

Supplementary Table 1. VIP values of serum OPLS-DA score plot between control and IgAN groups

Metabolite	Var ID (Primary, ppm)	VIP value
Glucose	3.430/5.240	2.497
Hypoxanthine	8.185/8.203	2.256
Lactate	1.324/4.114	2.231
Glutamate	2.344	2.008
Glutamine	2.452	1.826
Acetate	1.921	1.758
Glycine	3.559	1.634
N,N-Dimethylglycine	2.926	1.541
Pyruvate	2.374	1.521
Valine	0.991/1.042	1.488
Creatinine	3.043/4.057	1.455
Phenylalanine	7.426	1.410
Leucine	0.967	1.384
Serine	3.976	1.367
3-Hydroxybutyrate	1.204/2.404	1.365
Acetone	2.281	1.303
Isoleucine	1.009	1.274
Citrate	2.548/2.665	1.249
Glycerol	3.577	1.236
3-Hydroxyisobutyrate	1.066/1.078	1.165
Lysine	3.016	1.149
Tyrosine	7.189	1.146
Proline	2.002	1.105
Threonine	4.267	1.098
Formate	8.461	1.003

OPLS-DA, orthogonal partial least squares discriminant analysis; IgAN, immunoglobulin A nephropathy; VIP, variable importance in projection.