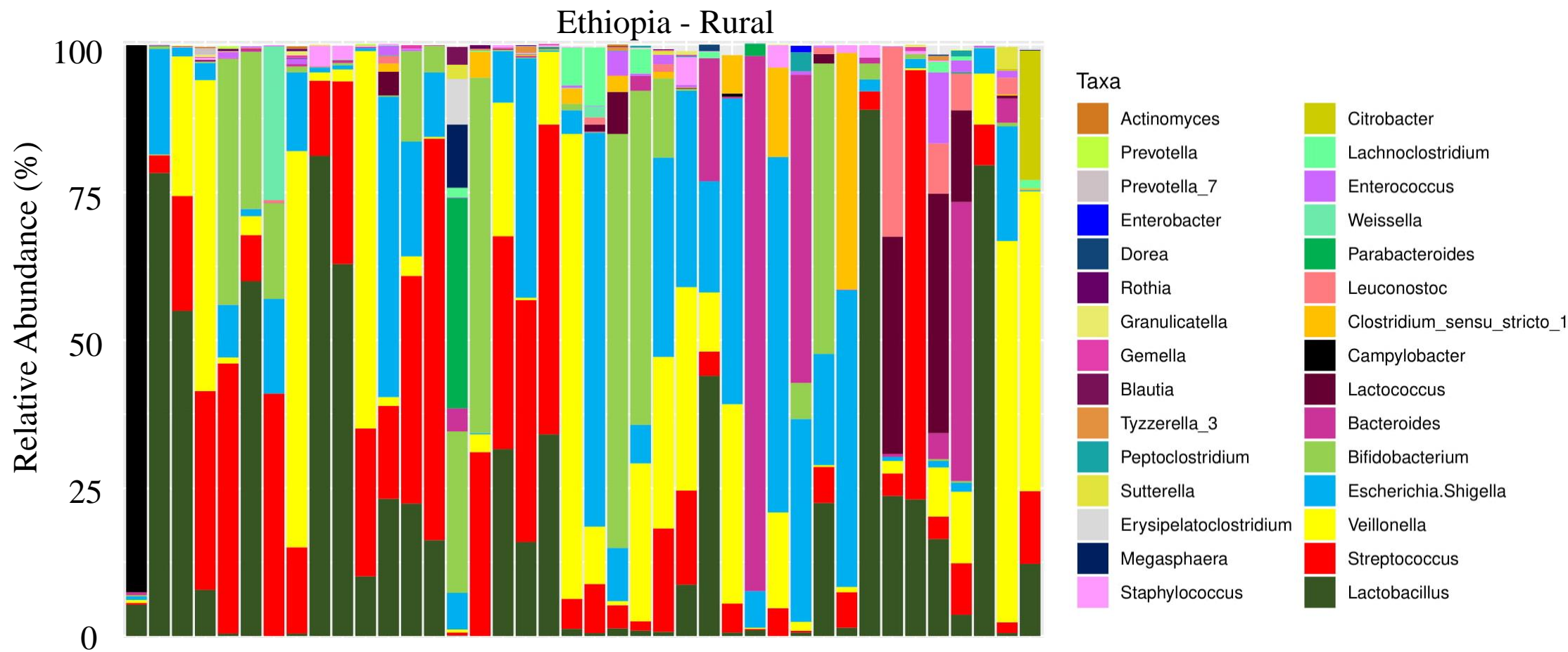
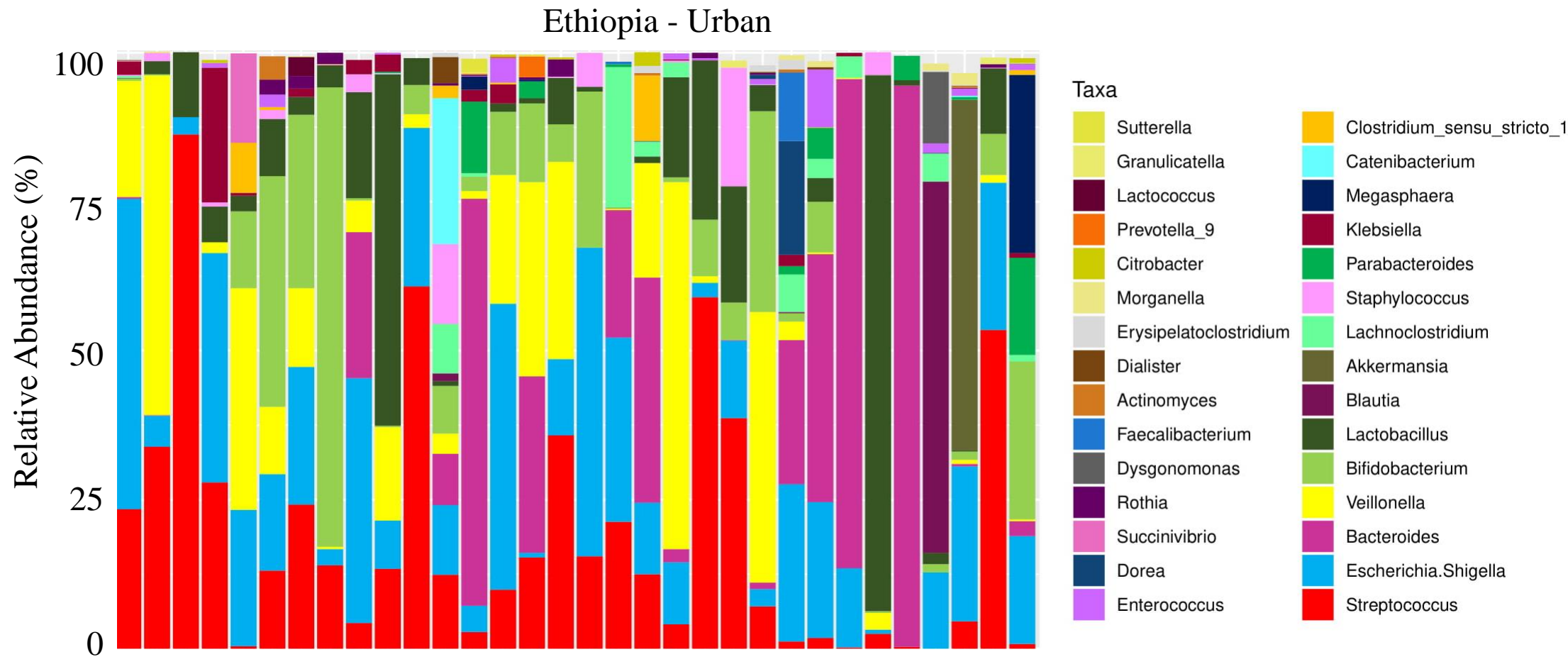


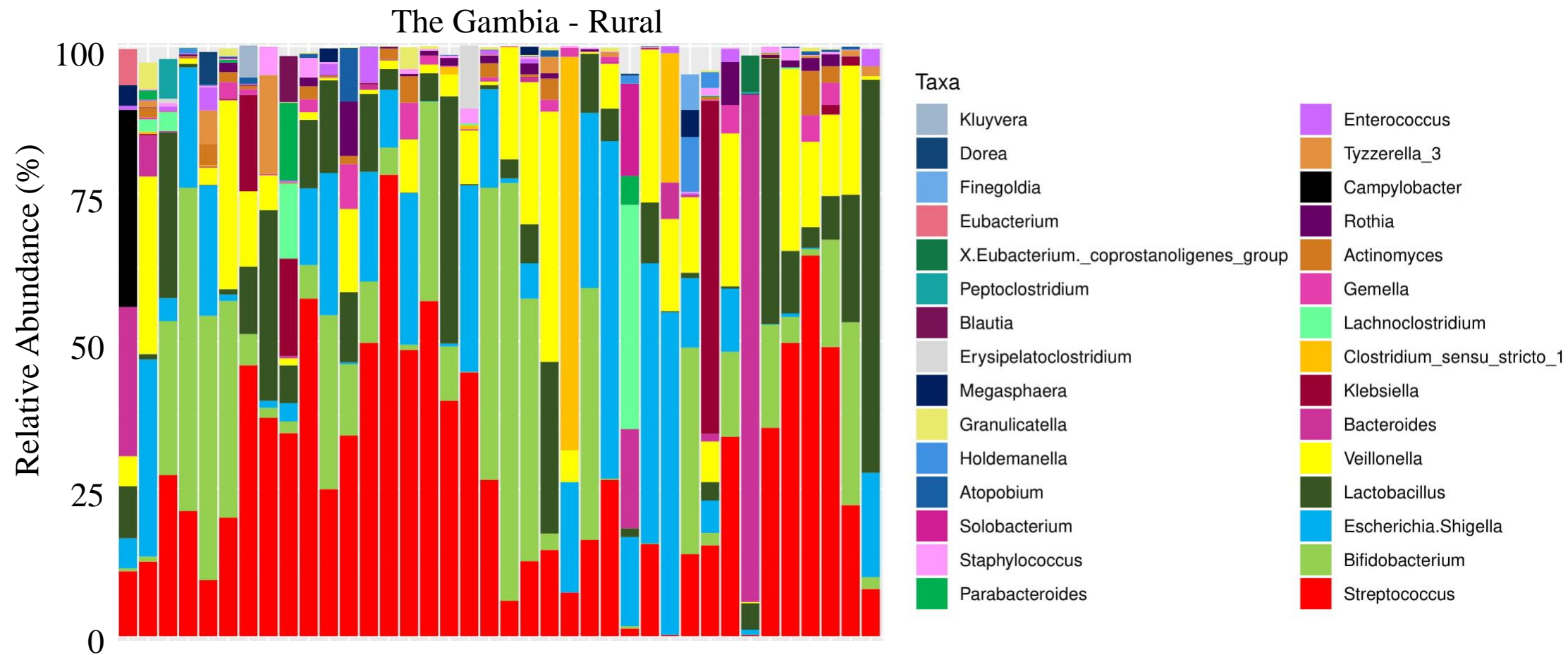
Supplementary Figure 1. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 40$) collected in rural Ethiopia. Each bar represents a single sample.



