

S2 Table. Salt tolerance of investigated species.

| <b>species/cell line</b>          | <b>IC<sub>10</sub></b><br>mean ± std.dev.<br>(mM NaCl) | <b>IC<sub>25</sub></b><br>mean ± std.dev.<br>(mM NaCl) | <b>IC<sub>50</sub></b><br>mean ± std.dev.<br>(mM NaCl) |
|-----------------------------------|--|--|--|
| <i>Homo sapiens</i> HDF           | 89 ± 0   | 103 ± 0  | 120 ± 0  |
| <i>Homo sapiens</i> MCF7          | 60 ± 0   | 80 ± 0   | 105 ± 0  |
| <i>Escherichia coli</i>           | 534 ± 30   | 732 ± 30   | 995 ± 30   |
| <i>Pseudomonas putida</i>         | 543 ± 4  | 693 ± 4  | 883 ± 4  |
| <i>Pseudomonas fluorescens</i>    | 277 ± 5  | 397 ± 5  | 566 ± 4  |
| <i>Rhodobacter sphaeroides</i>    | 119 ± 44   | 184 ± 51   | 290 ± 50   |
| <i>Paracoccus versutus</i>        | 460 ± 14   | 602 ± 12   | 785 ± 9  |
| <i>Sinorhizobium meliloti</i>     | 110 ± 46   | 189 ± 65   | 323 ± 88   |
| <i>Agrobacterium tumefaciens</i>  | 149 ± 34   | 211 ± 27   | 308 ± 7  |
| <i>Zymomonas mobilis</i>          | 280 ± 53   | 628 ± 14   | 1535 ± 115   |
| <i>Saccharomyces cerevisiae</i>   | 249 ± 58   | 632 ± 203  | 1503 ± 349   |
| <i>Schizosaccharomyces pombe</i>  | 30 ± 14  | 74 ± 23  | 180 ± 25   |
| <i>Lactobacillus casei</i>        | 714 ± 41   | 1050 ± 30  | 1475 ± 12  |
| <i>Bacillus subtilis</i>          | 415 ± 50   | 557 ± 30   | 746 ± 7  |
| <i>Corynebacterium glutamicum</i> | 743 ± 0  | 866 ± 4  | 1010 ± 9   |
| <i>Mycobacterium smegmatis</i>    | 145 ± 25   | 335 ± 0  | 781 ± 85   |