

Electronic Supplementary Material (ESI) for Food & Function.
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SUPPLEMENTARY INFORMATION

Lactoferrin modulates gut microbiota and Toll-like receptors (TLRs) in mice with dysbiosis induced by antibiotics

Andrea Bellés,^{a,c} Diego Aguirre-Ramírez,^a Inés Abad,^{b,c} Marcos Parras,^{e,f,g} Lourdes Sánchez^{b,c} and Laura Grasa^{*a,c,d}

^a *Universidad de Zaragoza. Facultad de Veterinaria. Departamento de Farmacología, Fisiología y Medicina Legal y Forense. Zaragoza, Spain. E-mail: lgralo@unizar.es*

^b *Universidad de Zaragoza. Facultad de Veterinaria. Departamento de Producción Animal y Tecnología de los Alimentos. Zaragoza, Spain.*

^c *Instituto Agroalimentario de Aragón IA2 (UNIZAR-CITA), Zaragoza, Spain.*

^d *Instituto de Investigación Sanitaria de Aragón (IIS Aragón). Zaragoza, Spain*

^e *Department of Mathematical Sciences. Chalmers University of Technology and University of Gothenburg. Gothenburg, Sweden.*

^f *Centre for Antibiotic Resistance Research (CARE), University of Gothenburg. Gothenburg, Sweden.*

^g *Igenomix Foundation/INCLIVA Biomedical Research Institute.*

*Corresponding author

Dr. Laura Grasa e-mail: lgralo@unizar.es

Facultad de Veterinaria. Universidad de Zaragoza. C/ Miguel Servet, 177. 50013 Zaragoza, Spain.

