* Again, I selected several cases where bacteria were moving in groups. Within each group, I chose one bacterium and tracked it from frame 1 to frame 200. I refer to this as the “main track”.
* Then I tracked the other bacteria in the group, whenever they were in direct or indirect contact with the bacterium following the main track. This is a 400 frames video.
* I tracked two groups, one of which is what is called a “raft.” Rafts are described as groups formed by many bacteria that lead the advance of the twitching area and typically have an arrowhead shape. It is interesting to observe its dynamics and how the bacteria within a raft change over time.
* Below I list each group, specifying the main track and, for the other tracks, indicating the frames during which the bacteria are in contact with the bacterium of the main track

Video3\_Twitchingmotility\_PA01WT\_31-08-23

1. Main track: Track 717

Track 498: from frame 1 to frame 91

Track 727: from frame 1 to frame 122

Track 747: from frame 1 to frame 127

Track 748: from frame 223 to frame 235 and from frame 268 to frame 346

There is a collision at frame 306: colliding bacteria: Track 749 (and two others that I did not track)

1. This is the raft, Main track: Track 763

There is a collision in frames 66 to 69, colliding bacteria: Track 754

Track 729: from frame 73 to 85

Track 730: from frame 89 to 95

Track 755: from frame 96 to 155

Track 734: from frame 157 to 166

Track 735: from frame 167 to 218

Track 739: from frame 262 to 269

Track 740: from frame 275 to 298

Track 742: from frame 305 to 337

Track 743: from frame 338 to 353

Track 744: from frame 353 to 375

Track 745: from frame 376 to 400

Track 746: from frame 96 to 117

Track 268: from frame 264 to 269

Track 758: from frame 96 to 106

Track 760: from frame 118 to 157

Track 761: from frame 118 to 157

Track 766: from frame 119 to 175

Track 768: from frame 264 to 269

Track 770: from frame 173 to 196

Track 772: from frame 183 to 207

Track 773: from frame 180 to 207

Track 774: from frame 281 to 296

Track 775: from frame 363 to 400

Track 776: from frame 370 to 400

Track 784: from frame 368 to 400