

Supplementary Table 1 | List of RefSeq or GenBank assembly IDs identified through reciprocal BLASTp searches.

Organism	Strain	Anec-GCD (AnecUT841_18170)	PqqA (AnecUT841_02715)	PqqB (AnecUT841_02710)	PqqC (AnecUT841_02700)	PqqD (AnecUT841_02690)	PqqE (AnecUT841_02680)
<i>A. junii</i>	CIP64.5	ENV66048.1					ENW67085.1
<i>A. junii</i>	SH205	EEY92852.1					EEY93799.1
<i>A. haemolyticus</i>	ATCC19194	EFF81592.1		EFF83701.1	EFF83702.1	EFF83703.1	EFF83704.1
<i>A. haemolyticus</i>	CIP64.3	ENW16521.1		ENW16204.1	ENW16203.1	ENW16202.1	ENW16201.1
<i>A. venetianus</i>	VE-C3	WP026094027.1					WP_026094089.1
<i>A. parvus</i>	CIP108168						ENU36475.1
<i>A. gyllenbergii</i>	CIP110306	EPF92470.1					EPF87932.1
<i>A. gyllenbergii</i>	NIPH230	ESK36484.1					ESK54831.1
<i>A. tjernbergiae</i>	DSM14971	WP023274719.1					WP_409360631.1
<i>A. beijerinckii</i>	CIP110307	ENW05585.1					ENW07912.1
<i>A. baumannii</i>	AB30	AIL79153.1		AIL80762.1	AIL80763.1	AIL80764.1	AIL80765.1
<i>A. baumannii</i>	ATCC17978	UZK37283.1	UZK40186.1	UZK38408.1	UZK38407.1	UZK38406.1	UZK38405.1
<i>A. baumannii</i>	SDF	CAO99975.1	CAP01312.1	CAP01313.1	CAP01314.1	CAP01315.1	CAP01316.1
<i>A. pittii</i>	PHEA-2	ADY82895.1		ADY81713.1	ADY81714.1	ADY81715.1	ADY81716.1
<i>A. oleivorans</i>	DR1	ADI89498.1	ADI90862.1	ADI90861.1	ADI90860.1	ADI90859.1	ADI90858.1
<i>A. soli</i>	CIP110264	ENV56100.1		ENV56793.1	ENV56794.1	ENV56795.1	ENV56796.1
<i>A. soli</i>	NIPH2899	ENV61021.1		ENV58932.1	ENV58933.1	ENV58934.1	ENV58935.1
<i>A. baylyi</i>	TG19579	WP004929611.1		WP_004928517.1	WP_011182533.1	WP_004928524.1	WP_004928529.1
<i>A. baylyi</i>	CIP107474	ENV53239.1		ENV53520.1	ENV53521.1	ENV53522.1	ENV53523.1
<i>A. ursingii</i>	CIP107286	ENV74911.1					ENV76918.1
<i>A. radiorisistens</i>	SH164	EEY87289.1					EEY87299.1
<i>A. radiorisistens</i>	SK82	EET83415.1					EET83405.1
<i>A. radiorisistens</i>	NBRC102413	BBL20679.1					BBL20668.1
<i>A. bouvetii</i>	CIP107468	ENV83789.1					ENV82838.1
<i>A. schindleri</i>	CIP107287	ENV44909.1					ENV43507.1
<i>A. schindleri</i>	TG19614	WP004891636.1					WP_004894859.1
<i>A. lwoffii</i>	SH145	EEY88731.1					EEY89759.1
<i>A. johnsonii</i>	XBB1	ALV72010.1					ALV72453.1
<i>A. johnsonii</i>	SH046	EEY96327.1					EEY96811.1
<i>A. harbinensis</i>	HITLi 7	KWQ05832.1					
<i>A. indicus</i>	CIP110367						ESK50003.1
<i>A. townneri</i>	CIP107472						
<i>A. tandoii</i>	CIP107469	EOR11343.1					EOR05387.1
<i>A. guillouiae</i>	CIP63.46	ENU57188.1					ENU58209.1
<i>A. guillouiae</i>	MSP418	EPH36241.1					EPH35221.1
<i>A. bereziniae</i>	CIP70.12	ENV96790.1		ENV91267.1	ENV91266.1	ENV91265.1	ENV91264.1
<i>A. germeri</i>	CIP107464	ENV34930.1		ENV32339.1	ENV32338.1	ENV32337.1	ENV32336.1
<i>A. larvae</i>	BRTC-1	AOA57798.1					AOA59951.1
<i>A. rudis</i>	DSM 24031						
<i>A. rudis</i>	CIP110305						
<i>A. brisouii</i>	CIP110357	ESK52468.1					ESK52939.1
<i>A. brisouii</i>	ANC4119	ENV46480.1					ENV48540.1
<i>A. brisouii</i>	SM1	KJV38085.1					KJV39459.1
<i>A. baretiae</i>	B5B	MBF7683228.1	MBF7682525.1	MBF7682524.1	MBF7682523.1	MBF7682522.1	MBF7682521.1
<i>A. baretiae</i>	B10AT	MBF7684405.1	MBF7685207.1	MBF7685208.1	MBF7685209.1	MBF7685210.1	MBF7685211.1
<i>A. rathckeae</i>	EC115	MBF7695683.1	MBF7694528.1	MBF7694527.1	MBF7694526.1	MBF7694525.1	MBF7694524.1
<i>A. rathckeae</i>	EC24	MBF7686785.1	MBF7687120.1	MBF7687121.1	MBF7687122.1	MBF7687123.1	MBF7687124.1
<i>A. boissieri</i>	ANC4422	SDB90403.1		SDB88623.1	SDB88617.1	SDB88607.1	SDB88604.1
<i>A. apis</i>	ANC5114	SNQ29204.1		SNQ28781.1	SNQ28780.1	SNQ28779.1	SNQ28778.1
<i>A. nectaris</i>	UT841 (This study)	AnecUT841_18170	AnecUT841_02715	AnecUT841_02710	AnecUT841_02700	AnecUT841_02690	AnecUT841_02680
<i>A. nectaris</i>	BB362	MCF9033282.1	MCF9035004.1	MCF9035003.1	MCF9035002.1	MCF9035001.1	MCF9035000.1
<i>A. nectaris</i>	EC034	MCF8999770.1	MCF8998247.1	MCF8998246.1	MCF8998245.1	MCF8998244.1	MCF8998243.1
<i>A. nectaris</i>	EC031	MCF9026716.1	MCF9026827.1	MCF9026828.1	MCF9026829.1	MCF9026830.1	MCF9026831.1
<i>A. nectaris</i>	CIP110549	ESK40566.1		ESK40195.1	ESK40194.1	ESK40193.1	ESK40192.1
<i>A. nectaris</i>	BB226	MCF9046285.1	MCF9045920.1	MCF9045919.1	MCF9045918.1	MCF9045917.1	MCF9045916.1
<i>A. pollinis</i>	SCC477	MBF7697693.1	MBF7697812.1	MBF7697813.1	MBF7697814.1	MBF7697815.1	MBF7697816.1
<i>A. pollinis</i>	SCC474	MBF7690223.1	MBF7690332.1	MBF7690331.1	MBF7690330.1	MBF7690329.1	MBF7690328.1
<i>A. pollinis</i>	FNA11	MBF7699507.1	MBF7700580.1	MBF7700579.1	MBF7700578.1	MBF7700577.1	MBF7700576.1
<i>A. pollinis</i>	FNA3	MBF7693507.1	MBF7692841.1	MBF7692842.1	MBF7692843.1	MBF7692844.1	MBF7692845.1