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Staphylococcus simulans

National Cancer Institute

Source

National Cancer Institute. *Staphylococcus simulans*. NCI Thesaurus. Code C86773.

A species of facultatively anaerobic, Gram positive, cocci shaped bacteria in the phylum Firmicutes. This species is positive for catalase and urease and negative for oxidase, alkaline phosphatase and coagulase. It can ferment sucrose, mannitol, fructose, and lactose but not arabinose, cellobiose, turanose, xylose, or xylitol. *S. simulans* is found on human and animal skin and is a pathogen that can cause bumble foot disease and mastitis in animals and osteomyelitis and prosthesis related infections in humans.