Table S1. Biofilm classification of mutants. Low biofilm former (LF), high biofilm former (HF), biofilm former (F).

Samples	Significant	Adjusted *p* value	Mean OD_{580nm}	Classification
Tn 1	No	>0.9999	0.9418	F
Tn 2	No	0.0505	1.414	F
Tn 3	No	0.9976	0.7536	F
Tn 4	No	>0.9999	1.017	F
Tn 5	Yes	0.0090	0.541	LF
Tn 6	No	0.9645	0.7268	F
Tn 7	No	0.0786	0.5996	F
Tn 8	No	>0.9999	0.8746	F
Tn 9	No	>0.9999	0.7888	F
Tn 10	No	0.2761	0.642	F
Tn 11	No	>0.9999	1.039	F
Tn 12	No	0.1612	1.377	F
Tn 13	No	>0.9999	0.9573	F
Tn 14	No	>0.9999	1.1	F
Tn 15	No	>0.9999	1.08	F
Tn 16	No	>0.9999	1.051	F
Tn 17	No	0.6734	0.6844	F
Tn 18	No	>0.9999	0.8756	F
Tn 19	No	>0.9999	0.8105	F
Tn 20	No	>0.9999	0.8673	F
Tn 21	No	>0.9999	0.9304	F
Tn 22	No	>0.9999	1.04	F
Tn 23	No	>0.9999	0.8415	F
Tn 24	No	>0.9999	0.8843	F
Tn 25	No	>0.9999	0.8656	F
Tn 26	No	0.9996	0.7655	F
Tn 27	No	>0.9999	0.8644	F
Tn 28	Yes	<0.0001	1.631	HF
Tn 29	Yes	<0.0001	0.3125	LF
Tn 30	No	>0.9999	0.9574	F
Tn 31	No	>0.9999	1.202	F
Tn 32	No	0.5701	1.326	F
Tn 33	No	>0.9999	1.096	F
Tn 34	No	0.5113	1.332	F
Tn 35	No	0.9229	0.716	F
Tn 36	No	>0.9999	0.7819	F
Tn 37	No	0.3684	1.347	F
Tn 38	No	>0.9999	1.176	F
Tn 39	No	>0.9999	1.196	F
Tn 40	No	>0.9999	1.07	F
Tn 41	No	0.1929	0.6289	F
Tn 42	Yes	<0.0001	0.3976	LF
Tn 43	No	>0.9999	1.125	F
Tn 44	No	0.1929	0.6289	F
Tn 45	No	0.9997	1.232	F
Tn 46	No	>0.9999	0.9839	F

Tn 47	No	0.7561	1.307	F
Tn 48	No	>0.9999	0.8361	F
Tn 49	No	>0.9999	0.9037	F
Tn 50	Yes	<0.0001	1.569	HF
Tn 51	No	>0.9999	1.111	F
Tn 52	No	>0.9999	0.8481	F
Tn 53	No	0.2689	1.359	F
Tn 54	No	>0.9999	0.9864	F
Tn 55	No	>0.9999	0.9508	F
Tn 56	No	>0.9999	0.9251	F
Tn 57	No	0.9981	0.7555	F
Tn 58	No	>0.9999	1.132	F
Tn 59	No	0.8034	1.302	F
Tn 60	Yes	0.0240	1.434	HF
Tn 61	No	>0.9999	1.137	F
Tn 62	No	0.9998	1.23	F
Tn 63	No	>0.9999	0.8068	F
Tn 64	No	>0.9999	1.196	F
Tn 65	No	>0.9999	1.17	F
Tn 66	No	>0.9999	1.185	F
Tn 67	No	0,5319	1.33	F
Tn 68	No	0,7306	1.31	F
Tn 69	No	>0,9999	1.036	F
Tn 70	No	0,9999	0.7726	F
Tn 71	Yes	<0,0001	1.565	HF
Tn 72	No	0,3906	1.344	F
Tn 73	Yes	0,0065	1.467	HF
Tn 74	No	>0,9999	0.9809	F
Tn 75	No	>0,9999	0.9871	F
Tn 76	No	>0.9999	1.217	F
Tn 77	No	>0.9999	1.127	F
Tn 78	No	0.9851	1.263	F
Tn 79	No	>0.9999	1.091	F
Tn 80	No	0.8552	0.7051	F
Tn 81	No	>0.9999	1.129	F
Tn 82	Yes	<0.0001	0.3263	LF
Tn 83	No	>0.9999	0.8105	F
Tn 84	No	0.1587	1.378	F
Tn 85	No	>0.9999	0.923	F
Tn 86	No	0.9619	0.7258	F
Tn 87	No	>0.9999	0.7904	F
Tn 88	No	>0.9999	1	F
Tn 89	No	>0.9999	0.9833	F
Tn 90	Yes	0.0423	0.5813	LF
Tn 91	No	0.6697	0.6837	F
Tn 92	No	0.3059	1.354	F
Tn 93	No	>0.9999	0.9579	F
Tn 94	No	>0.9999	0.8804	F
Tn 95	No	0.2311	0.6354	F
Tn 96	No	>0.9999	1.012	F

