

792 **Supplementary Figures**

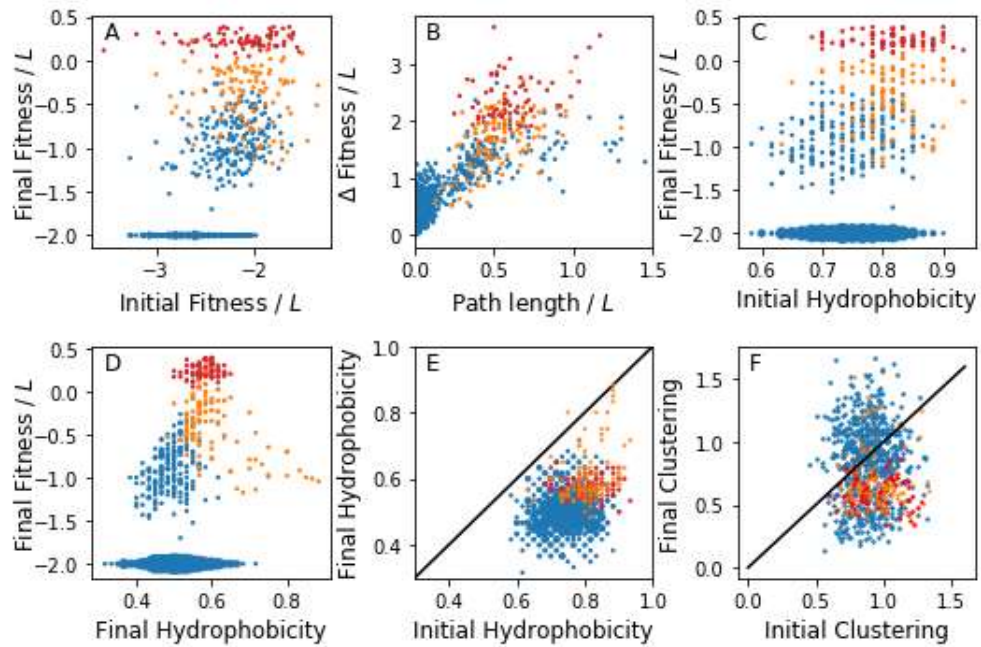


Figure S1: Adaptive origin-fixation evolution from randomly-generated initial sequences to a local peak on the fitness landscape  $\bar{F}(x)$ , identical to Fig. 2 except with  $\alpha = 2.0$ .

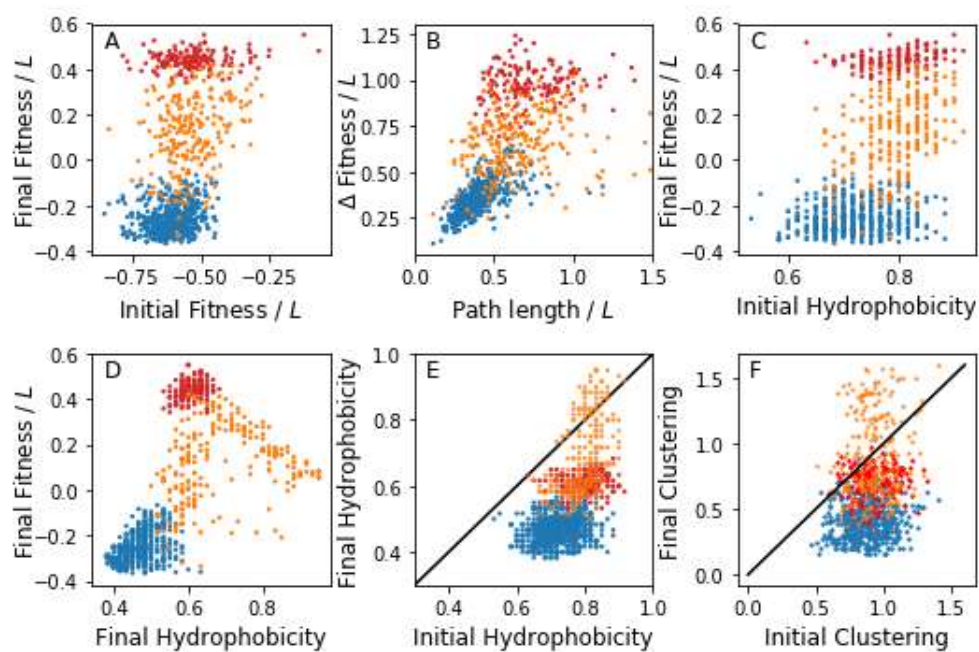


Figure S2: Adaptive origin-fixation evolution from randomly-generated initial sequences to a local peak on the fitness landscape  $\bar{F}(x)$ , identical to Fig. 2 except with  $\alpha = 0.5$ .