















































































































































































































ae ae ae_(Subgroup_1) e es e ae e ae ae ae ae ae ae ae ae		f__Comamonadaceae		f__Ktedonobacteraceae		f__Pseudonocardiaceae		f__Vampiromonadaceae
		f__Cyclobacteriaceae		f__Labraceae		f__Reyranellaceae		f__Vampiromonadaceae
		f__Deinococcaceae		f__Legionellaceae		f__Rhizobiaceae		f__Verrucomonadaceae
		f__Devosiaceae		f__Lineage_IIa		f__Rhodanobacteraceae		f__WD2101_group
		f__Diplorickettsiaceae		f__Methylacidiphilaceae		f__SAR324_clade(Marine_group_B)		f__WD260_group
		f__env.OPS_17		f__Methylophilaceae		f__SC-I-84		f__WPS-2_group
		f__Fimbriimonadaceae		f__Micavibrionaceae		f__Silvanigrellaceae		f__Xanthobacteraceae
		f__Flavobacteriaceae		f__Microbacteriaceae		f__SM2D12		f__Xanthomonadaceae
		f__Frankiaceae		f__Micropepsaceae		f__Solibacteraceae		f__Xiphinematodes
		f__Gemmataceae		f__Microscillaceae		f__Solirubrobacteraceae		o__Elsterales
		f__Gemmatimonadaceae		f__Myxococcaceae		f__Sphingobacteriaceae		o__Gammaproteobacteria
		f__Haliangiaceae		f__Nakamurellaceae		f__Sphingomonadaceae		o__Micavibrionaceae
		f__Hymenobacteraceae		f__Nostocaceae		f__Spirosomaceae		o__Oxyphotobacteria
		f__Hyphomicrobiaceae		f__Obscuribacteraceae		f__Tepidisphaeraceae		o__Rhizobiales
		f__Inquilinaceae		f__Pedosphaeraceae		f__Terrimicrobiaceae		o__Rhodospirillaceae
		f__Isosphaeraceae		f__Phaselicystidaceae		f__unclassified_Proteobacteria		
	f__KD3-93		f__Polyangiaceae		f__unidentified_Chthoniobacterales			
	f__Kineosporiaceae		f__Pseudomonadaceae		f__unidentified_Rhizobiales			

ae ae ae_(Subgroup_1) e es e ae e ae ae ae ae ae ae ae ae		f__Comamonadaceae		f__Ktedonobacteraceae		f__Pseudonocardiaceae		f__Vampiromonadaceae
		f__Cyclobacteriaceae		f__Labraceae		f__Reyraneliaceae		f__Vampiromonadaceae
		f__Deinococcaceae		f__Legionellaceae		f__Rhizobiaceae		f__Verrucomonadaceae
		f__Devosiaceae		f__Lineage_IIa		f__Rhodanobacteraceae		f__WD2101_group
		f__Diplorickettsiaceae		f__Methylacidiphilaceae		f__SAR324_clade(Marine_group_B)		f__WD260_group
		f__env.OPS_17		f__Methylophilaceae		f__SC-I-84		f__WPS-2_group
		f__Fimbriimonadaceae		f__Micavibrionaceae		f__Silvanigrellaceae		f__Xanthobacteraceae
		f__Flavobacteriaceae		f__Microbacteriaceae		f__SM2D12		f__Xanthomonadaceae
		f__Frankiaceae		f__Micropepsaceae		f__Solibacteraceae		f__Xiphinematodes
		f__Gemmataceae		f__Microscillaceae		f__Solirubrobacteraceae		o__Elsterales
		f__Gemmatimonadaceae		f__Myxococcaceae		f__Sphingobacteriaceae		o__Gammaproteobacteria
		f__Haliangiaceae		f__Nakamurellaceae		f__Sphingomonadaceae		o__Micavibrionaceae
		f__Hymenobacteraceae		f__Nostocaceae		f__Spirosomaceae		o__Oxyphotobacteria
		f__Hyphomicrobiaceae		f__Obscuribacteraceae		f__Tepidisphaeraceae		o__Rhizobiales
		f__Inquilinaceae		f__Pedosphaeraceae		f__Terrimicrobiaceae		o__Rhodospirillaceae
		f__Isosphaeraceae		f__Phaselicystidaceae		f__unclassified_Proteobacteria		
	f__KD3-93		f__Polyangiaceae		f__unidentified_Chthoniobacteriales			
	f__Kineosporiaceae		f__Pseudomonadaceae		f__unidentified_Rhizobiales			

	 f__Inquilinaceae	 f__mle1-27	 f__Pirellulaceae	 f__Silvanigrellaceae
	 f__Isosphaeraceae	 f__Mycobacteriaceae	 f__Polyangiaceae	 f__Simkaniaceae
	 f__JG30-KF-CM45	 f__Myxococcaceae	 f__Pseudomonadaceae	 f__SJA-28
	 f__JG36-TzT-191	 f__Nakamurellaceae	 f__Pseudonocardiaceae	 f__SM1B06
ae	 f__Kaistiaceae	 f__Nannocystaceae	 f__R7C24	 f__SM2D12
	 f__KD3-93	 f__Neisseriaceae	 f__RBG-13-54-9	 f__Solibacteraceae
3	 f__Kineosporiaceae	 f__Nocardiaceae	 f__Reyranellaceae	 f__Solimonadaceae
	 f__Ktedonobacteraceae	 f__Nocardioidaceae	 f__Rhizobiaceae	 f__Solirubrobacteraceae
ae	 f__Labraceae	 f__Nostocaceae	 f__Rhizobiales_Incertae_Sedis	 f__Sphingobacteriaceae
e	 f__Legionellaceae	 f__NS11-12_marine_group	 f__Rhodanobacteraceae	 f__Sphingomonadaceae
	 f__Lineage_IIa	 f__Obscuribacteraceae	 f__Rhodobacteraceae	 f__Spirosomaceae
e	 f__Methylacidiphilaceae	 f__Oligoflexales	 f__Rhodothermaceae	 f__Steroidobacteraceae
	 f__Methylophilaceae	 f__Opitutaceae	 f__Rickettsiaceae	 f__Streptomycetaceae
aceae	 f__Micavibrionaceae	 f__Oxalobacteraceae	 f__Rickettsiales	 f__Streptosporangiales
aceae	 f__Microbacteriaceae	 f__Paenibacillaceae	 f__Rubinisphaeraceae	 f__Subgroup_2
	 f__Microgenomatia	 f__Parachlamydiaceae	 f__Rubritaleaceae	 f__Subgroup_7
aeae	 f__Micromonosporaceae	 f__Pedosphaeraceae	 f__Saprospiraceae	 f__Sumerlaeaceae
aeae	 f__Micropepsaceae	 f__Phaselicystidaceae	 f__SAR324_clade(Marine_group_B)	 f__T34
aeae	 f__Microscillaceae	 f__Phormidiaceae	 f__SC-I-84	 f__Tepidisphaeraceae
	 f__Microtrichaceae	 f__Phycisphaeraceae	 f__Sericytochromatia	 f__Terrimicrobiaceae

**Rarefaction Curve for all samples**

