Sulfur Cycle: GCF_000971475.1_ASM97147v1_genomic

$H_2S\ (-2)$

$S\ (0)$

$SO_3^{2-}\ (+4)$

$S_2O_3^{2-}\ (+2)$

$SO_3^{2-}\ (+4)$

$SO_4^{2-}\ (+6)$

Step1: Sulfide oxidation

Step2: Sulfur reduction

Step3: Sulfur oxidatic

Step4: Sulfite oxidation

Step5: Sulfate reduction

Step6: Sulfite reduction

Step7: Thiosulfate oxidation

Step8: Thiosulfate disproportionation 1

Step9: Thiosulfate disproportionation 2