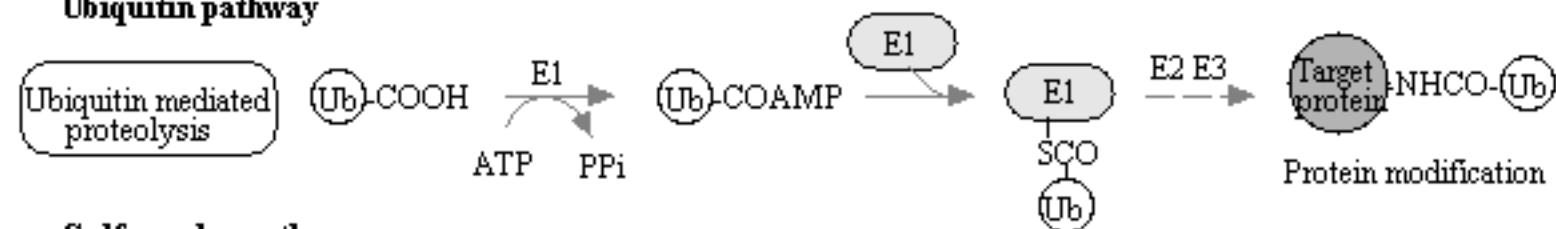


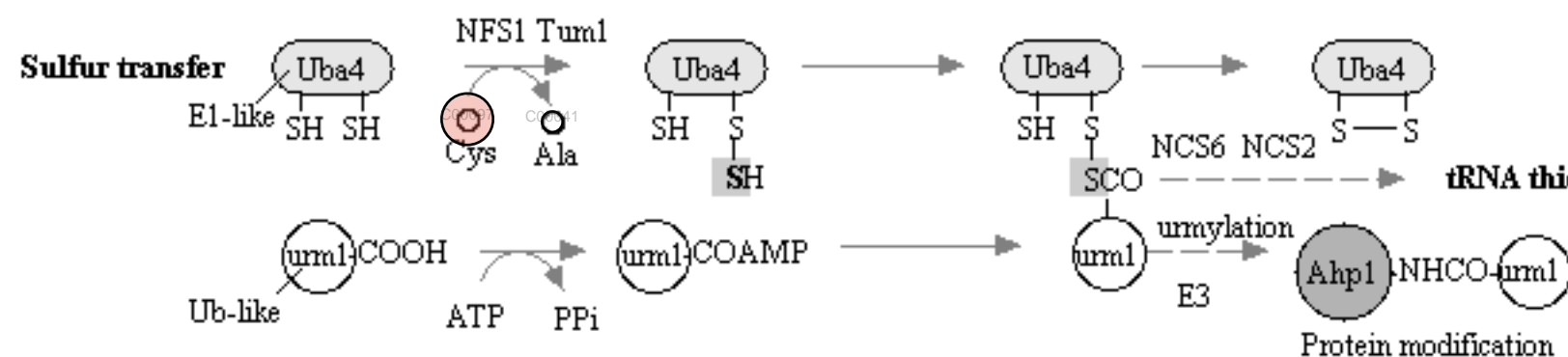
SULFUR RELAY SYSTEM

Ubiquitin pathway

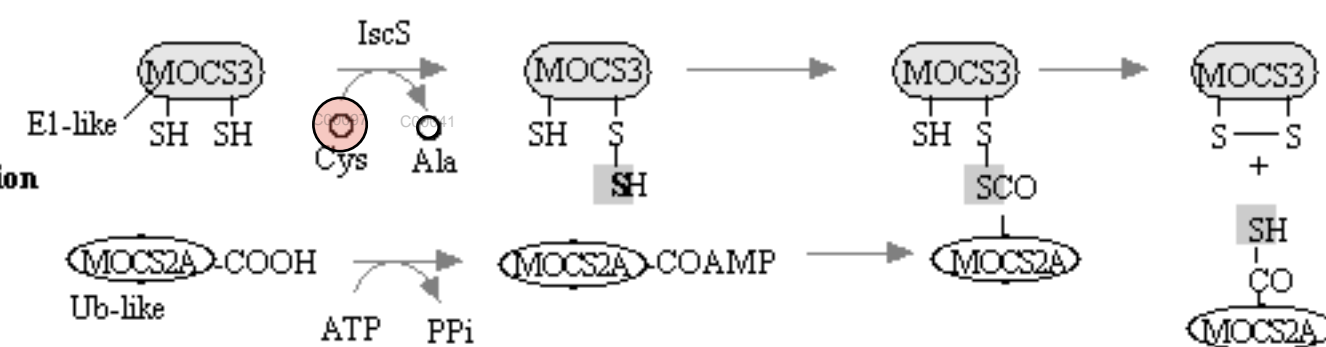


