

**Supplementary Table 1: Growth of bacterial isolates at different NaCl concentration in MS Medium**

| Isolate Number | Growth (protein $\mu\text{g mL}^{-1}$ ) at different NaCl Concentration |        |        |
|----------------|-------------------------------------------------------------------------|--------|--------|
|                | 5%                                                                      | 8%     | 10%    |
| <b>1S1</b>     | 224.83                                                                  | 227.68 | 175.30 |
| <b>1S3</b>     | 181.60                                                                  | 26.90  | 0.00   |
| <b>1S4</b>     | 231.95                                                                  | 227.32 | 171.38 |
| <b>2S3</b>     | 235.99                                                                  | 156.06 | 271.86 |
| <b>2S4</b>     | 60.21                                                                   | 71.62  | 0.00   |
| <b>2S5</b>     | 254.40                                                                  | 243.60 | 178.3  |
| <b>4S4</b>     | 202.02                                                                  | 269.30 | 166.39 |
| <b>KB1</b>     | 284.09                                                                  | 231.47 | 152.50 |
| <b>KB2</b>     | 231.47                                                                  | 216.36 | 176.3  |
| <b>KB3</b>     | 195.84                                                                  | 113.66 | 104.75 |
| <b>KB4</b>     | 79.60                                                                   | 43.60  | 0.00   |
| <b>KB5</b>     | 223.76                                                                  | 287.30 | 181.36 |
| <b>KB6</b>     | 92.30                                                                   | 27.60  | 0.00   |
| <b>KB7</b>     | 276.13                                                                  | 307.84 | 344.90 |
| <b>KB9</b>     | 191.69                                                                  | 91.60  | 0.00   |
| <b>KB10</b>    | 241.93                                                                  | 189.6  | 176.3  |
| <b>KB13</b>    | 173.16                                                                  | 128.60 | 103.6  |
| <b>KB14</b>    | 177.44                                                                  | 89.60  | 0.00   |
| <b>KB15</b>    | 250.00                                                                  | 258.60 | 183.63 |
| <b>CR1</b>     | 95.84                                                                   | 25.70  | 0.00   |
| <b>CR3</b>     | 119.00                                                                  | 63.60  | 0.00   |
| <b>CR7</b>     | 212.35                                                                  | 214.60 | 156.3  |
| <b>CR9</b>     | 309.16                                                                  | 273.10 | 176.9  |
| <b>CR10</b>    | 207.60                                                                  | 172.90 | 143.6  |
| <b>CR11</b>    | 117.94                                                                  | 41.60  | 12.90  |
| <b>CR12</b>    | 202.73                                                                  | 168.90 | 119.50 |
| <b>CR13</b>    | 165.68                                                                  | 76.89  | 0.00   |
| <b>B1</b>      | 160.69                                                                  | 225.18 | 156.06 |
| <b>B2</b>      | 211.29                                                                  | 247.27 | 200.60 |
| <b>B3</b>      | 215.00                                                                  | 264.00 | 215.60 |
| <b>B4</b>      | 246.56                                                                  | 202.73 | 207.90 |
| <b>B5</b>      | 209.60                                                                  | 254.00 | 216.90 |
| <b>B6</b>      | 294.00                                                                  | 264.80 | 194.90 |
| <b>B7</b>      | 215.00                                                                  | 254.00 | 166.90 |
| <b>B8</b>      | 212.39                                                                  | 81.90  | 0.00   |
| <b>B9</b>      | 298.00                                                                  | 126.90 | 214.90 |

|                     |        |        |        |
|---------------------|--------|--------|--------|
| <b>B10</b>          | 321.00 | 354.00 | 215.00 |
| <b>B11</b>          | 238.00 | 193.60 | 207.90 |
| <b>B12</b>          | 223.55 | 147.90 | 109.63 |
| <b>B13</b>          | 265.00 | 348.00 | 215.90 |
| <b>B14</b>          | 225.00 | 269.00 | 205.70 |
| <b>B15</b>          | 315.00 | 269.00 | 264.80 |
| <b>B16</b>          | 312.00 | 264.00 | 231.46 |
| <b>B17</b>          | 231.00 | 321.00 | 216.69 |
| <b>B18</b>          | 264.00 | 294.00 | 204.90 |
| <b>B19</b>          | 224.67 | 19.34  | 0.00   |
| <b>B20</b>          | 269.47 | 226.39 | 188.6  |
| <b>B21</b>          | 284.00 | 42.30  | 0.00   |
| <b>B22</b>          | 234.00 | 265.00 | 242.00 |
| <b>B23</b>          | 136.00 | 56.30  | 13.60  |
| <b>B24</b>          | 239.00 | 206.30 | 183.60 |
| <b>B25</b>          | 216.00 | 65.90  | 0.00   |
| <b>B26</b>          | 206.00 | 63.80  | 0.00   |
| <b>B27</b>          | 336.40 | 243.20 | 208.60 |
| <b>B28</b>          | 317.00 | 216.20 | 219.30 |
| <b>B29</b>          | 229.00 | 209.30 | 169.30 |
| <b>B30</b>          | 236.00 | 206.30 | 189.63 |
| <b>B31</b>          | 328.00 | 29.30  | 0.00   |
| <b>B32</b>          | 212.30 | 77.36  | 0.00   |
| <b>B33</b>          | 223.55 | 47.39  | 0.00   |
| <b>LSD (p=0.05)</b> | 27.23  | 23.53  | 31.32  |



**Supplementary Figure 1. PHB positive (Dark Green) and PHB negative (Whitish) bacterial strains as verified by Sudan Black staining**