_<

ATP+ 1-citwilline + appartate -> AMP + PR; + argininosucuinate

1/2

augininosucinate -> fumerate + auginine

3

arginine + HaO -> ornithine + wea

F

carbamoul phosphate + ornithine -> Pi + citrulline

Vs, forward

2 auginine + 3NADPH + 3H1 + 402 -> 2 atrulline + 2NO + 3NADP+ + 4H20

* 2 arginine + ZN*DPH+ 2H+ + 2b2 -> 2 nomega-hydroxy-L-arginine + 2NADP+ + 2H2O

1/2 reverse

* 2 Norwegaty droxy-L-arginine + NADPH + H+ + 202 -> 2 citrulline 2NO + NADA+ + 2H2O

ATS = 6

A= 18x4 A= 0x18 S=18x21