Fundamental niche A1R12 -E3R18 -E3R01 -B2M17 -I2M19 -C3R15 -E3R09 -D3R19 -B2M06 -E3M18 -6B07 -C3R19 -A2M03 -C3R17 -B3R18 -C2R09 -C3M06 -4E07 -5C01 -C3M10 -A3M17 -4A10 -A3R06 -4F10 -G2R14 -B3M08 -B2R22 -D2R18 -D2R04 -F2R14 -G3M19 -3C02 -G2R10 -1A01 -I3M07 -C3R12 -6D03 -E3R11 -6C06 -B3M02 -6D02 -B3R10 -I2R16 -F3M07 -3D05 -C2R02 -D2M02 -E2M01 -C2M11 -A3R12 -A3R16 -D2R05 -A3R04 -C1M14 -4B03 -D2M19 -F3R11 -F3R08 -B2M13 -3B05 -C1R06 -G2M07 -E3M09 -E3M17 pep | icit | 3pg | 75p | akg | akg | oaa | f6p | trp | L | trp | Trm | trp Carbon sources