

Elasticity-mediated nematiclike bacterial organization in model extracellular DNA matrix

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$C_{D A} = (0.1, 2)$ / I. W. *P. aeruginosa* II. $C_{D A}$ I.

$\rho_D = 0.5, 1.$

P. aeruginosa IV. I. T. II. $\rho_D = 0.5, 1.$ [20], I.

IV. I. [21], I.

P. aeruginosa II. A. II.

fliC [22] (*fliC*), IV. I.

pilA (IA), IV. I.

I. I. IV. I. [20]. *P. aeruginosa* II. $R = (250, 400)$

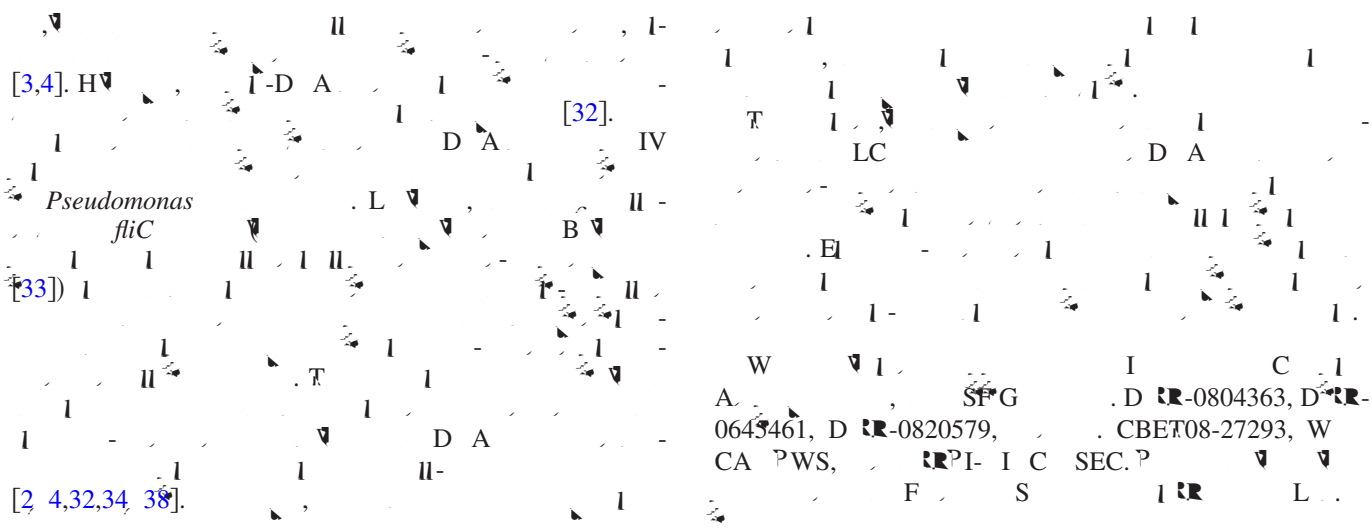
$L = (1.8, 3) \mu$ [2,23]. I.

$\rho_D = 0.01, 0.1.$ W. I. B.

$C_{D A} = (0.1, 2)$ / I. I. D A.

T. *P. aeruginosa* I.

D A I I $\hat{n}(F . 1). F$
 T D A , V I GFP I
 D A , V I I



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W ... I ... C ...
 A ... SFG ... D RR-0804363, D RR-
 0645461, D RR-0820579, ... CBET08-27293, W
 CA PWS, ... PI- I C SEC. P ...
 F ... S ... L ...