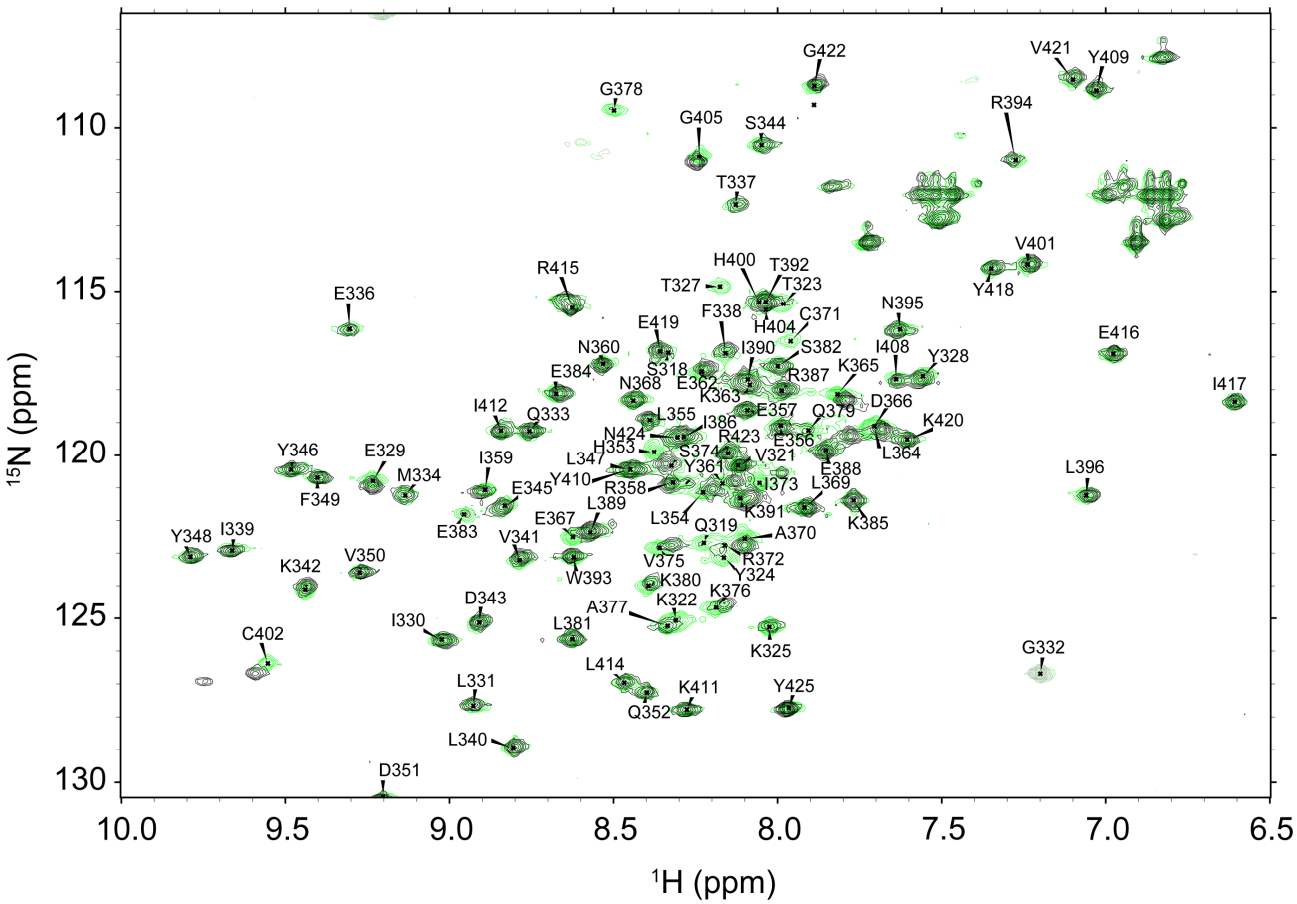
G422
V421
Y409
G378
R394
G405
S344
T337
V401
R415
H400
T392
T327
T323
Y418
E336
F338
C371
N395
E419
H404
E416
N360
I390
S382
I408
Y328
E384
S318
R387
K365
N368
E362
K363
I417
I412
Q333
L355
E357
Q379
D366
I386
K420
N424
R423
E356
H353
S374
V321
L364
Y346
E329
L347
Y361
E388
L396
M334
I359
Y410
I373
L369
F349
E345
R358
L389
K391
E367
K385
E383
L354
Q319
A370
Y348
I339
V341
V375
R372
K342
V350
W393
K380
Y324
K376
D343
A377
K322
I330
L381
K325
C402
G332
L414
L331
K411
Y425
Q352
L340
D351
110
115
120
125
130
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
15N (ppm)
1H (ppm)