

The sensitivity to ornithine may be altered genetically or physiologically.

ota mutation ~~prevents~~ permits arg-5, arg-12^s genomes to grow on 100 μ g L-ornithine per ml. and prevents the use of ornithine, citrulline, or arginine by arg-8 and arg-9. It renders arg-8 non-leaky on minimal medium.

* The ota single mutant was first extracted from arg-5, arg-12^s; ota by crossing to wild type 74A. The single mutant was backcrossed 3 times to my isolate of 74A, and the strain described on the reverse of this page is an isolate ("reisolato 2") from the third backcross.