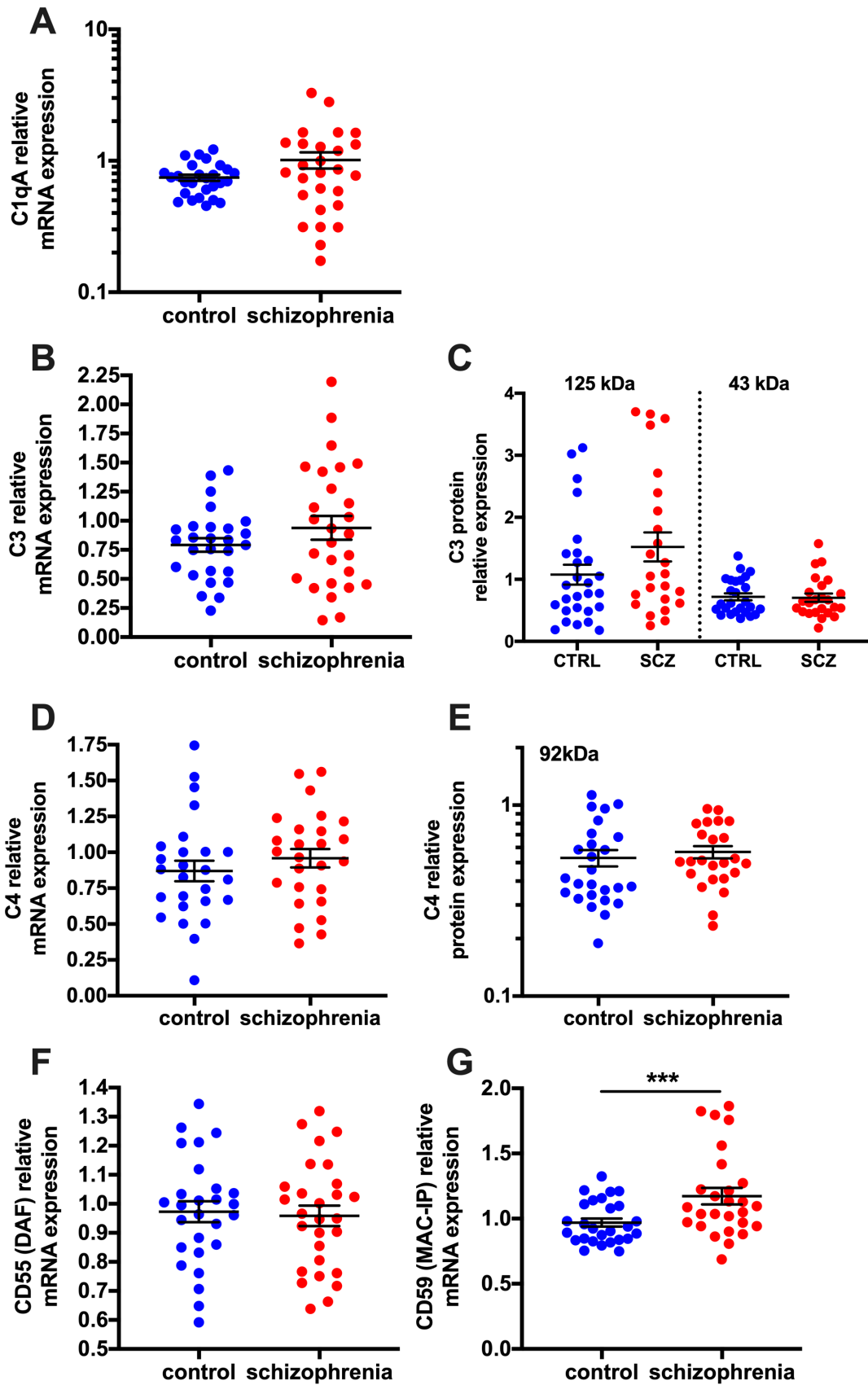


Supplementary Figure 2



Supplementary Figure 2. Complement pathway-related transcripts and protein in the midbrain in schizophrenia cases and controls.

(A) Gene expression of the complement cascade initiator molecule, C1qA was not changed by diagnosis ($F = 0.49$, $df=51,1$, $p = 0.49$). (B) C3 mRNA ($F=1.71$, $df=51,1$, $p = 0.20$, covaried for age) and (C) C3 protein levels (125 kDa: $t = -1.57$, $df = 49$; 43 kDa: $t = -0.033$, $df = 47$, both $p > 0.05$) were unchanged by diagnosis. (D) C4 mRNA ($t = -0.93$, $df = 50$, $p = 0.36$) and (E) C4 protein levels ($t = -1.57$, $df = 49$, $p = 0.12$) were unchanged by diagnosis. (F) CD55 mRNA was unchanged by diagnosis ($t = 0.27$, $df = 53$, $p = 0.79$) and (G) CD59 was increased in schizophrenia cases compared to controls ($F = 10.89$, $df = 53,1$, $p = 0.002$). Data are mean \pm SEM, *** $p < 0.001$.