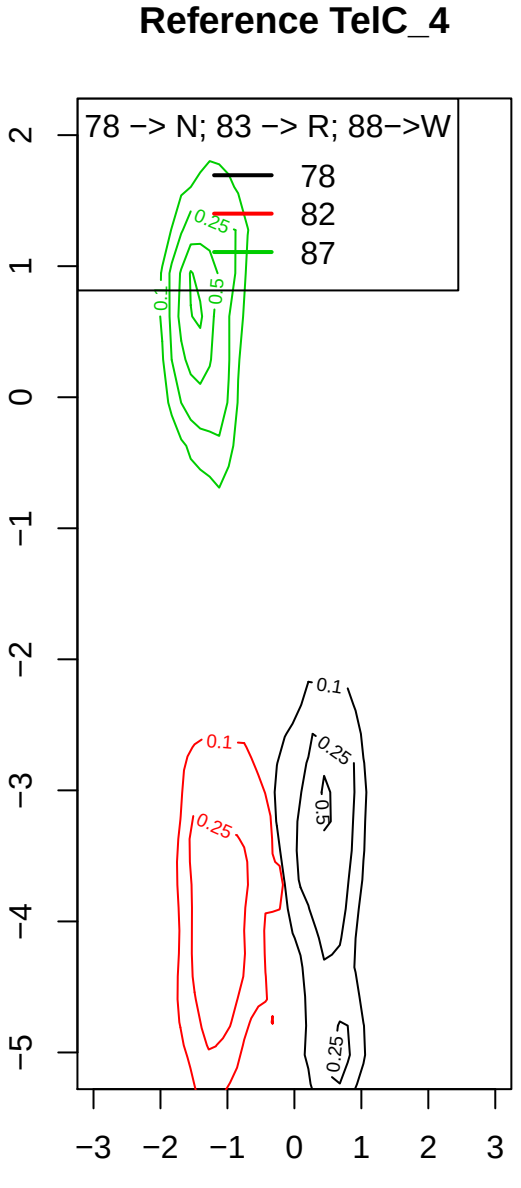

Reference GFP_sleep
78 −> N; 83 −> R; 88−>W
78
82
87
0.5
0.25
0.1
0.1
0.25
0.5
0.5
0.25
0.1
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

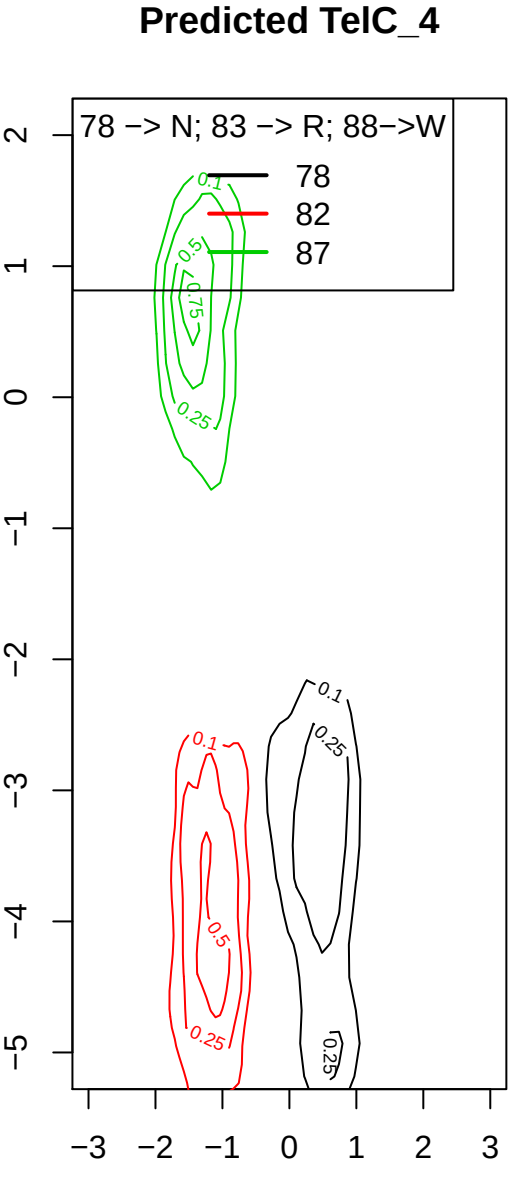

Predicted GFP_sleep
78 −> N; 83 −> R; 88−>W
78
82
87
0.5
0.25
0.1
0.1
0.25
0.75
0.5
0.5
0.25
0.1
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

