

Table S8. Large subunit rRNA genes of Bacteria and Eukarya from V6.

NCBI gene ID	Q length	Q start	Q end	e-value	%-ident	%-sim	GI hit	Domain	Phylum	Class	Genus/species	Sequence ID	Description
JQ999835	250	1	250	2E-105	0.95	0.95	296416	Bacteria	Firmicutes	Bacilli	Sporosarcina globispora	VostokV6_rep_c188	B.globisporus gene for 23S rRNA
JQ999832	262	1	262	2E-124	0.98	0.98	291259655	Bacteria	n	n	uncultured bacterium	VostokV6_c121	Uncultured bacterium clone F5K2Q4C04JJ8EY 23S ribosomal RNA gene, partial sequence
JQ999833	308	68	308	7E-75	0.86	0.86	291259210	Bacteria	n	n	uncultured bacterium	VostokV6_rep_c181	Uncultured bacterium clone F5K2Q4C04IEQ8G 23S ribosomal RNA gene, partial sequence
JQ999831	226	1	205	5E-90	0.97	0.97	291260098	Bacteria	n	n	uncultured bacterium	VostokV6_rep_c203	Uncultured bacterium clone F5K2Q4C04I8I6J 23S ribosomal RNA gene, partial sequence
JQ999830	222	1	222	2E-108	0.99	0.99	291258986	Bacteria	n	n	uncultured bacterium	VostokV6_rep_c222	Uncultured bacterium clone F5K2Q4C04IAJZN 23S ribosomal RNA gene, partial sequence
JQ999836	1187	5	1175	0	0.97	0.97	2244633	Bacteria	Proteobacteria	Alphaproteobacteria	Brevundimonas diminuta	VostokV6_c12	B.diminuta 23S rRNA gene
JQ999834	323	6	323	4E-142	0.96	0.96	1913845	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonas fragariae	VostokV6_rep_c193	Xanthomonas fragariae 23S ribosomal RNA gene, partial sequence
JQ999907	588	178	588	0	0.97	0.97	159171560	Eukaryota	Ascomycota	Dothideomycetes	Phaeosphaeria avenaria	VostokV6_c14	Phaeosphaeria avenaria f. sp. avenaria strain 1919WRS large subunit ribosomal RNA gene, partial sequence
JQ999906	500	1	500	0	0.99	0.99	284158823	Eukaryota	Ascomycota	Dothideomycetes	Davidiella tassiana	VostokV6_c189	Davidiella tassiana strain CBS 723.79 28S large subunit ribosomal RNA gene, partial sequence
JQ999628	749	4	749	0	0.94	0.94	291170394	Eukaryota	Ascomycota	n	Coniosporium apollinis	VostokV6_c25	Coniosporium apollinis strain CBS 100218 large subunit ribosomal RNA gene, partial sequence
JQ999908	231	1	231	1E-106	0.97	0.97	38154526	Eukaryota	n	n	uncultured fungus	VostokV6_c238	Uncultured fungus 28S ribosomal RNA gene, partial sequence