

Table S6. Archaea and Viruses from V5.

Seq name	Q_length	Q_beg	Q_end	e_value	%_iden	%_simi	Gi number	Kingdom	Order	Family	Genus	Species	Description
GKJWQY101A0CZO	303	20	258	1E-117	0.99	0.99	207366080	Archaea	n	n	n	uncultured archaeon	"Uncultured archaeon partial 16S rRNA gene, clone ODP204_30_Bac263"
GKJWQY101A62OT	539	33	61	0.0005	1	1	262527001	Archaea	n	n	n	uncultured archaeon	"uncultured archaeon ANME-1, unordered contigs"
GKJWQY101A8DGR	536	17	533	0	0.98	0.98	288872851	Viruses	n	Microviridae	Microvirus	Enterobacteria phage phiX174 sensu la	"Enterobacteria phage phiX174 isolate JACSK, complete genome"
GKJWQY101A85CE	552	18	547	1E-84	0.79	0.79	91982906	Viruses	Caudovirales	Siphoviridae	n	Propionibacterium phage PA6	"Propionibacterium phage PA6, complete genome"