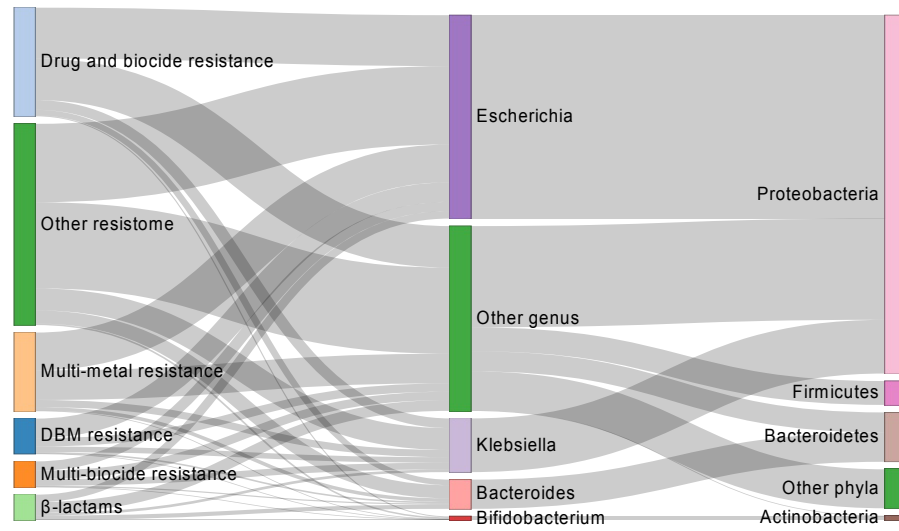
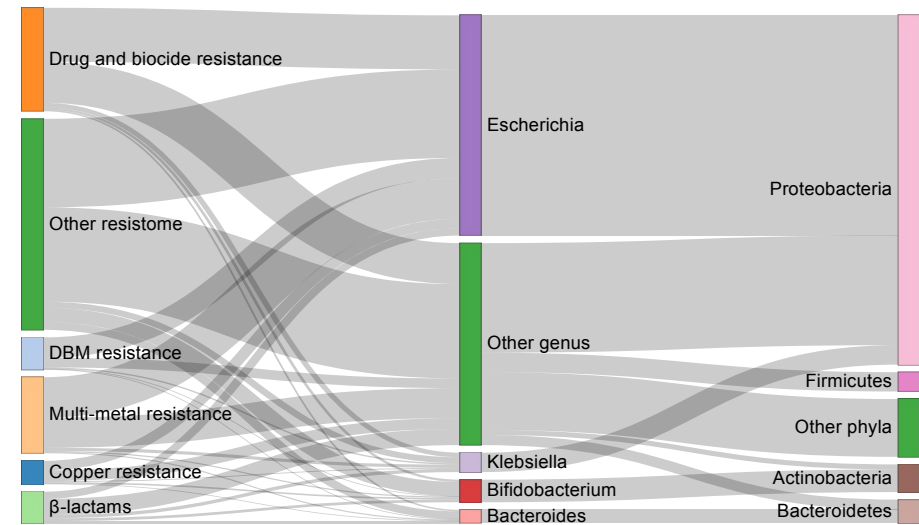
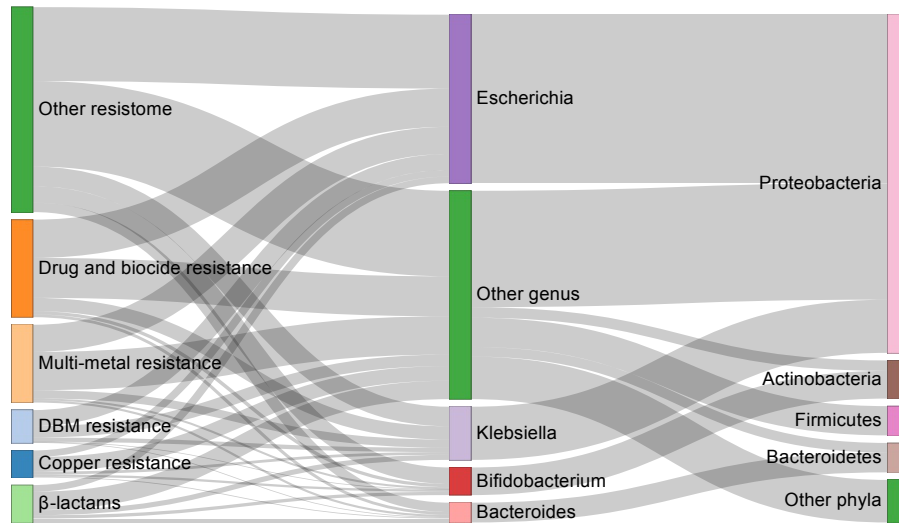
