Diabetes-associated differences in gut microbiome abundance: comparison with previous studies

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| [Category](#/javascript:;) | Previous studies | T2DM compare to healthy controls | Our study |
| *Firmicutes* | Navab-Moghada et al. 2017 | Higher | No difference |
| Ahmad et al. 2019 | Higher |
| Palacios et al. 2017 | Lower |
| Lambeth et al. 2015 | No difference |
| *Bacteroidetes* | Navab-Moghada et al. 2017 | lower | No difference |
| Ahmad et al. 2019 | lower |
| Palacios et al. 2017 | Higher |
| *Lactobacillus* | Palacios et al. 2017 | Lower | Higher in T2DM;  Lower in preDM |
| Sedighi et al. 2017 | Higher |
| *Bifidobacteria* | Sedighi et al. 2017 | Lower | No difference |
| Palacios et al. 2017 | Lower |
| *Proteobacteria* | Larsen et al. 2010 | Higher | Higher in preDM |
| *Prevotella* | Zhang et al. 2013 | Higher | Higher |
| Ahmad et al. 2019 | Higher |
| Gaike A H et al.2020 | Lower |
| Megasphaera | Gaike A H et al.2020 | Higher | Higher |