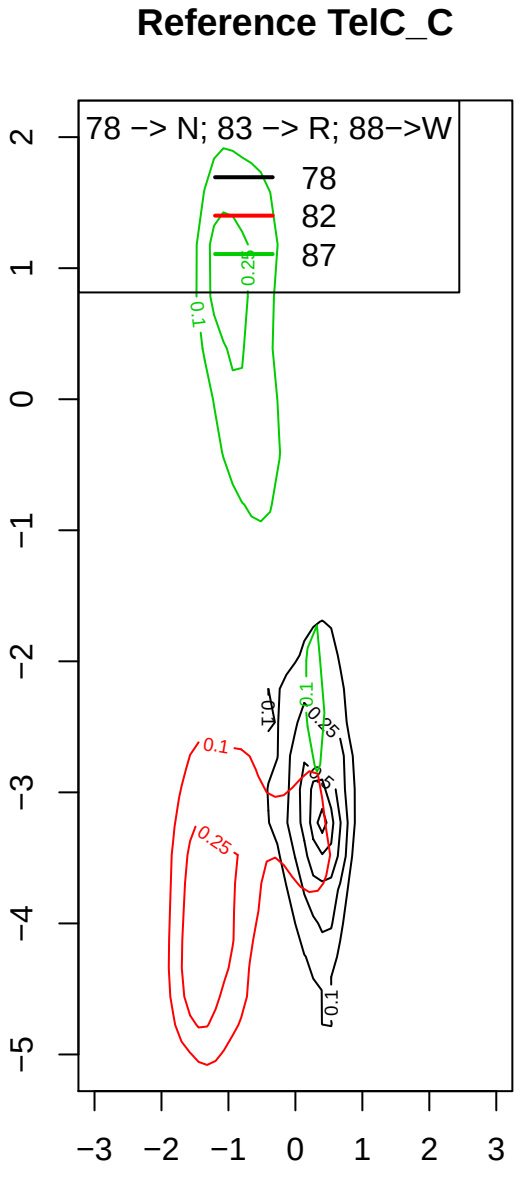

Reference TelC_1
Predicted TelC_1
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
0.75
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3

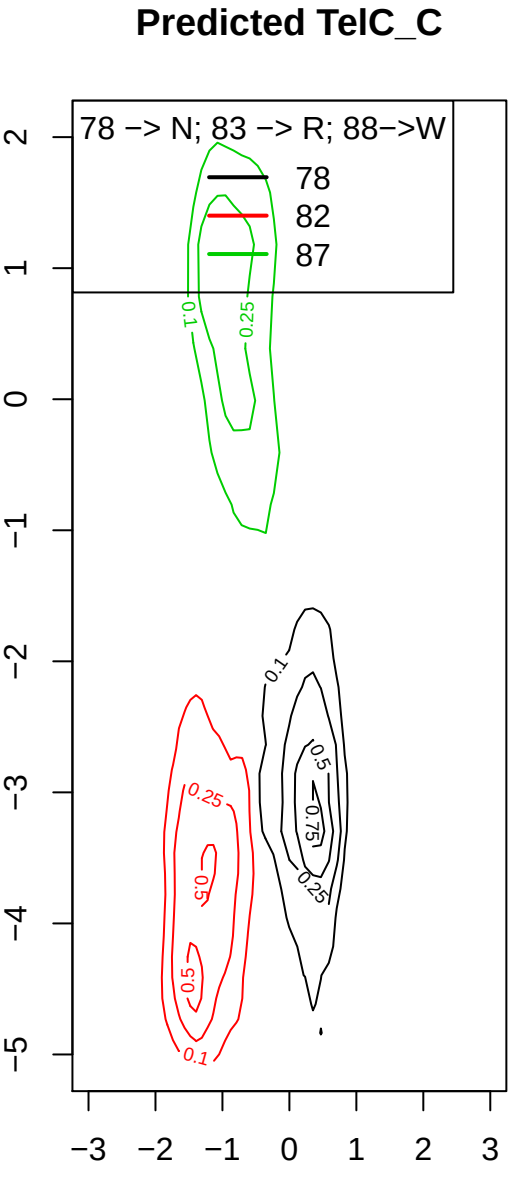

Reference TelC_2
Predicted TelC_2
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
−3
−2
−1
0
1
2
3
−5
−4
−3
−2
−1
0
1
2


Reference TelC_3
Predicted TelC_3
78 −> N; 83 −> R; 88−>W
78
82
87
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3
0.1
0.25
0.5


Reference TelC_4
78 -> N; 83 -> R; 88->W
78
82
87
0.1
0.25
0.5
0.75
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3


Predicted TelC_4
78 -> N; 83 -> R; 88->W
78
82
87
0.1
0.25
0.5
0.75
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3


Reference TelC_C
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
0.75
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3


Predicted TelC_C
78 −> N; 83 −> R; 88−>W
78
82
87
0.1
0.25
0.5
0.75
2
1
0
−1
−2
−3
−4
−5
−3
−2
−1
0
1
2
3