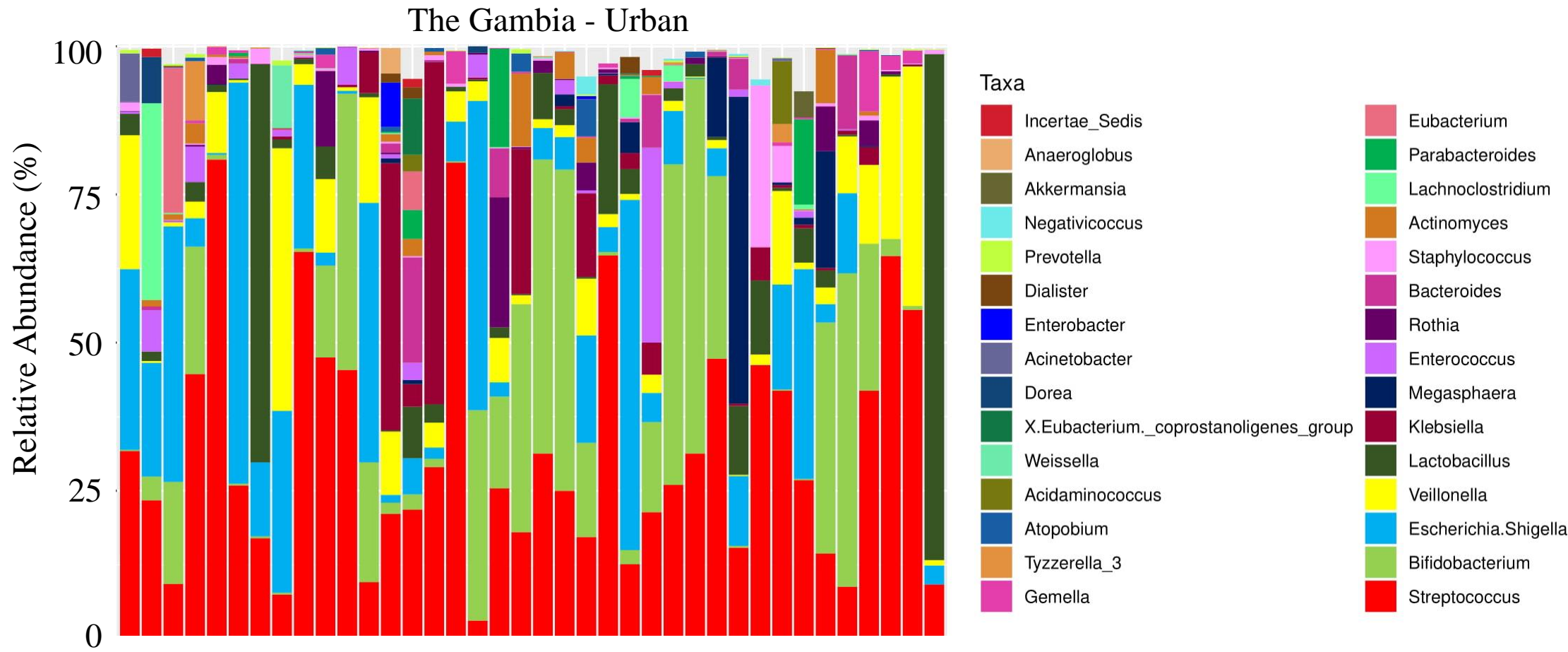
Supplementary Figure 2. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 32$) collected in urban Ethiopia. Each bar represents a single sample.



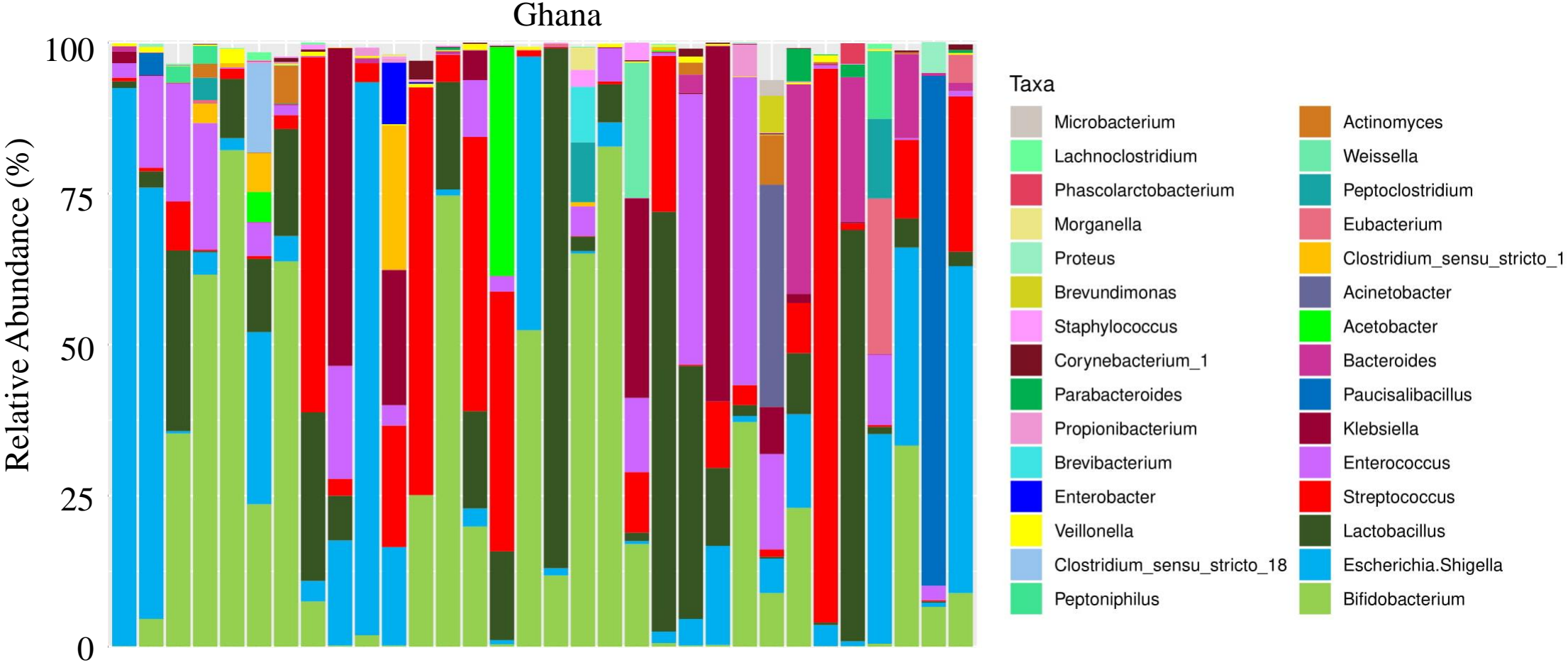
Supplementary Figure 3. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 38$) collected in rural Gambia. Each bar represents a single sample.



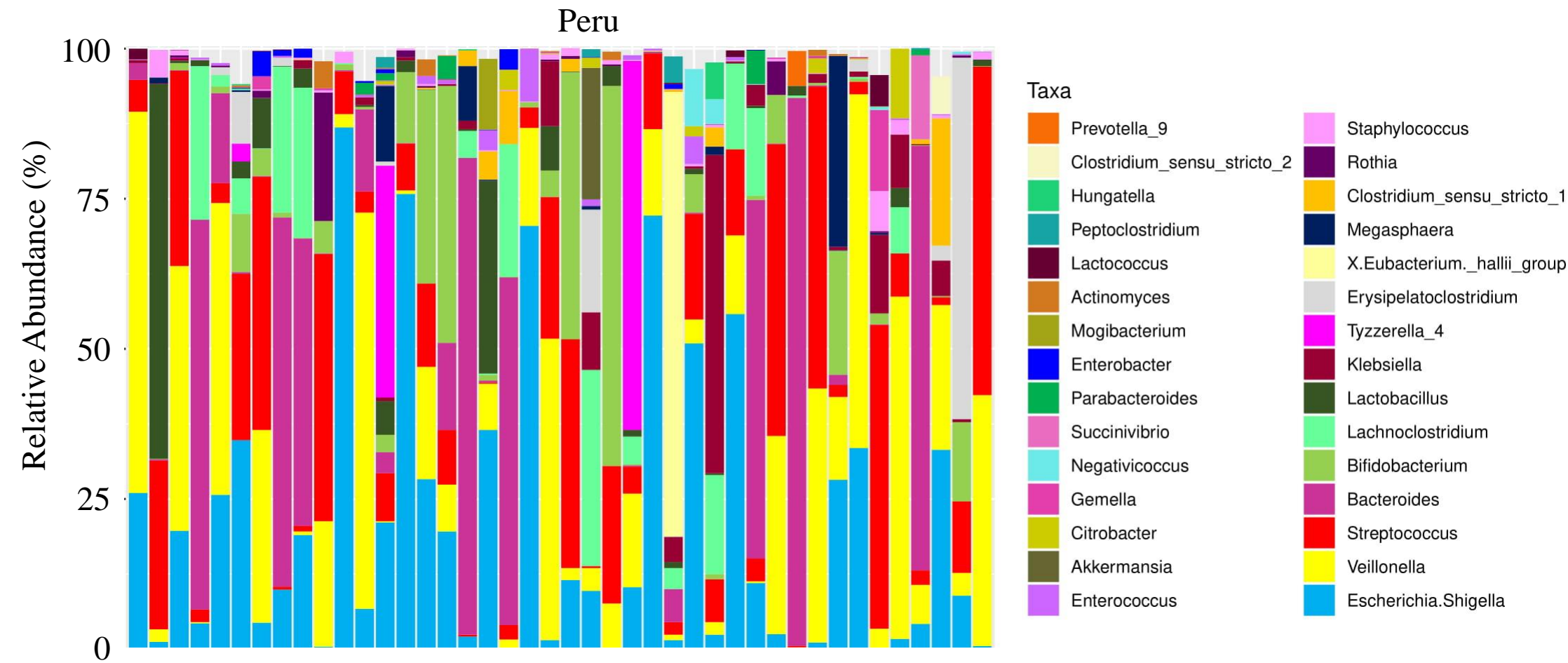
Supplementary Figure 4. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 38$) collected in urban Gambia. Each bar represents a single sample.



