Supplement

Chronic kidney disease may evoke anxiety by altering CRH expression in the amygdala and tryptophan metabolism in rats

Pflügers Archiv - European Journal of Physiology

Katalin Eszter Ibos[a*], Éva Bodnár[a], Hoa Dinh[b], Merse Kiss[c], Fanni Márványkövi[c], Zsuzsanna Z. A. Kovács[c], Andrea Siska[d], Imre Földesi[d], Zsolt Galla[e], Péter Monostori[e], István Szatmári[f], Péter Simon[f], Márta Sárközy[c#], Krisztina Csabafi[a#]

[a] Department of Pathophysiology, Albert Szent-Györgyi Medical School, University of Szeged, 1 Semmelweis utca, H-6725 Szeged, Hungary
[b]Department of Biochemistry, Bach Mai Hospital, 78 Giai Phong Street, Phuong Mai, Dong Da, Hanoi, 100000, Vietnam
[c] Department of Biochemistry and Interdisciplinary Centre of Excellence, Albert Szent-Györgyi Medical School, 9 Dóm tér, University of Szeged, H-6720 Szeged, Hungary
[d] Department of Laboratory Medicine, Albert Szent-Györgyi Medical School, University of Szeged, 6 Semmelweis utca, H-6725 Szeged, Hungary
[e] Metabolic and Newborn Screening Laboratory, Department of Pediatrics, Albert Szent-Györgyi Medical School, University of Szeged, 35-36 Temesvári körút, H-6726 Szeged, Hungary
[f] Institute of Pharmaceutical Chemistry and Stereochemistry Research Group, Eötvös Loránd Research Network, University of Szeged, 9 Zrínyi utca, H-6720 Szeged, Hungary.
*Correspondence: ibos.katalin.eszter@med.u-szeged.hu

Contents:

- S1: ^{1}H-NMR spectrum of p-cresyl-sulphate
- S2: Western blot; uncropped, duplicate gels of CRH
- S3: Western blot; uncropped, duplicate gels of CRHR1
- S4: Western blot; uncropped, duplicate gels of CRHR2

