Supplementary Table 1. Patient signalment, pathology findings, and laboratory data for Miniature Schnauzers with glomerular disease that underwent renal biopsy.

Lipid Lesion	Sex	Age, yrs	Full Diagnosis	Additional Electron Microscopy Findings	ICGN	UPC	Albumin, g/dL	Creatinine, mg/dL	SBP, mmHg	Cholesterol, mg/dL	TG, mg/dL
Glomerular Lipid Emboli	FS	8.8	glomerular lipid emboli and FSGS	lipid in capillary wall and mesangium	NO	18.0	2.8	0.9	NA	NA	NA
	FS	6.6	glomerular lipid emboli and FSGS	lipid in cells and in capillary loops	NO	11.4	2.7	0.6	128	390	520
	FS	6.3	glomerular lipid emboli and FSGS	lipid in mesangium, capillary walls and in capillary loops	NO	9.3	2.8	0.8	130	559	380
	MC	10.0	glomerular lipid emboli and FSGS	lipid in cells and in capillary loops	NO	6.0	3.2	0.8	133	NA	744
	MI	12.8	glomerular lipid emboli and synechiae	lipid in mesangium, capillary walls and in capillary loops	NO	4.6	3.3	0.6	146	731	2481
	MC	8.1	glomerular lipid emboli and FSGS	lipid emboli	NO	3.0	3	NA	140	281	624
	FS	12.4	arterionephrosclerosis and glomerular lipid emboli	lipid in mesangium, capillary walls and in capillary loops	NO	1.8	3.6	2.9	145	278	461
Glomerular Lipidosis	MC	1.7	glomerular lipidosis and fetal glomeruli	lipid in mesangium	NO	5.3	3.8	1.1	194	NA	NA
Other Lipid Deposits	FS	6.0	glomerulopathy	lipid in capillary wall and mesangium	NO	12.6	3.8	0.6	120	332	NA
	FS	12.5	FSGS, GCA	GBM opathy and lipid in mesangium	NO	9.3	3.7	1	155	NA	NA
	MI	0.3	nephrosclerosis	lipid in mesangium and dense deposits segmentally in the capillary wall	NO	8.5	1.9	2	180	NA	NA
	FS	8.7	FSGS, GCA	lipid in capillary wall and mesangium	NO	7.7	3.9	2.1	130	NA	NA
	FS	6.3	FSGS	scattered deposits in capillary walls and	YES	6.2	3.3	0.8	138	445	NA

				lipid in podocytes							
	MC	7.8	GS	lipid in mesangium	NO	5.7	3.3	1	145	NA	NA
	FS	7.3	MPGN	lipid in mesangium and dense deposits in mesangium	NO	5.6	2.5	3	140	NA	NA
	MI	11.7	FSGS	lipid in mesangium	NO	4.5	3.3	1	182	278	NA
	MC	6.6	GS	lipid in capillary walls	NO	4.3	3.1	1.9	NA	386	NA
	MI	0.5	FSGS, GCA	lipid in mesangium	NO	2.9	3	2.7	200	NA	NA
	MC	5.6	FSGS	lipid in capillary wall and mesangium	NO	0.7	3.4	2.2	180	NA	NA
	FS	8.1	FSGS, arteriolar hyalinosis	GBM opathy and lipid in mesangium	NO	NA	NA	NA	NA	NA	NA
No Lipid Deposits	MC	7.0	MGN (but subendo deposits)	small subendo deposits	YES	18.5	3.9	1.6	156	NA	NA
	MC	2.9	MGN	subepi deposits	YES	15.6	1.3	0.8	164	383	115
	MC	7.0	mesangioprolif GN	deposits in the mesangium and subendothelial zones	YES	10.9	2	1.2	158	NA	NA
	MC	6.6	GS	thick GBM, GBM wrinkling	NO	7.8	2.9	1.2	160	NA	NA
	FS	5.4	MGN	subepi and subendo deposits	YES	4.5	2.5	0.8	100	NA	NA
	FS	8.9	ICGN	subepi deposits	YES	1.9	3	0.6	NA	NA	NA
	FI	0.8	GCA, fetal glomeruli	wrinkled GBM	NO	1.8	NA	1.1	150	NA	NA

FS = female spayed
FI = female intact
MC = male castrated
MI = male intact
FSGS = focal segmental glomerulosclerosis
GBM opathy = Abnormal glomerular basement membranes
GCA = Glomerulcystic atrophy
MPGN = membranoproliferative glomerulonephritis
MGN = membranous glomerulonephropathy
ICGN = immune complex glomerulonephropathy
GBM = glomerular basement membrane
UPC = urine protein-to-creatinine ratio

SBP = systolic blood pressure
TG = fasting serum triglyceride concentration
NA = not available (either not performed or not reported)