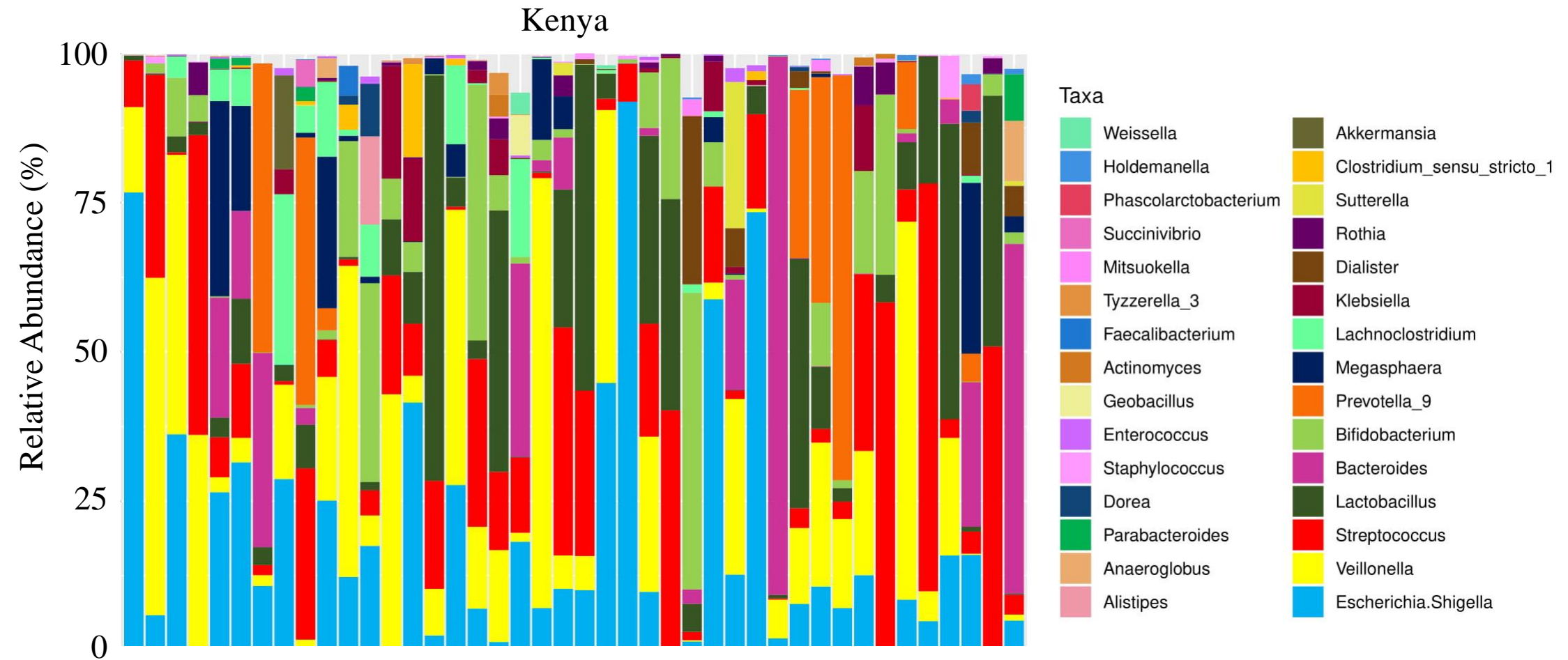
Supplementary Figure 5. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 32$) collected in Ghana. Each bar represents a single sample.



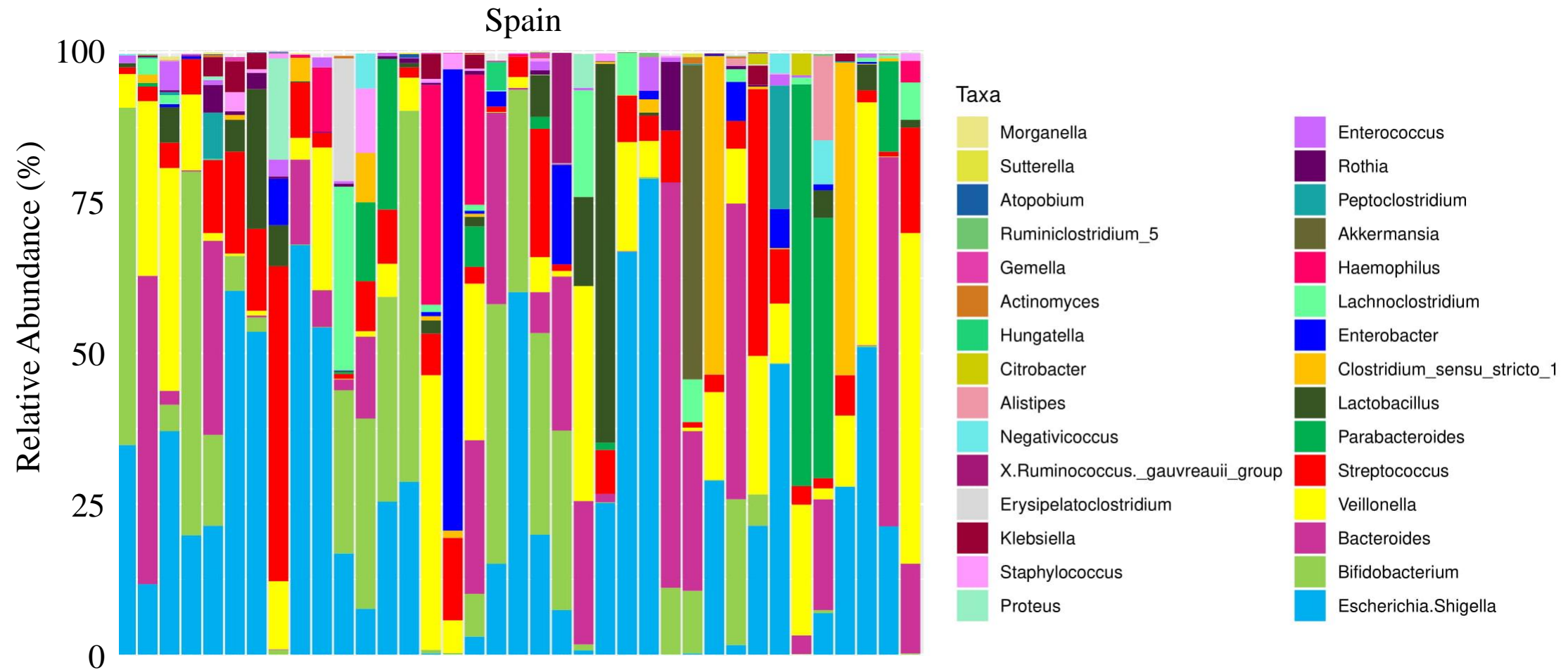
Supplementary Figure 6. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 42$) collected in Peru. Each bar represents a single sample.



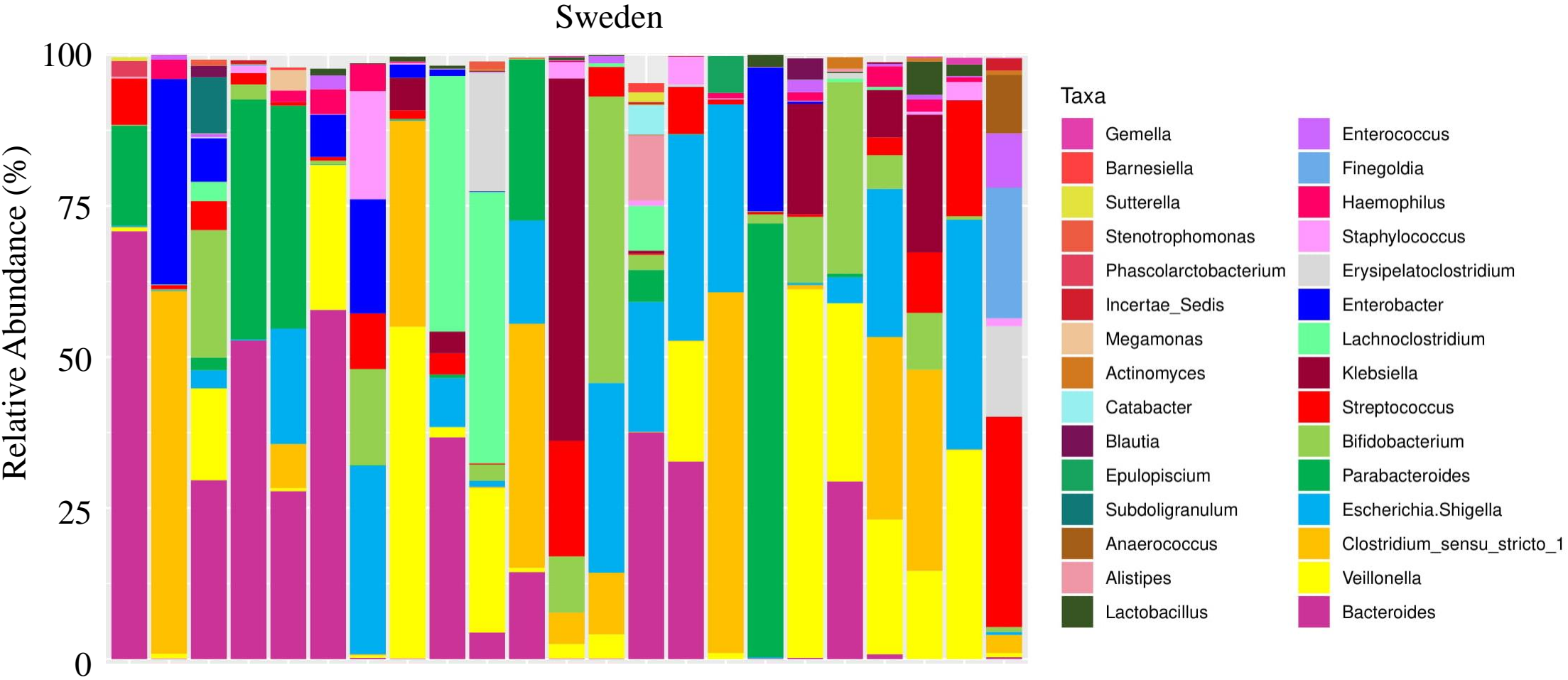
Supplementary Figure 7. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 42$) collected in Kenya. Each bar represents a single sample.



