# GC program

For detection of ethylene and ethylene oxide in the headspace of sealed culture vials, 500 µL of headspace was manually injected to an Agilent 7820A gas chromatograph with an injector temperature of 105 C and a split ratio of 50:1. An Agilent HP-5 column was used and oven temperature was held at 30 C for 5 min. The flame ionization detector was held at 200 C.