Sulfur-relay pathway

2-thiouridine biosynthesis (*Saccharomyces cerevisiae*)

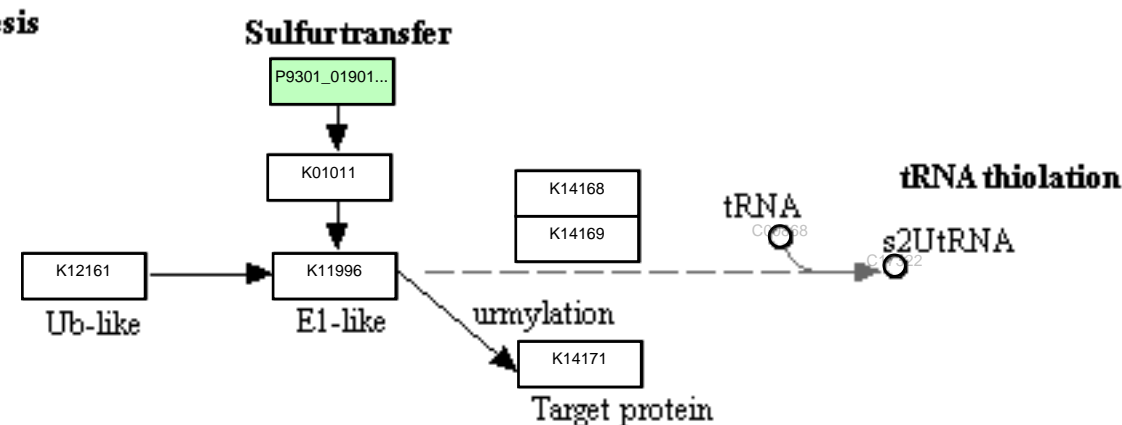
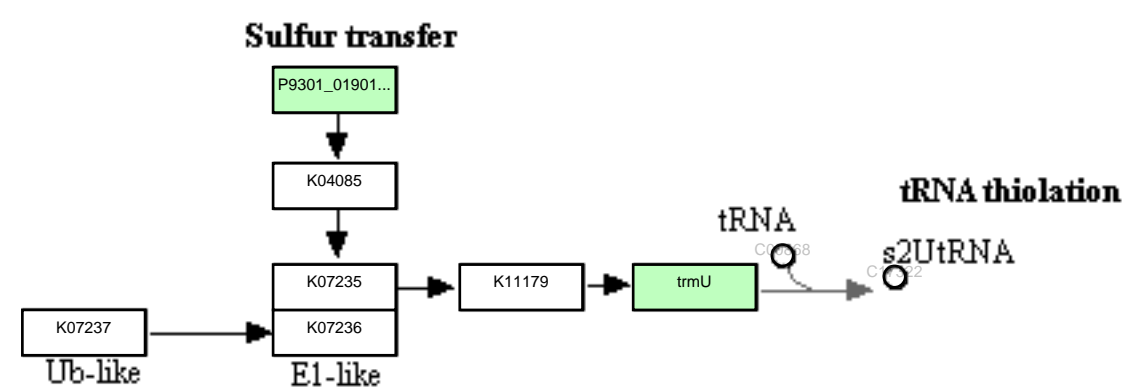