Tn 97	No	0.7740	0.6947	F
Tn 98	No	>0.9999	0.81	F
Tn 99	No	>0.9999	1.152	F
Tn 100	Yes	0.0298	1.428	HF
Tn 101	Yes	0.0002	1.547	HF
Tn 102	No	>0.9999	1.141	F
Tn 103	No	0.6478	1.319	F
Tn 104	No	>0.9999	0.8148	F
Tn 105	No	>0.9999	0.9852	F
Tn 106	No	>0.9999	0.9124	F
Tn 107	No	0.9952	0.7475	F
Tn 108	No	>0.9999	1.202	F
Tn 109	No	>0.9999	1.105	F
Tn 110	No	0.0566	0.5898	F
Tn 111	No	0.1974	0.6298	F
Tn 112	No	0.9997	0.768	F
Tn 113	No	>0.9999	0.8873	F
Tn 114	No	>0.9999	0.86	F
Tn 115	No	>0.9999	0.9366	F
Tn 116	No	>0.9999	0.9023	F
Tn 117	No	0.9936	0.7452	F
Tn 118	No	>0.9999	1.119	F
Tn 119	Yes	<0.0001	0.2077	LF
Tn 120	No	>0.9999	0.8173	F
Tn 121	No	>0.9999	0.9111	F
Tn 122	No	0.9744	0.7308	F
Tn 123	No	>0.9999	0.8578	F
Tn 124	No	>0.9999	1.057	F
Tn 125	No	>0.9999	0.7874	F
Tn 126	No	0.1373	0.6171	F
Tn 127	No	0.5092	0.6678	F
Tn 128	No	>0.9999	1.134	F
Tn 129	No	>0.9999	1.084	F
Tn 130	No	>0.9999	1.028	F
Tn 131	No	>0.9999	1.131	F
Tn 132	No	>0.9999	0.7769	F
Tn 133	No	>0.9999	0.8693	F
Tn 134	No	0.9996	0.7662	F
Tn 135	No	>0.9999	0.8337	F
Tn 136	No	0.7949	0.6973	F
Tn 137	No	0.7762	1.305	F
Tn 138	No	0.3267	0.6486	F
Tn 139	No	0.7211	0.689	F
Tn 140	No	>0.9999	0.8135	F
Tn 141	No	0.9825	0.7352	F
Tn 142	No	0.8765	0.7083	F
Tn 143	Yes	0.0474	0.5845	LF
Tn 144	No	>0.9999	0.8326	F
Tn 145	No	0.9995	0.7644	F
Tn 146	No	>0.9999	0.966	F

Tn 147	No	0.9975	1.247	F
Tn 148	No	0.8555	1.295	F
Tn 149	No	0.2319	0.6356	F
Tn 150	No	>0.9999	0.8208	F
Tn 151	No	0.1165	0.6117	F
Tn 152	No	>0.9999	0.7977	F
Tn 153	No	0.8391	0.7028	F
Tn 154	No	>0.9999	0.8853	F
Tn 155	No	>0.9999	0.7961	F
Tn 156	No	>0.9999	0.8212	F
Tn 157	No	>0.9999	0.878	F
Tn 158	No	>0.9999	0.9997	F
Tn 159	No	>0.9999	0.9055	F
Tn 160	No	>0.9999	1.092	F
Tn 161	No	>0.9999	0.9177	F
Tn 162	No	0.0632	0.593	F
Tn 163	No	>0.9999	0.8342	F
Tn 164	No	>0.9999	0.8217	F
Tn 165	No	>0.9999	0.7812	F
Tn 166	No	>0.9999	0.8308	F
Tn 167	No	>0.9999	0.8097	F
Tn 168	No	0.2906	0.6439	F
Tn 169	No	>0.9999	0.9294	F
Tn 170	No	0.7496	0.6921	F
Tn 171	No	>0.9999	0.9512	F
Tn 172	No	>0.9999	1.11	F
Tn 173	No	0.9958	1.251	F
Tn 174	No	>0.9999	0.792	F
Tn 175	No	>0.9999	0.9955	F
Tn 176	No	>0.9999	1.083	F
Tn 177	No	>0.9999	0.7982	F
Tn 178	No	0.9134	0.7142	F
Tn 179	No	0.9442	0.7208	F
Tn 180	No	>0.9999	1.202	F
Tn 181	No	0.9865	1.262	F
Tn 182	No	>0.9999	1.205	F
Tn 183	No	0.6569	0.6824	F
Tn 184	Yes	<0.0001	1.616	HF
Tn 185	No	>0.9999	1.037	F
Tn 186	No	>0.9999	0.9482	F
Tn 187	Yes	0.0038	1.48	HF
Tn 188	No	>0.9999	0.8744	F
Tn 189	No	>0.9999	1.184	F
Tn 190	No	>0.9999	0.8031	F
Tn 191	No	0.9999	0.7737	F
Tn 192	No	>0.9999	0.9285	F

