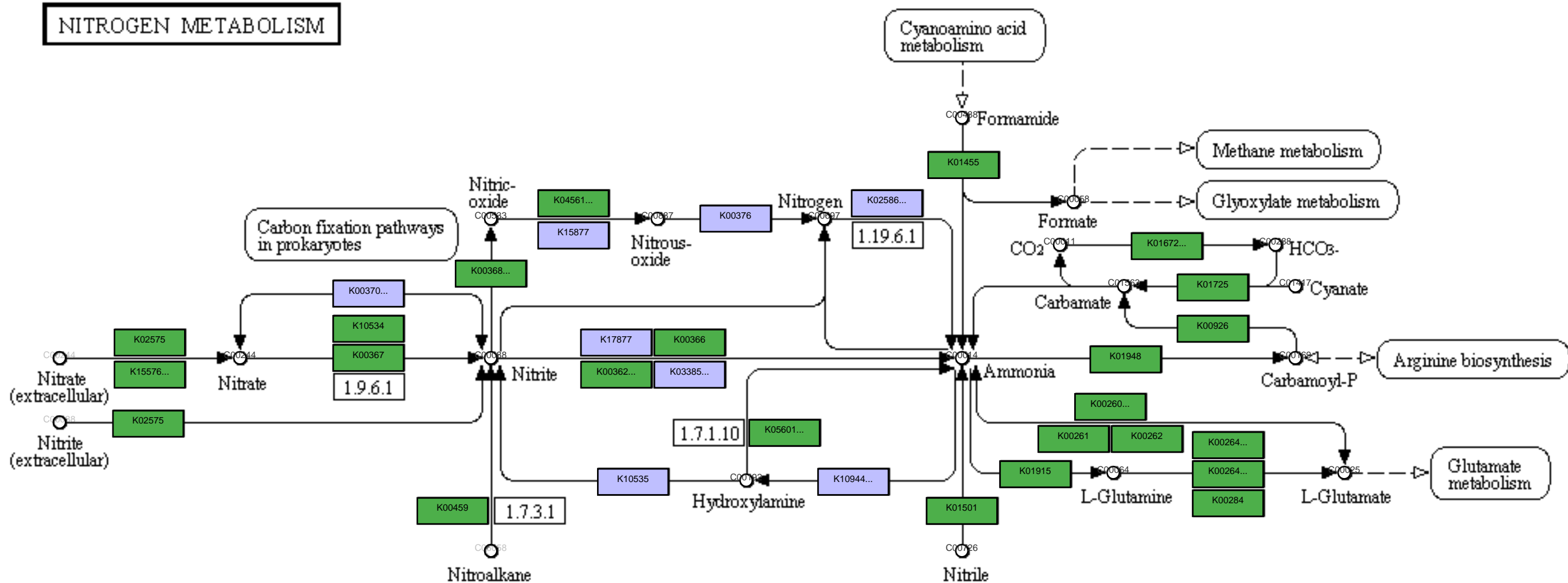
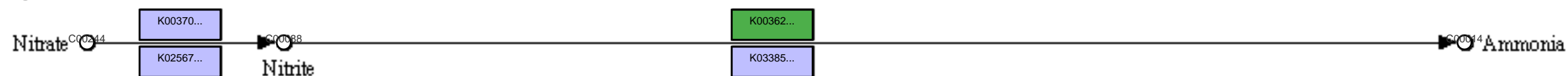


NITROGEN METABOLISM

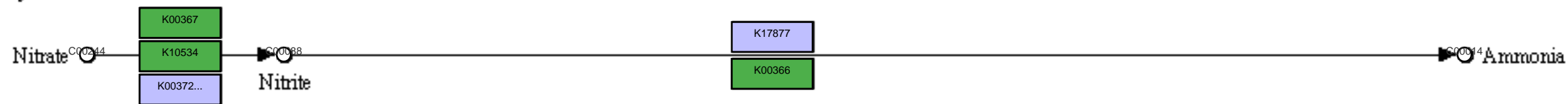


Oxidation state +5 +3 +2 +1 0 -1 -2 -3

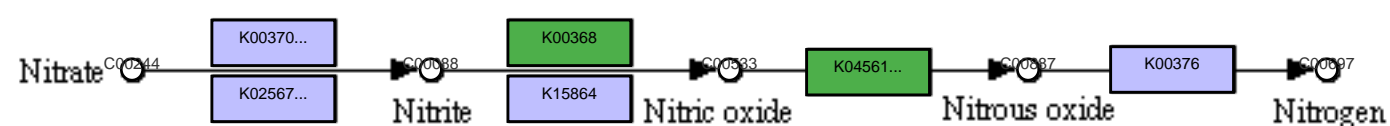
Dissimilatory nitrate reduction



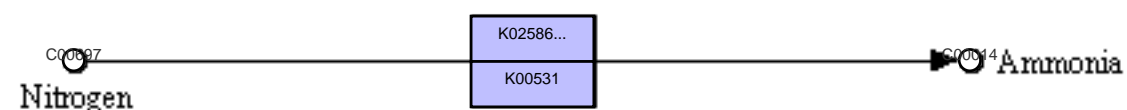
Assimilatory nitrate reduction



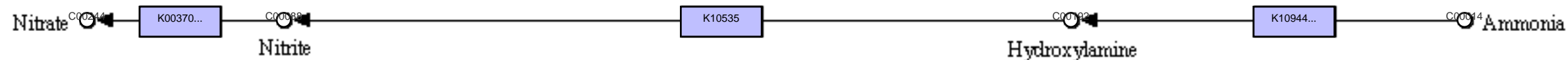
Denitrification



Nitrogen fixation



Nitrification



Anammox

