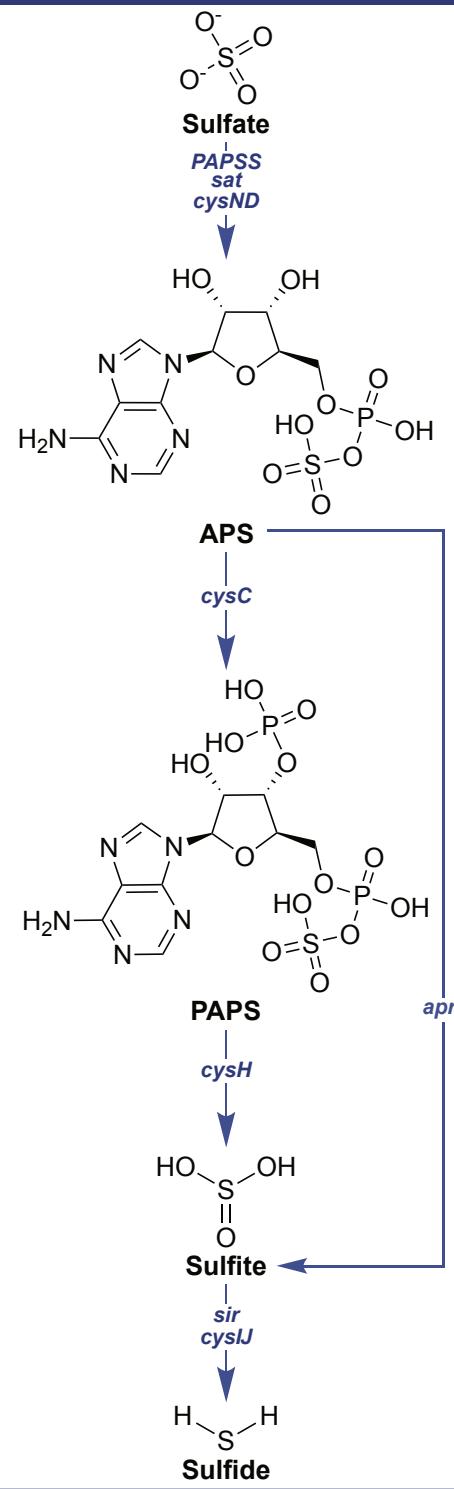
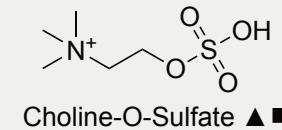


A. Sulfate Assimilation



B. DOS Metabolisms



+6

Methanesulfonate	Taurine	Hypotaurine	Isethionate	Sulfoacetaldehyde		+4
N-Acetyltaurine	Sulfolactate	Sulfonylpyruvate	DHPS	Cysteate		+2
Dimethylsulfone	Dimethyl Sulfoxide	Glutathione Disulfide				0
Cysteine	Methionine + Methionine Salvage	DMSP	Glutathione	Coenzyme-A	Methanethiol	-1
3-Mercaptopyruvate	S-Adenosyl-L-Homocysteine	S-Adenosyl-L-Methionine		Biotin		-2

Sulfur Oxidation State

Type of DOS Metabolism Studied:

- ▲ Transport
- ★ Synthesis
- Degradation