Figure S1

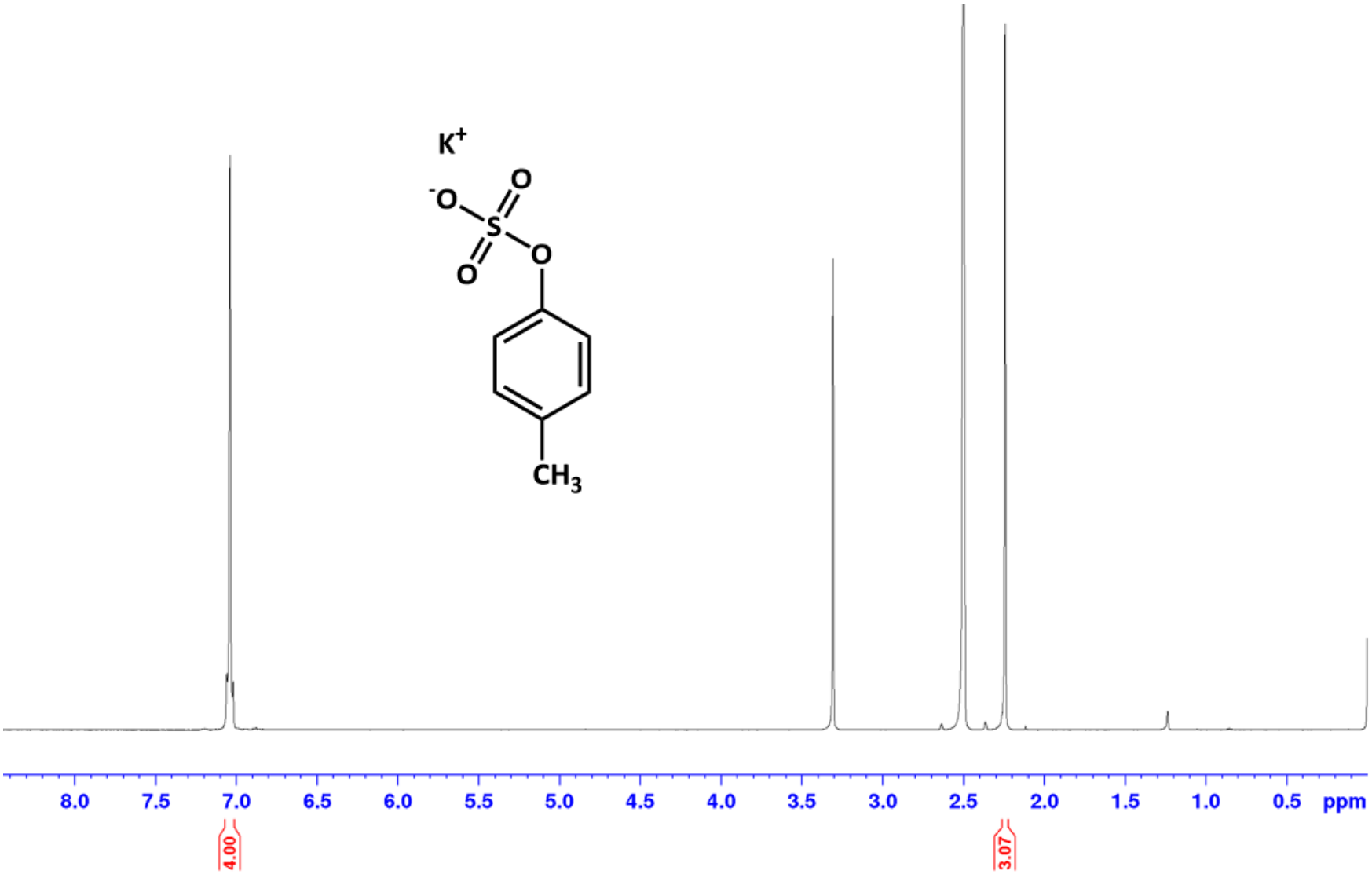

K+
-O
O
S
O
O
CH3
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
ppm
4.00
3.07

