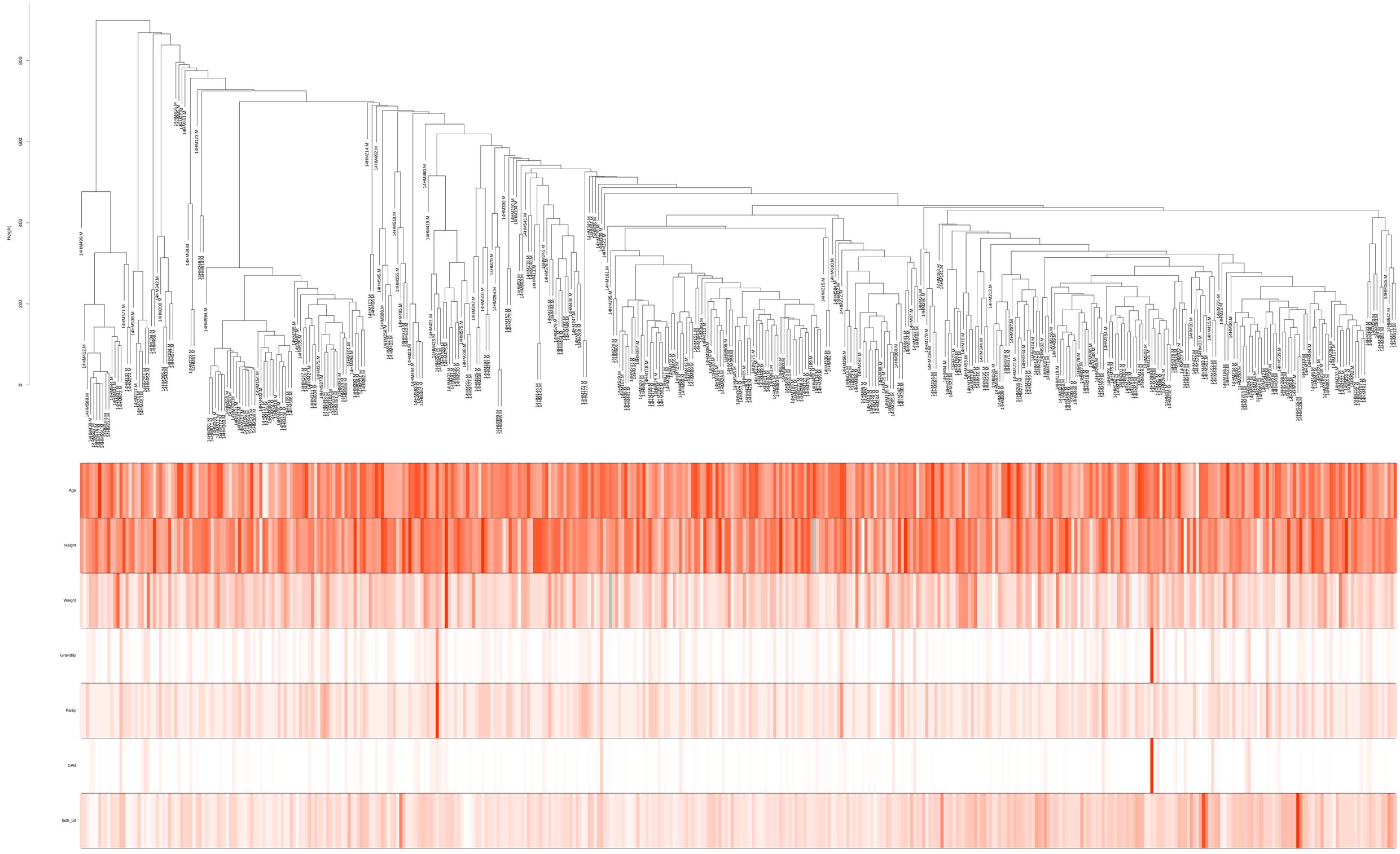Microb clean sample clustering to detect patterns