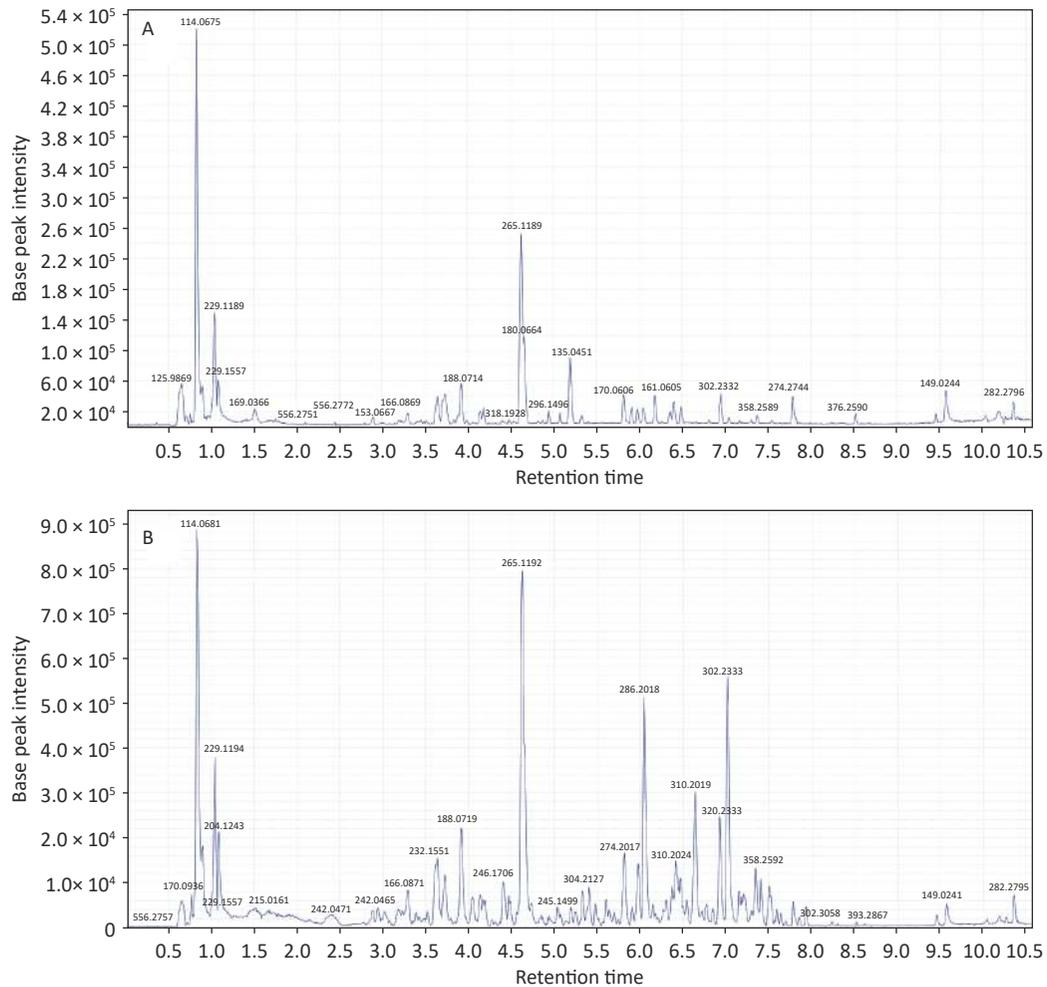
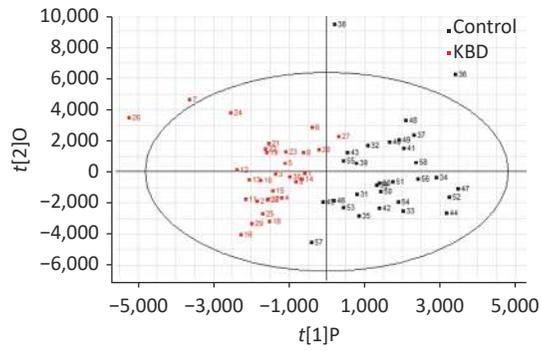


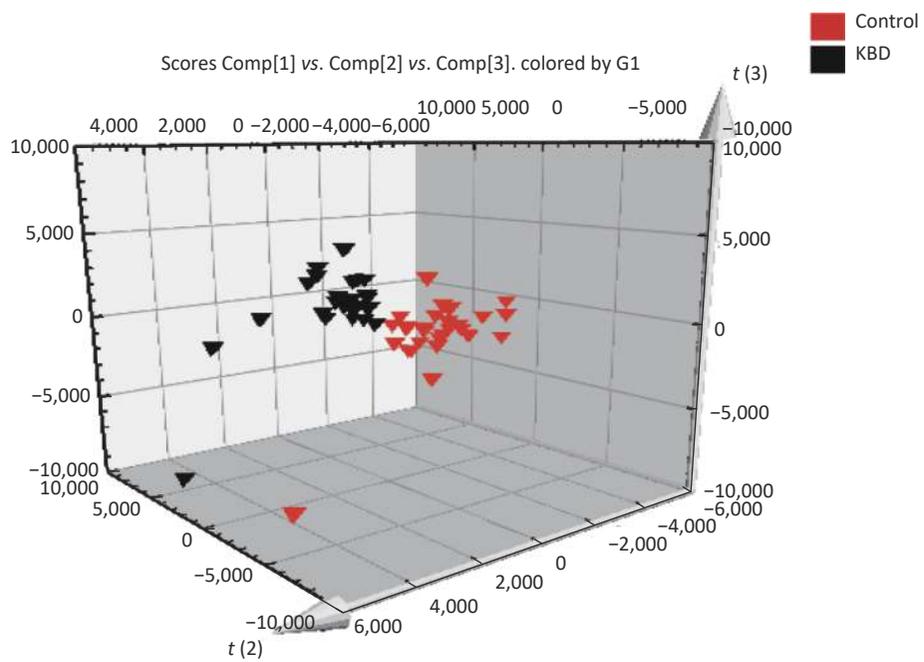
**Supplementary Table S1.** General conditions of the female KBD patients and controls