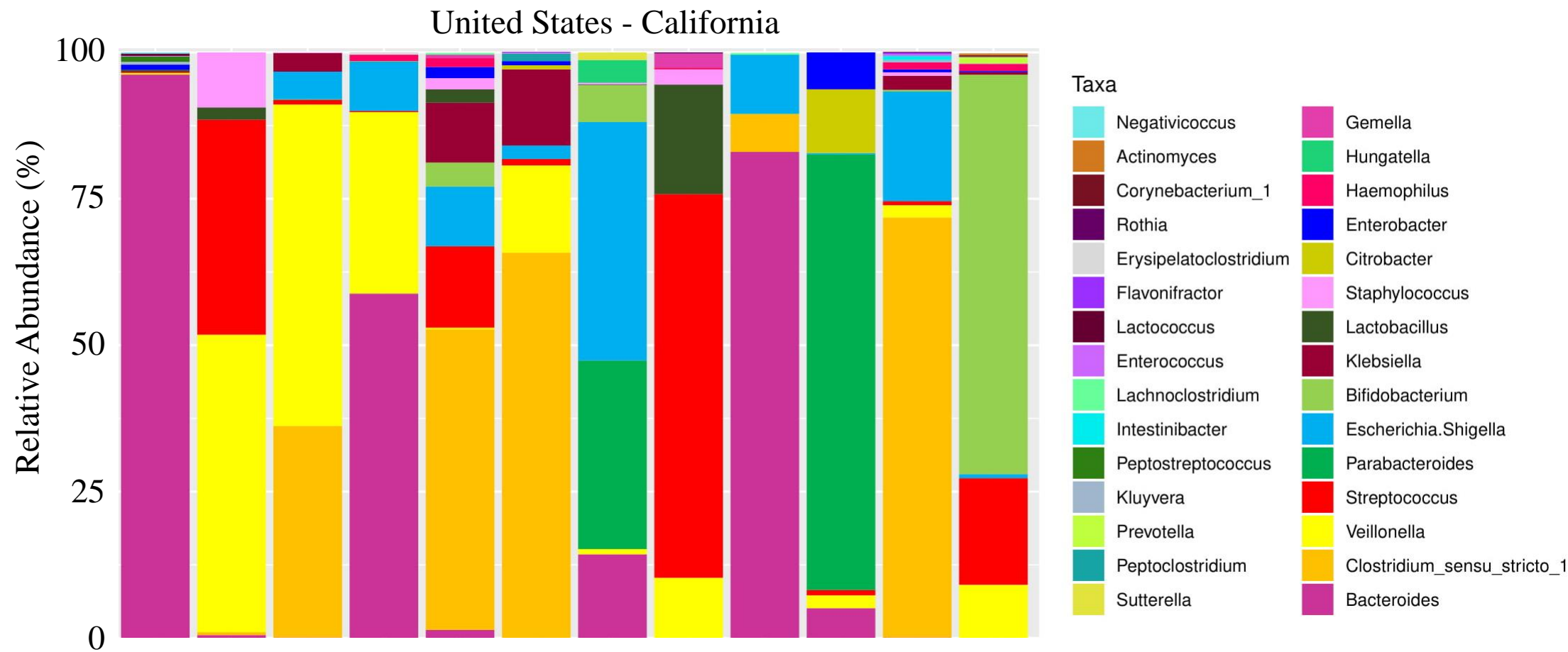
Supplementary Figure 8. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 37$) collected in Spain. Each bar represents a single sample.



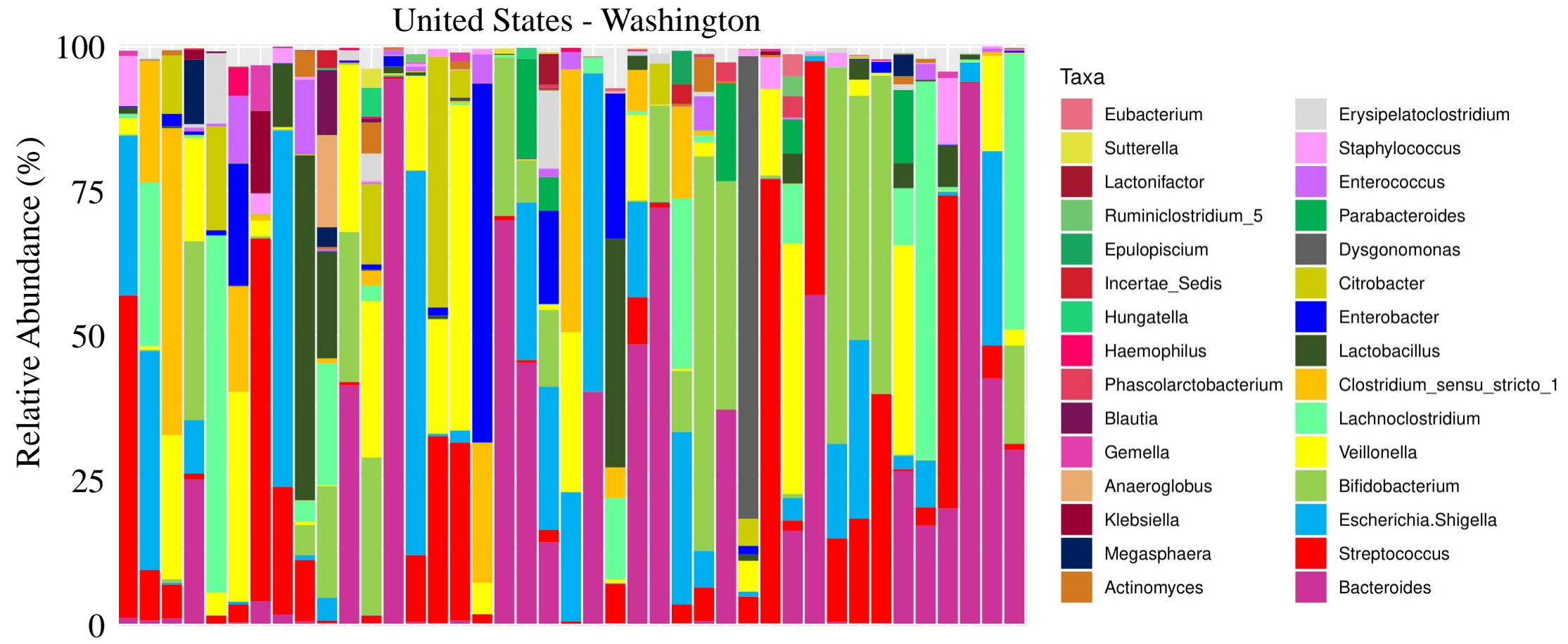
Supplementary Figure 9. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 23$) collected in Sweden. Each bar represents a single sample.



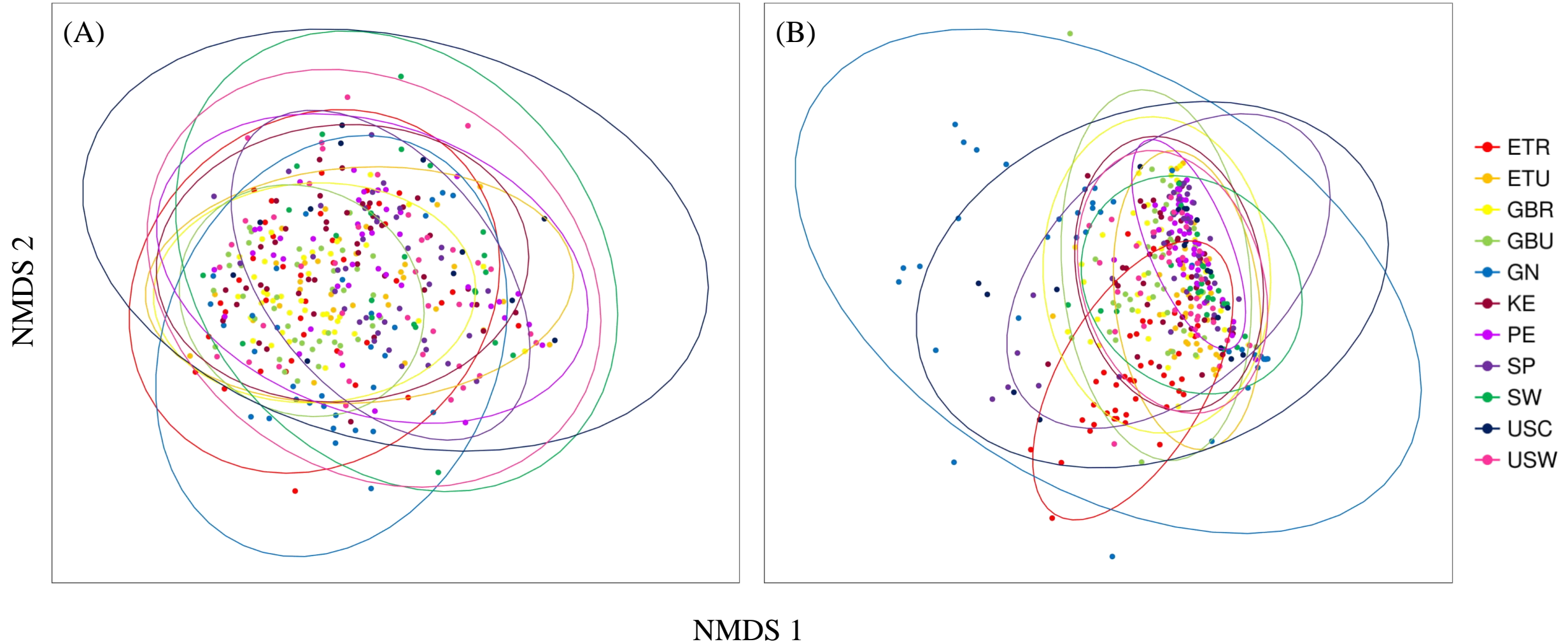
Supplementary Figure 10. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 12$) collected in US California. Each bar represents a single sample.



Supplementary Figure 11. Relative abundance of the 30 most-abundant genera in infant fecal samples ($n = 41$) collected in US Washington. Each bar represents a single sample.