3.2. Bacterial composition

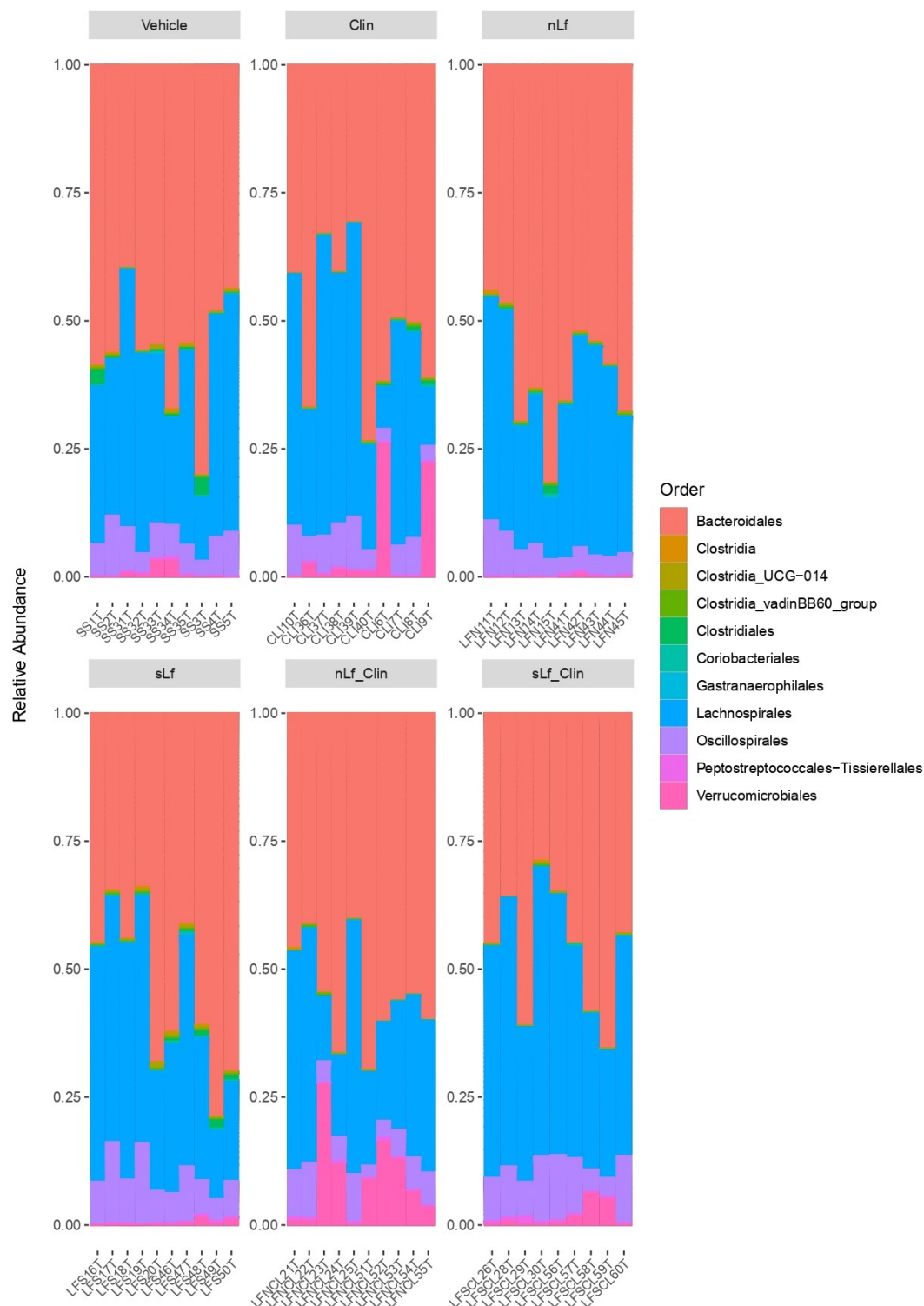


Figura S2. Bacterial relative abundances at order level in each sample of vehicle (Control, labeled with SS), clin (labeled with CLI), nLf (labeled with LFN), sLf (labeled with LFS), nLf_Clin (labeled with LFNCL) and sLf_Clin (labeled with LFSCl) groups.