Molybdenum cofactor (Moco) biosynthesis (Mammals)



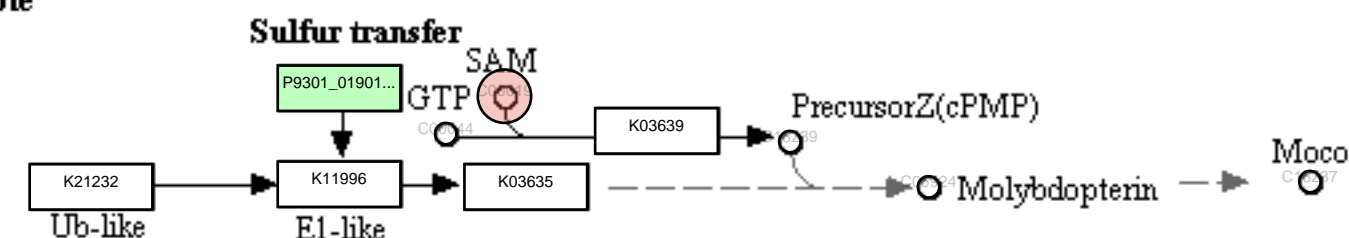
2-thiouridine biosynthesis

Eukaryote

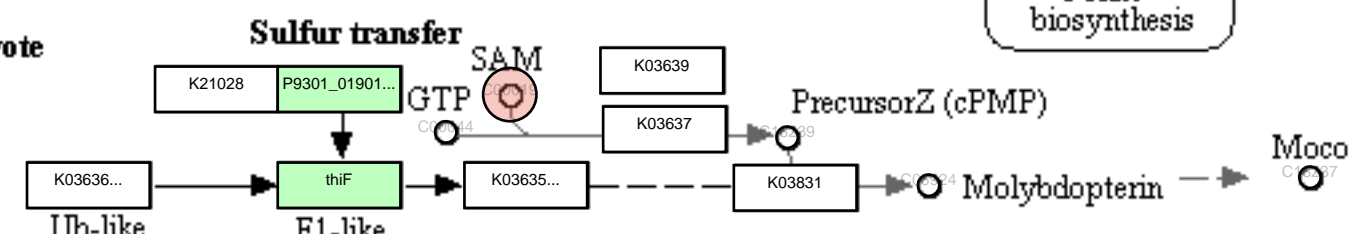
**Prokaryote**

Moco biosynthesis

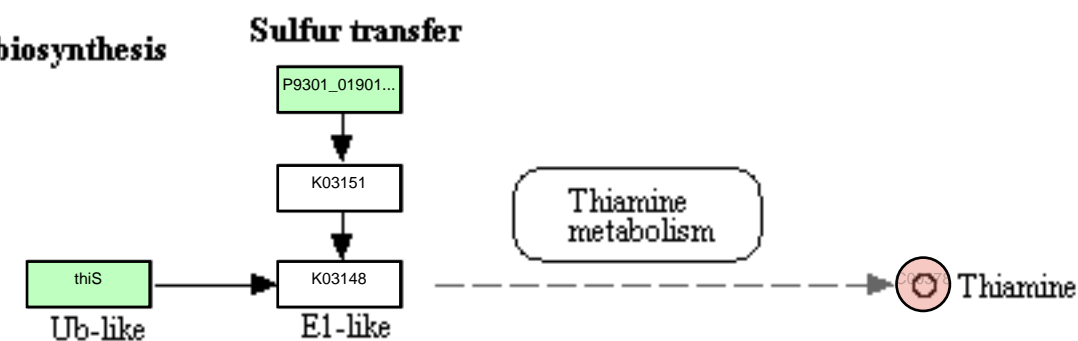
Eukaryote



Prokaryote



Thiamine biosynthesis



Cysteine biosynthesis

