

The respiratory chain of *Klebsiella aerogenes* in urine-like conditions: critical roles of NDH-2 and *bd*-terminal oxidases

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List of materials:

Supporting Table 1 ----- S-2

Table S1. Queries used for identification of respiratory dehydrogenases and terminal oxidases in *K. aerogenes* 35029

Target	Query (Uniprot ID)	Gene ID (Start-End)
NDH-1	NuoA (F6AED2)	<i>nuoA</i> (3,817,621 - 3,818,067)
NQR	NqrA (A0A3S4EW66)	<i>nqrA</i> (1,069,054 – 1,070,400)
NDH-2 A	Ndh-2 A (F6AED2)	No Hit
NDH-2 B	NDH-2 B (C9Z4Z1)	No Hit
NDH-2 C	NDH-2 C (Q9I0F1)	NDH-2 C (5,018,136 – 5,019,338)
NDH-2 D ₁	NDH-2 D ₁ (A0A076JG49)	NDH-2 D ₂ – 1 (2,043,293 - 2,044,597) NDH-2 D ₂ – 2 (1,374,401 – 1,375,705)
NDH-2 D ₂	NDH-2 D ₂ (A0A0H3FSH0)	NDH-2 D ₂ – 1 (2,043,293 - 2,044,597) NDH-2 D ₂ – 2 (1,374,401 – 1,375,705)
NDH-2 D ₃	NDH-2 D ₃ (G2LGF2)	NDH-2 D ₂ – 1 (2,043,293 - 2,044,597) NDH-2 D ₂ – 2 (1,374,401 – 1,375,705)
NDH-2 D ₄	NDH-2 D ₄ (B2FIT3)	NDH-2 D ₂ – 1 (2,043,293 - 2,044,597) NDH-2 D ₂ – 2 (1,374,401 – 1,375,705)
NDH-2 D ₅	NDH-2 D ₅ (A5K6L8)	NDH-2 D ₂ – 1 (2,043,293 - 2,044,597) NDH-2 D ₂ – 2 (1,374,401 – 1,375,705)
SDH	SdhA (A0A377RD13)	<i>sdhA</i> (1,538,417 – 1,540,183)
LldD	LldD (A0A3S4JB82)	<i>lldD</i> (5,123,622 – 5,124,806)
Dld	Dld (A0A3S4I3H8)	<i>dld</i> (3,680,207 – 3,681,940)
MQH	Mqo1 (A0A3S4HV18)	<i>mqo1</i> (2,443,324 – 2,445,021)
	Mqo2 (A0A3S4G543)	<i>mqo2</i> (3,754,387 – 3,756,021)
	Mqo3 (A0A3S4KWQ9)	<i>mqo1</i> (2,443,324 – 2,445,021)
PetA	PetA (A0A3L0Y8D6)	No Hit
<i>bc₁</i>	Bc1 (A0A318G4S3)	No Hit
Qcr	QcrA (P0DOV3)	No hit
<i>fbc</i>	FbcC (Q02760)	No Hit
<i>caa₃</i>	CtaD (A0A5E7F276)	<i>cyoB</i> (1,233,856 – 1,235,847)
<i>aa₃</i>	QoxB (P34956)	<i>cyoB</i> (1,233,856 – 1,235,847)
<i>cbb₃</i>	CcoN (D9IA43)	No Hit
<i>bo₃</i>	CyoA (A0A0F1LA05)	<i>cyoA</i> (1,235,867 – 1,236,811)
<i>bd-I</i>	CydA (A0A094XD20)	<i>cydA-1</i> (1,548,196 – 1,549,764)
		<i>cydA-2</i> (2,551,178 – 2,552,581)
		<i>appC-1</i> (2,820,548 – 2,821,945)
		<i>appC-2</i> (2,723,533 – 2,724,942)
<i>bd-II</i>	AppB (A0A9Q7LR64)	<i>appB-1</i> (2,821,945 – 2,822,955)
		<i>appB-2</i> (2,724,944 – 2,725,954)
		<i>cydB-1</i> (1,549,780 – 1,550,919)
		<i>cydB-2</i> (2,552,581 – 2,553,581)

* Gene names are listed in the Gene ID column except for NDH-2, for which the protein name and class are listed.