

ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	Accessions	Mutation	Oligo	Impact
	Lysobacter/68	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				A12G, C20T	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
	Hyphomonas/85	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				G15A, C18T, C20T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Azospirillum/191	8	1	A5G, A8C, C11T, C12T, C17G, T20C	Forward	Not Detected
				C6A, G10-, C20T, +15C	Probe	
				G14T, T5T, A1-	Reverse	
			1	A5G, A8G, C11T, C12T, C17G, T20C	Forward	Not Detected
				C6A, G10-, C20T, +15C	Probe	
				G14T, T5T, A1-	Reverse	
			2	A5G, A8G, C11T, C12T, C17G	Forward	limited coverage (excluded)
				T1G, G3C, C6G, G10-, G14A, C20T, +15C	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, A8G, C12T, C14T, C17G	Forward	Not Detected
				T1G, C6G, G10-, T16C, C20T, +17A	Probe	
				G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
			3	A5G, A8G, C11T, C12T, C17G, T20C	Forward	limited coverage (excluded)
				T1G, G3C, C6A, G10-, G14A, C20T, +15C	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Azospirillum lipoferum/193	4	4	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)
				C6A, G10-, C20T, +15C	Probe	
				G14T, T5T, A1-	Reverse	
	Achromobacter/222	5	1	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G8T, A1-	Reverse	
			2	A8C, C12A, T20C, G21C	Forward	Not Detected
				T1C, T7-, G9C, G10C, T17G, G19A, G25T, +13C	Probe	
				G16G, C3-, G2-, A1-	Reverse	
			1	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				G3A, G10-, G13A, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G7G, T5G, A1-	Reverse	
			1	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, G13A, T16C, C18G, C21A, C24T, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C		

	Brucella/234	3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11A, G15C, C20T	Probe	
				G14T, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11A, G15C, C20T, C24T	Probe	
				G14T, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17A	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15A	Probe	
				G14T, G10T, C9A, T5T, G2-, A1-	Reverse	
	Comamonas testosteroni/285	4	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, C24T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			2	G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pseudomonas/286	7	1	A5G, G6T, A8G, C12T, C17G	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3C, C6G, G10-, C20T, +15C	Probe	
				G16T, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17T, T20C	Forward	limited coverage (excluded)
				G8-, T16A, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
			2	A5G, G6T, A8G, C12T, T20C	Forward	Not Detected
				T1A, C2G, G3C, G10-, C18T, C20T, +15C	Probe	
				G14T, G13T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
				A5G, G6T, A8G, C12T, T20C	Forward	

Pseudomonas aeruginosa/287		31	1	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6A, G10-, C18G, C21T, +21G	Probe	
				T15G, G14T, G8T, A1-	Reverse	
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C14T	Forward	limited coverage (excluded)
				G8-, T16A, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
			1	G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			16	A5G, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, C24T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17T, T20C	Forward	limited coverage (excluded)
				G8-, T16A, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
			3	A5G, G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			7	G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Pseudomonas putida/303		2	1	G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G10-, G13A, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, T20C	Forward	Not Detected
				T1A, C2G, G3C, G10-, C18T, C20T, +15C	Probe	
				G14T, G13T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
Stutzerimonas stutzeri/316		9	5	A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3C, C6G, G10-, C20T, +15C	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, C17G	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G10-, G13A, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17T, T20C	Forward	limited coverage
				G8-, T16A, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	

					G8-, T16A, C18G, C21G, C24T, +20T	Probe	(excluded)			
					G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse				
				1	A5G, G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)			
					G8-, T16C, C18G, C21G, C24T, +20T	Probe				
G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse									
	Xanthomonas/338	2	2		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)			
					G10-, T16C, C18G, C20T, +16A	Probe				
					T15G, G14T, G13G, G8T, G7G, A1-	Reverse				
	Xanthomonas campestris/339	4	3		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)			
					A12C, C20T, C21G	Probe				
					G16G, G14T, G8T, G7G, A1-	Reverse				
			1	A5C, G6T, A8G, C12T	Forward	limited coverage (excluded)				
				C6G, G10C, C11A, G15C, T17G, C18G, G19A, C20T	Probe					
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse					
	Xanthomonas citri/346	102	15		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)			
					A12G, G15T, C20T, C21G	Probe				
					G16G, G14T, G8T, G7G, A1-	Reverse				
			10		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C	Forward	limited coverage (excluded)			
					G10-, C18G, C21T, +21G	Probe				
					G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse				
			1		A5C, G6T, A8T, C12T, C17G, T20C	Forward	limited coverage (excluded)			
					G10-, T16C, C18G, C21T, +21G	Probe				
					G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse				
			76		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)			
					G10-, T16C, C18G, C20T, +16A	Probe				
					T15G, G14T, G13G, G8T, G7G, A1-	Reverse				
				Xanthomonas oryzae/347	28	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G	Forward	limited coverage (excluded)
								G10T, A12C, G15A, C20T	Probe	
G16G, G14T, G8T, G7G, A1-	Reverse									
9		A5C, G6T, A8G, C12T, C14T				Forward	limited coverage (excluded)			
		C6G, G10C, C11A, G15C, T17G, C18G, G19A, C20T				Probe				
		G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-				Reverse				
17		A5C, G6T, A8G, C12T, C14T, A19G				Forward	limited coverage (excluded)			
		C6G, G10C, C11A, G15C, T17G, C18G, G19A, C20T				Probe				
		G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-				Reverse				
1		A5C, G6T, A8G, C12T, C14T				Forward	limited			
		C6G, G10C, C11A, G15C, T17G, C18G, G19A,				Probe				