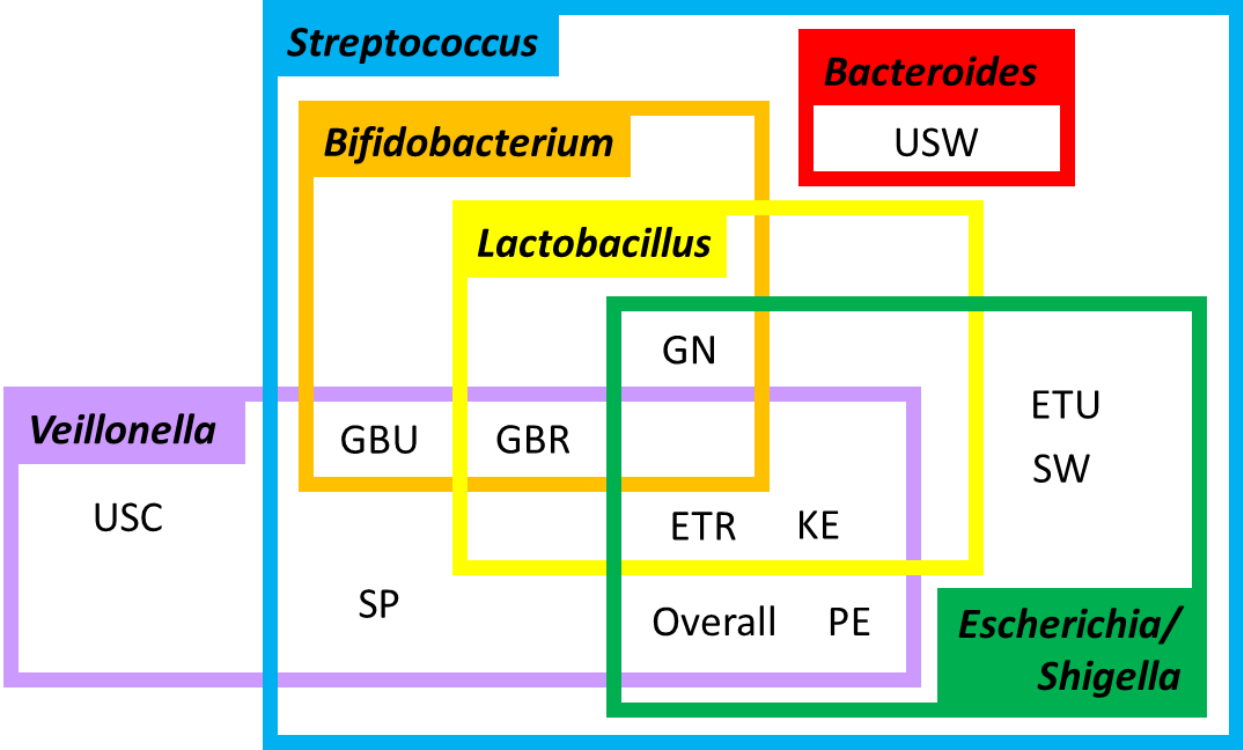


Supplementary Figure 12. Non-metric multidimensional scaling (NMDS) plot visualizing the Bray-Curtis distance by cohort for infant feces (A) and milk (B). Ellipses represent 95% confidence intervals for each cohort.

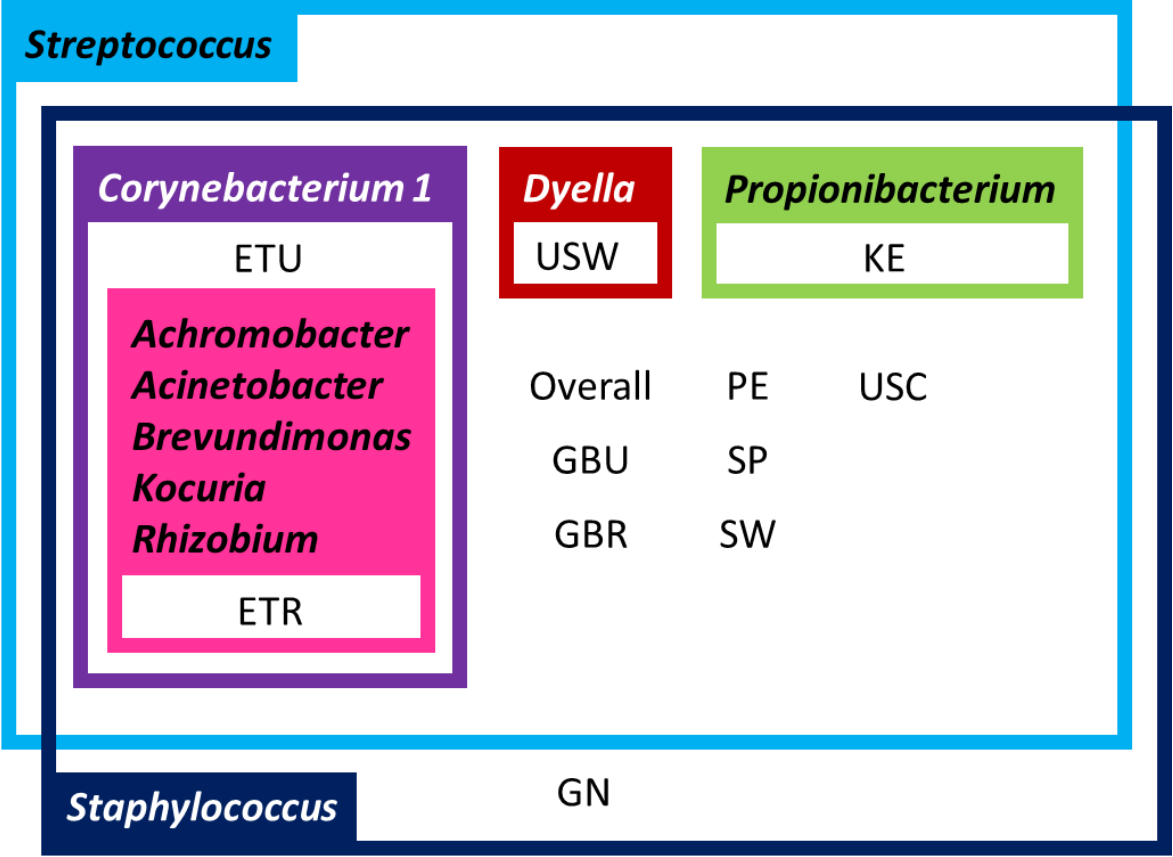


Supplementary Figure 13. Venn diagram showing genera present in at least 90% of samples (core taxa) for each cohort and the overall dataset (“overall”; $n = 377$ for infant feces, $n = 394$ for milk). Abbreviations: ETU, urban Ethiopia; ETR, rural Ethiopia; GBU, urban Gambia; GBR, rural Gambia; GN, Ghana; KE, Kenya; SP, Spain; SW, Sweden; PE, Peru; California (United States), USC; Washington (United States), USW.

