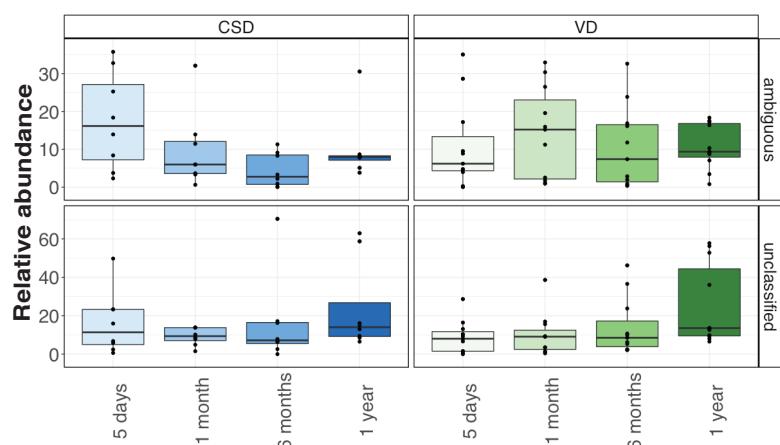
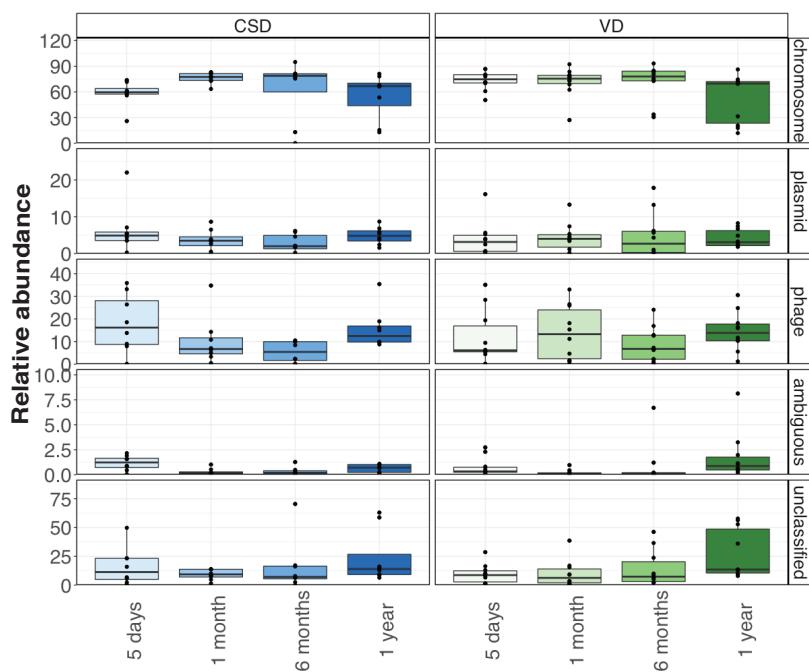


## Supplementary Figure. 7

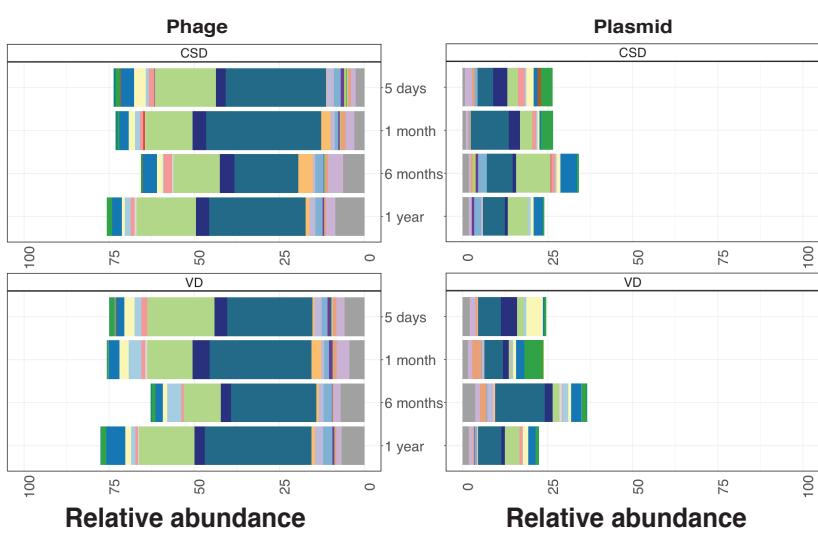
a



b



C



## Category

- A vertical legend consisting of colored squares next to their corresponding gene names. The colors are: yellow for acridine\_dye, green for aminoglycoside, brown for antibacterial\_free\_fatty\_acids, light blue for bacitracin, light yellow for beta-lactam, pink for diaminopyrimidine, light orange for fluoroquinolone, and red for fosfomycin.

|                                |              |
|--------------------------------|--------------|
| acridine_dye                   | yellow       |
| aminoglycoside                 | green        |
| antibacterial_free_fatty_acids | brown        |
| bacitracin                     | light blue   |
| beta-lactam                    | light yellow |
| diaminopyrimidine              | pink         |
| fluoroquinolone                | light orange |
| fosfomycin                     | red          |

fosfomycin  
fusaric-acid  
fusidic-acid  
glycopeptide  
MLS  
multidrug  
mupirocin  
nucleoside  
peptide

- A vertical legend consisting of colored squares next to their corresponding antibiotic names:

  - Blue: phenicol
  - Purple: pleuromutilin
  - Green: polyamine:peptide
  - Light Green: rifamycin
  - Orange: sulfonamide
  - Light Purple: tetracycline
  - Yellow: triclosan
  - Grey: unclassified