			1	C20T		coverage (excluded)
				G14T, C12C, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
				G6T, A8G, C11T, C12T, C17T	Forward	
	Azotobacter/352	1	1	G10-, C18T, C20T, +18T	Probe	Not Detected
				G14T, G10T, G8T, T5T, A1-	Reverse	
	Azotobacter chroococcum/353	1	1	G6T, A8G, C11T, C12T	Forward	Not Detected
				G8-, C20T, +15C	Probe	
				G14T, G8T, T5T, A1-	Reverse	
	Azotobacter vinelandii/354	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, +17CT	Forward	limited coverage (excluded)
				G8-, C18T, C20T, +15C	Probe	
				G14T, G8T, T5T, A1-	Reverse	
	Agrobacterium/357	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10-, C20T, +17T	Probe	
				G14T, G8T, T5T	Reverse	
			1	A5C, G6T, A8G, C12T	Forward	Not Detected
				T1G, G10-, C20T, +15C	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
			3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11A, G15T, C20T	Probe	
				G14T, T5T, A1-	Reverse	
			4	A5T, G6T, C11T, C12T, C17A	Forward	Not Detected
				T1G, G3C, G10-, C20T, +17T	Probe	
				G14T, G8T, T5T	Reverse	
			2	A5T, G6T, A8G, C12T	Forward	Not Detected
				T1G, G10-, C20T, +17T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G16A, G14T, G10T, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G14T, G10T, T5T, A1-	Reverse	
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, C6T, G10-, C20T, +15C	Probe	
				G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Agrobacterium tumefaciens/358	40	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10C, C11A, G15C, C20T, C21T	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	
				T1G, G3C, G10C, C11A, G15T, C20T	Probe	
				G14T, T5T, A1-	Reverse	

			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G16G, G14T, G10T, T5T, A1-	Reverse	
			12	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G16G, G14T, G10T, G7T, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15C	Probe	
				G16G, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
			11	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
	Rhizobium rhizogenes/359	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11A, G15C, C20T	Probe	
				G14T, T5T, A1-	Reverse	
	Agrobacterium radiobacter/362	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
	Bradyrhizobium/374	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, G10A, A12C, G15C, C18T, C20T	Probe	
				G16G, G14T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, G10A, A12C, G15C, C18T, C20T	Probe	
				G14T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11A, G15C, C20T	Probe	
				G14T, T5T, A1-	Reverse	
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G8-, C20T, +15C	Probe	
				G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5T, G6T, A8G, C12T	Forward	Not Detected
				T1G, G10C, C11A, G15T, C20T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5T, G6T, A8G, C12T	Forward	Not Detected
				T1G, G10-, C20T, +17T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	

Rhizobium/379		14	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G14T, G10T, T5T, A1-	Reverse	
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10-, C20T, +17T	Probe	
				G14T, G13T, G8T, T5T	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11A, G15C, C20T	Probe	
				G14T, T5T, A1-	Reverse	
			3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, C6T, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
Sinorhizobium meliloti/382		3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11A, G15C, C20T	Probe	
				G14T, T5T, A1-	Reverse	
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
Rhizobium leguminosarum/384		2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, G10-, C20T, +17T	Probe	
				G16G, G14T, G8T, T5T	Reverse	
Rhizobium phaseoli/396		6	6	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
Neorhizobium galegae/399		1	1	A5T, G6T, C12T	Forward	Not Detected
				T1G, G3C, G10-, C20T, +15C	Probe	
				G16G, G14T, G10T, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, C11T, A12C, G15C, C18T, C20T	Probe	
				G16G, G14T, T5T, A1-	Reverse	
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited

	Methylorubrum extorquens/408	3	1	T1G, A12C, G15C, T17C, C18T, C20T	Probe	coverage (excluded)
				G16G, G14T, G4T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				T1G, A12C, G15C, C18T, C20T, C21T	Probe	
				G16G, G14T, G4T, A1-	Reverse	
				Methylobacterium organophilum/410	1	1
T1G, G8-, C20T, C21T, +15C	Probe					
G16A, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse					
	Methylococcus capsulatus/414	1	1	A5G, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C20T, C21G, C24T, +19T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Alcaligenes faecalis/511	2	1	A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, G13A, T16C, C18G, C21G, C24T, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, G13A, T16C, C18G, C21A, C24T, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Ochrobactrum/528	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
	Chromobacterium/535	1	1	A5C, G6T, A8G, C12T	Forward	Not Detected
				G8-, C20T, +15T	Probe	
				T15G, G14T, G13T, G8T, T5T, A1-	Reverse	
	Enterobacter/547	3	3	C12T, C17A, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3T, G8-, C21G, C24T, +15C	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Enterobacter cloacae/550	1	1	C12T, C17A, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3T, G8-, C21G, C24T, +15C	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Serratia/613	1	1	C12T, C17G, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3T, G8-, T17C, C21G, C24T, +15C	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Aeromonas hydrophila/644	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Nitrobacter/911	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1A, C2G, G3T, C6T, G10A, C11G, A12C, G19A, C20T	Probe	
				G16G, G14T	Reverse	
				A5C, G6T, A8G, C12T, T20C	Forward	