Figure S2

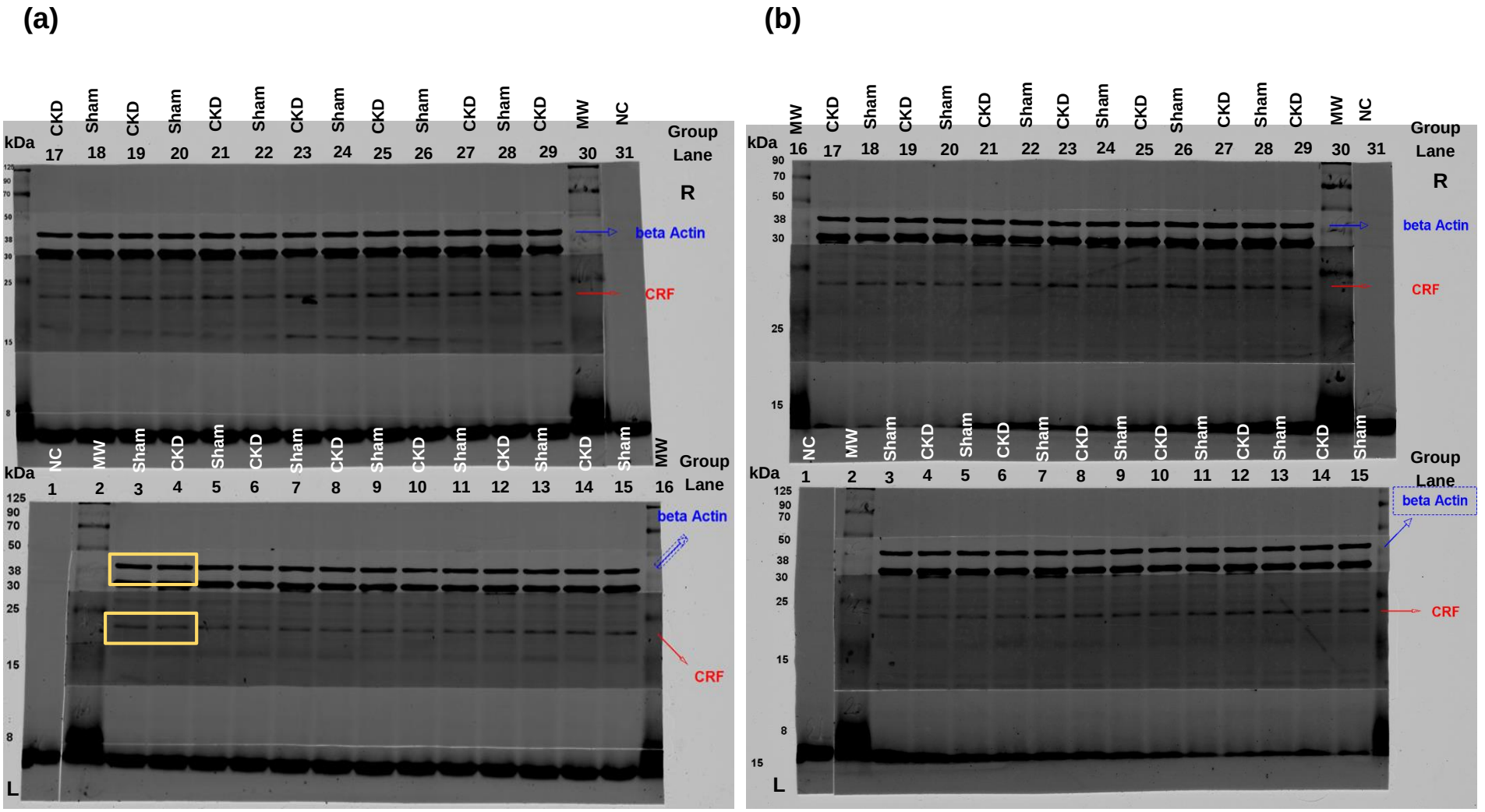


Figure S3

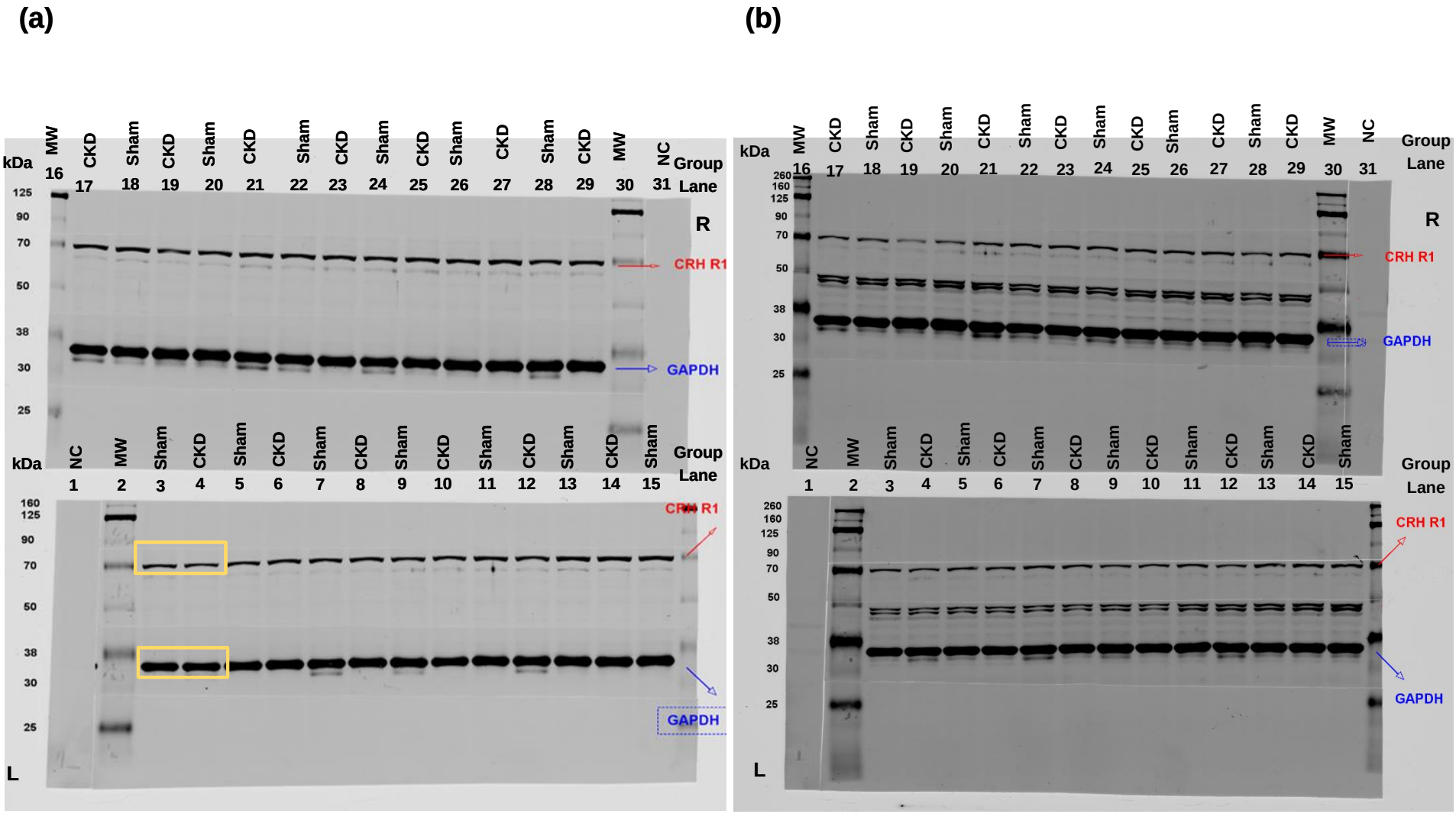
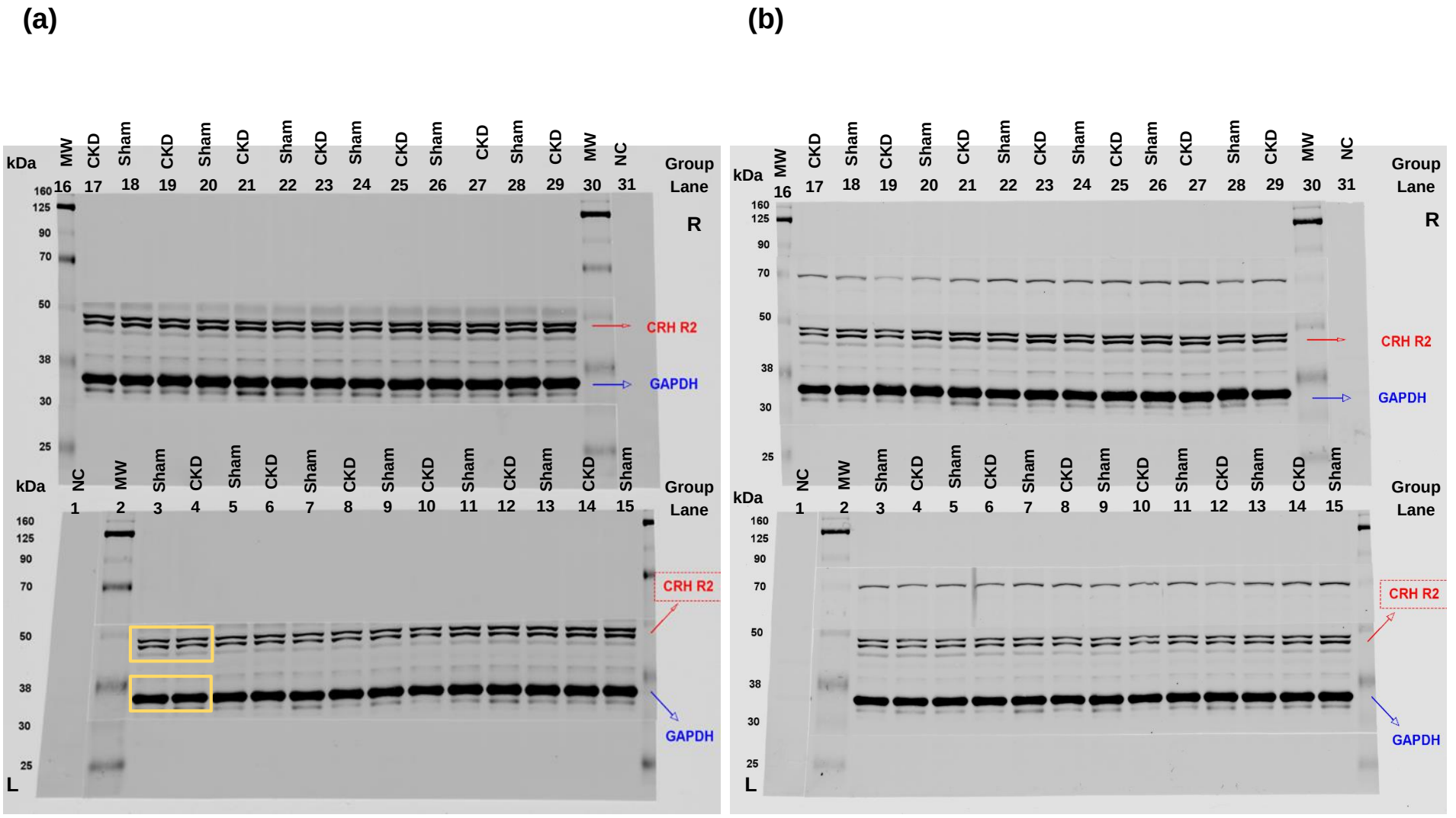

(a)
(b)
kDa
MW
NC
Group
Lane
CKD
Sham
R
L
CRH R1
GAPDH
125
90
70
50
38
30
25
160
260

Figure S4


(a)
(b)
kDa
MW
CKD
Sham
NC
Group
Lane
R
L
CRH R2
GAPDH
160
125
90
70
50
38
30
25