Amino Acids Synthesis Categories

1. Involved in GOGAT Cycle
   1. L-Aspartate
   2. L-Glutamate
   3. L-Glutamine
2. Requires only GOGAT Cycle
   1. L-Asparagine
3. Requires only Methanogenesis
   1. L-Alanine
4. Requires only GOGAT cycle and Methanogenesis
   1. L-Arginine
5. Requires GOGAT, Methanogenesis, and other pathways (but not sulfide)
6. Requires GOGAT, Methanogenesis, sulfide, and other pathways
   1. L-Cysteine