	Nitrosomonas eutropha/916	1	1	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, G13A, T16C, C18G, C21G, C24T, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Thermithiobacillus tepidarius/929	1	1	A5G, G6T, A8T, C12T	Forward	limited coverage (excluded)
				G10-, C18G, C20T, C21T, C24T, +21G	Probe	
				G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Blastochloris viridis/1079	3	3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17T, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3C, C6G, G10T, A12G, G15C, C20T	Probe	
				G16G, G14T, A1-	Reverse	
	Porphyrobacter/1111	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, C20T, A23T, C24T	Probe	
				G16G, G14T, G10T, A1-	Reverse	
	Micrococcus/1269	2	2	A5C, A8G, C12T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C6G, A12G, G15C, C20T, C21A	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Micrococcus luteus/1270	11	2	A5C, G6A, A8C, C14G, C17G, A19T, T20C	Forward	limited coverage (excluded)
				T1C, A12C, G15C, T16G	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5C, A8T, C12A	Forward	limited coverage (excluded)
				T1A, C2G, A12-, G19T, C20G, +4T	Probe	
				G13G, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			8	A5C, A8G, C12T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C6G, A12G, G15C, C20T, C21A	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Micrococcus lylae/1273	1	1	A5C, A8G, C12T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C6G, A12G, G15C, C20T, C21A	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Dermacoccus nishinomiyaensis/1274	1	1	C12A, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G3C, G8T, G9A, A12-, C21G, G25A, +6G	Probe	
				G13G, G10T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Kocuria rosea/1275	1	1	A5C, A8C, C12T, T20C	Forward	limited coverage (excluded)
				T1C, C2A, G3C, A12C, G15T	Probe	
				reverse_missing	Reverse	
	Renibacterium salmoninarum/1646	3	3	A5T, A8G, C12T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, G15T, C20T, C24T	Probe	
				reverse_missing	Reverse	
	Actinomyces viscosus/1656	1	1	A5C, A8C, C12A	Forward	limited coverage (excluded)
				T1C, C2G, G3T, C6G, G8T, G9C, G10T, A12G, T17G, C18G, C20T	Probe	
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Brevibacterium linens/1703	1	1	A5G, A8C, C11T, C12A T1C, C2A, G3C, C6G, G8T, G9C, G10A, T17G, C18G, C20T G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Corynebacterium/1716	3	1	A5T, A8T, C12A T1C, C2G, G3C, G8T, G10T, A12T, G15T, C18T, G25A G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			1	A5G, A8T, C12A, C14T T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A G8T, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
			1	A5G, A8C, C12A, C14T T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A G8T, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
	Corynebacterium glutamicum/1718	14	4	A5C, A8G, C12A T1G, G3A, C21G G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			9	A5C, A8G, C12A T1G, G3A, C21G, +10G G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			1	A5C, A8T, C12T, A19G, T20G C2A, G3C, A4G, T7A, G9C, G10T, C11G, A12C, G15T, G19A, C20G G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Acidipropionibacterium jensenii/1749	1	1	A5G, C7T, A8C, C12T T1C, C6G, G10T, A12G, T16A, C18G, C21G, A23T, G25A G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Mycobacterium/1763	6	1	A1-	Reverse	Detected
			1	A5G, A8T, T20C G10T, G15A G10T, A1-	Forward Probe Reverse	Not Detected
			1	A5G, A8T, C11T, C14G G10T, A12G G10T, G4T, A1-	Forward Probe Reverse	Not Detected
			1	A5G, A8C, C14G, T20C C6G, G10T, A12G G10T	Forward Probe Reverse	Not Detected
			1	A5C, G6A, A8C, C12T, C17T, T20C T1C, C2G, A4T, A12G, G15C, C18T, C20T T15G, G14T, G8T, G7G, T5T	Forward Probe Reverse	Not Detected

			1 forward_missing T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, C20T G14T, A1- Forward Probe Reverse limited coverage (excluded)
			8 A5G, A8C, C12T, C14T C6A, G10T, C20T G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1- Forward Probe Reverse limited coverage (excluded) 7 A5T, A8C C6G, G10T, A12T, C18T G16G, G7T, G4T, A1- Forward Probe Reverse Not Detected 3 A8C, C12T C2G, C6G, G10A, C11T, A12G, C20T G14T, G10T, C3-, G2-, A1- Forward Probe Reverse Not Detected 1 G1-, G2-, G3-, T4-, A5-, A8C, C11T, C14G, T20C G10T, A12G, T22G G16T, T15G, G14T, G13T, A1- Forward Probe Reverse Not Detected 5 forward_missing T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, C18T A17C, A1- Forward Probe Reverse limited coverage (excluded) 1 G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-, T18-, A19-, T20- T1C, A12G, G15T, T16G, C18G C3-, G2-, A1- Forward Probe Reverse limited coverage (excluded) 1 A5T, A8C, C12A, A19T, T20C T1C, C2G, G10C, C11A, A12G, G19T, C20G, G25A A6-, T5-, G4-, C3-, G2-, A1- Forward Probe Reverse limited coverage (excluded)
			48 No Mutations NA Detected 1 G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9- Forward limited coverage (excluded) 1 G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15- Forward limited coverage (excluded)
			1 A5G, A8C, C11T, C14G G10T, A12G G10T, G4T, A1- Forward Probe Reverse Not Detected 1 A8G, C12T, C14T C6G, G10T, G15A, T17G, C18G, C20T, C21G, A23G, C24T T5-, G4-, C3-, G2-, A1- Forward Probe Reverse Not Detected 1 A8C, C12T, C14T C6G, G10T, T17G, C18G, C20T, C21G, C24T G16G, G14T, G7T, G4G Forward Probe Reverse Not Detected
			forward_missing Forward

	Mycobacterium intracellulare/1767	12	12	reverse_mycob	reverse	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, C18T	Probe	
				A17C, A1-	Reverse	
	Mycobacterium kansasii/1768	13	13	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C11T, C14G, A19T, T20C	Forward	limited coverage (excluded)
				T1C, A12G, T16G	Probe	
				T15C, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mycolicibacterium smegmatis/1772	5	2	A8C, C12T	Forward	Not Detected
				C6G, G10T, A12G, T17G, C18G, C20T, C21G, C24T	Probe	
				G16G, G14T, G7T, A1-	Reverse	
			3	A5G, G6A, A8C, C14G, C17G, A19T, T20C	Forward	Not Detected
				T1C, A12G, G15T, T16G, C18G	Probe	
				C3-, G2-, A1-	Reverse	
	Mycobacterium tuberculosis/1773	782	740	No Mutations	NA	Detected
			6	A1-	Reverse	Detected
			1	G1-	Forward	Detected
			7	G2-, A1-	Reverse	Detected
			2	G4T	Reverse	Detected
			1	T22G	Probe	Detected
			1	C24T	Probe	Detected
			1	G10T	Probe	Detected
			1	T4A	Forward	Detected
			1	C21T	Probe	Detected
			1	C17T, +7T	Forward	Not Detected
			1	+15G	Forward	Detected
				+2A	Probe	
			2	G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	limited coverage (excluded)
			1	T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	limited coverage (excluded)
			1	C6A	Probe	limited coverage (excluded)
				G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	+17C	Forward	Not Detected
				+15T	Probe	
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-	Forward	limited coverage (excluded)
			1	G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	limited coverage (excluded)
			1	T17C, G19T	Probe	limited coverage (excluded)
				G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
						limited

