Supplementary Information for

“A web of streamers: biofilm formation in a porous microfluidic device”

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Fig. S1. Streamer formation for the mutant (ΔgacS mutant –WS) after 15 hour of experiment, (a) for row 25 (b) for row 7.
Fig. S2. Streamers can attach themselves to several posts.

Fig. S3. Streamer formation between the square shaped microposts.
Fig. S4. Velocity, pressure and shear rate at the $xy$ plane located in the middle of the device.

Regions of high shear, but streamers do not necessarily initiate in these regions