

HER  
1756

## Identification

<i>Genus</i>	<i>Species</i>	<i>Subspecies</i>	<i>Biovar</i>	<i>Serovar</i>
<i>Klebsiella</i>	<i>sp.</i>			
<i>Strain</i> M5al		<i>Aliases</i>		

## Growth conditions

<i>Temp.</i>	<i>Medium</i>	<i>Aerobic/Anaerobic</i>	<i>Agitation</i>	<i>Other</i>
30	LB		+	CaCl <sub>2</sub> and MgSO <sub>4</sub> 10 mM for phage propagation

## Lysogeny

## Phage sensitivity

HER 770 (KLB1)	HER 771 (KLB3)	HER 772 (KLB10)	HER 773 (KLB13)	HER 774 (KLB15)
HER 775 (KLB21)	HER 776 (KLB23)	HER 777 (KLB25)	HER 778 (KLB27)	HER 779 (KLB2)
HER 780 (KLB8)	HER 781 (KLB31)	HER 782 (KLB19)	HER 783 (KLB26)	HER 784 (KLB4)
HER 785 (KLB7)	HER 786 (KLB12)	HER 787 (KLB16)	HER 788 (KLB22)	HER 789 (JVSB2)
HER 790 (KLB5)	HER 791 (KLB24)	HER 792 (KLB28)	HER 793 (KLB29)	

*Reference*

HAMILTON, P. B. AND WILSON, P. W. 1955 Nitrogen fixation by *Aerobacter aerogenes*. In *Biochemistry of nitrogen*, pp. 139-150. A. I. Virtanen homage volume. Ann. Acad. Sci.Fennicae, II A. Chemica.

Yu Z, Li S, Li Y, Jiang Z, Zhou J, An Q. Complete genome sequence of N<sub>2</sub>-fixing model strain *Klebsiella* sp. nov. M5a1, which produces plant cell wall-degrading enzymes and siderophores. *Biotechnol Rep (Amst)*. 2017 Nov 22;17:6-9. doi: 10.1016/j.btre.2017.11.006.

*Remark*

Complete genome from Yu et.al (2017) available under accession [CP020657.1](https://ncbi.nlm.nih.gov/GenBank/ accession/CP020657.1)

## History

*History*

**Isolated by**

**Date**

Unknown.

Likely, first reference is HAMILTON, P. B. AND WILSON, P. W. 1955 Nitrogen fixation by *Aerobacter aerogenes*. In Biochemistry of nitrogen, pp. 139-150. A. I. Virtanen homage volume. Ann. Acad. Sci. Fennicae, II A. Chemica.

**Received from**

**Date**

Adam Deutschbauer

Lawrence Berkely National Laboratory

Berkeley, CA 94720

**Received from**

**Date**

Vivek K. Mutalik

Lawrence Berkely National Laboratory

Berkeley, CA 94720

**Received from**

**Date**

Matthew B. Sullivan

14-11-2024

Ohio State University

*Last update*