

<i>nifH</i> ID	Accession number	Study	Location reported	Closest cultivated relative (identity, <i>E</i> value)
UncM2172	ABV00657	Unpublished (Moisander and Subramaniam et al.)	Gulf of Guinea	<i>Vibrio diazotrophicus</i> (98 %, 1e-71)
Unc12217	ADV51755	Turk et al. (2011)	Tropical eastern N. Atlantic	<i>Agrobacterium tumefaciens</i> (83 %, 4e-55)
Unc18425	BAN66776	Unpublished (Shiozaki et al.)	Northern S. China Sea	<i>Pseudomonas stutzeri</i> (86 %, 1e-64)
Unc17727	ABV00657	Unpublished (Moisander and Subramaniam et al.)	Gulf of Guinea	<i>Klebsiella pneumoniae</i> (100 %, 4e-95)
Unc11967	ADV35118	Unpublished (Olson and Lesser)	Florida Keys	<i>Pseudanabaena cf. persicina</i> (97 %, 3e-78)
UncMa745	ABX39720	Moisander et al. (2008)	S. China Sea	<i>Pseudomonas stutzeri</i> (96 %, 1e-70)
UncPr802	AEA49463	Fernandez et al. (2011)	Eastern S. Pacific	<i>Vibrio natriegens</i> (96 %, 3e-74)
UncMa806	AAY60084	Langlois et al. (2005)	Atlantic Ocean	<i>Agrobacterium tumefaciens</i> (96 %, 1e-70)
UncM2163	ABF21183	Unpublished (Hewson and Fuhrman)	Amazon River	<i>Vibrio diazotrophicus</i> (81 %, 6e-55)
Unc12136	ADV51674	Turk et al. (2011)	Tropical eastern N. Atlantic	<i>Agrobacterium tumefaciens</i> (96 %, 2e-69)
Unc12270	ADV51808	Turk et al. (2011)	Tropical eastern N. Atlantic	<i>Vibrio diazotrophicus</i> (79 %, 1e-52)
UncMa747	ABX39731	Moisander et al. (2008)	S. China Sea	<i>Pseudomonas stutzeri</i> (84 %, 6e-60)
Unc12551	ADO20633	Halm et al. (2011)	S. Pacific Gyre	<i>Pseudanabaena cf. persicina</i> (95 %, 2e-70)
UncMa832	ABD62932	Unpublished (Foster et al.)	Atlantic Ocean	<i>Pseudomonas stutzeri</i> (84 %, 5e-60)
Unc15356	AER93057	Unpublished (Lopez)	Mexican oasis system soil	<i>Pseudanabaena cf. persicina</i> (95 %, 1e-78)
UncPr491	AEA49150	Fernandez et al. (2011)	Eastern S. Pacific	<i>Pseudanabaena cf. persicina</i> (98 %, 3e-76)
Unc12243	ADV51781	Turk et al. (2011)	Tropical eastern N. Atlantic	<i>Vibrio diazotrophicus</i> (80 %, 2e-54)