



B. DOS Metabolisms	
<div><chem>C[N+](C)(C)CCOS(=O)(=O)O</chem> Choline-O-Sulfate ▲ ■</div>	+6
<div><div><chem>[O-]S(=O)(=O)[O-]</chem> Methanesulfonate ■</div><div><chem>NCCS(=O)(=O)O</chem> Taurine ▲ ■</div><div><chem>NCCS(=O)(=O)O</chem> Hypotaurine ■</div><div><chem>OSCCS(=O)(=O)O</chem> Isethionate ▲</div><div><chem>O=CCS(=O)(=O)O</chem> Sulfoacetaldehyde ■</div></div> <div><div><chem>CC(=O)NCCS(=O)(=O)O</chem> N-Acetyltaurine ▲</div><div><chem>OS(=O)(=O)CC(O)C(=O)O</chem> Sulfolactate ■</div><div><chem>OS(=O)(=O)CC(=O)C(=O)[O-]</chem> Sulfopyruvate ■</div><div><chem>OS(=O)(=O)CC(O)C(O)S(=O)(=O)[O-]</chem> DHPS ▲ ■</div><div><chem>OS(=O)(=O)CC(N)C(=O)O</chem> Cysteate ■</div></div>	+4
<div><chem>C[S](=O)(=O)C</chem> Dimethylsulfone ■</div>	+2
<div><chem>C[S](=O)C</chem> Dimethyl Sulfoxide ■</div>	0
<div><chem>[S2]1CCCCC1</chem> Glutathione Disulfide ★ ■</div>	-1
<div><div><chem>N[C@@H](CS)C(=O)O</chem> Cysteine ★ ■</div><div><chem>CSCC[C@@H](N)C(=O)O</chem> Methionine ▲ ★ ■ <i>+ Methionine Salvage</i></div><div><chem>CSCC(=O)[O-]</chem> DMSP ■</div><div><chem>NC(=O)CC[C@@H](N)C(=O)NCCS</chem> Glutathione ▲ ★</div><div><chem>CC1=NC2=C(N1)N=CN=C2C3=C(C=C1)C(=O)NCCS</chem> Coenzyme-A ■</div><div><chem>CC1=NC2=C(N1)N=CN=C2C3=C(C=C1)C(=O)NCCS</chem> Methanethiol ★ ■</div><div><chem>CC1=NC2=C(N1)N=CN=C2C3=C(C=C1)C(=O)NCCS</chem> Biotin ▲ ■</div></div> <div><div><chem>NC(=O)CC(=O)S</chem> 3-Mercaptopyruvate ■</div><div><chem>N[C@@H](CS)C(=O)O</chem> S-Adenosyl-L-Homocysteine ■</div><div><chem>N[C@@H](CS)C(=O)O</chem> S-Adenosyl-L-Methionine ■</div></div>	-2
<div><div>Type of DOS Metabolism Studied: ▲ Transport ★ Synthesis ■ Degradation</div><div>Sulfur Oxidation State</div></div>	