Tn 193	No	0.1708	0.6246	F
Tn 194	No	0.0722	1.403	F
Tn 195	No	>0.9999	0.8691	F
Tn 196	No	0.6697	1.316	F
Tn 197	No	0.2281	1.365	F
Tn 198	Yes	0.0001	1.553	HF
Tn 199	No	0.0548	0.5887	F
Tn 200	Yes	<0.0001	1.642	HF
Tn 201	No	>0.9999	1.068	F
Tn 202	No	0.1420	0.6183	F
Tn 203	No	>0.9999	1.027	F
Tn 204	No	>0.9999	0.9035	F
Tn 205	No	>0.9999	0.9966	F
Tn 206	Yes	<0.0001	1.601	HF
Tn 207	No	>0.9999	1.048	F
Tn 208	No	>0.9999	1.171	F
Tn 209	No	>0.9999	0.8618	F
Tn 210	No	0.9998	1.23	F
Tn 211	No	>0.9999	1.1	F
Tn 212	No	>0.9999	1.102	F
Tn 213	No	>0.9999	0.9313	F
Tn 214	No	0.9996	1.233	F
Tn 215	No	0.9987	1.242	F
Tn 216	No	>0.9999	0.9684	F
Tn 217	No	>0.9999	0.8173	F
Tn 218	No	0.9938	0.7455	F
Tn 219	No	>0.9999	0.8347	F
Tn 220	No	>0.9999	0.8508	F
Tn 221	No	>0.9999	0.8118	F
Tn 222	Yes	0.0002	1.542	HF
Tn 223	No	0.9996	0.7659	F
Tn 224	Yes	0.0024	1.491	HF
Tn 225	No	0.5434	0.6712	F
Tn 226	No	>0.9999	0.8737	F
Tn 227	Yes	<0.0001	1.793	HF
Tn 228	No	0.6728	1.316	F
Tn 229	Yes	<0.0001	1.695	HF
Tn 230	No	0.1512	0.6204	F
Tn 231	No	0.1775	0.626	F
Tn 232	No	>0.9999	1.131	F
Tn 233	No	0.9991	0.7604	F
Tn 234	No	0.7334	0.6904	F
Tn 235	No	>0.9999	1.104	F
Tn 236	No	>0.9999	0.8326	F
Tn 237	No	>0.9999	0.966	F
Tn 238	No	>0.9999	0.8722	F

Tn 239	No	>0.9999	0.816	F
Tn 240	No	0.9781	1.267	F
Tn 241	No	0.8489	0.7042	F
Tn 242	No	>0.9999	1.06	F
Tn 243	No	>0.9999	0.9854	F
Tn 244	No	>0.9999	0.8758	F
Tn 245	No	>0.9999	0.9249	F
Tn 246	No	0.8002	0.698	F
Tn 247	No	0.9833	0.7358	F
Tn 248	No	0.8481	0.704	F
Tn 249	Yes	0.0205	0.5618	LF
Tn 250	No	0.4956	0.6662	F
Tn 251	Yes	0.0203	0.5615	LF
Tn 252	No	>0.9999	0.9184	F
Tn 253	No	>0.9999	1.02	F
Tn 254	No	>0.9999	0.8566	F
Tn 255	No	0.0548	0.5888	F
Tn 256	No	0.9416	0.7201	F
Tn 257	No	>0.9999	0.81	F
Tn 258	No	0.4995	0.6667	F
Tn 259	No	0.9789	1.267	F
Tn 260	No	0.9992	1.238	F
Tn 261	No	>0.9999	0.9524	F
Tn 262	Yes	0.0125	0.5491	LF
Tn 263	Yes	<0.0001	0.1594	LF
Tn 264	No	0.9372	0.7191	F
Tn 265	No	>0.9999	1.18	F
Tn 266	No	0.9615	1.274	F
Tn 267	No	0.5822	1.325	F
Tn 268	Yes	0.0030	1.486	HF
Tn 269	No	0.0526	1.412	F
Tn 270	No	0.0505	1.414	F
Tn 271	Yes	0.0031	1.485	HF
Tn 272	Yes	<0.0001	1.613	HF
Tn 273	No	0.0789	1.4	F
Tn 274	No	0.1165	1.388	F
Tn 275	Yes	0.0322	1.426	HF
Tn 276	Yes	0.0052	1.472	HF
Tn 277	No	0.2132	1.368	F
Tn 278	No	>0.9999	1.055	F
Tn 279	Yes	0.0069	1.466	HF
Tn 280	No	>0.9999	0.8721	F
Tn 281	Yes	<0.0001	1.613	HF
Tn 282	Yes	<0.0001	1.627	HF
Tn 283	Yes	0.0012	1.506	HF
Tn 284	No	0.9994	1.237	F

Tn 285	No	0.9959	1.251	F
Tn 286	Yes	<0.0001	1.617	HF
Tn 287	Yes	0.0005	1.527	HF
Tn 288	No	0.1764	1.374	F
Tn 289	Yes	<0.0001	1.736	HF
Tn 290	Yes	<0.0001	1.589	HF
Tn 291	Yes	0.0001	1.553	HF
Tn 292	No	0.1167	1.388	F
Tn 293	Yes	<0.0001	1.599	HF
Tn 294	Yes	<0.0001	1.594	HF
Tn 295	No	>0.9999	0.9814	F
Tn 296	Yes	0.0040	1.479	HF
Tn 297	No	0.0561	1.41	F
Tn 298	No	0.3047	1.354	F
Tn 299	No	0.9959	1.251	F
Tn 300	Yes	0.0498	1.414	HF
Tn 301	No	0.0742	1.402	F
Tn 302	Yes	0.0020	1.495	HF
Tn 303	No	>0.9999	0.7902	F
Tn 304	Yes	<0.0001	1.598	HF
Tn 305	Yes	0.0003	1.535	HF
Tn 306	Yes	<0.0001	1.692	HF
Tn 307	Yes	0.0218	1.436	HF
Tn 308	No	>0.9999	0.9876	F
Tn 309	Yes	<0.0001	1.681	HF
Tn 310	Yes	<0.0001	1.87	HF
Tn 311	No	>0.9999	1.203	F
Tn 312	Yes	<0.0001	1.79	HF
Tn 313	Yes	<0.0001	1.572	HF
Tn 314	Yes	<0.0001	1.798	HF
Tn 315	No	0.2281	1.365	F
Tn 316	No	>0.9999	1.16	F
Tn 317	No	0.4982	1.333	F
Tn 318	No	0.9912	1.258	F
Tn 319	No	0.1330	0.616	F
Tn 320	No	0.7805	1.304	F
Tn 321	No	0.5445	0.6714	F
Tn 322	No	0.9834	1.264	F
Tn 323	No	>0.9999	1.162	F
Tn 324	No	0.9912	0.7423	F
Tn 325	No	>0.9999	0.9163	F
Tn 326	No	>0.9999	1.127	F
Tn 327	No	0.0641	0.5934	F
Tn 328	No	0.9645	0.7268	F
Tn 329	No	0.6523	0.6818	F
Tn 330	No	>0.9999	1.033	F

