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Escherichia fergusonii

National Cancer Institute

Source

National Cancer Institute. *Escherichia fergusonii*. NCI Thesaurus. Code C86380.

A species of facultatively anaerobic, Gram negative, rod shaped bacterium assigned to the phylum Proteobacteria. This species is motile, indole positive, lysine decarboxylase, ornithine decarboxylase, and catalase positive, and negative for Voges-Proskauer, citrate utilization, urea hydrolysis, phenylalanine deamination, arginine dihydrolase, growth in KCN and fermentation of lactose, sucrose, myo-inositol, D-sorbitol, raffinose and alpha-methyl-D-glucose. *E. fergusonii* can be isolated from the intestinal tract of warm blooded animals and from contaminated beef. In humans, this bacteria is most commonly responsible for wound infections, urinary tract infections, bacteremia, diarrhea, and pleural infections.