

Supplementary Data 5: Effect of sodium chloride supplementation in different concentration over biofilm formation by proposed method

| Serial number | OD at 500 mM NaCl concentration | OD at 750 mM NaCl concentration | OD at 1000 mM NaCl concentration | OD without supplementation |
|----------------------|--|--|---|-----------------------------------|
| 1 | 0.363 | 0.387 | 0.419 | 0.253 |
| 2 | 0.384 | 0.397 | 0.421 | 0.298 |
| 3 | 0.852 | 0.871 | 0.892 | 0.827 |
| 4 | 0.621 | 0.653 | 0.676 | 0.594 |
| 5 | 0.597 | 0.602 | 0.614 | 0.595 |
| 6 | 2.107 | 2.162 | 2.193 | 2.006 |
| 7 | 0.443 | 0.467 | 0.498 | 0.269 |
| 8 | 0.391 | 0.422 | 0.443 | 0.376 |
| 9 | 0.615 | 0.639 | 0.653 | 0.606 |
| 10 | 0.373 | 0.382 | 0.406 | 0.36 |
| 11 | 0.457 | 0.492 | 0.509 | 0.445 |
| 12 | 0.588 | 0.595 | 0.593 | 0.579 |
| 13 | 1.767 | 1.793 | 1.816 | 1.715 |
| 14 | 1.69 | 1.715 | 1.742 | 1.667 |
| 15 | 1.419 | 1.543 | 1.578 | 1.404 |
| 16 | 1.635 | 1.657 | 1.691 | 1.631 |
| 17 | 0.734 | 0.829 | 0.883 | 0.697 |
| 18 | 1.171 | 1.235 | 1.327 | 1.13 |
| 19 | 1.361 | 1.37 | 1.377 | 1.351 |
| 20 | 1.621 | 1.644 | 1.72 | 1.606 |
| 21 | 1.068 | 1.099 | 1.114 | 1.024 |
| 22 | 1.647 | 1.704 | 1.769 | 1.462 |
| 23 | 0.846 | 0.872 | 0.891 | 0.827 |
| 24 | 0.627 | 0.649 | 0.67 | 0.614 |
| 25 | 0.644 | 0.671 | 0.676 | 0.428 |
| 26 | 0.729 | 0.757 | 0.783 | 0.666 |
| 27 | 0.742 | 0.787 | 0.799 | 0.726 |
| 28 | 0.358 | 0.358 | 0.381 | 0.247 |
| 29 | 0.951 | 0.963 | 0.977 | 0.901 |
| 30 | 0.229 | 0.237 | 0.242 | 0.223 |
| 31 | 0.373 | 0.399 | 0.413 | 0.325 |
| 32 | 0.208 | 0.237 | 0.244 | 0.194 |
| 33 | 0.674 | 0.687 | 0.706 | 0.663 |
| 34 | 0.352 | 0.397 | 0.449 | 0.318 |

Contd...

Supplementary Data 5: Contd...

| Serial number | OD at 500 mM NaCl concentration | OD at 750 mM NaCl concentration | OD at 1000 mM NaCl concentration | OD without supplementation |
|----------------------|--|--|---|-----------------------------------|
| 35 | 0.319 | 0.333 | 0.459 | 0.306 |
| 36 | 0.299 | 0.347 | 0.361 | 0.236 |
| 37 | 0.932 | 0.939 | 0.94 | 0.927 |
| 38 | 0.267 | 0.308 | 0.334 | 0.233 |
| 39 | 0.356 | 0.36 | 0.367 | 0.349 |
| 40 | 0.287 | 0.293 | 0.309 | 0.281 |
| 41 | 0.309 | 0.311 | 0.316 | 0.301 |
| 42 | 0.364 | 0.383 | 0.427 | 0.329 |
| 43 | 0.369 | 0.389 | 0.467 | 0.328 |
| 44 | 0.251 | 0.263 | 0.274 | 0.153 |
| 45 | 0.179 | 0.186 | 0.191 | 0.174 |
| 46 | 0.497 | 0.517 | 0.579 | 0.428 |
| 47 | 0.429 | 0.455 | 0.491 | 0.362 |
| 48 | 0.479 | 0.483 | 0.487 | 0.472 |
| 49 | 0.791 | 0.838 | 0.874 | 0.768 |
| 50 | 0.389 | 0.424 | 0.447 | 0.303 |
| 51 | 0.289 | 0.312 | 0.327 | 0.174 |
| 52 | 0.222 | 0.231 | 0.243 | 0.211 |
| 53 | 0.163 | 0.169 | 0.172 | 0.157 |
| 54 | 0.296 | 0.323 | 0.338 | 0.172 |
| 55 | 0.197 | 0.267 | 0.294 | 0.144 |
| 56 | 0.251 | 0.268 | 0.275 | 0.141 |
| 57 | 0.246 | 0.271 | 0.283 | 0.187 |
| 58 | 0.526 | 0.558 | 0.581 | 0.409 |
| 59 | 0.568 | 0.571 | 0.577 | 0.563 |
| 60 | 0.219 | 0.227 | 0.239 | 0.199 |
| 61 | 0.632 | 0.638 | 0.641 | 0.627 |
| 62 | 1.993 | 2.013 | 2.117 | 1.961 |
| 63 | 0.582 | 0.596 | 0.611 | 0.577 |
| 64 | 0.198 | 0.208 | 0.215 | 0.197 |

OD: Optical density NaCl: Sodium chloride