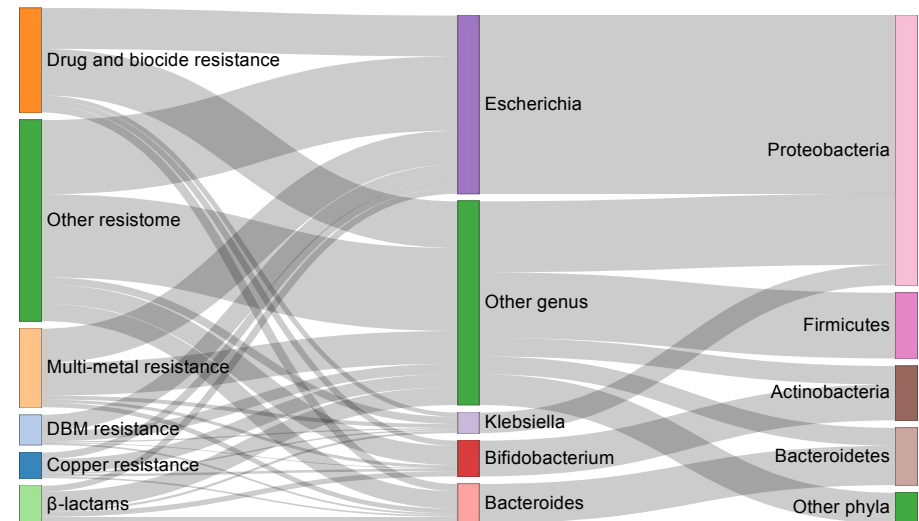
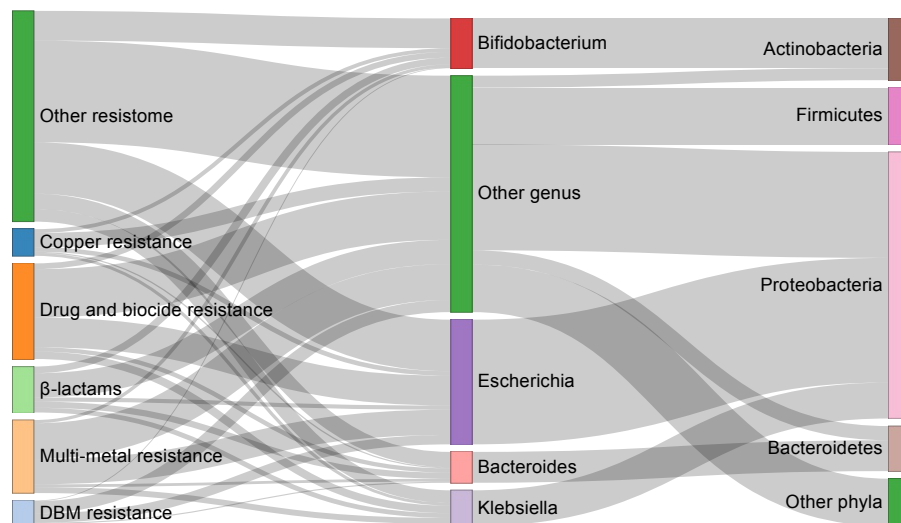