			4	reverse_missing	Reverse	coverage (excluded)
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-	Forward	limited coverage (excluded)
			1	G1-, G2-	Forward	limited coverage (excluded)
				reverse_missing	Reverse	
			1	G25-	Probe	limited coverage (excluded)
				reverse_missing	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-	Probe	
			1	G9-, G10-, C11-, A12-, G13-, G14-, G15-, T16-, T17-, C18-, G19-, C20-, C21-, T22-, A23-, C24-, G25-	Probe	limited coverage (excluded)
				reverse_missing	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A15-, G21-	Forward	limited coverage (excluded)
				C2T, G3C, G15-, C21-	Probe	
				C12-	Reverse	
	Mycobacterium xenopi/1789	1	1	G1-, A5C, A8C, C12A, A19T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, G10-, G19T, C20G, G25A, +15A	Probe	
				G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mycolicibacterium chubuense/1800	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, G15-, T16-, C20T	Probe	
				G14T, A1-	Reverse	
	Mycobacterium tuberculosis variant microti/1806	8	2	No Mutations	NA	Detected
			6	G10T	Probe	Detected
	Amycolatopsis/1813	1	1	A8G, C12T, T20C	Forward	limited coverage (excluded)
				T1G, G15C, T16A, T17C, C20T	Probe	
				reverse_missing	Reverse	
	Amycolatopsis methanolica/1814	1	1	A5C, A8C, C12T, T20C	Forward	limited coverage (excluded)
				G10A, A12C, G15A, T17G, C18G	Probe	
				G16G, T15T, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Nocardia asteroides/1824	1	1	A5C, A8C, C12A, C17T, T20C	Forward	Not Detected
				G10T, G15C, T17G, C18G, C20T	Probe	
				G16G, G13T, A1-	Reverse	
	Rhodococcus/1827	4	2	C12T, C14T, C17G, T20C	Forward	Not Detected
				C6G, G10T, A12C, T17G, C18G, C20T, C21G	Probe	
				G16G, G14T, C3-, G2-, A1-	Reverse	
			1	A5T, G6A, A8C, C14G, C17A, T18C, T20C	Forward	Not Detected
				T1G, T16A, C21G	Probe	
				G7T, C3-, G2-, A1-	Reverse	
				A5C, G6A, A8C, C14G, C17G, T18C, T20C	Forward	

			1	T1G, G3T, T16A, C21G	Probe	Not Detected		
				G10T, G7T, C3-, G2-, A1-	Reverse			
Rhodococcus erythropolis/1833	3	2		A5T, G6A, A8C, C14G, C17A, T18C, T20C	Forward	Not Detected		
				T1G, T16A, C21G	Probe			
				G7T, C3-, G2-, A1-	Reverse			
			1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, C14G, C17A, T18C, T20C	Forward	limited coverage (excluded)	
					T1G, T16A, C21G	Probe		
					G7T, C3-, G2-, A1-	Reverse		
Nocardioides/1839	3	1		A5T, A8T, C12G, C14G	Forward	limited coverage (excluded)		
				T1G, C6G, G10T, A12C	Probe			
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse			
		1		G1-, G2-, G3-, T4-, A5-, A8C, C12A, T20C	Forward	Not Detected		
				T1G, C5G, G10T, A12G	Probe			
				G16G, G8T, C3-, G2-, A1-	Reverse			
		1		A5C, A8G, C12T, C17G	Forward	Not Detected		
				C6G, G10T, A12G, G15C, T17G, C18G, G19T, C20G, G25A	Probe			
				G14T, A1-	Reverse			
		Geodermatophilus obscurus/1861	1	1		A5G, A8C, C12G, C14G, T20C	Forward	limited coverage (excluded)
						T1C, C6G, T7-, G9T, T16C, C18G, C21T, G25C, +22T	Probe	
						G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Streptomyces/1883	7	1		A5C, A8G, C12T, T18C, T20C	Forward	limited coverage (excluded)		
				T1A, C2G, G15T, T16G, C20T	Probe			
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse			
		1		A5C, A8G, C11T, C12T, C17G, T18C, T20C	Forward	limited coverage (excluded)		
				T1A, A12C, T16G, C18G, C20T	Probe			
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse			
		1		A5C, A8C, T20C, G21A	Forward	Not Detected		
				T1C, C2G, G3C, G10T, G15C, T17G, C18G	Probe			
				T15C, G14T, G13G, G7G, C3-, G2-, A1-	Reverse			
		1		A5C, A8G, G9T, C12T, T18C	Forward	limited coverage (excluded)		
				T1A, C2A, G15T, T16G, C20T	Probe			
				reverse_missing	Reverse			
		1		A5C, A8C, C12T, T18C, T20C	Forward	limited coverage (excluded)		
				T1G, A4G, A12C, G15C, T16A, T17C, C20T	Probe			
				T15G, G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse			
		1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T18C, T20C	Forward	limited coverage (excluded)		
				T1G, A12C, G15C, T16G, C20T	Probe			
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-,	Reverse			

				G7-, A6-, T5-, G4-, C3-, G2-, A1-		
			1	A5C, A8C, G21A	Forward	limited coverage (excluded)
				T1C, C2G, G3C, G10T, G15C, T17G, C18G, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Streptomyces halstedii/1944	1	1	A5C, A8G, C12T, C17G, T18C, T20C	Forward	limited coverage (excluded)
				T1G, A12C, T16G, C18G, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Curtobacterium/2034	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, +20CAA	Probe	
				A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mobiluncus curtisii/2051	3	3	A5T, G6A, A8G, C12A	Forward	limited coverage (excluded)
				T1C, G3T, G8T, G10T, A12C, C20T, C24T, G25A	Probe	
				G16G, G13T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Gordonia/2053	2	1	A5T, A8C, C12T, T20C	Forward	Not Detected
				C6G, G10T, A12G, G15C, T17G, C18G, G19T, C20G, G25A	Probe	
				G14T, A1-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				G9C, G10C, G14-, G15-, T16-, T17-, G25C	Probe	
				G7G, A6C, A1-	Reverse	
	Gordonia bronchialis/2054	1	1	A5C, C7T, A8C, C12A, A19G, T20C	Forward	Not Detected
				T1C, C2G, G3A, G10-, G25A, +15C	Probe	
				G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pseudonocardia autotrophica/2074	1	1	A5C, A8G, C12T	Forward	Not Detected
				T1C, A12G, T16A, C18G, C20T	Probe	
				T15C, G14T, A1-	Reverse	
	Arabidopsis thaliana/3702	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
	Glycine max/3847	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				G8-, C18G, C24T, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5C, G6T, A8C, C12T	Forward	Not Detected
				G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
				G3T A8- C12T C17G	Forward	