Group	Number	Age mean (years)	Heights (cm)	Weights (kg)	BMI
KBD patients	30	47.57 ± 9.97	157.45 ± 6.04	57.14 ± 7.24	23.07 ± 3.16
Controls	30	47.27 ± 13.06	158.76 ± 7.15	58.26 ± 8.64	23.08 ± 3.07
<i>t</i>		0.099	0.754	0.541	0.007
<i>P</i>		0.921	0.454	0.592	0.994

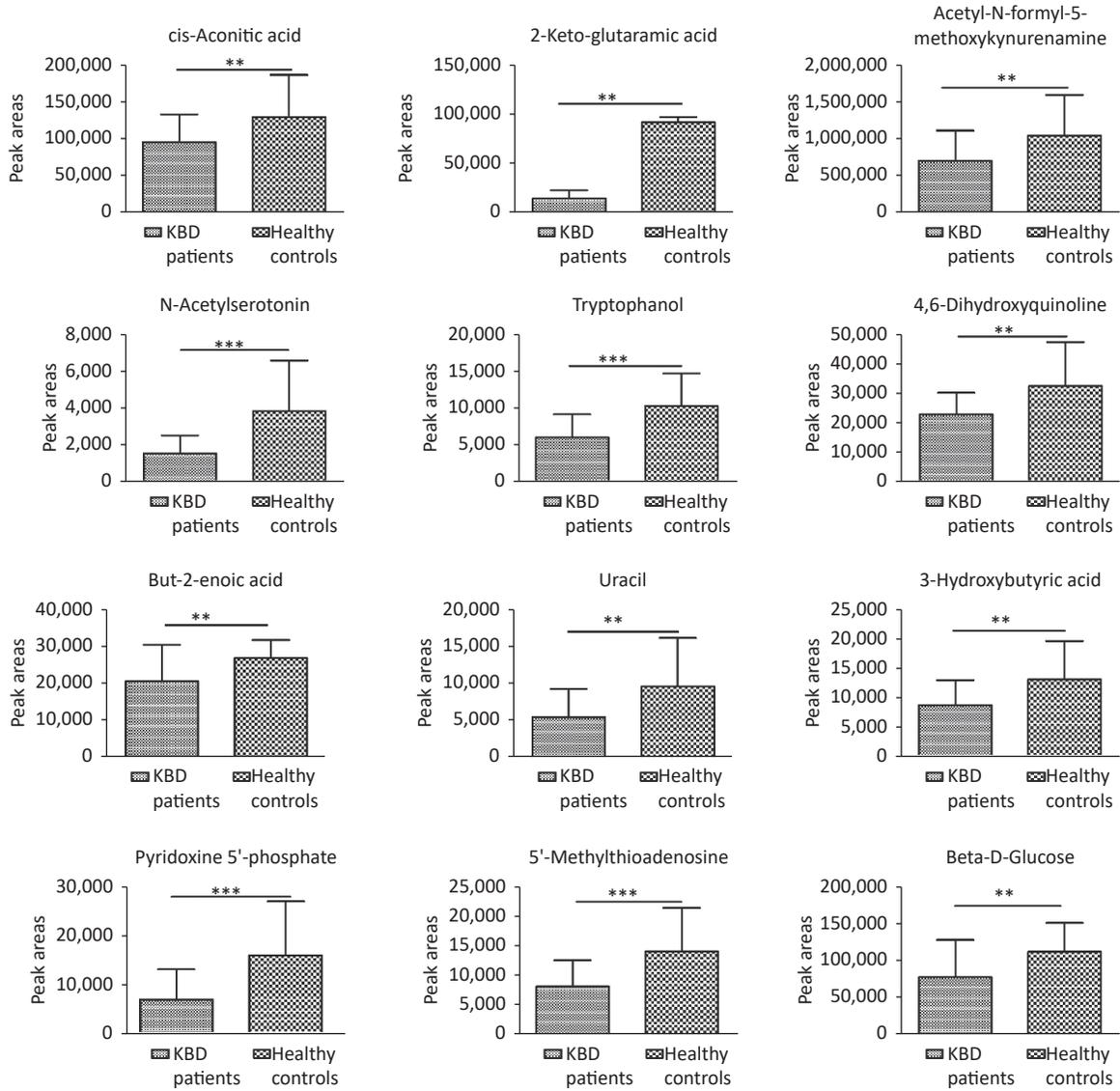




Supplementary Figure S2. PCA score plot of urinary metabolites.



Supplementary Figure S3. PLS-DA score plot of urinary metabolites.



**Supplementary Figure S4.** Comparison of 12 different metabolites in the urine sample of the two groups. \*\*  $P < 0.01$ ; \*\*\*  $P < 0.001$ .