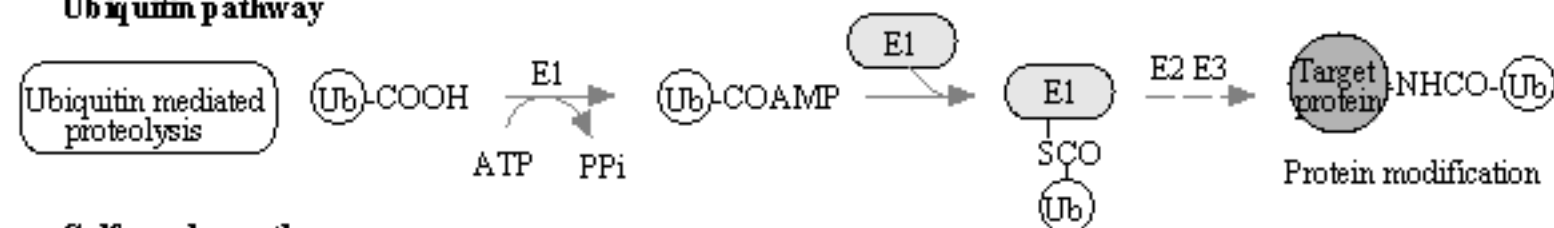


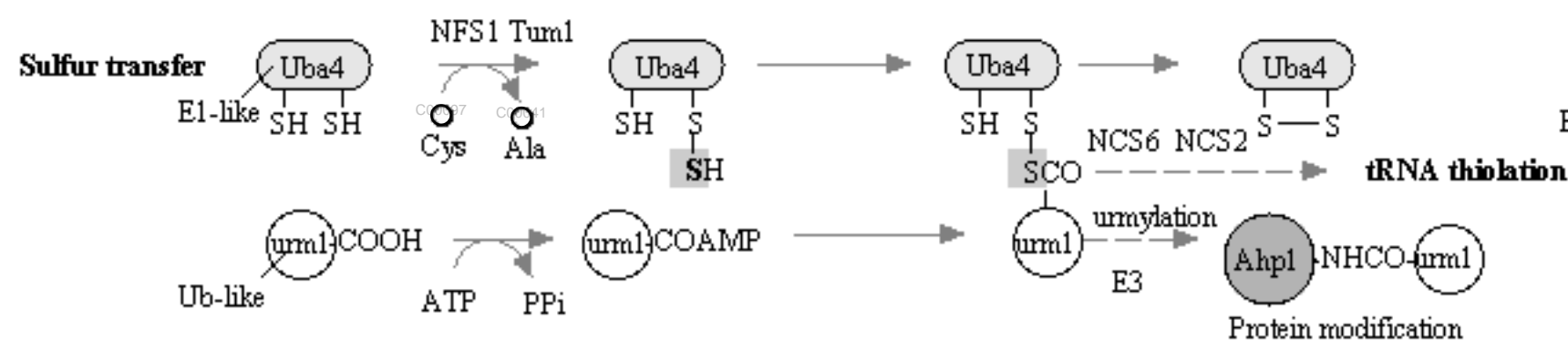
## SULFUR RELAY SYSTEM

### Ubiquitin pathway

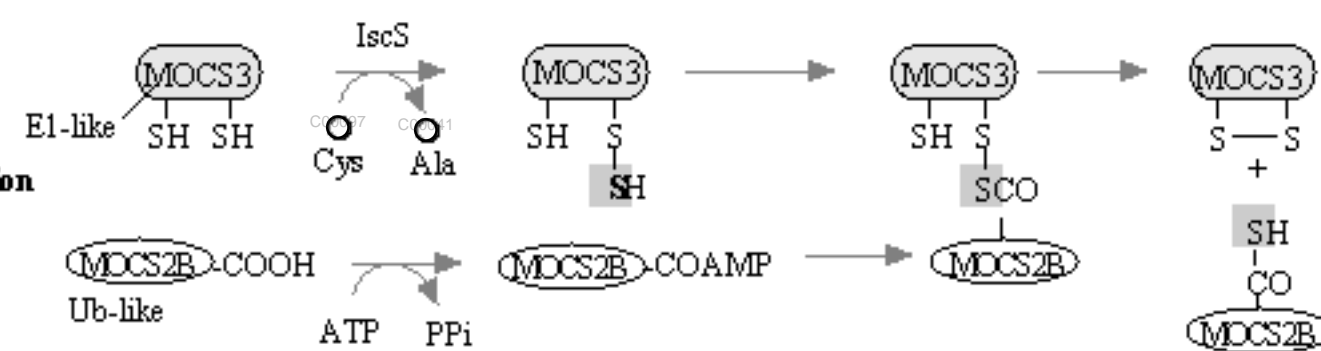


### Sulfur-relay pathway

**2-thiouridine biosynthesis** (*Saccharomyces cerevisiae*)

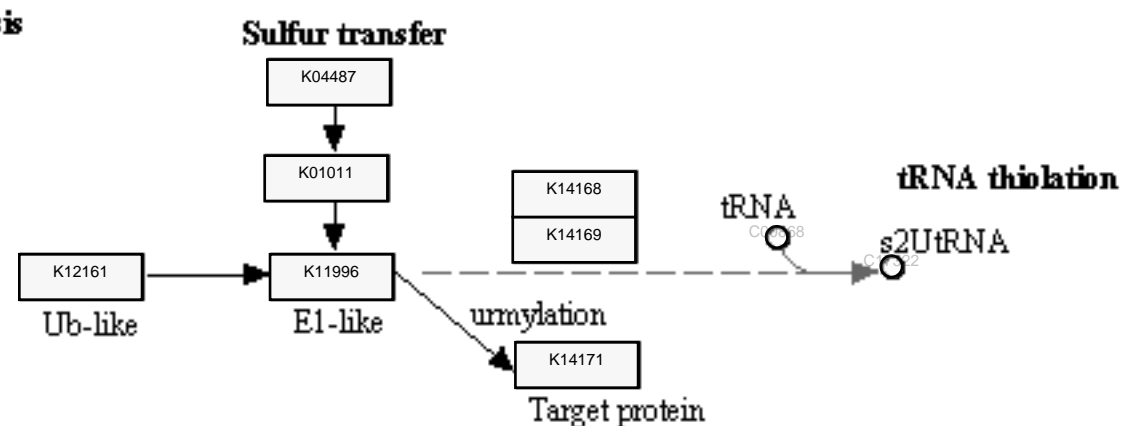