a**Month 0****b****Month 1****c****Month 2****d****Month 3**

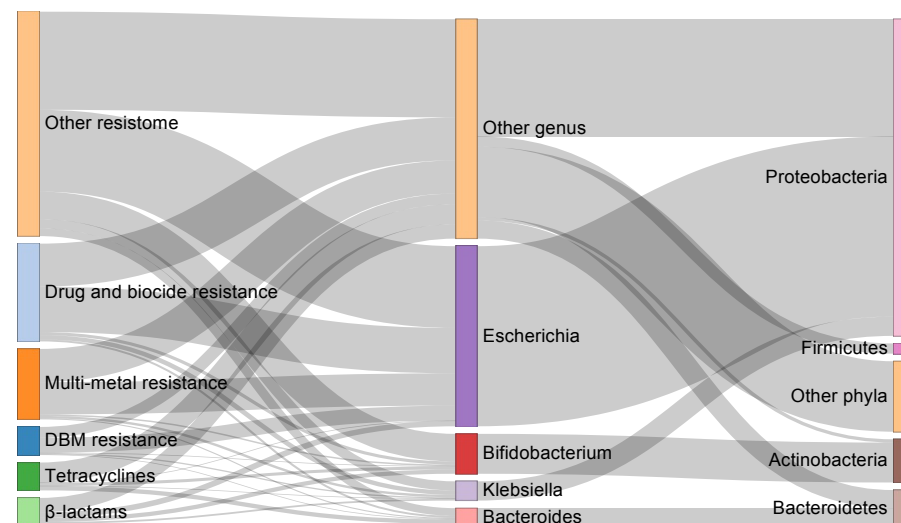
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Month 4



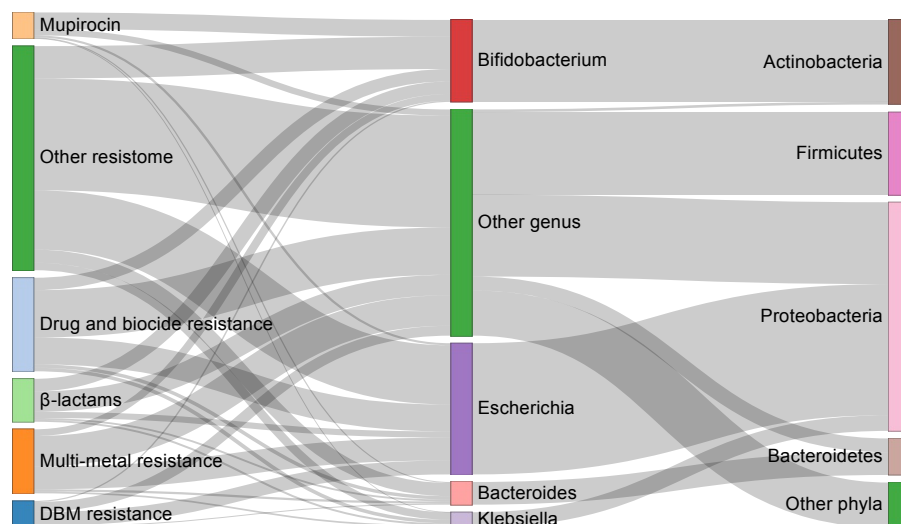
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Month 5



