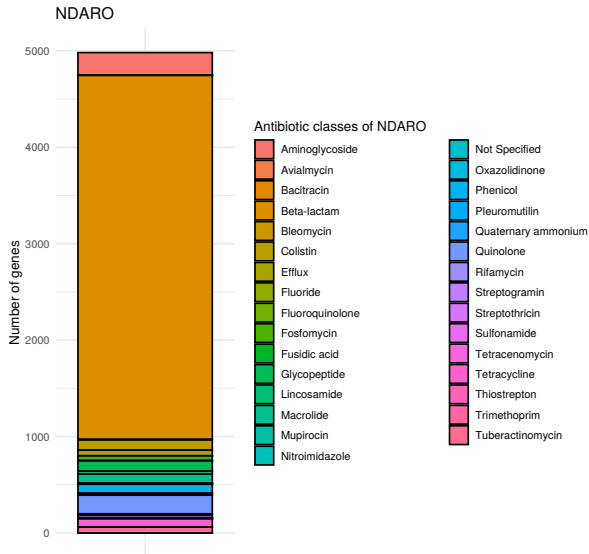
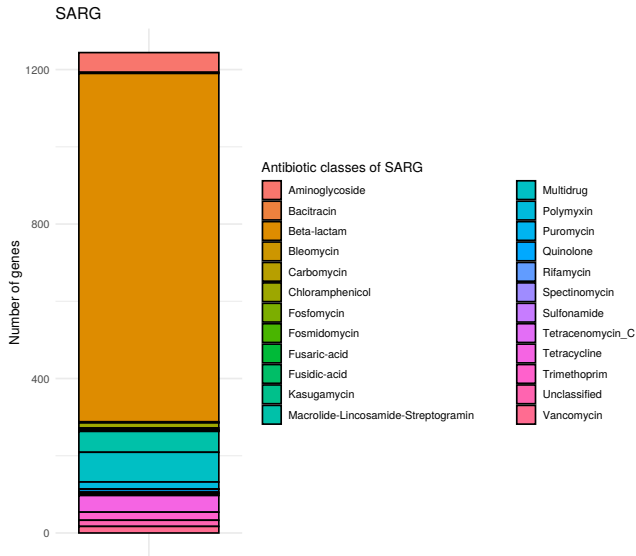


**Supplementary Figure S1: MEGARes gene counts of each antibiotic class.** Number of resistance genes were determined for each class of antibiotics stored in the MEGARes database. Only antibiotic- and biocid resistance genes were considered for this plot.



**Supplementary Figure S2: NDAO gene counts of each antibiotic class.** Number of resistance genes were determined for each class of antibiotics stored in the NDAO database. Only antibiotic- and biocid resistance genes were considered for this plot.



**Supplementary Figure S3: SARG gene counts of each antibiotic class.** Number of resistance genes were determined for each class of antibiotics stored in the SARG database. Only antibiotic- and biocid resistance genes were considered for this plot.