Supporting Information for

# Ethidium bromide binding to DNA cryogels

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**Supporting Data Fig. S1**

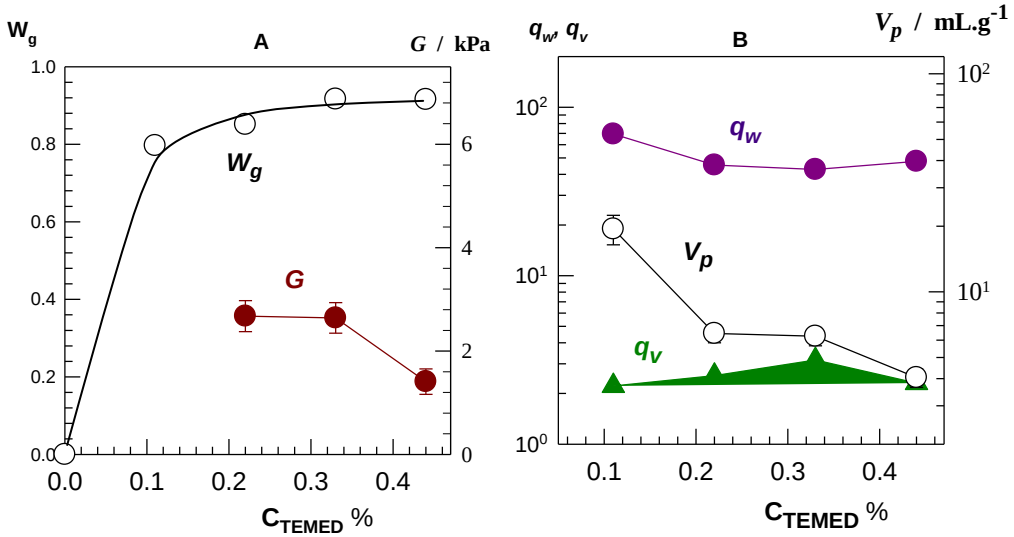


**Figure S1.** Gel fraction $W_g$, elastic modulus $G$, the equilibrium weight and volume swelling ratios, $q_w$ and $q_v$, respectively, and the pore volume $V_p$ of DNA cryogels shown as a function of $C_{TEMED}$ . Gelation temperature = -18$^{o}$C. Time = 3 d. $C_{DNA}$ = 5 %. $C_{BDDE}$ = 1.45 %.

**Supporting Data Fig. S2**

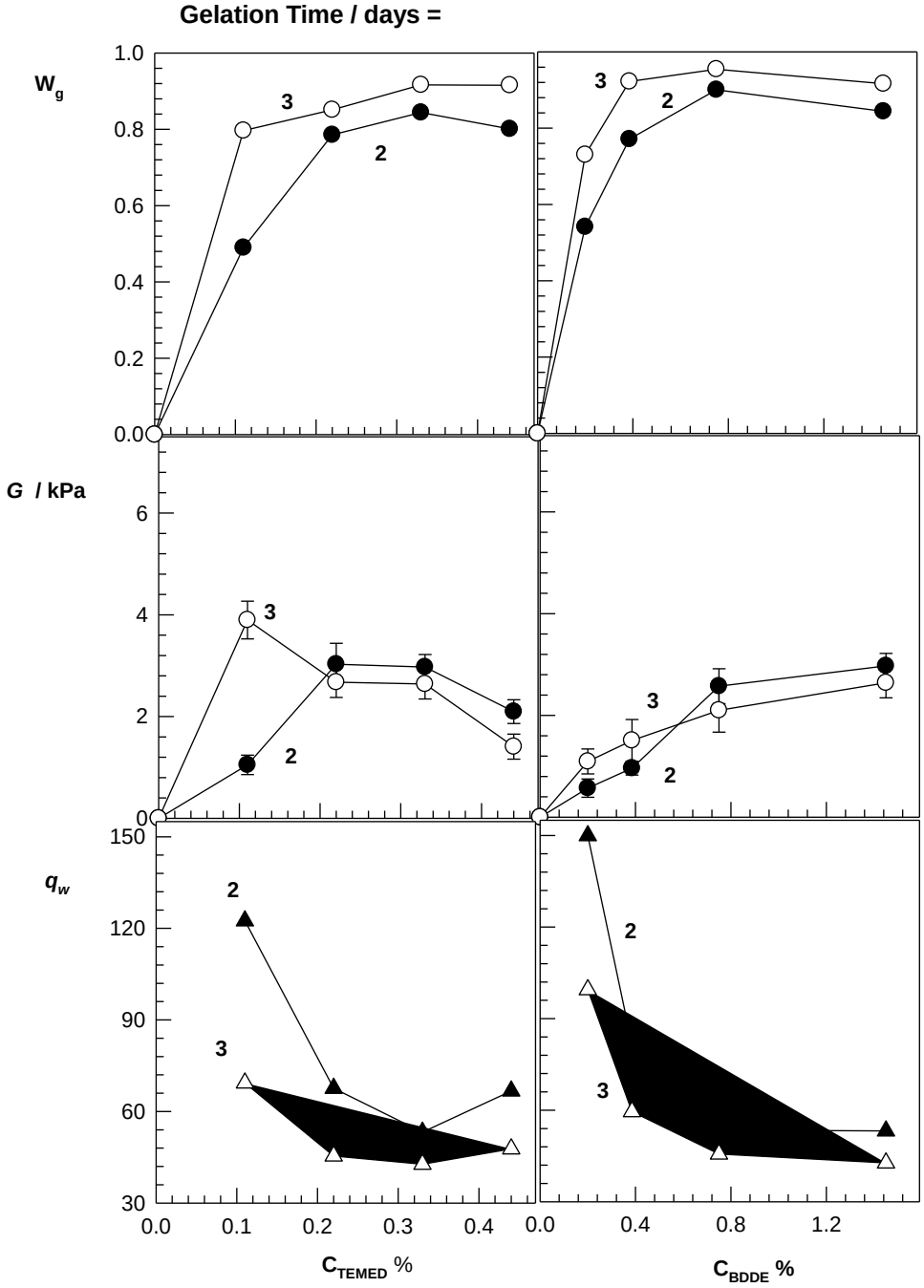


**Fig. S2.** Gel fraction $W_g$, elastic modulus $G$, and equilibrium weight swelling ratio $q_w$ of DNA cryogels shown as functions of $C_{TEMED}$ (at 1.45 % BDDE) and $C_{BDDE}$ (at 0.33 % TEMED). $C_{DNA}$ = 5 %. Gelation temperature = -18$^{o}$C. Cryogelation time = 2 (filled symbols) and 3 days (open symbols).