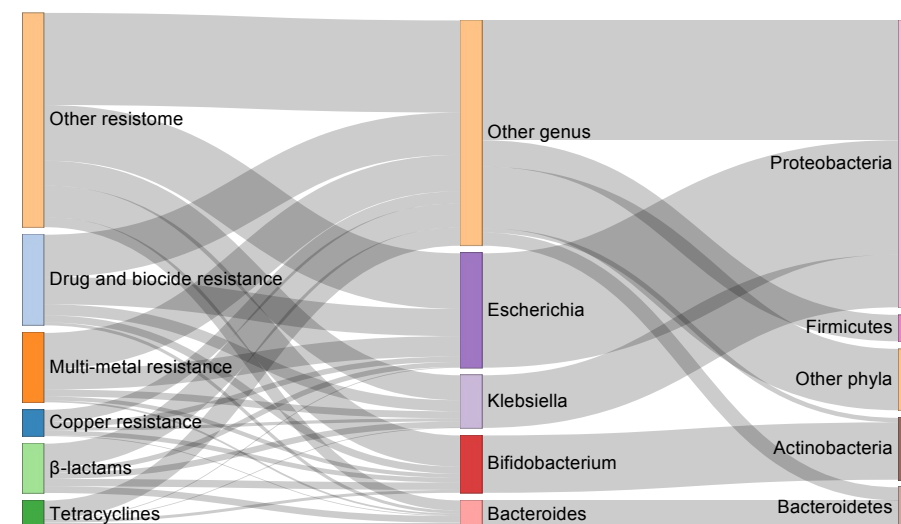
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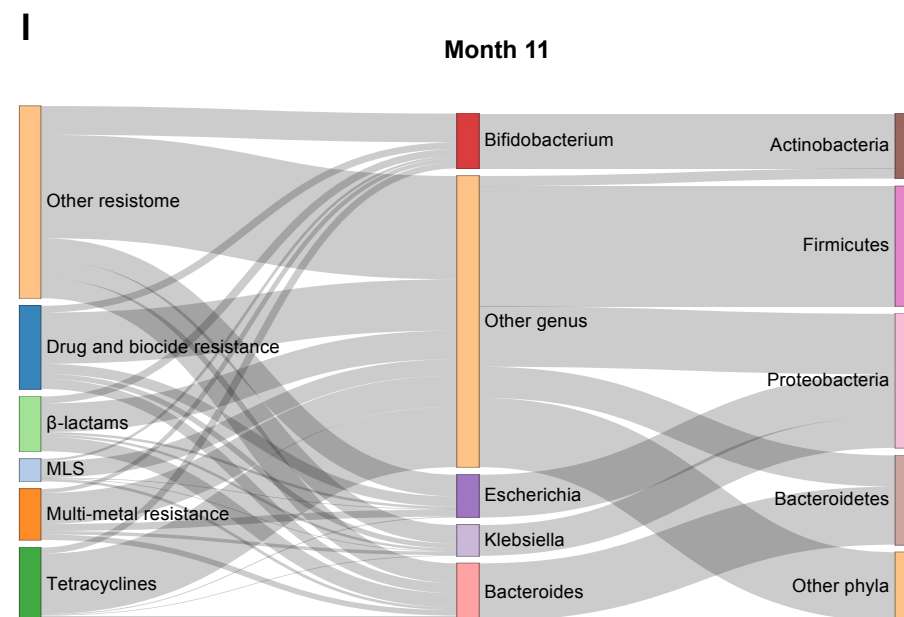