Acidovorax/12916		10	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	Not Detected
				T1C, G10-, T16A, C18G, C21T, +21G	Probe	
				G14T, G8T, T5T, A1-	Reverse	
			1	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				G3A, G10-, T16G, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7A, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			2	A5C, G6T, A8T, C12T, C17G, T20C	Forward	limited coverage (excluded)
G10-, T16C, C18G, C20T, C21T, +21G	Probe					
G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse					
1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)			
	C6T, G10-, T16C, C18G, C21T, +21G	Probe				
	T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse				
1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)			
	T1C, G3C, G10-, T16C, C18G, C21T, +21G	Probe				
	G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse				
1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)			
	G10-, T16C, C18G, C21T, +21G	Probe				
	G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse				
Acidovorax facilis/12917		1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G10-, G13A, T16C, C18G, C21T, +22T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Sphingomonas/13687		1	1	A5C, G6T, A8G, C12T, C14T	Forward	Not Detected
				T1G, C20T	Probe	
				G14T, C9A, G7G, T5T, A1-	Reverse	
Sphingobium yanoikuyae/13690		1	1	A5T, G6T, A8T, C12T	Forward	Not Detected
				T1G, C6G, G10T, A12G, C18T, C20T	Probe	
				G16G, G14T, G8T, G7T, A1-	Reverse	
Corynebacterium flaveszens/28028		1	1	A5G, A8T, C12A, C14T	Forward	Not Detected
				T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A	Probe	
				G8T, C3-, G2-, A1-	Reverse	
Rhodoferax/28065		2	2	A5G, G6T, A8G, C12T, C17A, T20C	Forward	limited coverage (excluded)
				G10-, T16C, T17C, C18G, C21A, C24T, +21A	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited

