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- The network graph displays a complex web of relationships between bacterial taxa. The nodes are colored based on their phylum: purple for Bacteroidetes, green for Firmicutes, blue for Proteobacteria, orange for Actinobacteria, and grey for other phyla. The graph is highly interconnected, with many nodes having multiple connections. Key taxa include Muribaculum, Rikenellaceae, Parabacteroides, and various unknown genera in different phyla. The graph shows a dense network of connections, particularly within the Firmicutes and Bacteroidetes phyla.