



1 **Fig. S4. Antimicrobial disk diffusion assay in *P. aeruginosa* efflux pump mutants**
2 **overexpressing *nox^{Sp}*.** Deficient strains in the main RND efflux pumps ($\Delta mexAB$, $\Delta mexCD$,
3 $\Delta mexEF$ and $\Delta mexXY$) expressing *nox^{Sp}* were plated onto LB-Agar with or without the inducer
4 IPTG (0.1 mM or 1 mM, as indicated) and challenged with antibiotic-impregnated disks. Cells
5 carrying the empty vector (EV) served as a control. The diameter of the inhibition zone of at least
6 three independent experiments were measured and normalized to the empty vector. Significant
7 differences between samples were calculated by means of a ratio paired t-test and are indicated
8 by asterisks (p -value: * < 0.05; ** < 0.01; *** < 0.001; **** < 0.0001). LEV: levofloxacin; CIP:
9 ciprofloxacin; NOR: norfloxacin; AMK: amikacin; TOB: tobramycin.