

Name: ***Streptomyces wellingtoniae***

Authors: Kumar and Goodfellow 2010

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 60:774

Type strain: DSM 40632, NRRL B-1503

Author: Kumar Y; Goodfellow M;

Title: Reclassification of *Streptomyces hygrosopicus* strains as *Streptomyces aldersoniae* sp. nov., *Streptomyces angustmyceticus* sp. nov., comb. nov., *Streptomyces ascomycinicus* sp. nov., *Streptomyces decoyicus* sp. nov., comb. nov., *Streptomyces milbemycinicus* sp. nov. and *Streptomyces wellingtoniae* sp. nov.

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Api Zym

Genus: *Streptomyces* FH 8071

Species: *wellingtoniae*

Numbers in other collections: DSM 40632

Morphology:

| | | |
|--------------|----------------|----------------|
| | G | R |
| <u>ISP 2</u> | good | jet black |
| | A | SP |
| | traffic grey A | traffic grey B |
| | G | R |
| <u>ISP 3</u> | good | purple violet |
| | A | SP |
| | traffic grey A | none |
| | G | R |
| <u>ISP 4</u> | good | grey brown |
| | A | SP |
| | traffic grey A | none |
| | G | R |
| <u>ISP 5</u> | good | purple violet |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 6</u> | good | brown beige |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 7</u> | good | terra brown |
| | A | SP |
| | none | green brown |

Melanoid pigment: - + + +

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

Carbon utilization:

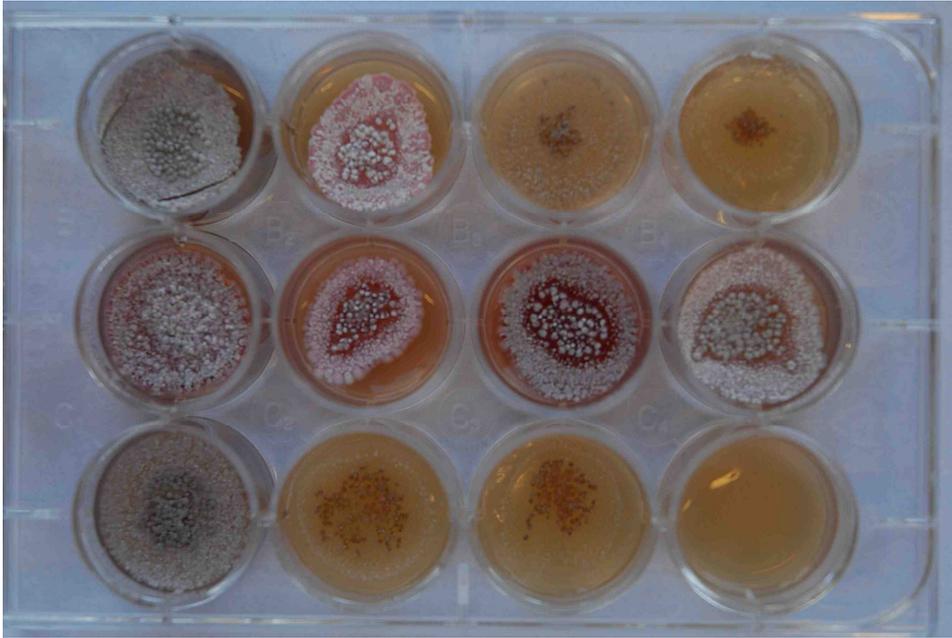
| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Ara | Suc | Xyl | Ino | Man | Fru | Rha | Raf | Cel |
| + | + | (+) | - | + | + | + | + | + | - |

Enzymes:

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2+ | 3+ | 4+ | 5+ | 6+ | 7+ | 8- | 9- | 10- | 11+ |
| 12+ | 13- | 14+ | 15- | 16+ | 17+ | 18+ | 19+ | 20- | |

Comments:





Use of carbohydrates

Compendium of Actinobacteria from Dr. Joachim M. Wink
University of Braunschweig