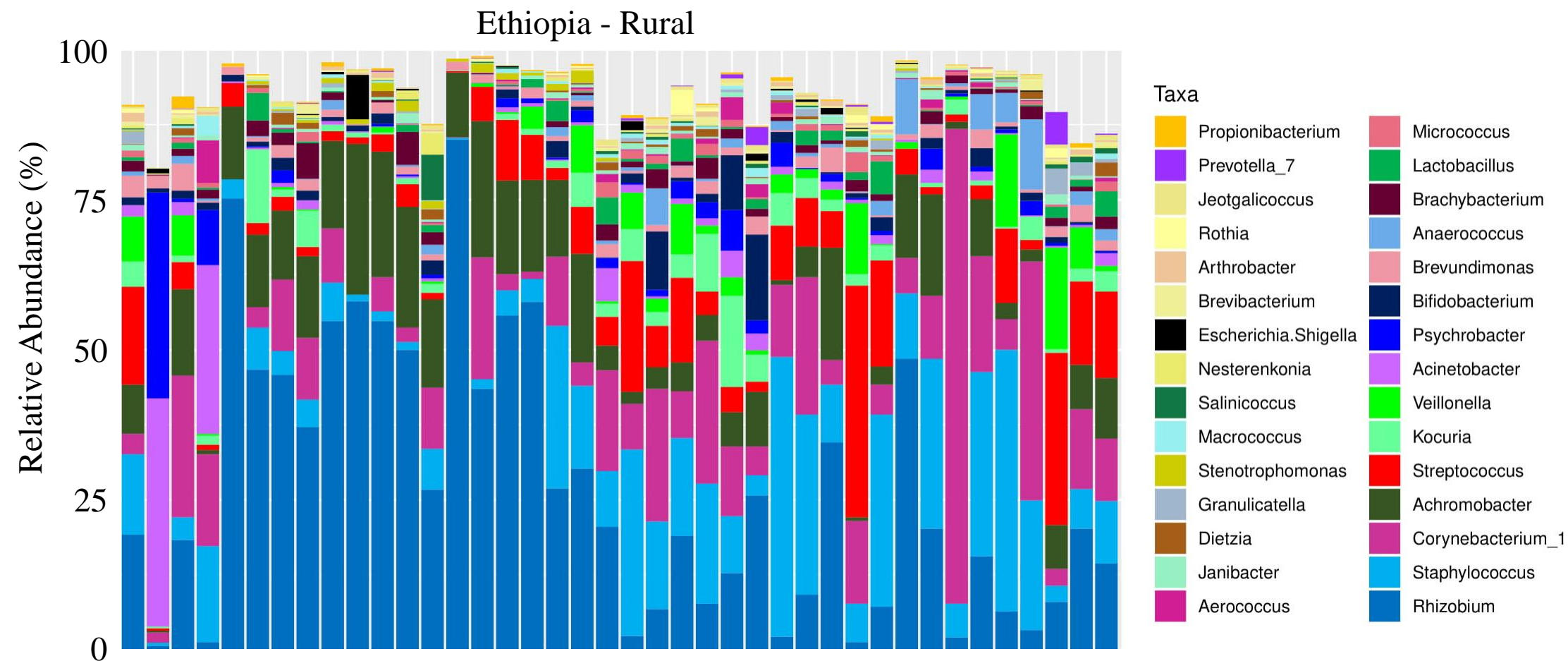
Infant Feces



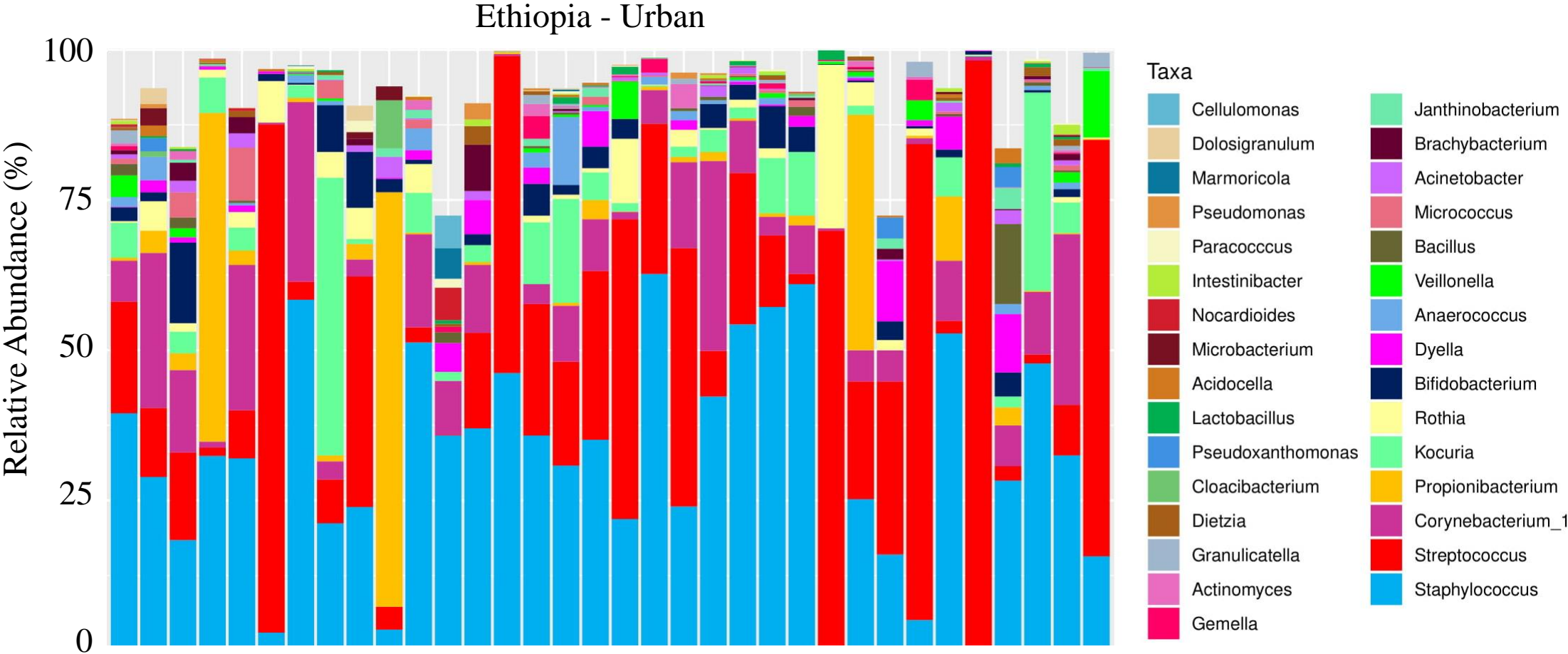
Milk



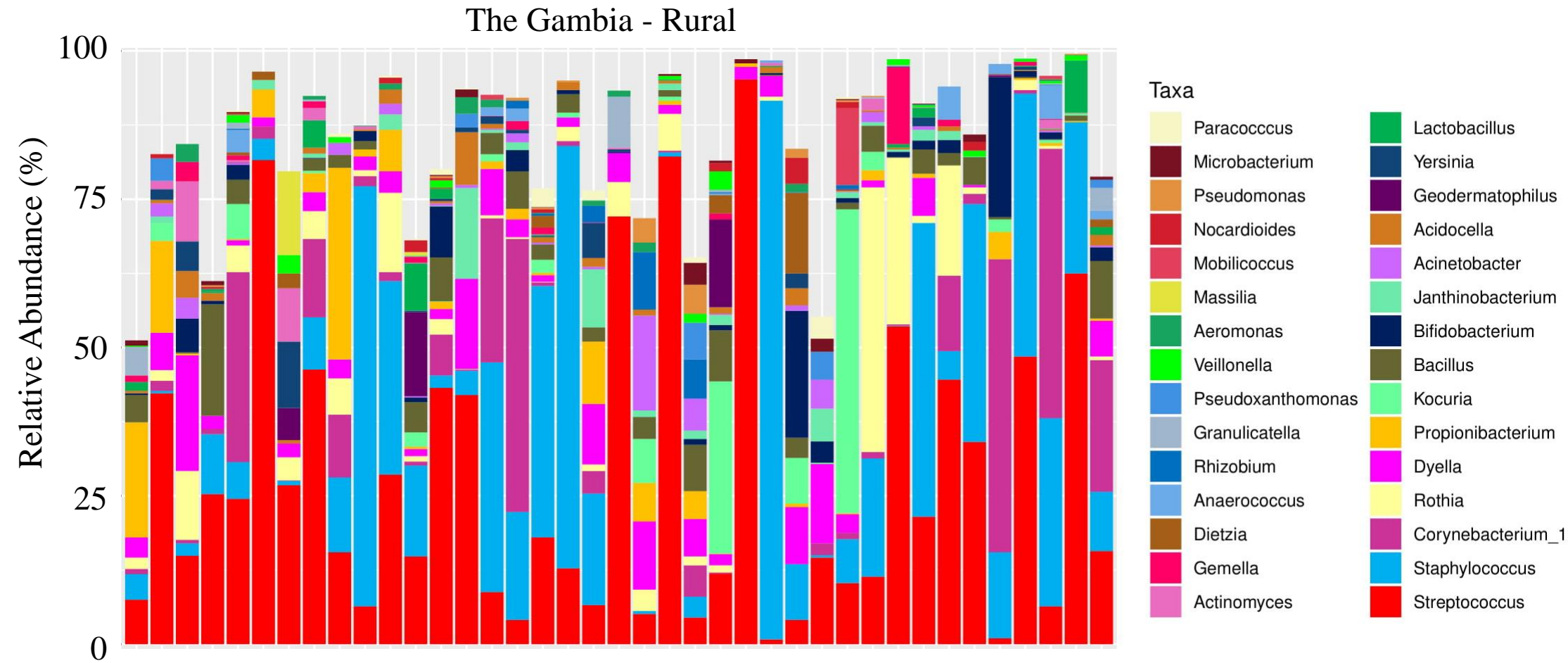
Supplementary Figure 14. Relative abundance of the 30 most-abundant genera in milk samples ($n = 40$) collected in rural Ethiopia. Each bar represents a single sample.



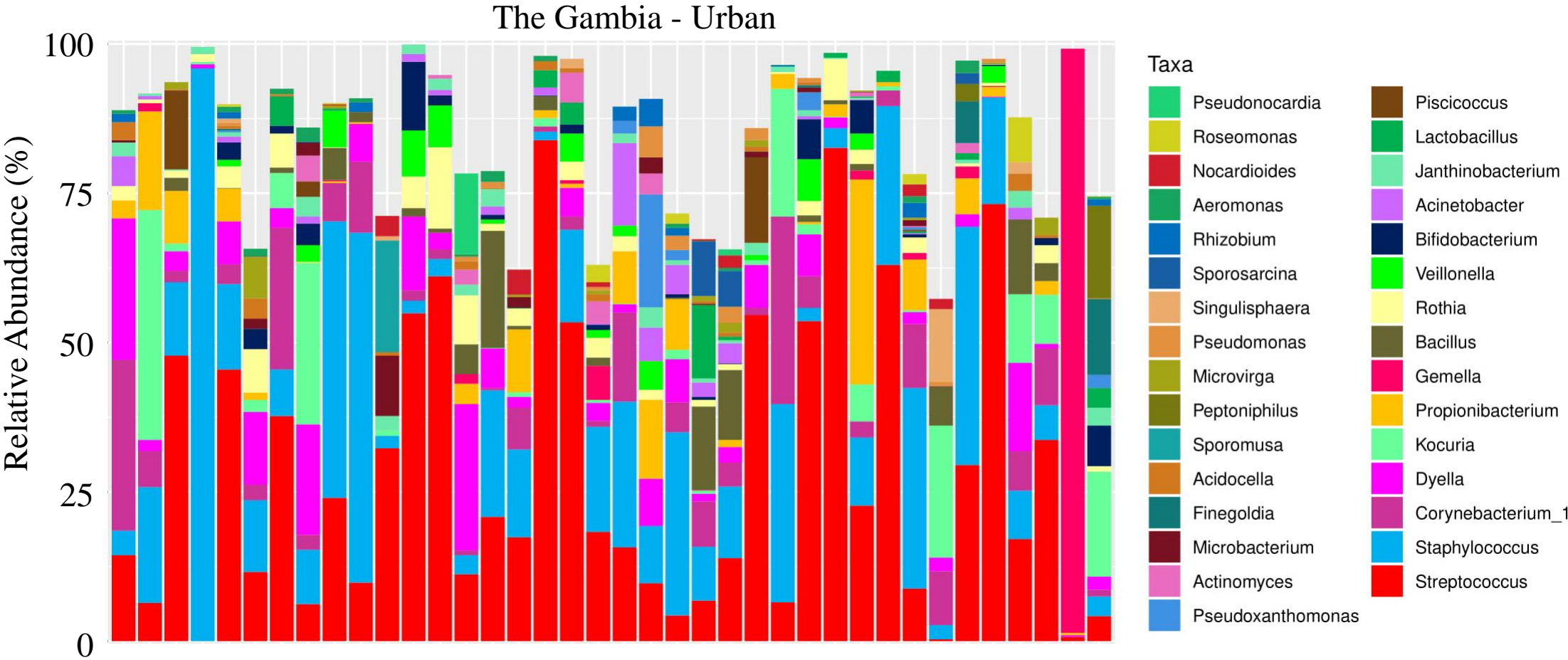
Supplementary Figure 15. Relative abundance of the 30 most-abundant genera in milk samples ($n = 34$) collected in urban Ethiopia. Each bar represents a single sample.