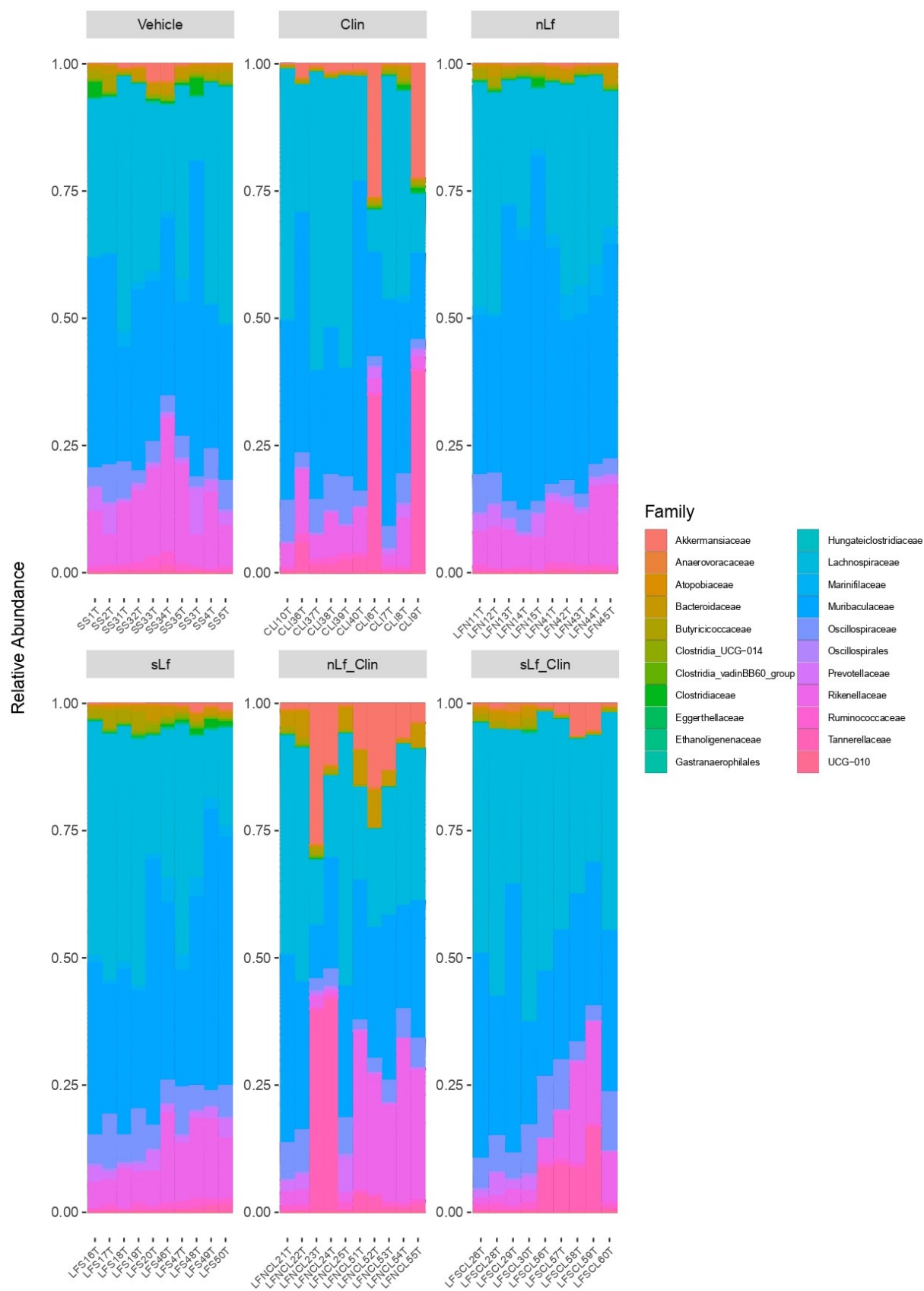


Figure S3. Bacterial relative abundances at family level in each sample of vehicle (Control, labeled with SS), clin (labeled with CLI), nLf (labeled with LFN), sLf (labeled with LFS), nLf_Clin (labeled with LFNCL) and sLf_Clin (labeled with LFSCL) groups.

3.3. Alpha and Beta diversity

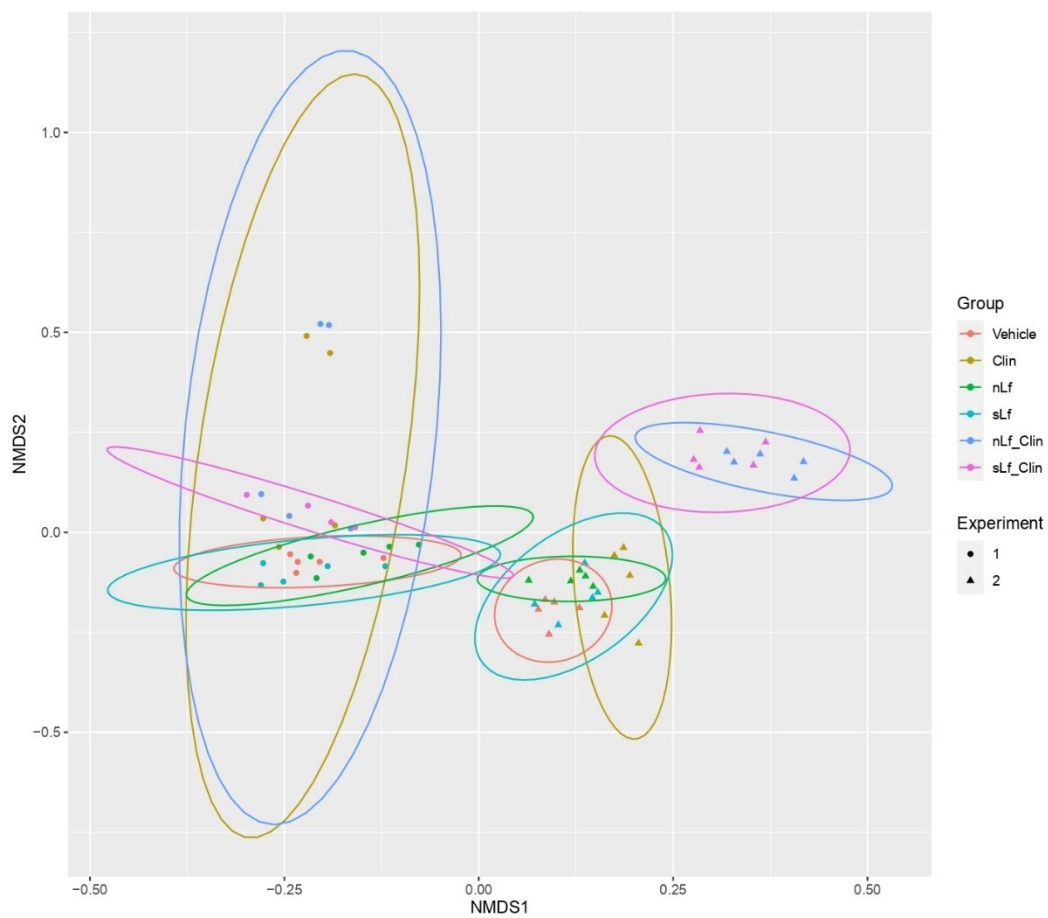


Figure S4. NMDS showing the Bray-Curtis distances between the different microbial populations of the groups Vehicle (Control), Clin, nLf, sLf, nLf_Clin and sLf_Clin in Experiment 1 and Experiment 2.

