**Figure 1 – source data 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranked abundance of bacterial phyla shared with the turquoise killifish** | | | | |
|  |  |  |  |  |
|  | **TK** | **Zebrafish** | **Mouse** | **Human** |
| **Proteobacteria** | 1 | 1 | 4 | 4 |
| **Firmicutes** | 2 | 5 | 2 | 1 |
| **Actinobacteria** | 3 | 6 | 5 | 3 |
| **Bacteroidetes** | 4 | 4 | 1 | 2 |
| **Fusobacteria** | 5 | 2 | NA | 10 |
| **Cyanobacteria** | 6 | 9 | 7 | 8 |
| **Planctomycetes** | 7 | 7 | NA | NA |
| **Chloroflexi** | 8 | 12 | NA | NA |
| **Verrucomicrobia** | 9 | 8 | 6 | 7 |
| **TM7** | 10 | 11 | 8 | 9 |
| **Acidobacteria** | 11 | 13 | NA | 11 |
| **SBR1093** | 12 | NA | NA | NA |
| **Euryarchaeota** | 13 | NA | NA | 6 |
| **Armatimonadetes** | 14 | NA | NA | 12 |
| **Spirochaetes** | 15 | NA | NA | NA |
| **TM6** | 15 | NA | NA | NA |
| **Nitrospirae** | 16 | 10 | NA | NA |
| **Tenericutes** | 16 | 3 | 3 | 5 |
| **[Thermi]** | 17 | 15 | 9 | NA |
| **Chlamydiae** | 18 | 14 | NA | NA |
| **WPS-2** | 19 | NA | NA | NA |