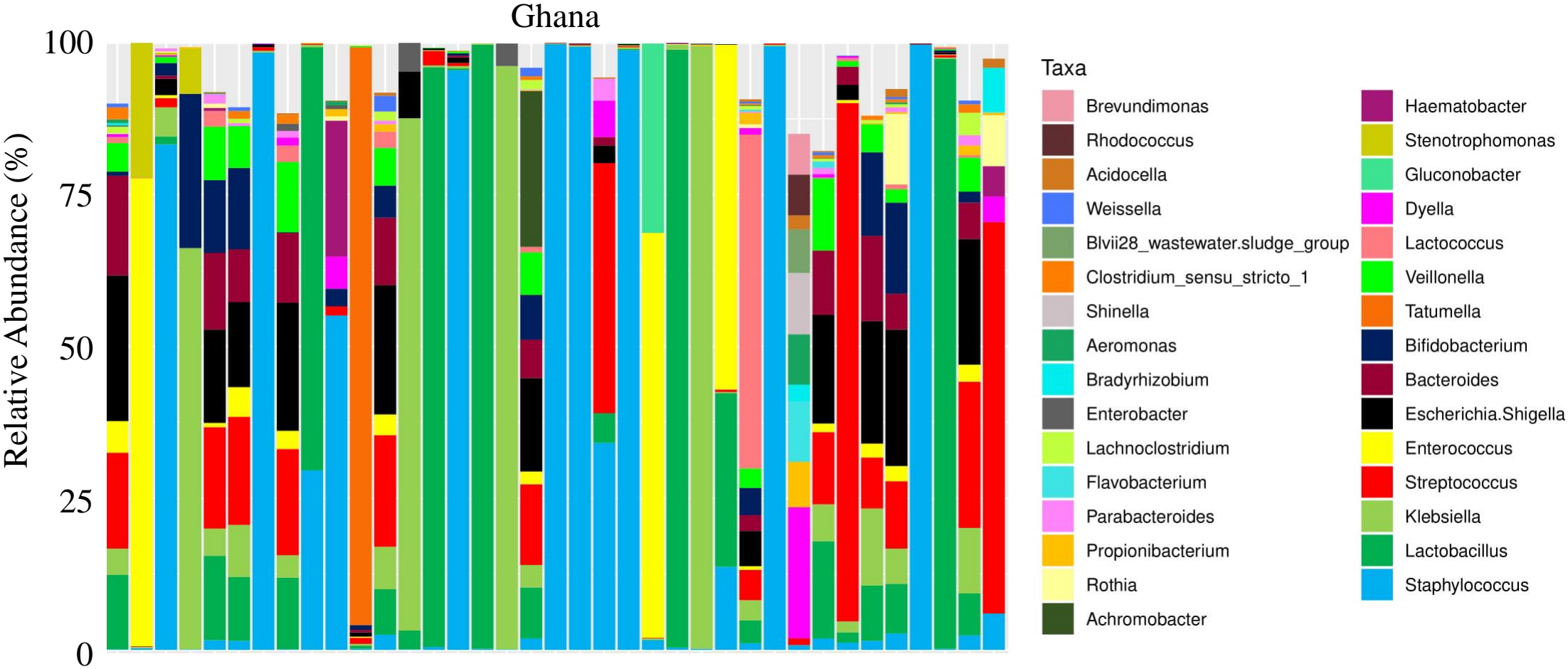
Supplementary Figure 16. Relative abundance of the 30 most-abundant genera in milk samples ($n = 39$) collected in rural Gambia. Each bar represents a single sample.



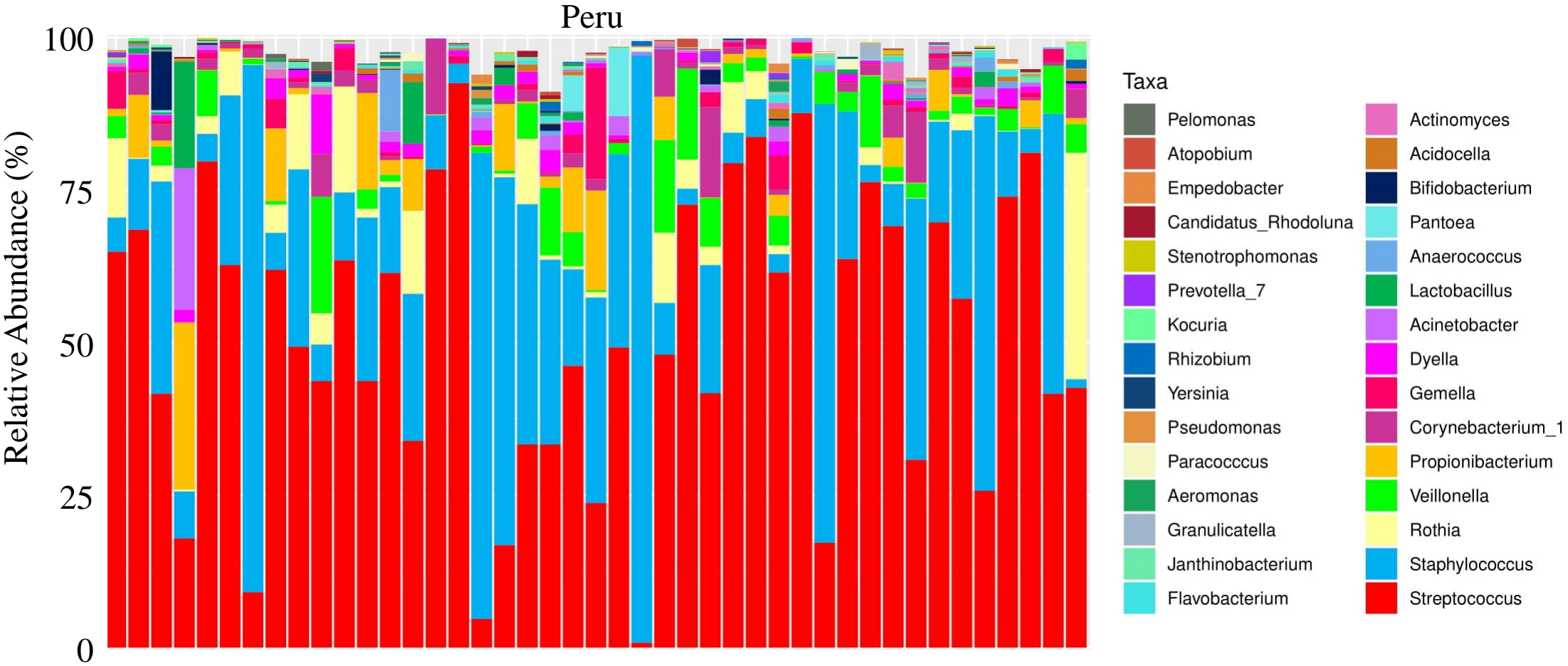
Supplementary Figure 17. Relative abundance of the 30 most-abundant genera in milk samples ($n = 38$) collected in urban Gambia. Each bar represents a single sample.



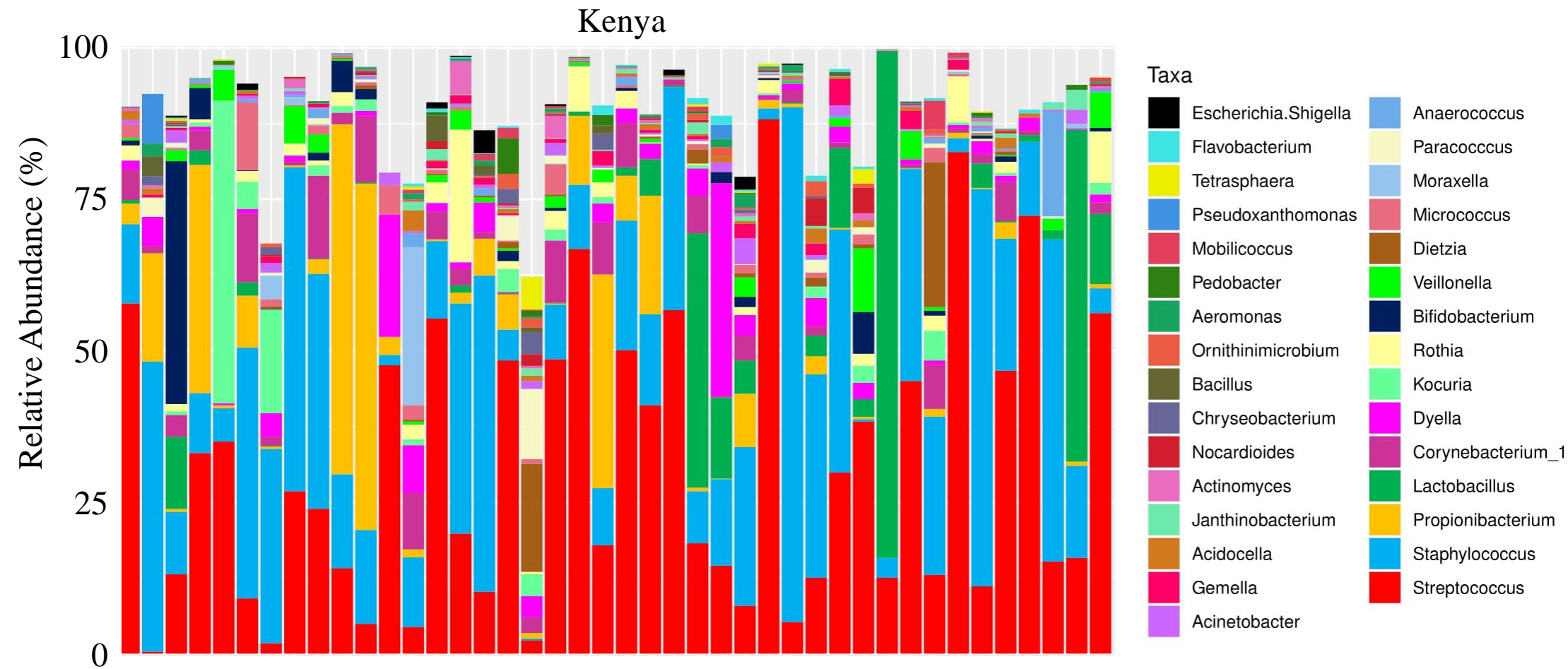
Supplementary Figure 18. Relative abundance of the 30 most-abundant genera in milk samples ($n = 37$) collected in Ghana. Each bar represents a single sample.