Tn 331	No	0.9789	0.7333	F
Tn 332	No	>0.9999	0.9171	F
Tn 333	No	0.9887	0.74	F
Tn 334	No	>0.9999	0.9863	F
Tn 335	No	>0.9999	1.103	F
Tn 336	No	>0.9999	1.17	F
Tn 337	Yes	0.0340	0.5754	LF
Tn 338	No	0.9744	1.269	F
Tn 339	No	0.9997	0.7672	F
Tn 340	No	>0.9999	0.8725	F
Tn 341	No	>0.9999	1.101	F
Tn 342	No	>0.9999	1.18	F
Tn 343	No	>0.9999	1.134	F
Tn 344	No	>0.9999	1.083	F
Tn 345	No	>0.9999	0.7912	F
Tn 346	No	0.1845	1.373	F
Tn 347	No	0.0849	1.398	F
Tn 348	No	0.1929	1.371	F
Tn 349	No	>0.9999	0.9455	F
Tn 350	Yes	0.0070	1.465	HF
Tn 351	No	0.9976	1.247	F
Tn 352	No	>0.9999	1.071	F
Tn 353	No	>0.9999	1.014	F
Tn 354	Yes	<0.0001	1.648	HF
Tn 355	Yes	<0.0001	1.567	HF
Tn 356	No	0.3242	1.352	F
Tn 357	No	0.4629	1.337	F
Tn 358	No	>0.9999	0.8191	F
Tn 359	No	>0.9999	1.099	F
Tn 360	No	>0.9999	0.9943	F
Tn 361	No	>0.9999	1.037	F
Tn 362	No	>0.9999	0.8578	F
Tn 363	No	0.2380	1.363	F
Tn 364	No	>0.9999	0.9496	F
Tn 365	No	>0.9999	1.202	F
Tn 366	No	0.9967	0.751	F
Tn 367	No	>0.9999	1.005	F
Tn 368	No	0.9865	1.262	F
Tn 369	No	>0.9999	1.12	F
Tn 370	No	>0.9999	1.044	F
Tn 371	No	>0.9999	0.8264	F
Tn 372	No	0.0980	0.6064	F
Tn 373	Yes	0.0368	0.5775	LF
Tn 374	No	>0.9999	1.066	F
Tn 375	No	>0.9999	0.8885	F
Tn 376	No	>0.9999	1.058	F

Tn 377	No	>0.9999	0.9598	F
Tn 378	No	0.0931	1.395	F
Tn 379	No	>0.9999	1.066	F
Tn 380	No	0.0681	0.5953	F
Tn 381	No	>0.9999	1.11	F
Tn 382	No	>0.9999	0.803	F
Tn 383	No	0.9999	1.226	F
Tn 384	No	>0.9999	0.9378	F
Tn 385	No	>0.9999	1.136	F
Tn 386	No	>0.9999	0.9747	F
Tn 387	No	>0.9999	1.02	F
Tn 388	No	>0.9999	1.059	F
Tn 389	No	>0.9999	0.7881	F
Tn 390	No	>0.9999	0.8717	F
Tn 391	No	>0.9999	1.182	F
Tn 392	No	>0.9999	0.8646	F
Tn 393	No	>0.9999	0.8303	F
Tn 394	No	>0.9999	0.8419	F
Tn 395	No	>0.9999	0.8964	F
Tn 396	No	0.3197	0.6476	F
Tn 397	No	>0.9999	0.958	F
Tn 398	No	>0.9999	0.8366	F
Tn 399	No	>0.9999	0.9449	F
Tn 400	No	0.9999	0.7736	F
Tn 401	No	0.1665	1.376	F
Tn 402	No	>0.9999	0.8334	F
Tn 403	No	>0.9999	0.8784	F
Tn 404	No	0.8379	0.7025	F
Tn 405	No	0.1446	0.619	F
Tn 406	Yes	0.0125	0.5491	LF
Tn 407	Yes	<0.0001	2.08	HF
Tn 408	Yes	<0.0001	2.186	HF
Tn 409	No	0.8694	1.293	F
Tn 410	Yes	<0.0001	2.424	HF
Tn 411	Yes	<0.0001	1.624	HF
Tn 412	No	0.1416	1.382	F
Tn 413	No	>0.9999	1.178	F
Tn 414	No	0.9726	1.27	F
Tn 415	Yes	<0.0001	1.891	HF
Tn 416	Yes	0.0007	1.518	HF
Tn 417	Yes	<0.0001	1.92	HF
Tn 418	Yes	<0.0001	1.736	HF
Tn 419	Yes	<0.0001	1.58	HF
Tn 420	Yes	0.0019	0.5034	LF
Tn 421	No	>0.9999	1.197	F
Tn 422	No	>0.9999	0.9082	F

