



Supplementary Figure S1: Renal disease heterogeneity in aged B6.Sle1.2.3 mice. **A.** Urine albumin/creatinine ratio (mg/g) in four 3 month old (Young) vs. thirteen 9-11 month old B6.Sle1.2.3 mice (Old). **B.** Urine albumin/creatinine ratio (mg/g) in 9-11 month old B6.Sle1.2.3 mice, selected based on proteinuria measured by dipstick: six mice with no to low proteinuria (value 0-1) and seven mice with high proteinuria (value ≥ 2). **C-G.** Histopathological evaluation (activity and chronicity) of renal injury (median scores from three blinded scorers, total scale: 0-12), semi-quantitative evaluation of glomerular IgG deposits in frozen OCT kidney sections (mean of scores from three blinded scorers, 30 glomeruli per mouse), total IgG ($\mu\text{g/mL}$) and anti-double stranded DNA (dsDNA) antibody (U/mL) in plasma, in 9-11 month old B6.Sle1.2.3 mice, selected based on proteinuria measured by dipstick: six mice with no to low proteinuria (value 0-1) and seven mice with high proteinuria (value ≥ 2). Horizontal bars: medians. p -values: Mann-Whitney test.