

Primer Name*	Primer Sequence (5' → 3')	Gene (Position)^{†‡}	Use
9Fa	GAGTTTGATCITIGCTCAG	16S rRNA (9)	Universal & Diagnostic PCR, Sequencing
10F ^a	AGTTTGATCATGGCTCAGATTG	16S rRNA (10)	PCR, Sequencing
319F	CTCCTACGGGAGGCAGCAGT	16S rRNA (339)	Sequencing
559F ^b	CGTGCCAGCAGCCGCGGTAATAC	16S rRNA (514)	Sequencing
559R	GTATTACCGCGGCTGCTGGCACG	16S rRNA (536)	Universal PCR, Sequencing
953F	ACAAGCGGTGGAGCATGTGGT	16S rRNA (934)	Sequencing
1072R	CGAGCTGACGACAICCATGC	16S rRNA (1072)	Sequencing
1507R ^a	ACCTTGTTACGACTTCACCCAG	16S rRNA (1507)	Universal PCR, Sequencing
1513R	TACIGITACCTTGTTACGACTT	16S rRNA (1513)	Universal & Diagnostic PCR, Sequencing
M13F	GTAAAACGACGGCCAG	CV (NA)	Universal PCR, Sequencing
M13R	CAGGAAACAGCTATGAC	CV (NA)	Universal PCR, Sequencing
Tet 199F	GGGAAAGATTTATTGGTT	16S rRNA (198)	Diagnostic PCR, Sequencing
Xan2F	GGGATAACGCATGGAAACGT	16S rRNA (146)	Diagnostic PCR, Sequencing
Xan2R	GGATTGGCTIICCTTCGCA	16S rRNA (1283)	Diagnostic PCR, Sequencing
Xan3R	GGCTAGCAGCCCTCTGTCCIT	16S rRNA (1264)	Diagnostic PCR, Sequencing
Burk-cl1-1F	AGTCGAACGGCAGCGCGGGT	16S rRNA (60)	Diagnostic PCR, Sequencing
Burk-cl1-3F	AACCCTGATCCAGCCATTC	16S rRNA (382)	Diagnostic PCR, Sequencing
Burk-cl2-2F	AATACCGCITACGCCCTTA	16S rRNA (171)	Diagnostic PCR, Sequencing
Burk-cl2-2R	GCAGCACCTGTGTICCA	16S rRNA (1054)	Diagnostic PCR, Sequencing
Burk-cl3-1F	ATAAAAGCTTACCAAGICA	16S rRNA (260)	Diagnostic PCR, Sequencing
Burk-cl3-1R	ACGAACCCIICCGTGGCAA	16S rRNA (1481)	Diagnostic PCR, Sequencing
Burk-gen-1R	TGTGTTCCGGTTCTCTTGCG	16S rRNA (1046)	Diagnostic PCR, Sequencing
Cv-Pse1F	GGACGGGTGAGTAGIGCTTG	16S rRNA (107)	Diagnostic PCR, Sequencing
Cv-Pse1R	CGGTTTTAIGGGATTGGCTT	16S rRNA (1292)	Diagnostic PCR, Sequencing
Cv-Ver4F	GTCTCGCATGAGATTIGAAC	16S rRNA (184)	Diagnostic PCR, Sequencing

Cv-Ver3R	<i>CAGTCGAGTTGCAGACTGCC</i>	<i>16S rRNA (1327)</i>	<i>Diagnostic PCR, Sequencing</i>
<i>nifH doli 1F</i>	<i>ACCCGCCTGATCCTGCACGC</i>	<i>nifH (139)</i>	<i>PCR, Sequencing</i>
<i>nifH doli 1R</i>	<i>TACGATGTAGATTICCTGGG</i>	<i>nifH (453)</i>	<i>PCR, Sequencing</i>
<i>nifH(for a)^c</i>	<i>GCIWTITAYGGNAARGGNGG</i>	<i>nifH (22)</i>	<i>PCR</i>
<i>nifH(rev)^c</i>	<i>GCRTAIABNGCCATCATYTC</i>	<i>nifH (482)</i>	<i>PCR</i>
<i>KAD^d</i>	<i>ATAGGATCCTGYGAYCCNAARGCNGA</i>	<i>nifH (109)</i>	<i>PCR</i>
<i>YAA^d</i>	<i>GACCTGCAGATRTTTRTTNGCNGCRTA</i>	<i>nifH (503)</i>	<i>PCR</i>
<i>Jerry^e</i>	<i>CAACATTTATTTTGATTTTTTGG</i>	<i>col (691)</i>	<i>Template quality PCR assays</i>
<i>Ben^e</i>	<i>GCTACTACATAATAKGTATCATG</i>	<i>col (1121)</i>	<i>Template quality PCR assays</i>

Table S1: Primers used for PCR and Sequencing.

*Names of diagnostic 16S rRNA primers are italicized.

^aPreviously reported in reference 30.

^bPreviously reported in reference 31.

^c Previously reported in reference 8.

^dPreviously reported in reference 7.

^ePreviously reported in reference 2.

†Position of 5' primer end. 16S rRNA gene position with respect to location within *E. coli* (GenBank Accession #U00096); *nifH* gene position with respect to *Bradyrhizobium japonicum* (Accession #BA000040). *coI* gene position with respect to *Drosophila simulans* (Accession #AF200841).

‡CV = pCR2.1 cloning vector from Invitrogen. NA = not applicable.