Tn 423	Yes	<0.0001	1.745	HF
Tn 424	Yes	<0.0001	2.217	HF
Tn 425	Yes	<0.0001	0.4316	LF
Tn 426	Yes	0.0006	1.523	HF
Tn 427	Yes	<0.0001	2.354	HF
Tn 428	No	0.6299	1.32	F
Tn 429	Yes	<0.0001	1.789	HF
Tn 430	No	>0.9999	0.8555	F
Tn 431	No	>0.9999	1.119	F
Tn 432	No	>0.9999	0.9895	F
Tn 433	No	0.9369	1.281	F
Tn 434	No	0.0674	0.5949	F
Tn 435	No	0.0630	0.5928	F
Tn 436	No	0.7146	0.6883	F
Tn 437	No	>0.9999	0.9958	F
Tn 438	No	0.5863	0.6756	F
Tn 439	No	>0.9999	1.138	F
Tn 440	Yes	0.0088	1.459	HF
Tn 441	No	>0.9999	0.8075	F
Tn 442	Yes	<0.0001	1.634	HF
Tn 443	No	>0.9999	0.9568	F
Tn 444	No	0.6630	0.683	F
Tn 445	Yes	0.0158	1.445	HF
Tn 446	No	>0.9999	1.124	F
Tn 447	No	0.1152	1.389	F
Tn 448	No	0.3791	1.345	F
Tn 449	No	>0.9999	1.015	F
Tn 450	No	>0.9999	0.9515	F
Tn 451	No	>0.9999	0.9357	F
Tn 452	No	0.0735	0.5976	F
Tn 453	No	0.9655	0.7273	F
Tn 454	No	0.7818	1.304	F
Tn 455	No	0.0892	0.6034	F
Tn 456	No	>0.9999	0.8051	F
Tn 457	Yes	0.0393	0.5793	LF
Tn 458	No	>0.9999	0.8425	F
Tn 459	Yes	0.0038	1.48	HF
Tn 460	No	>0.9999	1.061	F
Tn 461	No	>0.9999	1.029	F
Tn 462	No	0.2373	0.6365	F
Tn 463	Yes	<0.0001	0.06496	LF
Tn 464	No	>0.9999	1.078	F
Tn 465	Yes	<0.0001	1.6	HF
Tn 466	No	>0.9999	0.9096	F
Tn 467	Yes	0.0028	0.5127	LF
Tn 468	Yes	<0.0001	1.566	HF

Tn 469	No	>0.9999	1	F
Tn 470	No	>0.9999	0.916	F
Tn 471	No	>0.9999	0.951	F
Tn 472	Yes	<0.0001	1.672	HF
Tn 473	Yes	<0.0001	2.222	HF
Tn 474	No	0.0915	1.396	F
Tn 475	Yes	0.0012	0.4925	LF
Tn 476	Yes	<0.0001	2.135	HF
Tn 477	No	>0.9999	0.9569	F
Tn 478	No	>0.9999	1.179	F
Tn 479	Yes	0.0286	1.429	HF
Tn 480	No	0.0893	1.396	F
Tn 481	No	>0.9999	0.9785	F
Tn 482	No	>0.9999	1.061	F
Tn 483	No	0.9957	1.251	F
Tn 484	No	>0.9999	0.9806	F
Tn 485	No	0.8873	1.29	F
Tn 486	No	>0.9999	1.193	F
Tn 487	No	0.9990	1.24	F
Tn 488	Yes	<0.0001	2.271	HF
Tn 489	Yes	0.0033	1.483	HF
Tn 490	Yes	<0.0001	2.232	HF
Tn 491	No	>0.9999	1.033	F
Tn 492	Yes	<0.0001	2.767	HF
Tn 493	Yes	0.0006	1.523	HF
Tn 494	Yes	<0.0001	1.83	HF
Tn 495	Yes	<0.0001	1.68	HF
Tn 496	Yes	<0.0001	1.816	HF
Tn 497	Yes	<0.0001	2.567	HF
Tn 498	Yes	0.0001	1.555	HF
Tn 499	Yes	<0.0001	2.551	HF
Tn 500	Yes	<0.0001	1.721	HF
Tn 501	No	0.1248	1.386	F
Tn 502	No	>0.9999	0.9037	F
Tn 503	No	>0.9999	0.8236	F
Tn 504	No	>0.9999	1.071	F
Tn 505	No	>0.9999	1.112	F
Tn 506	No	>0.9999	0.8893	F
Tn 507	Yes	0.0002	1.549	HF
Tn 508	No	0.1373	1.383	F
Tn 509	Yes	<0.0001	1.725	HF
Tn 510	No	>0.9999	0.9944	F
Tn 511	No	>0.9999	0.867	F
Tn 512	No	>0.9999	1.189	F
Tn 513	Yes	0.0003	1.536	HF
Tn 514	No	>0.9999	1.1	F

Tn 515	Yes	<0.0001	1.822	HF
Tn 516	No	0.9982	1.244	F
Tn 517	No	0.1309	1.385	F
Tn 518	No	>0.9999	0.8848	F
Tn 519	Yes	<0.0001	1.577	HF
Tn 520	Yes	<0.0001	1.874	HF
Tn 521	No	0.5640	1.327	F
Tn 522	Yes	0.0036	1.481	HF
Tn 523	Yes	<0.0001	2.009	HF
Tn 524	No	0.1698	1.376	F
Tn 525	Yes	<0.0001	1.918	HF
Tn 526	Yes	<0.0001	1.717	HF
Tn 527	Yes	0.0001	1.556	HF
Tn 528	No	0.5504	0.672	F
Tn 529	No	0.9561	1.276	F
Tn 530	No	>0.9999	1.015	F
Tn 531	No	>0.9999	0.9497	F
Tn 532	No	0.5063	1.333	F
Tn 533	No	>0.9999	1.167	F
Tn 534	Yes	0.0003	1.535	HF
Tn 535	No	0.8578	1.294	F
Tn 536	Yes	<0.0001	2.551	HF

Table S2. Primers used in the disruption and complementation of the *purL* gene.

