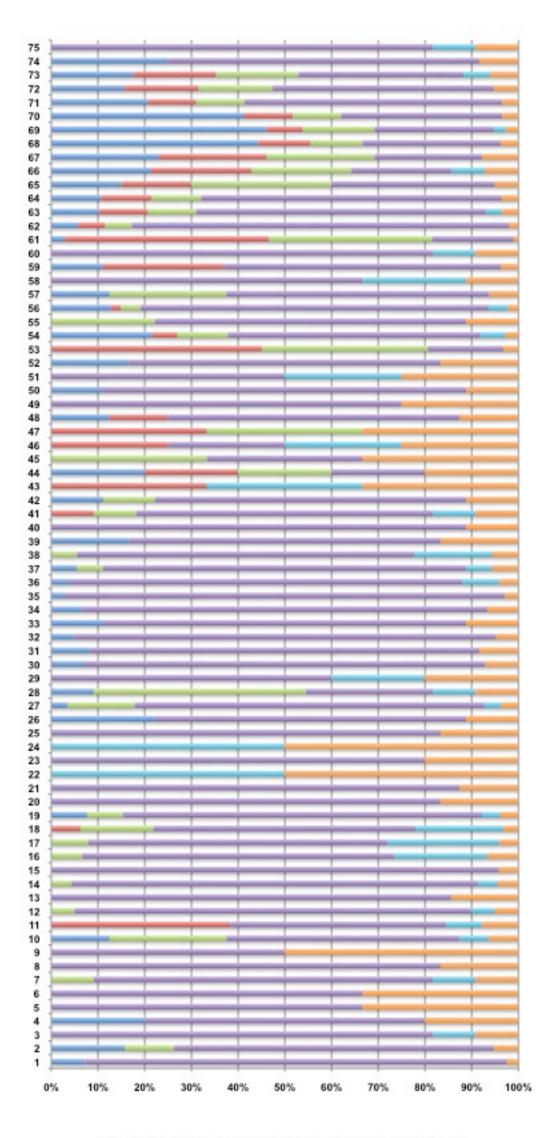


Title	Microbiota and metabolite profiling reveal specific alterations in bacterial community structure and environment in the cystic fibrosis airway during exacerbation
Authors	Twomey, Kate B.;Alston, Mark;An, Shi-Qi;O'Connell, Oisin J.;McCarthy, Yvonne;Swarbreck, David;Febrer, Melanie;Dow, J. Maxwell;Plant, Barry J.;Ryan, Robert P.
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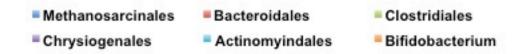


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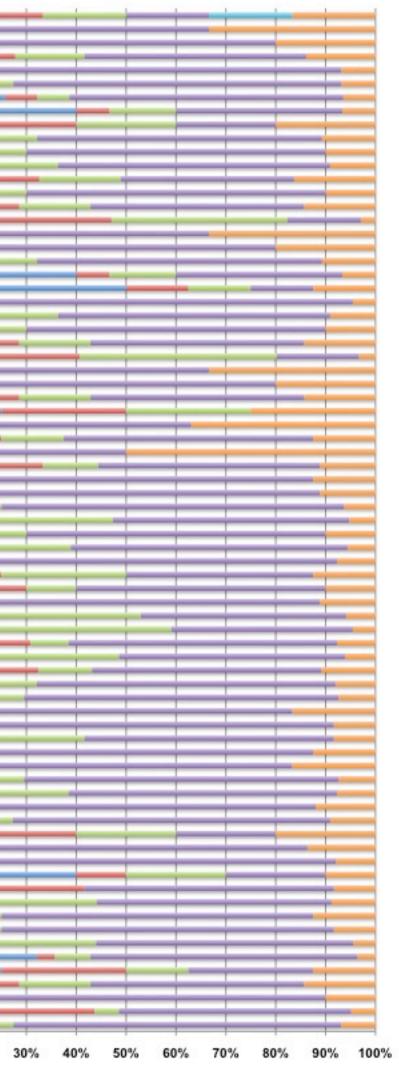


## % Relative abundance of OTUs from DNA



Methanosarcinales

Chrysiogenales



## % Relative abundance of OTUs from RNA

nales Actinomyindales Bifidobacterium