

Table S2. Association between LasR function, colony morphology, and growth with nitrate^a

Phenotype	Genotype	
	Wild type LasR (n=1996)	Inactivating mutation (n=268)
Lysis, sheen, or both ^b	171 (8.6 ^c)	190 (70.9)
Neither lysis nor sheen	1825 (91.4)	78 (29.1)
NO ₃ growth advantage ^d	170 (8.5)	69 (25.7)
No NO ₃ growth advantage	1826 (91.5)	199 (74.3)
Lysis, sheen, and NO ₃ growth advantage ^e	18 (0.9)	44 (16.4)

^aIsolates for which we could not determine LasR functionality are not included.

^bColony morphology of isolates grown on LB agar as described in Ref. 3.

^cData in parentheses represents the percent of isolates with specific phenotype.

^dGrowth advantage with nitrate (NO₃) supplementation as described in Ref. 18.

^eIsolates that display lysis and sheen and have increased growth with nitrate.