Target	Primer Sequence (5' to 3')	Tm (°C)	Product size	Reference
cat (Chloramphenicol cassette) left border	GGGCGAAGAAGTTGTCCATA	60	914 pb	This study
purL right border	GCAAACCACCCATTGTCG	54.7		This study
purL left border	CGTCAGCGCATCAGATTC	53.8		This study
cat (Chloramphenicol cassette) right border	TGGAGTGAATACCACGACGA	60	511 pb	This study
purL - F	ATGATGGAAATTCTGCGTGGTTCGCCTGC	64.6		This study
			3888 pb	
purL - R	TTACCCCAACTGCTTACGCGCATTGCGGAA	66.8		This study
T7 promoter - F	TAATACGACTCACTATAGGG	54		This study
			800 pb	
purL internal - R	CGTGGTTTCGAAGGTGTTTT	58		This study

Table S3. Antibiotic resistance profiles of biofilm-former and non-biofilm-former clinical isolates.

		Antibiotic Resistance Profiles												
Sample	**Origin**	**GM**	**AMC**	**PTZ**	**SXT**	**CAZ**	**CIP**	**IMI**	**COL**	**AZT**	**FOS**	**TG**	**CHL**	**Biofilm**
HMT119	Urine	S	S	S	I	S	I	S	S	S	S	S	S	LF
HCB156	Urine	R	S	S	R	S	S	S	S	S	S	R	S	LF
HCB0006	Blood	S	S	S	S	S	S	S	S	S	S	S	S	LF
HMT142	Blood	S	S	S	S	S	S	S	S	S	S	S	S	F
HUB647	Urine	S	S	S	S	S	S	S	S	S	S	S	S	F
HUB656	Urine	S	S	S	S	S	S	S	S	S	S	S	S	F

GM: Gentamicin, AMC: Amoxicillin/clavulanic acid, PTZ: Piperacillin-tazobactam, SXT: Trimethoprim- sulfamethoxazole. CAZ: Ceftazidime, CIP: Ciprofloxacin, IMI: Imipenem, COL: Colistin, FOS: Fosfomycin, TG: Tygecycline, CHL: Chloramphenicol. S: Susceptible, I: Intermediate, R: Resistant. LF: low former, F: former.

Table S4. qPCR primers used in this study.

Gen	Primer sequence (5' to 3')	Tm (°C)	Product Size	Reference
mgtA	F: GTGAGTCTCTGCCCGTAGAAAAA	63	71 bp	This study
	R: GTCGCACTCCAGCGGATT	58		
dnaK	F: GCGAAACTGGAAAGCCTGGTTGAA	65	136 bp	[1]
	R: TTGGCATACGAGTCTGACCACCAA	65		
lptD	F: TGGAACATCGCGCCAAAT	54	62 bp	This study
	R: TTGCCACGACGATGCATATAA	57		
ptsI	F: CGTATCGCGATGGATCGTAGA	61	63 bp	This study
	R: CGAGGCACGCAGGATAGC	61		
pta	F: ACAATGTTGATCCGGCGAAG	58	101 bp	[2]
	R: CATATCGATCGCACGAGTCG	60		
ilvC	F: TTCTCTGCTGTGCTTCGA	59	82 bp	This study
	R: TTCCCAACCGAACTGAATCAG	59		
tsf	F: TGAAGGCCGCATGAAGAAA	55	80 bp	This study
	R: CAACAGTTTTGCTTGGTTCCATAA	60		
ftsz	F: TTACTCGTCCGGGTTTGATGA	59	71 bp	This study
	R: TGCGTAGCCCATCTCAGACA	60		
elbB	F: TGAAGCGGTGTTGACGTTGT	58	73 bp	This study
	R: CTGCTTATCCGGTGCAAAGC	60		
groL	F: GGGTATCCTGGATCCAACCA	60	70 bp	This study
	R: CATCAGGCCAGCCACAGAA	59		
ompA	F: CTGGTGCTAAACTGGGCTG	59	112 bp	[3]
	R: TTAACCTGGTAACCACCAAAAG	58		
adhE	F: AAGTCCCTGTGTGCTTTCGG	60	101 bp	[2]
	R: TGCAGAGCCTGACCATCAGA	60		
purL	F: CCGTAATGGAAGGTTCTGAAGTG	63	112 bp	This study
	R: TGGTTGTGAGTTTCGACTTTCATC	62		
arcA	F: CGAAATCGGTGCAGATGACTAC	60	68 bp	This study
	R: TGCGTGCACGAATAGTCAGTT	62		

Table S5. Protein identification analysed by liquid chromatography coupled to mass spectrometry and their coding gene.

