

Supplemental Table 1. Adjusted* difference (95% confidence interval) in metabolic parameters by quintiles of percent plant protein intake among those not on phosphate binders, active vitamin D sterols or alkali supplements (n=2608)

	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5	Continuous per 10% increase in % plant protein	p-value [‡]
Serum phosphate (mg/dL)	Ref	0.058 (-0.014, 0.131)	0.042 (-0.033, 0.117)	0.037 (-0.040, 0.113)	0.029 (-0.053, 0.111)	0.003 (-0.019, 0.026)	0.77
Log FGF23 (RU/mL)	Ref	0.012 (-0.069, 0.092)	-0.010 (-0.093, 0.073)	-0.012 (-0.097, 0.074)	-0.053 (-0.144, 0.038)	-0.023 (-0.048, 0.002)	0.07
24 urinary phosphate (mg)	Ref	3.41 (-30.81, 37.62)	-8.90 (-44.09, 26.29)	3.57 (-32.55, 39.69)	-12.73 (-51.26, 25.80)	-4.47 (-15.04, 6.10)	0.41
Log iPTH (pg/mL)	Ref	-0.009 (-0.083, 0.064)	-0.044 (-0.120, 0.032)	-0.009 (-0.087, 0.069)	-0.018 (-0.101, 0.065)	0.001 (-0.022, 0.024)	0.94
Serum bicarbonate (mEq/L)	Ref	0.157 (-0.216, 0.530)	0.190 (-0.193, 0.573)	0.280 (-0.113, 0.673)	0.443 [†] (0.023, 0.863)	0.157 (0.042, 0.273)	0.01

* all models adjusted for age, sex, race, diabetes, body mass index, eGFR, income, smoking, total energy, total protein, 24 hour urinary sodium, use of ACE inhibitors/ARBs, use of diuretics