**Table S3: Association of plasma CX3CL1 with HOMA-IR**

| Model (Total n=3425) | All Participants (95% CI)[*] | P value |
|---|---|---|
| Model 1 | 0.01 (-0.02, 0.04) | 0.4 |
| Model 2 | 0.01 (-0.02, 0.03) | 0.6 |
| Model 3 | -0.004 (-0.03, 0.02) | 0.8 |
| Model 4 | -0.03 (-0.06, 0.00004) | 0.05 |

[*] for one standard deviation increase in a plasma CX3CL1

Model 1: CX3CL1 + Demographic factors (age, sex, race)

Model 2: CX3CL1 + Demographic factors + body mass index (BMI)

Model 3: CX3CL1 + Demographic factors + BMI + plasma inflammatory biomarkers (log transformed

IL6, TNFα and hsCRP)

Model 4: CX3CL1 + Demographic factors + BMI + plasma inflammatory biomarkers + kidney function measures

(CRIC-defined estimated glomerular filtration rate15 and log transformed urinary albumin: creatinine ratio