SPOT	Gene name(s)	Protein cat.	Uniprot Entry	Peptides	Anova (p)	MW [kDa]	pI	Score	Seq. Coverage [%]	Spec Counts
1	***lptD***, *imp*, *ostA*	3	Q1RGE3	12	0.0442	89.6	5	387.4	17	14
2	***ptsI***	3	P08839	9	0.0309	63.5	4.6	221.4	12.9	9
3	***cysJ***	1	Q1R7T4	3	0.0239	66.3	4.8	66	4.8	3
4	***pta***	1	P0A9M8	6	0.0033	77.1	5.2	199.6	9	9
5	***tsf***	2	C4ZRR2	14	0.0025	30.4	5.1	558.9	40.6	29
6	***ftsZ***, *sfiB*, *sulB*	2	P0A9A6	6	0.0380	40.3	4.5	185.9	21.9	9
7	***elbB***, *elb2*, *yzzB*	1	P0ABU5	1	0.0221	23	4.5	34.9	3.7	1
8	***groL***, *groEL*	2	A7ZV12	1	0.0093	57.3	4.7	36.6	1.8	1
9	***ompA***, *con*, *tolG*, *tut*	3	P0A910	1	0.0250	37.2	6	26.7	2.6	1
10	***adhE***, *ana*	1	P0A9Q7	1	0.0025	96.1	6.3	47.2	1.1	1
11 mixture	***mgtA***, *corB*, *mgt*		P0ABB8	1	0.0039	99.4	5.6	117.2	1.8	6
11 mixture	*dnaK*	2	A7ZVV7	3	0.0039	69.1	4.7	62.3	4.7	4
12 mixture	***dnaK***		A7ZVV7	3	0.0024	69.1	4.7	62.3	4.7	4
12 mixture	*mgtA*, *corB*, *mgt*	1	P0ABB8	1	0.0024	99.4	5.6	42.4	1.8	3
13 mixture	***ilvC***	1	C4ZZ44	2	0.0018	54	5.1	28.8	3.5	2
13 mixture	*ygiM*		P0ADT8	1	0.0018	23.1	9.6	24.6	4.4	1

Protein Category: 1. Metabolism and cell maintenance, 2. Signalling and cellular process, 3. Genetic information processing.

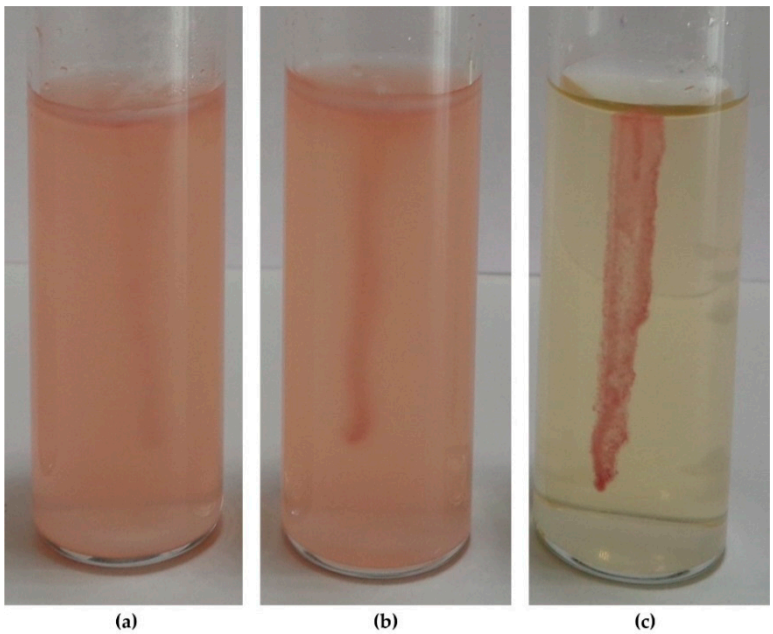

Figure S1. Swimming assay. (a): wild type; (b): Tn263; (c) *flhD* mutant as negative control**.**