	Rubrivivax/28067	1	1	<table><tr><td>G10C, C11A, A12G, C18T, C20T</td><td>Probe</td><td rowspan="2">limited coverage (excluded)</td></tr><tr><td>G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	G10C, C11A, A12G, C18T, C20T	Probe	limited coverage (excluded)	G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																																																		
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	Brachymonas/28219	1	1	<table><tr><td>G6T, A8G, C12T</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>G3C, G10-, T16C, C18G, C21T, C24T, +21G</td><td>Probe</td></tr><tr><td>G14T, G13T, G10T, G8T, G7G, A1-</td><td>Reverse</td></tr></table>	G6T, A8G, C12T	Forward	Not Detected	G3C, G10-, T16C, C18G, C21T, C24T, +21G	Probe	G14T, G13T, G10T, G8T, G7G, A1-	Reverse																																																																																																																
G6T, A8G, C12T	Forward	Not Detected																																																																																																																									
G3C, G10-, T16C, C18G, C21T, C24T, +21G	Probe																																																																																																																										
G14T, G13T, G10T, G8T, G7G, A1-	Reverse																																																																																																																										
	Xanthomonas albilineans/29447	3	3	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>C11T, A12T, C20T, C21G</td><td>Probe</td></tr><tr><td>G16G, G14T, G8T, G7G, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C	Forward	limited coverage (excluded)	C11T, A12T, C20T, C21G	Probe	G16G, G14T, G8T, G7G, A1-	Reverse																																																																																																																
G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C	Forward	limited coverage (excluded)																																																																																																																									
C11T, A12T, C20T, C21G	Probe																																																																																																																										
G16G, G14T, G8T, G7G, A1-	Reverse																																																																																																																										
	Janthinobacterium/29580	2	<table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, G8T, T5T, A1-</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G10C, C11A, G15C, C18T, C20T, C24T</td><td>Probe</td></tr><tr><td>G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Methylobacterium radiotolerans/31998</td><td>1</td><td>1</td><td><table><tr><td>A5C, A8C, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1G, C11T, A12C, C20T</td><td>Probe</td></tr><tr><td>G14T, T5T, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Achromobacter denitrificans/32002</td><td>1</td><td>1</td><td><table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G8-, G13A, T16C, C18G, C21A, C24T, +20T</td><td>Probe</td></tr><tr><td>G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Burkholderia/32008</td><td>1</td><td>1</td><td><table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>G10-, T16C, C18G, C21T, +21G</td><td>Probe</td></tr><tr><td>G14T, G8T, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>unidentified/32644</td><td>2</td><td><table><tr><td>1</td><td><table><tr><td>A5G, A8C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G3A, G10T, A12G, G15C, C20T, C21A</td><td>Probe</td></tr><tr><td>G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td>1</td><td><table><tr><td>A5C, A8C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G3A, C6G, G10T, A12G, G15T, C18T</td><td>Probe</td></tr><tr><td>G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Sphingomonas sanguinis/33051</td><td>2</td><td>2</td><td><table><tr><td>A5G, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1G, G15C, C18T, C20T</td><td>Probe</td></tr><tr><td>G14T, G13T, C9A, G4T, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Acidithiobacillus caldus/33059</td><td>6</td><td><table><tr><td>5</td><td><table><tr><td>A5G, C12T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>C11A, T17G, C18G, G19A</td><td>Probe</td></tr><tr><td>reverse_missing</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td>1</td><td><table><tr><td>A5G, C12T</td><td>Forward</td><td rowspan="2">limited coverage</td></tr><tr><td>C11A, T17G, C18G, G19A, C20T</td><td>Probe</td></tr></table></td></tr></table></td></tr></table></td></tr></table>	1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, G8T, T5T, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)	G10-, C20T, +15C	Probe	G14T, G8T, T5T, A1-	Reverse					1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G10C, C11A, G15C, C18T, C20T, C24T</td><td>Probe</td></tr><tr><td>G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)	G10C, C11A, G15C, C18T, C20T, C24T	Probe	G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse		Methylobacterium radiotolerans/31998	1	1	<table><tr><td>A5C, A8C, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1G, C11T, A12C, C20T</td><td>Probe</td></tr><tr><td>G14T, T5T, A1-</td><td>Reverse</td></tr></table>	A5C, A8C, C12T, T20C	Forward	Not Detected	T1G, C11T, A12C, C20T	Probe	G14T, T5T, A1-	Reverse		Achromobacter denitrificans/32002	1	1	<table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G8-, G13A, T16C, C18G, C21A, C24T, +20T</td><td>Probe</td></tr><tr><td>G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)	G8-, G13A, T16C, C18G, C21A, C24T, +20T	Probe	G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse		Burkholderia/32008	1	1	<table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>G10-, T16C, C18G, C21T, +21G</td><td>Probe</td></tr><tr><td>G14T, G8T, A1-</td><td>Reverse</td></tr></table>	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected	G10-, T16C, C18G, C21T, +21G	Probe	G14T, G8T, A1-	Reverse		unidentified/32644	2	<table><tr><td>1</td><td><table><tr><td>A5G, A8C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G3A, G10T, A12G, G15C, C20T, C21A</td><td>Probe</td></tr><tr><td>G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td>1</td><td><table><tr><td>A5C, A8C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G3A, C6G, G10T, A12G, G15T, C18T</td><td>Probe</td></tr><tr><td>G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Sphingomonas sanguinis/33051</td><td>2</td><td>2</td><td><table><tr><td>A5G, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1G, G15C, C18T, C20T</td><td>Probe</td></tr><tr><td>G14T, G13T, C9A, G4T, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Acidithiobacillus caldus/33059</td><td>6</td><td><table><tr><td>5</td><td><table><tr><td>A5G, C12T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>C11A, T17G, C18G, G19A</td><td>Probe</td></tr><tr><td>reverse_missing</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td>1</td><td><table><tr><td>A5G, C12T</td><td>Forward</td><td rowspan="2">limited 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C3-, G2-, A1-	Reverse		Sphingomonas sanguinis/33051	2	2	<table><tr><td>A5G, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1G, G15C, C18T, C20T</td><td>Probe</td></tr><tr><td>G14T, G13T, C9A, G4T, A1-</td><td>Reverse</td></tr></table>	A5G, G6T, A8G, C12T, T20C	Forward	Not Detected	T1G, G15C, C18T, C20T	Probe	G14T, G13T, C9A, G4T, A1-	Reverse		Acidithiobacillus caldus/33059	6	<table><tr><td>5</td><td><table><tr><td>A5G, C12T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>C11A, T17G, C18G, G19A</td><td>Probe</td></tr><tr><td>reverse_missing</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td>1</td><td><table><tr><td>A5G, C12T</td><td>Forward</td><td rowspan="2">limited coverage</td></tr><tr><td>C11A, T17G, C18G, G19A, C20T</td><td>Probe</td></tr></table></td></tr></table>	5	<table><tr><td>A5G, C12T</td><td>Forward</td><td rowspan="3">limited coverage 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1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, G8T, T5T, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)	G10-, C20T, +15C	Probe	G14T, G8T, T5T, A1-		Reverse																																																																																																																		
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	Methylobacterium radiotolerans/31998	1	1	<table><tr><td>A5C, A8C, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1G, C11T, A12C, C20T</td><td>Probe</td></tr><tr><td>G14T, T5T, A1-</td><td>Reverse</td></tr></table>	A5C, A8C, C12T, T20C	Forward	Not Detected	T1G, C11T, A12C, C20T	Probe	G14T, T5T, A1-	Reverse																																																																																																																
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	Achromobacter denitrificans/32002	1	1	<table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G8-, G13A, T16C, C18G, C21A, C24T, +20T</td><td>Probe</td></tr><tr><td>G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)	G8-, G13A, T16C, C18G, C21A, C24T, +20T	Probe	G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																																																
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				reverse_missing	Reverse	(excluded)
	Microbacterium/33882	8	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, C14G, T18G, T20C	Forward	limited coverage (excluded)
				T1G, G10T, A12C	Probe	
				G8T, C3-, G2-, A1-	Reverse	
			1	A5C, A8G, C12T, C17G	Forward	limited coverage (excluded)
				T1C, C2G, G3C, A12C, C20T	Probe	
				G16G, G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G10T, A12C	Probe	
				G10T, G8T, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, T20C	Forward	limited coverage (excluded)
				T1G, C6G, G10T, A12C, C24T	Probe	
				G8T, C3-, G2-, A1-	Reverse	
			1	A5C, A8G, C12G, C14G, C17G	Forward	limited coverage (excluded)
				T1G, G3A, C6G, G10T, A12C, C24T	Probe	
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, C14G, T20C	Forward	limited coverage (excluded)
				T1G, G10A, C11G, A12T, G15T	Probe	
				G8T, G4-, C3-, G2-, A1-	Reverse	
	Mycobacterium tuberculosis variant africanum/33894	3	3	No Mutations	NA	Detected
	Pseudonocardia alni/33907	1	1	A5T, G6A, A8C, C14G, T20C	Forward	Not Detected
				T1C, A12C, T16G	Probe	
				T15G, G14T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Luteococcus/33983	1	1	A5G, A8C, C12A	Forward	Not Detected
				C6G, G10T, A12G, G15C, T17G, C18G, C20T, T22C, C24T	Probe	
				G16G, G14G, G10T, G4T, A1-	Reverse	
	Paracoccus versutus/34007	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				T1G, G3C, C6T, G10C, C11G, C20T, C24T	Probe	
				G14T, A1-	Reverse	
			1	A5G, A8G, C12T, T20C	Forward	Not Detected
				G10-, C20T, +15C	Probe	
				G14T, G10T, G8T, T5T, A1-	Reverse	
			1	A5G, A8G, C12T, T20C	Forward	Not Detected
				G10-, C20T, C21G, +15C	Probe	
				G14T, G10T, G8T, T5T, A1-	Reverse	
			1	A5G, A8G, C12T, C17T, T20C	Forward	limited coverage (excluded)
				G10-, C20T, C21G, +15C	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-,	Reverse	
	Variovorax/34072	7				