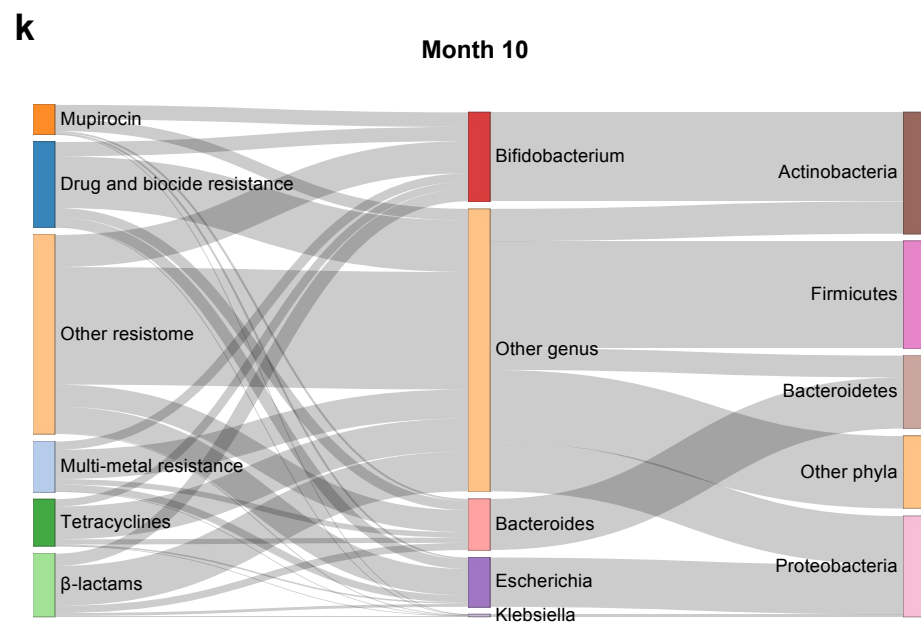
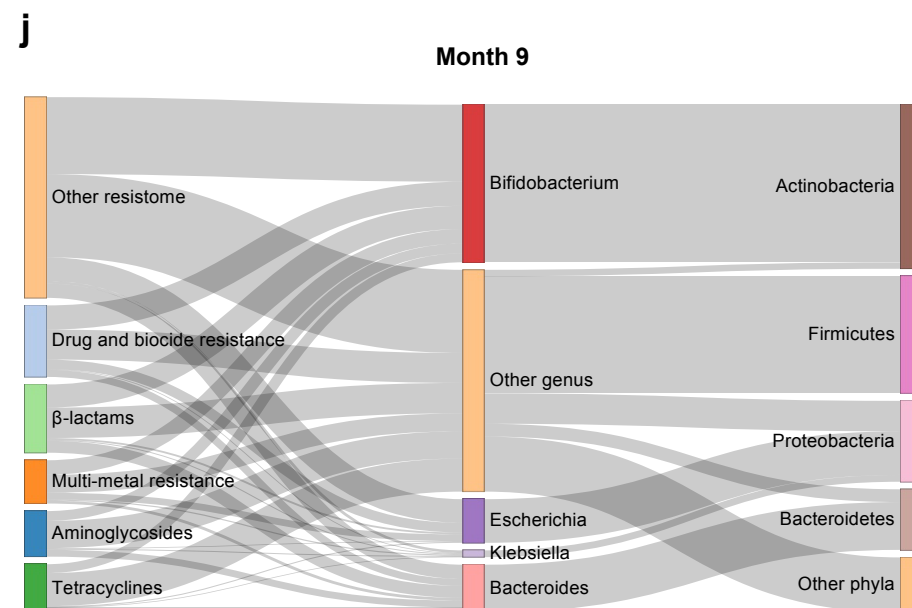
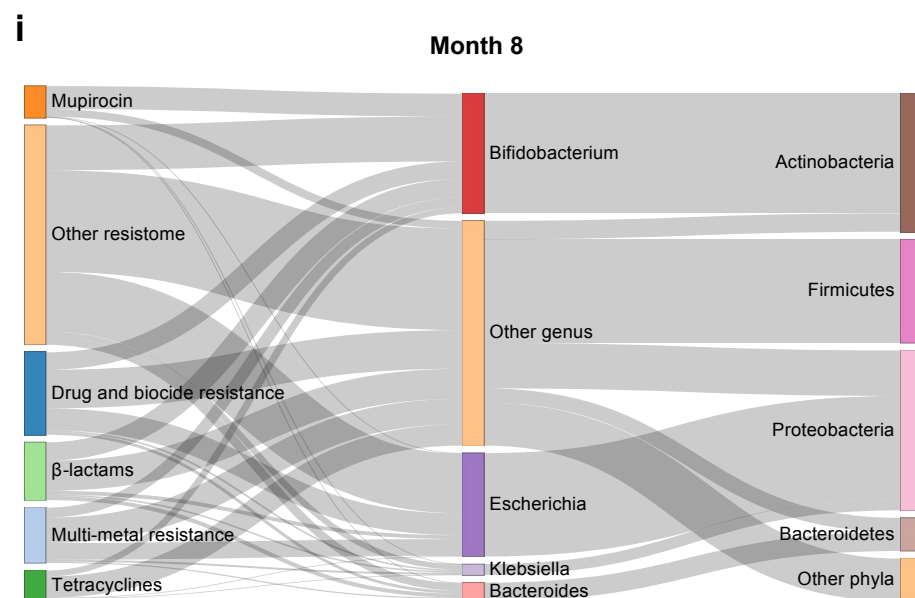
Month 6