3.7. Histopathological analysis

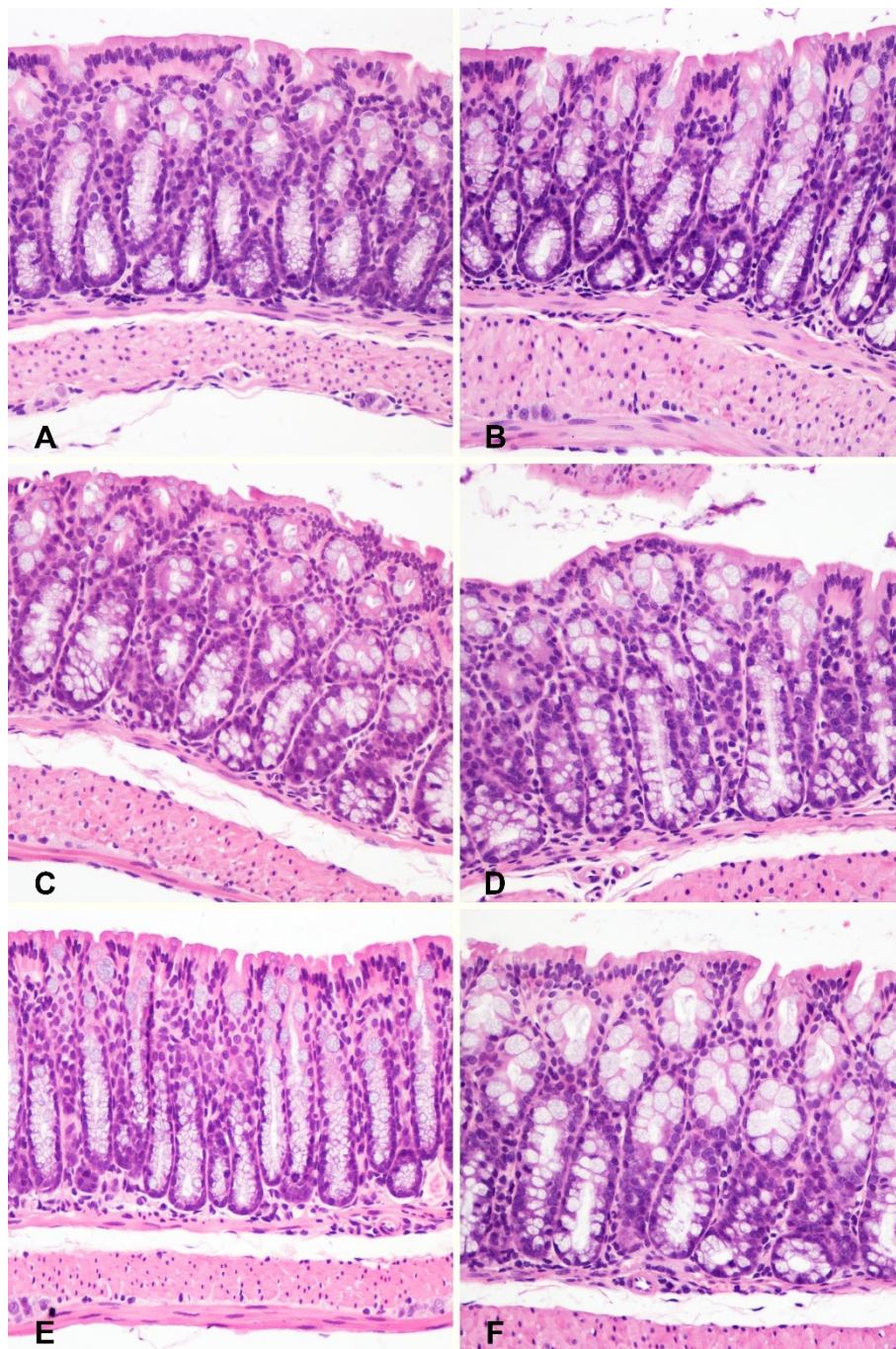


Figure S5. Histopathological images of colon sections corresponding to mice from the six experimental groups. A: Vehicle (Control), B: Clin, C: nLf, D: sLf, E: nLf_Clin, F: sLf_Clin. Representative sections from six different animals. Hematoxylin eosin stain, 400x.