

Table S2. Taxonomic information for the identical sequences (i.e., OTUs picked at 100% sequence similarity) shared between the Burmese python gut and its rat meal

Phylum	Taxon	No. of shared OTUs	% of shared OTUs
Firmicutes	Lactobacillus	385	52.2
Firmicutes	Peptostreptococcaceae	123	16.7
Firmicutes	Turicibacter	104	14.1
Firmicutes	Clostridium	56	7.6
Firmicutes	Enterococcus	10	1.4
Bacteroidetes	Bacteroides	5	0.7
Firmicutes	Clostridiales	5	0.7
Firmicutes	Streptococcus	4	0.5
Firmicutes	Ruminococcaceae	4	0.5
Firmicutes	Staphylococcus	3	0.4
Proteobacteria	Enterobacteriaceae	3	0.4
Proteobacteria	Enterobacter	3	0.4
Firmicutes	Lactobacillales	2	0.3
Proteobacteria	Pseudomonas	2	0.3
Actinobacteria	Actinobacteria	1	0.1
Actinobacteria	Corynebacterium	1	0.1
Actinobacteria	Propionibacterium	1	0.1
Bacteroidetes	Parabacteroides	1	0.1
Bacteroidetes	Alistipes	1	0.1
Firmicutes	Bacillales	1	0.1
Firmicutes	Jeotgalicoccus	1	0.1
Firmicutes	Aerococcus	1	0.1
Firmicutes	Granulicatella	1	0.1
Firmicutes	Enterococcaceae	1	0.1
Firmicutes	Lactococcus	1	0.1
Firmicutes	Clostridia	1	0.1
Firmicutes	Lachnospiraceae	1	0.1
Firmicutes	Anaerotruncus	1	0.1
Firmicutes	Erysipelotrichaceae	1	0.1
Firmicutes	Allobaculum	1	0.1
Firmicutes	Erysipelotrichaceae	1	0.1
Proteobacteria	Betaproteobacteria	1	0.1
Proteobacteria	Comamonas	1	0.1
Proteobacteria	Delftia	1	0.1
Proteobacteria	Proteus	1	0.1
Proteobacteria	Stenotrophomonas	1	0.1
Verrucomicrobia	Akkermansia	1	0.1
Firmicutes		1	0.1
Unknown		4	0.5
Total:		737	100