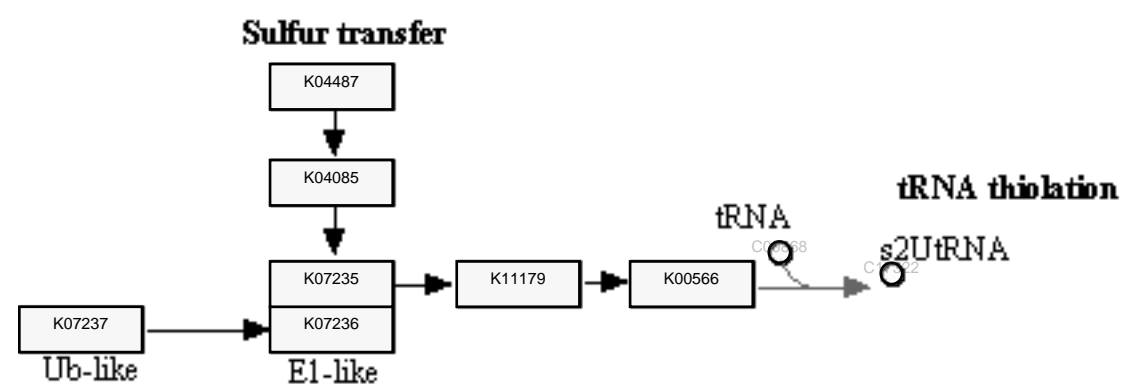


**Molybdenum cofactor (Moco) biosynthesis (Mammals)**



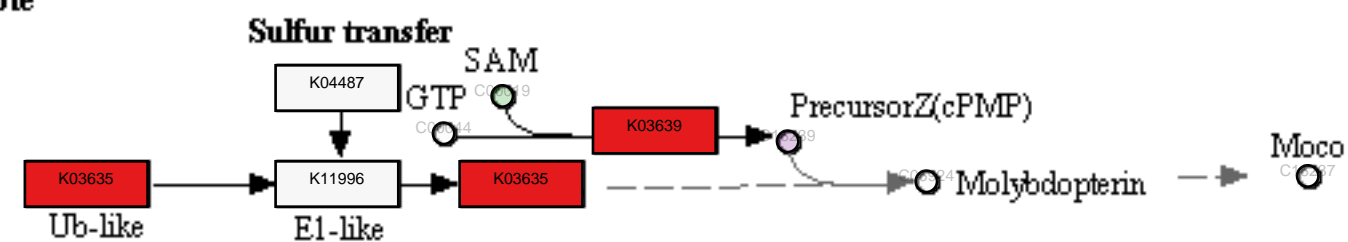
### 2-thiouridine biosynthesis

**Eukaryote**

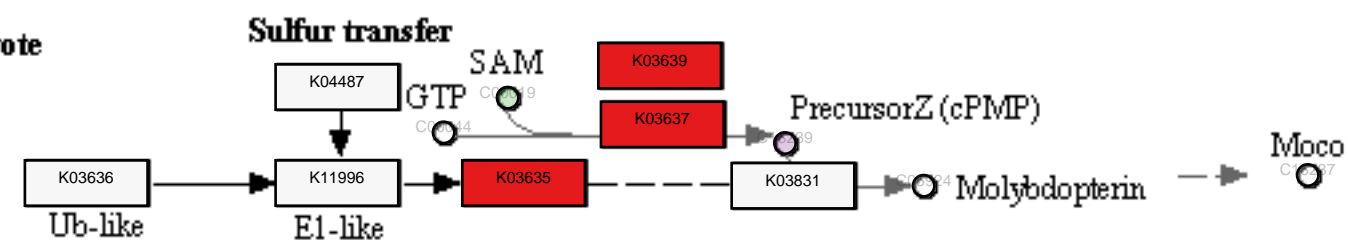
**Prokaryote**

### Moco biosynthesis

**Eukaryote**



## Prokaryote



### Thiamin biosynthesis