h

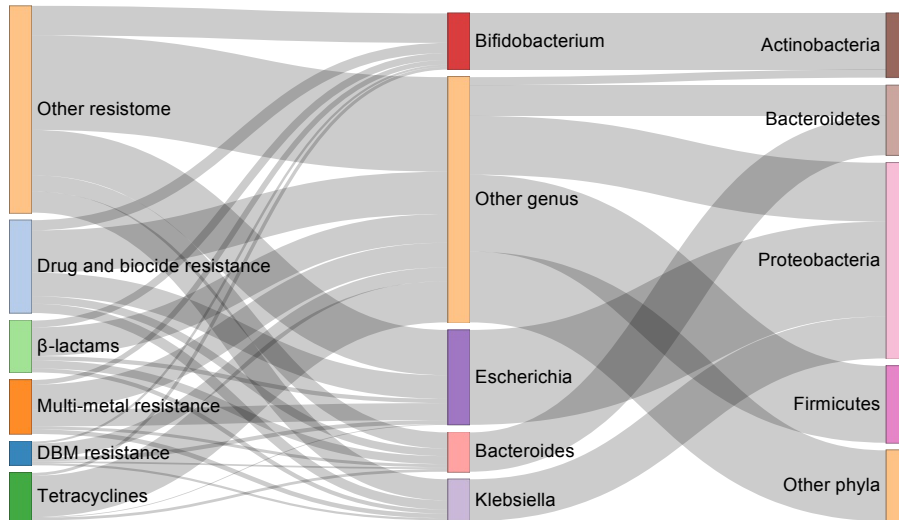
Month 7





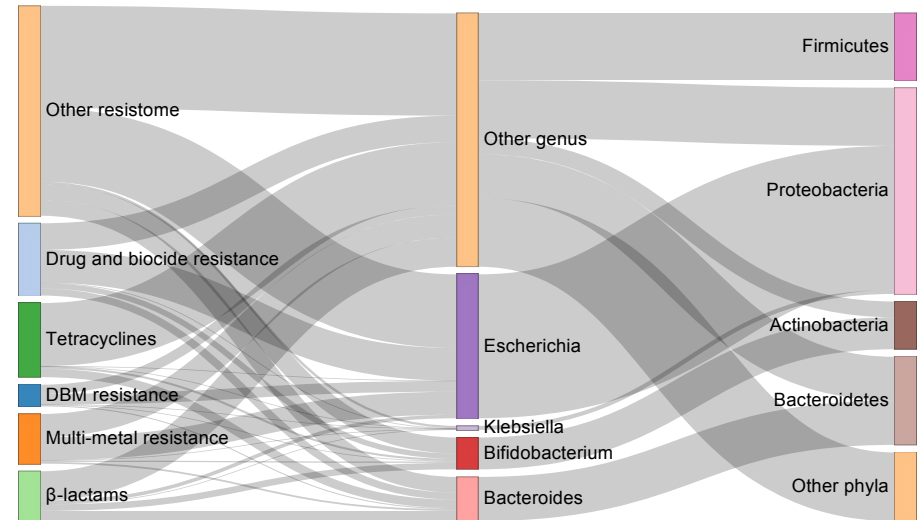
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Month 12



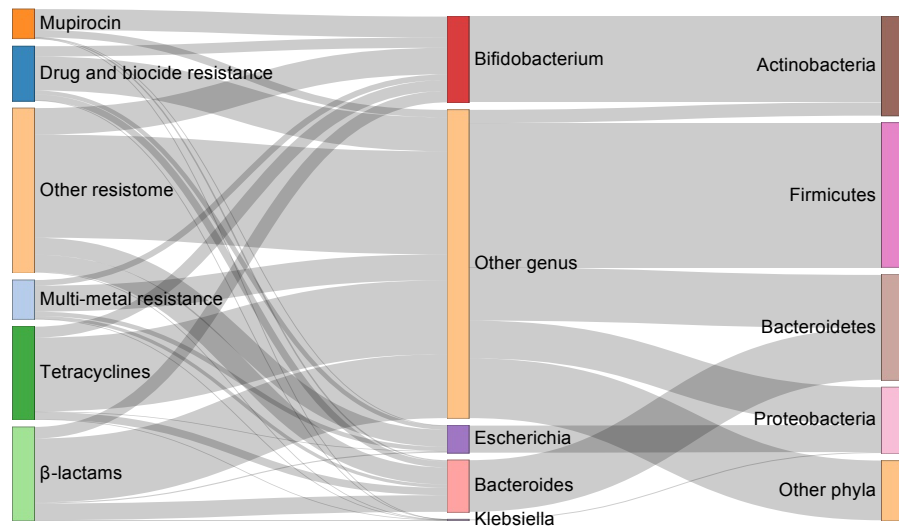
n

Month 13



o

Month 14



Supplementary Figure 3. Sankey diagram connecting resistance genes from month 0-14 at the antimicrobial compound class level (left) to the predicted bacterial hosts at the genus (middle) and phylum level (right). For better visualization, phyla and genus were respectively limited within top 4 phyla and top 4 genus carrying the most resistance (seen in Figure 3b, c), otherwise will be aggregated to other phyla or other genus. The resistance is filtered by the core resistance and top5 core resistome in each month was shown, otherwise would be aggregated into other resistome.