				G2-, A1-	Reverse				
			3	A5C, G6T, A8G, C12T, C17G, T20C	Forward	Not Detected			
				C6A, G10-, C20T, +15C	Probe				
				G16G, G14T, G8T, G7G, A1-	Reverse				
			1	A5C, G6T, A8G, C12T, C17G, T20C	Forward	Not Detected			
				G3T, G10-, G13A, T16C, C18G, C21A, +21A	Probe				
				G14T, G8T, A1-	Reverse				
				Streptomyces hirsutus/35620	2	1	A5C, A8G, C11T, C12T, C17G, T18C, T20C	Forward	limited coverage (excluded)
							T1G, A12C, T16G, C18G, C20T	Probe	
T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse								
1	A5C, A8G, C11T, C12T, C17G, T18C, T20C	Forward				limited coverage (excluded)			
	T1G, G3C, A12C, T16G, C18G, C20T	Probe							
	T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse							
	Gordonia rubripertincta/36822	2	2	A5C, C7T, A8C, C12A, A19G, T20C	Forward	Not Detected			
				T1C, C2G, G3A, G10-, G25A, +15C	Probe				
				G10T, T5-, G4-, C3-, G2-, A1-	Reverse				
	Corynebacterium pseudodiphtheriticum/37637	1	1	A5G, A8C, C12A, C14T	Forward	Not Detected			
				T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A	Probe				
				G8T, C3-, G2-, A1-	Reverse				
	Rhodococcus opacus/37919	1	1	A5C, A8C, C12T	Forward	limited coverage (excluded)			
				C2G, C6G, G8T, A12C, C20T, G25-	Probe				
				reverse_missing	Reverse				
	Corynebacterium accolens/38284	8	5	A5G, A8T, C12A, C14T	Forward	Not Detected			
				T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A	Probe				
				G8T, C3-, G2-, A1-	Reverse				
			2	A5G, A8C, C12A, C14T	Forward	Not Detected			
				T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A	Probe				
				G8T, C3-, G2-, A1-	Reverse				
			1	A5G, C12A, C14T	Forward	Not Detected			
				T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A	Probe				
				G8T, C3-, G2-, A1-	Reverse				
	Corynebacterium mycetoides/38302	1	1	A5C, A8G, C11T, C12T, C17G	Forward	limited coverage (excluded)			
				T1C, C2A, G3C, T7A, G9C, G10T, C11G, A12C, G15T, G19A, C20G	Probe				
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse				
	Skermania piniformis/39122	1	1	A5C, A8C, C12T, T20C	Forward	Not Detected			
				G10A, A12C, G15C, T17G, C18G	Probe				
				G16G, T15T, G14T, T5-, G4-, C3-, G2-, A1-	Reverse				
				A5C, A8T, C11T, C12T, C17G	Forward				

	Mycolicibacterium duvalii/39688	1	1	A5G, A8T, C11T, C14G, C17G	Forward	Not Detected
				G3A, G10T, A12G	Probe	
				G10T, G4T, A1-	Reverse	
	Mycolicibacterium poriferae/39694	1	1	A5G, A8C, C11T, C14G	Forward	Not Detected
				G10T, A12G	Probe	
				G10T, G4T, A1-	Reverse	
	Stenotrophomonas/40323	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, A19T	Forward	limited coverage (excluded)
				C6T, G10-, +15A	Probe	
				G14T, G8T, A1-	Reverse	
	Stenotrophomonas maltophilia/40324	7	7	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, A19T	Forward	limited coverage (excluded)
				C6T, G10-, +15A	Probe	
				G14T, G8T, A1-	Reverse	
	Roseobacter litoralis/42443	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				T1G, G3A, C6T, G10T, C11A, C20T, C21A, C24T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Streptomyces collinus/42684	1	1	G1-, G2-, G3-, T4-, A5-, A8G, C12T, T18C, T20C	Forward	limited coverage (excluded)
				T1A, C2A, G15T, T16G, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Streptomyces chromofuscus/42881	1	1	A5C, A8G, C12T, T18C, T20C	Forward	limited coverage (excluded)
				T1A, C2A, G15T, T16G, C20T	Probe	
				reverse_missing	Reverse	
	Aquipseudomonas alcaligenes/43263	1	1	A5G, G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Brachybacterium/43668	2	1	A5C, G6A, C11T, C12T, C17G, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G15C, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
		1	1	A5C, G6A, A8C, C12T, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C20T	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Corynebacterium urealyticum/43771	6	6	A5C, A8T, C12A	Forward	limited coverage (excluded)
				T1C, C2A, G3C, G8T, G10T, A12T, G15T, C18T, G25A	Probe	
				G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Corynebacterium segmentosum/43990	1	1	A5G, A8T, C12A, C14T	Forward	Not Detected
				T1C, C2G, C6A, T7C, G9A, G10A, C11A, G15A, C20T, G25A	Probe	
				G8T, C3-, G2-, A1-	Reverse	

				G01, G02, G2-, A1-	Reverse	
	Mycobacterium conspicuum/44010	1	1	G1-, G2-, G3-, T4-, A5-, A8C, C11T, C14G, T20C G10T, A12G, T22G T15G, G14T, G13T, A1-	Forward Probe Reverse	Not Detected
	Mycolicibacterium hassiacum/46351	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-, T18-, A19-, T20- T1C, A12G, G15T, T16G, C18G C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Agrococcus/46352	1	1	A5C, G6A, A8C, C14G, C17G, A19T, T20C T1C, G10A, A12C, G15C, T16G G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Devosia/46913	3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14- T1G, C6G, A12T, C24T G14T, G8T	Forward Probe Reverse	limited coverage (excluded)
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T T1G, G3C, C6A, C11T, A12C, G15C, C20T, C21T G14T, G10T, G4T, A1-	Forward Probe Reverse	limited coverage (excluded)
	Hydrogenophaga/47420	3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T G10-, T16C, C18G, C24T, +20T G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T T1C, G8-, C20T, C21G, +15C G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C G10-, T16C, C18G, C21T, +21G G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Xanthomonas fragariae/48664	3	3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T A12C, C20T, C21G G16G, G14T, G8T, G7G, A1-	Forward Probe Reverse	limited coverage (excluded)
	Polaromonas/52972	2	1	A5G, G6T, A8G, C12T G10-, G13A, T16C, C18G, C21T, +21G G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			1	A5C, G6T, A8G, C12T, C17A G10-, G13A, T16C, C18G, C21T, +21A G16G, G14T, G7A, A1-	Forward Probe Reverse	Not Detected
	Corynebacterium coyleae/53374	1	1	A5C, A8G, C11T, C12T, C17G T1C, C2A, G3C, T7A, G9C, G10T, C11G, A12C, G15T, G19A, C20G G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-,	Forward	

