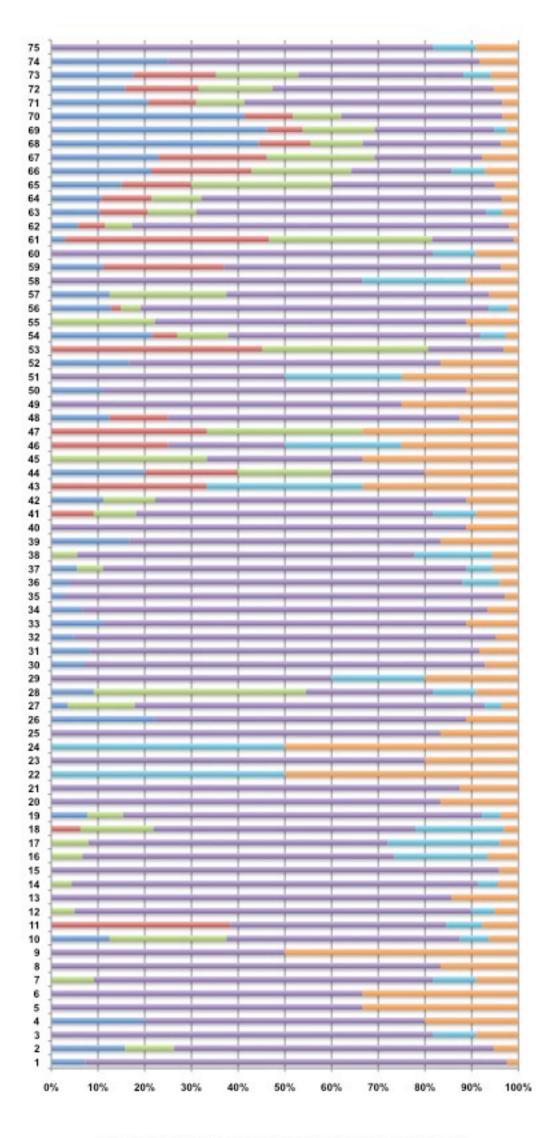


| Title                          | Microbiota and metabolite profiling reveal specific alterations<br>in bacterial community structure and environment in the cystic<br>fibrosis airway during exacerbation   |
|--------------------------------|--|
| Authors                        | Twomey, Kate B.;Alston, Mark;An, Shi-Qi;O'Connell, Oisin<br>J.;McCarthy, Yvonne;Swarbreck, David;Febrer, Melanie;Dow, J.<br>Maxwell;Plant, Barry J.;Ryan, Robert P.  |
| Publication date               | 2013   |
| Original Citation              | Twomey KB, Alston M, An S-Q, O'Connell OJ, McCarthy Y,<br>Swarbreck D, et al. (2013) Microbiota and Metabolite Profiling<br>Reveal Specific Alterations in Bacterial Community Structure and<br>Environment in the Cystic Fibrosis Airway during Exacerbation.<br>PLoS ONE 8(12): e82432. doi:10.1371/journal.pone.0082432 |
| Type of publication            | Article (peer-reviewed)  |
| Link to publisher's<br>version | 10.1371/journal.pone.0082432   |
| Rights                         | © 2015 Twomey et al. This is an open access article distributed<br>under the terms of the Creative Commons Attribution License,<br>which permits unrestricted use, distribution, and reproduction in<br>any medium, provided the original author and source are credited<br>- http://creativecommons.org/licenses/by/4.0/  |
| Download date                  | 2024-04-25 11:52:12  |
| Item downloaded<br>from        | https://hdl.handle.net/10468/2348  |

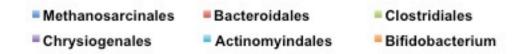


University College Cork, Ireland Coláiste na hOllscoile Corcaigh



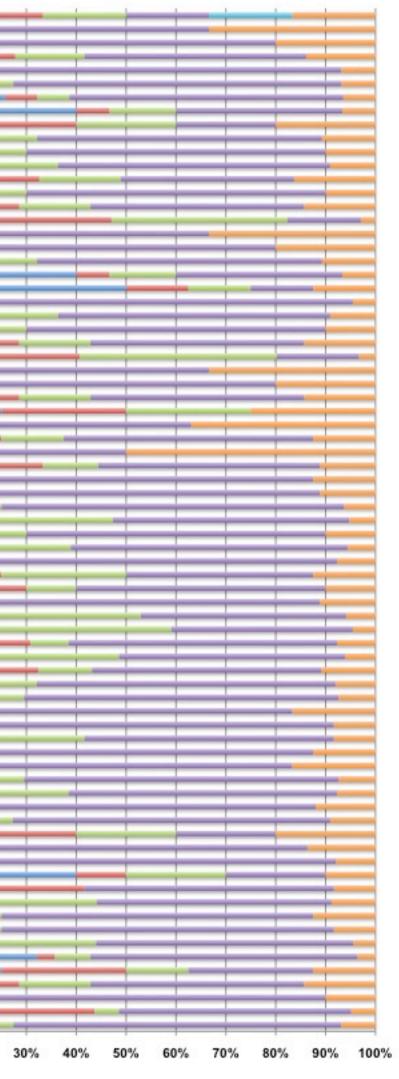


## % Relative abundance of OTUs from DNA



Methanosarcinales

Chrysiogenales



## % Relative abundance of OTUs from RNA

nales Actinomyindales Bifidobacterium