**Table S1.** Percentages of PYO97 and PYO2014 reads mapping to MGmapper databases.

|  |  |  |
| --- | --- | --- |
| Database | PYO97 % mapping reads | PYO2014 % mapping reads |
| notPhiX | 100 | 100 |
| Bacteria | 0.034 | 0.290 |
| Archaea | 0 | 0 |
| MetaHitAssembly | 0.005 | 0 |
| HumanMicrobiome | 0.219 | 0 |
| Bacteria\_draft | 0 | 0.001 |
| Human | 0.002 | 0 |
| Virus | 77.837 | 45.120 |
| Fungi | 0.007 | 0.001 |
| Unmapped | 21.895 | 54.588 |