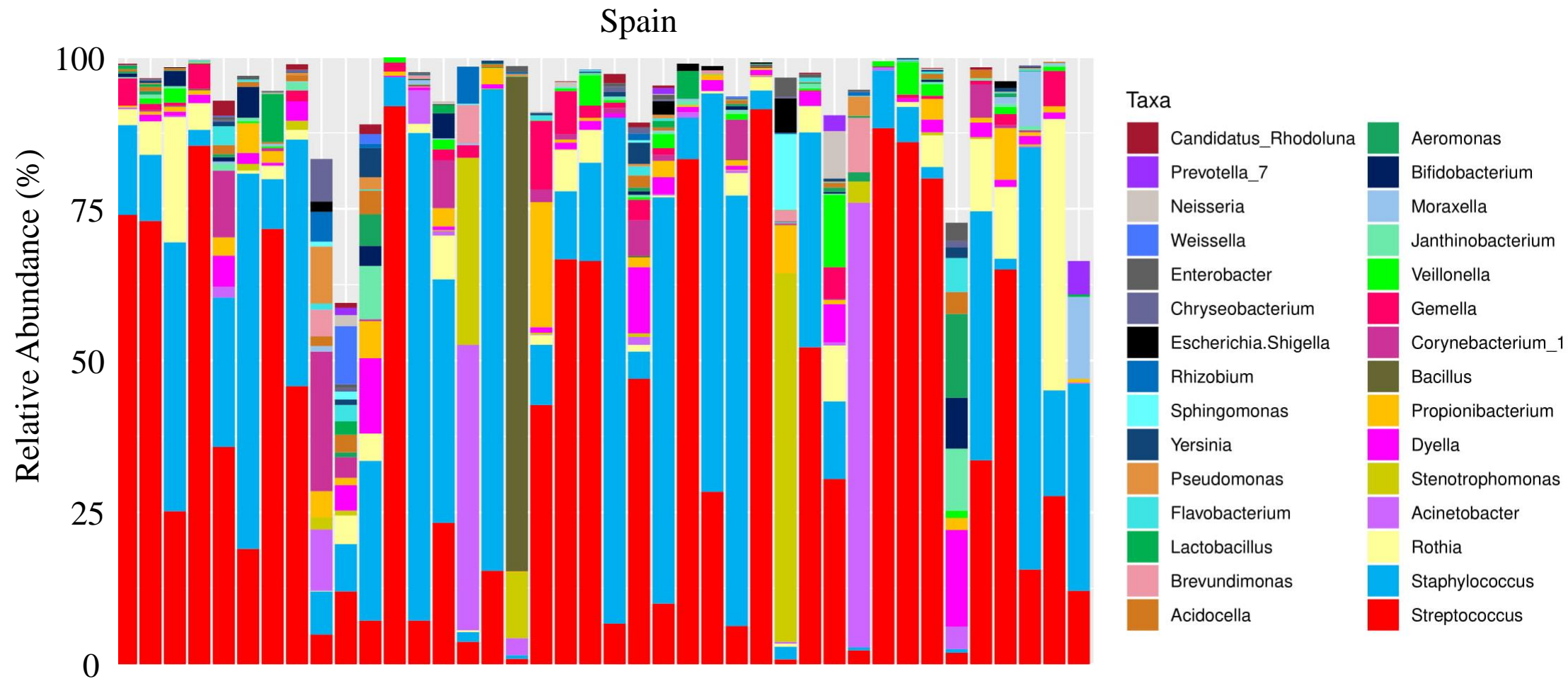
Supplementary Figure 19. Relative abundance of the 30 most-abundant genera in milk samples ($n = 43$) collected in Peru. Each bar represents a single sample.



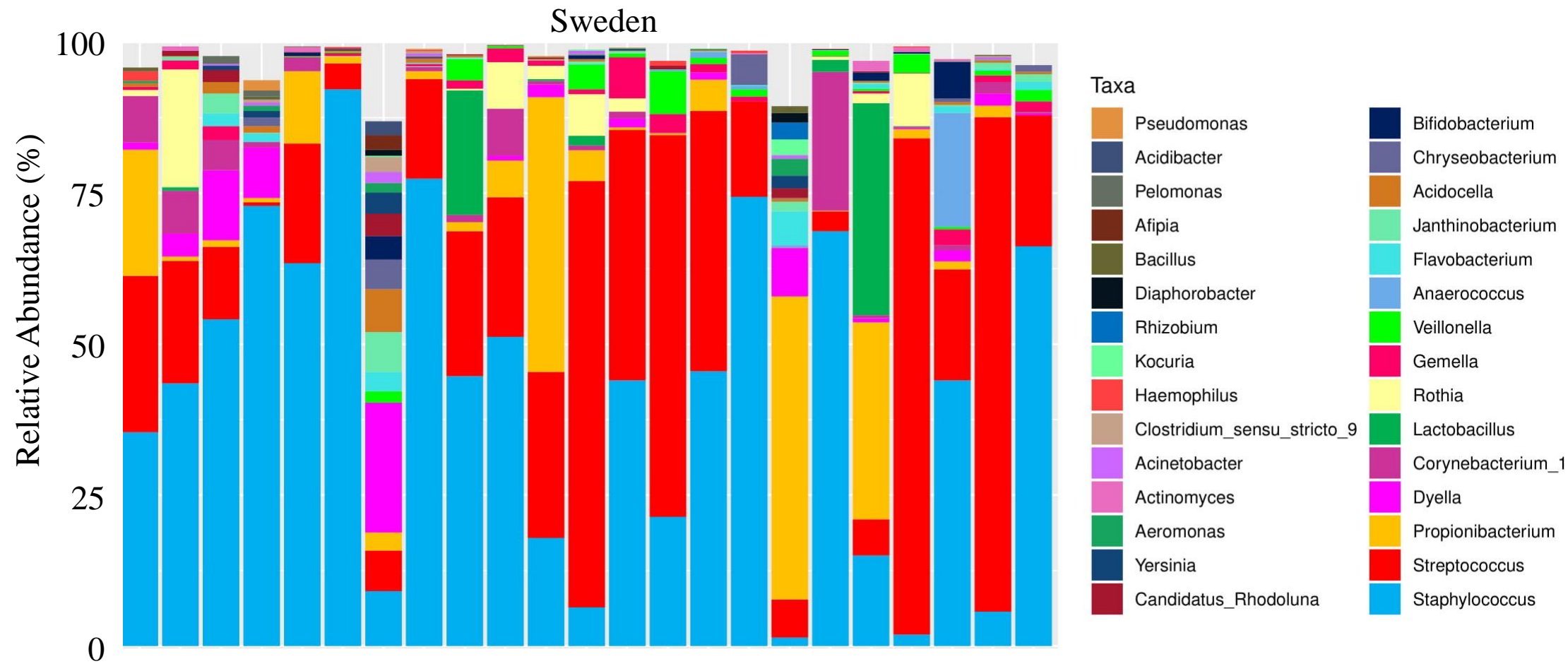
Supplementary Figure 20. Relative abundance of the 30 most-abundant genera in milk samples ($n = 42$) collected in Kenya. Each bar represents a single sample.



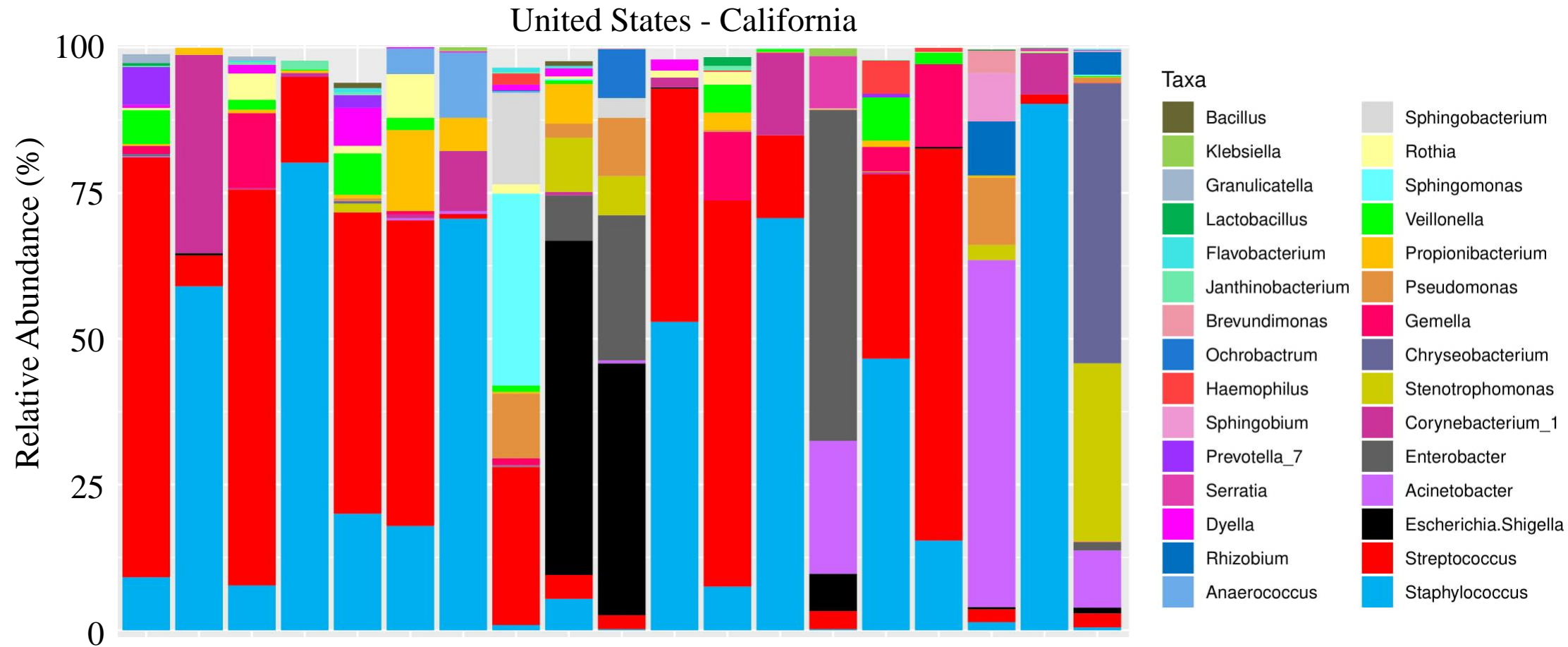
Supplementary Figure 21. Relative abundance of the 30 most-abundant genera in milk samples ($n = 40$) collected in Spain. Each bar represents a single sample.



Supplementary Figure 22. Relative abundance of the 30 most-abundant genera in milk samples ($n = 23$) collected in Sweden. Each bar represents a single sample.



Supplementary Figure 23. Relative abundance of the 30 most-abundant genera in milk samples ($n = 19$) collected in US California. Each bar represents a single sample.



Supplementary Figure 24. Relative abundance of the 30 most-abundant genera in milk samples ($n = 39$) collected in US Washington. Each bar represents a single sample.

