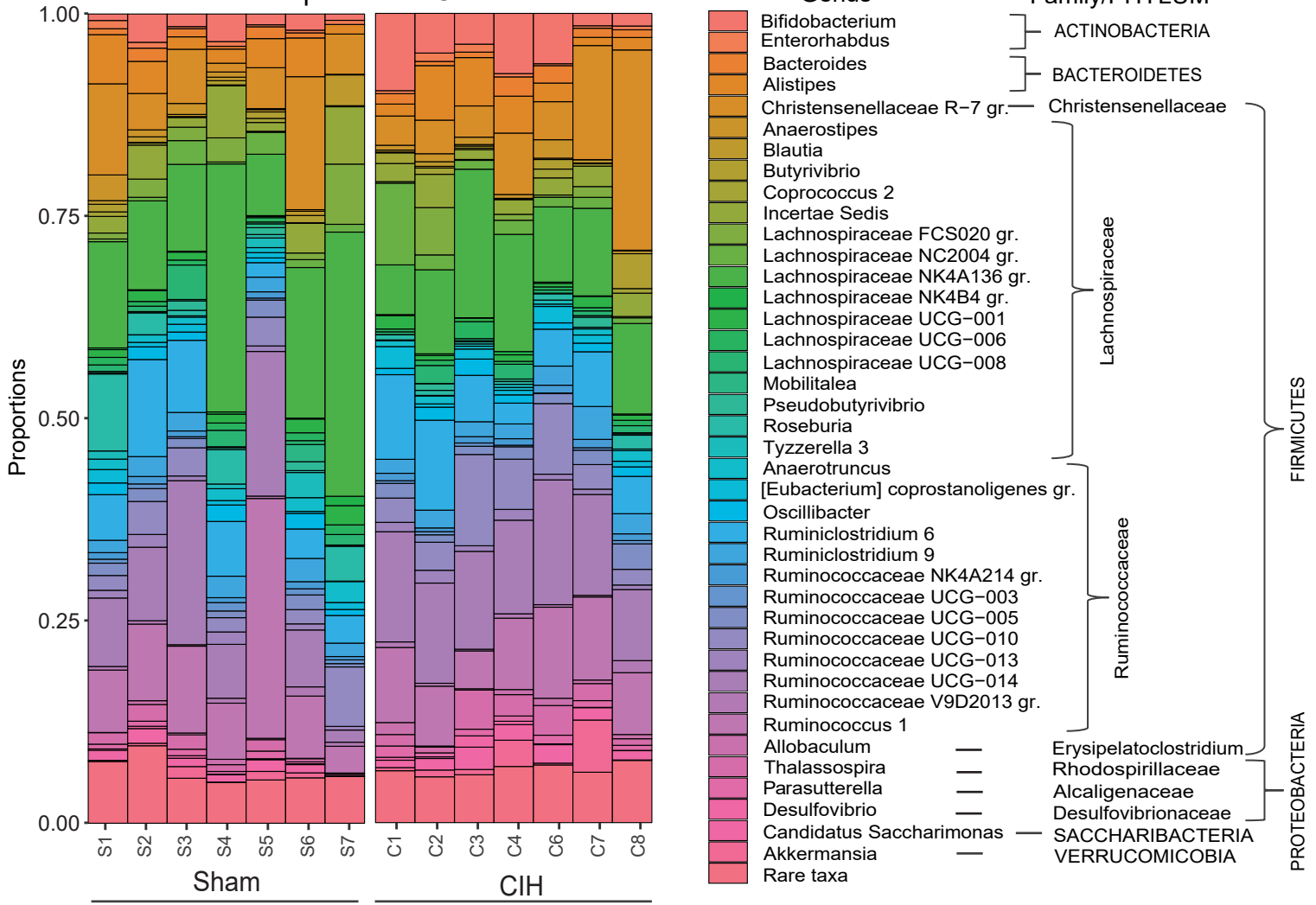
CORA Cork Open Research Archive
Cartlann Taighde Oscailte Chorcaí

Title	Chronic intermittent hypoxia disrupts cardiorespiratory homeostasis and gut microbiota composition in adult male guinea-pigs
Authors	Lucking, Eric F.;O'Connor, Karen M.;Strain, Conall R.;Fouhy, Fiona;Bastiaanssen, Thomaz F. S.;Burns, David P.;Golubeva, Anna V.;Stanton, Catherine;Clarke, Gerard;Cryan, John F.;O'Halloran, Ken D.
Publication date	2018-12-01
Original Citation	Lucking, E.F., O'Connor, K.M., Strain, C.R., Fouhy, F., Bastiaanssen, T.F., Burns, D.P., Golubeva, A.V., Stanton, C., Clarke, G., Cryan, J.F. and O'Halloran, K.D., 2018. Chronic intermittent hypoxia disrupts cardiorespiratory homeostasis and gut microbiota composition in adult male guinea-pigs. EBioMedicine, 38, 191-205. DOI: 10.1016/j.ebiom.2018.11.010
Type of publication	Article (peer-reviewed)
Link to publisher's version	https://www.sciencedirect.com/science/article/pii/S2352396418305036?via%3Dihub - 10.1016/j.ebiom.2018.11.010
Rights	© 2018 The Authors. Published by Elsevier B.V. This is an open access article under the CC BY-NC-ND license (http://creativecommons.org/licenses/by-nc-nd/4.0/). - https://creativecommons.org/licenses/by-nc-nd/4.0/
Download date	2026-11-08 02:09:34
Item downloaded from	https://hdl.handle.net/10468/8286

UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh


Stacked barplot at the Genus level
Proportions
1.00
0.75
0.50
0.25
0.00
S1
S2
S3
S4
S5
S6
S7
C1
C2
C3
C4
C6
C7
C8
Sham
CIH
Genus
Family/PHYLUM
Bifidobacterium
Enterorhabdus
ACTINOBACTERIA
Bacteroides
Alistipes
BACTEROIDETES
Christensenellaceae R−7 gr.
Christensenellaceae
Anaerostipes
Blautia
Butyrivibrio
Coprococcus 2
Incertae Sedis
Lachnospiraceae FCS020 gr.
Lachnospiraceae NC2004 gr.
Lachnospiraceae NK4A136 gr.
Lachnospiraceae NK4B4 gr.
Lachnospiraceae UCG−001
Lachnospiraceae UCG−006
Lachnospiraceae UCG−008
Mobilitalea
Pseudobutyrivibrio
Roseburia
Tyzzerella 3
Lachnospiraceae
Anaerotruncus
[Eubacterium] coprostanoligenes gr.
Oscillibacter
Ruminiclostridium 6
Ruminiclostridium 9
Ruminococcaceae NK4A214 gr.
Ruminococcaceae UCG−003
Ruminococcaceae UCG−005
Ruminococcaceae UCG−010
Ruminococcaceae UCG−013
Ruminococcaceae UCG−014
Ruminococcaceae V9D2013 gr.
Ruminococcus 1
Ruminococcaceae
FIRMICUTES
Allobaculum
Erysipelatoclostridium
Thalassospira
Rhodospirillaceae
Parasutterella
Alcaligenaceae
Desulfovibrio
Desulfovibrionaceae
PROTEOBACTERIA
Candidatus Saccharimonas
SACCHARIBACTERIA
Akkermansia
VERRUCOMICOBIA
Rare taxa