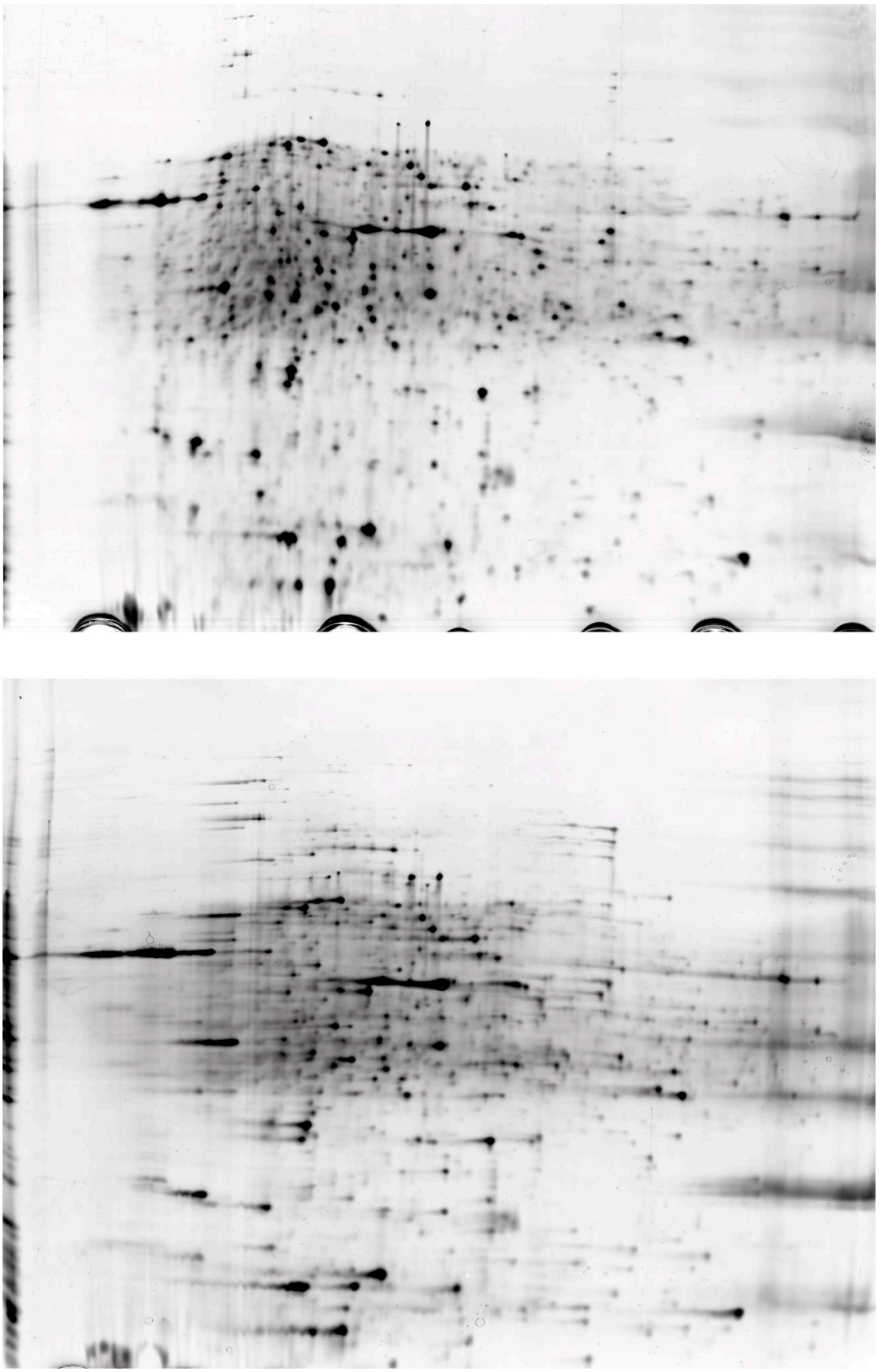

Figure S2. Two dimensional SDS-PAGE images of the wild type strain.

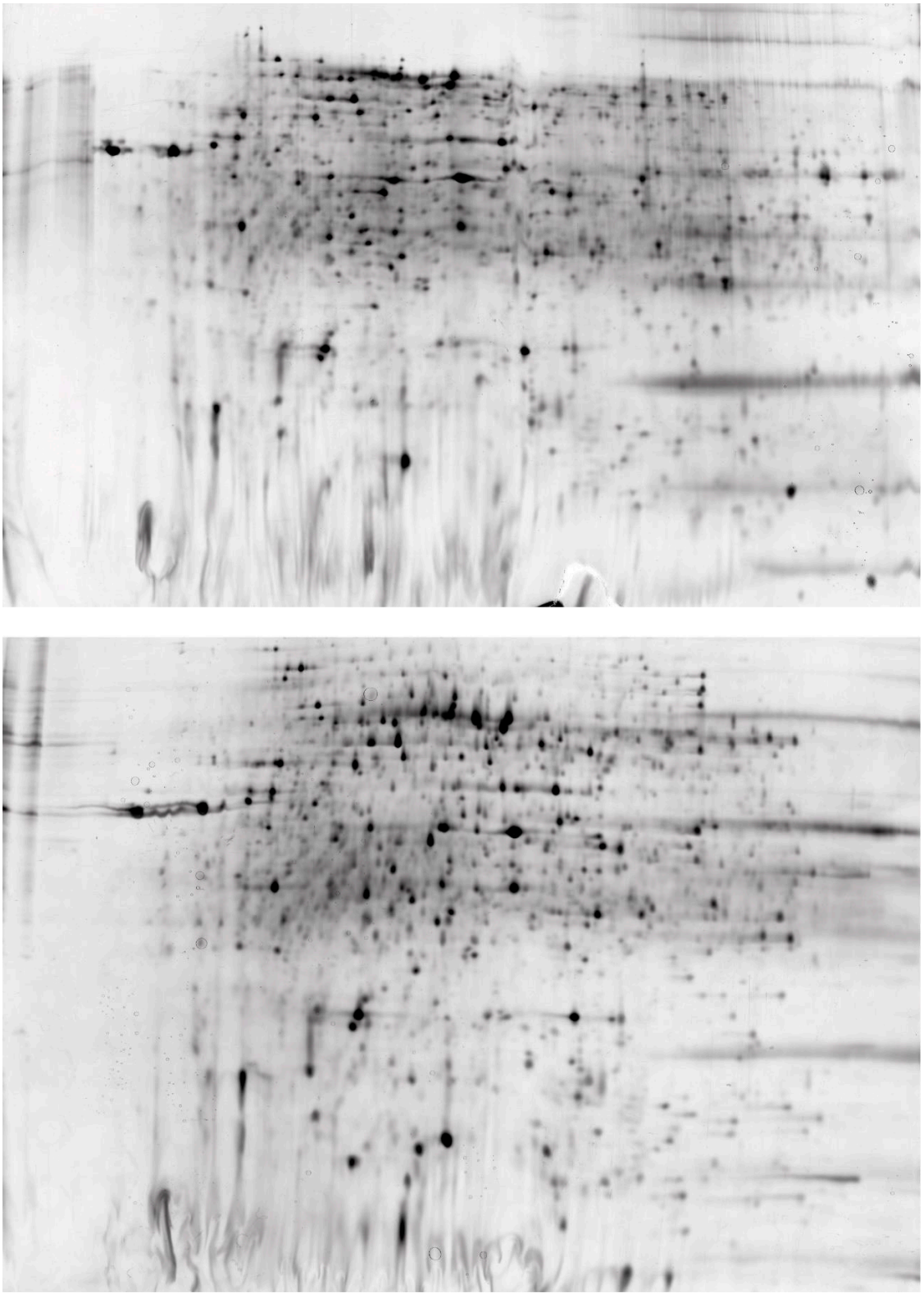

Figure S3. Two dimensional SDS-PAGE images of the Tn263 mutant.

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