

Ribosomal 16S rRNA Sequencing Shows That A Putative *yidC* *Escherichia coli* Knockout Strain Is Actually *Rhizobium*

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SUPPLEMENTAL MATERIAL

Sequences producing significant alignments:

Select: All None Selected:0

	Description	Max score	Total score	Query cover	E value	Ident	Accession
<input type="checkbox"/>	Rhizobium leguminosarum strain Vaf-108, complete genome	621	1864	96%	3e-174	100%	CP018228.1
<input type="checkbox"/>	Rhizobium sp. 6B partial 16S rRNA gene, strain 6B	621	621	96%	3e-174	100%	LN890696.1
<input type="checkbox"/>	Rhizobium sp. 20B partial 16S rRNA gene, strain 20B	621	621	96%	3e-174	100%	LN890695.1
<input type="checkbox"/>	Rhizobium sp. 20C partial 16S rRNA gene, strain 20C	621	621	96%	3e-174	100%	LN890694.1
<input type="checkbox"/>	Rhizobium sp. 21A partial 16S rRNA gene, strain 21A	621	621	96%	3e-174	100%	LN890693.1
<input type="checkbox"/>	Rhizobium sp. 21B partial 16S rRNA gene, strain 21B	621	621	96%	3e-174	100%	LN890692.1
<input type="checkbox"/>	Rhizobium tropici strain Q2-13 16S ribosomal RNA gene, partial sequence	621	621	96%	3e-174	100%	KX008303.1
<input type="checkbox"/>	Rhizobium sp. strain SCAUF144 16S ribosomal RNA gene, partial sequence	621	621	96%	3e-174	100%	KU947328.1
<input type="checkbox"/>	Rhizobium sp. strain SCAUF140 16S ribosomal RNA gene, partial sequence	621	621	96%	3e-174	100%	KU947327.1
<input type="checkbox"/>	Rhizobium sp. strain SCAUF133 16S ribosomal RNA gene, partial sequence	621	621	96%	3e-174	100%	KU947326.1
<input type="checkbox"/>	Rhizobium sp. strain SCAUF131 16S ribosomal RNA gene, partial sequence	621	621	96%	3e-174	100%	KU947325.1

FIG. S1 Sequence alignment results of a 400bp 16s rRNA region in WJKC-1 and WJKC-2 using NCBI nucleotide BLAST software. The 400bp 16s rRNA amplicons from WJKC-1 and WJKC-2 showed 100% sequence alignment with multiple subclasses of *Rhizobium*, such as *R.leguminosarum*, and laboratory-modified strains.