	Pseudomonas anguilliseptica/53406	1	1	C11-, C12-		limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Xanthomonas axonopodis/53413	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C20T, +16A	Probe	
				T15G, G14T, G13G, G8T, G7G, A1-	Reverse	
	Streptomyces rutgersensis/53451	1	1	A5C, A8G, C11T, C12T, C17G, T18C, T20C	Forward	limited coverage (excluded)
				T1G, A12C, T16G, C18G, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Raoultella ornithinolytica/54291	1	1	C12T, C17A, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3T, G8-, C21G, C24T, +15C	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Leucobacter/55968	1	1	A5C, C7T, A8C, C12T	Forward	limited coverage (excluded)
				T1C, C6G, G10T, A12G, T16A, C18G, C21G, A23T, G25A	Probe	
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Xanthomonas hyacinthi/56455	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				C2G, C6G, G10A, G15A, C20T	Probe	
				G16G, G14T, G10T, G8T, G7G, A1-	Reverse	
	Xanthomonas vasicola/56459	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C20T, +16A	Probe	
				T15G, G14T, G13G, G8T, G7G, A1-	Reverse	
	Xanthomonas theicola/56464	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, T20C, +17CG	Forward	limited coverage (excluded)
				C2G, G10-, G13A, C18G, C21T, +21G	Probe	
				G14T, G8T, G7G, A1-	Reverse	
	Microvirgula aerodenitrificans/57480	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				G10C, C11A, A12G, C20T, C21G, C24T	Probe	
				G14T, G10T, G8T, T5T	Reverse	
	Kocuria/57493	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, T20C	Forward	limited coverage (excluded)
				T1G, C6G, G10T, A12C, G15A	Probe	
				G8T, C3-, G2-, A1-	Reverse	
	Streptomyces thermocarboxydus/59299	1	1	A5C, G6A, A8G, C12T, T18C, T20C	Forward	limited coverage (excluded)
				T1A, C2A, G15T, T16G, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

	Sulfitobacter/60136	1	1			
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, C6G, G8-, G10A, C20T, +15C	Probe	
				A17C, G14T, G10T, T5T, A1-	Reverse	
	Phaeobacter gallaeciensis/60890	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-	Forward	limited coverage (excluded)
				G8-, C18T, C20T, C21T, C24T, +15C	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Enterobacter asburiae/61645	3	3	C12T, C17A, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3T, G8-, C21G, C24T, +15C	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Hydrogenophaga taeniospiralis/65656	1	1	A5G, G6T, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pseudomonas knackmussii/65741	1	1	A5G, G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Kitasatospora herbaricolor/68217	2	2	G1-, G2-, G3-, T4-, A5-, A8C, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G10T, A12G, G15C, T17G, C18G, C20T	Probe	
				T15C, G14T, G13G, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Cupriavidus basilensis/68895	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				G3A, G10-, T16C, C18G, C21T, +21A	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Azorhizophilus paspali/69963	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				G8-, C20T, T22C, +15C	Probe	
				G14T, G8T, T5T, A1-	Reverse	
		1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				G8-, C20T, +15C	Probe	
				G16T, G14T, G10G, G8T, T5T, A1-	Reverse	
	Azotobacter salinestris/69964	2	1	G6T, A8G, C12T, C17G	Forward	limited coverage (excluded)
				G3C, G10C, C11G, A12G, G15C, C20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
		1	1	G6T, A8G, C17A, T20C	Forward	limited coverage (excluded)
				G3C, G10C, C11G, A12G, G15C, C20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Tessaracoccus/72763	1	1	A5C, G6A, A8C, C14G, C17A, A19T, T20C	Forward	limited coverage (excluded)
				T1A, G10A, A12C, T16C, +16G	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

	Maricaulis maris/74318	1	1	G6T, A8G, C12T	Forward	Not Detected
				T1G, G3C, G10A, A12C, G15C, C18T, C20T	Probe	
				G14T, A1-	Reverse	
	Paraburkholderia caribensis/75105	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, +20T	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, T5T	Reverse	
	Rhodanobacter/75309	4	1	A5G, A8C, C12T, T20C	Forward	Not Detected
				G8-, T16-, T17A, G19A, +21TG	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
			2	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G10-, G13A, T16C, C18G, +20T	Probe	
				T15G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, A8C, C12T, C17G, T20C	Forward	Not Detected
				G10-, T16A, T17-, G19A, +22GT	Probe	
				G16A, G14T, G10T, G8T, G7G, A1-	Reverse	
	Micropruina glycogenica/75385	1	1	A5G, A8C, C12T, T20C	Forward	Not Detected
				T1C, G3C, T17G, C18G, C20A, C21T, A23T, +19T	Probe	
				G16G, G14T, A1-	Reverse	
	uncultured bacterium/77133	10	1	A5G, G6T, C12T	Forward	Not Detected
				T1G, C6G, C20T	Probe	
				G14T, C9A, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, T20C	Forward	Not Detected
				T1G, C20T	Probe	
				G14T, C9A, G4T, A1-	Reverse	
			1	A5G, A8C, C11T, C12T	Forward	Not Detected
				G10-, C20T, +15C	Probe	
				T15G, G14T, G8T, T5T, A1-	Reverse	
			1	A5C, G6T, A8G, C12T	Forward	limited coverage (excluded)
				T1G, C20T, C24T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, C7T, A8C, C12T, T20C	Forward	Not Detected
				T1C, C2A, G3C, C20T	Probe	
				G16G, G14T, G10T, G4T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, +21A	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17T	Forward	limited coverage (excluded)
				C5-, G8T, C20T, +15A	Probe	
				G16A, G14T, G10T, G8T, T5T	Reverse	
			1	C12T, C17A, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3T, G8-, C21G, C24T, +15C	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, A5G, A8G, C12A, G21A	Forward	Not Detected
				C2A, G3T, T7A, G9A, C11A, C18T, G25C	Probe	
				G16G, C3-, G2-, A1-	Reverse	
			1	G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, C20T, +16A	Probe	
				reverse_missing	Reverse	
	Bifidobacterium subtile/77635	1	1	G1-, G2-, A5G, A8G, C12G, C17G	Forward	Not Detected
				T1C, C2G, A4C, C5T, T7G, G8C, G10T, A12C, C24T, +15AGT	Probe	
				G7G, A1-	Reverse	
	Mycobacterium tuberculosis complex/77643	7	6	No Mutations	NA	Detected
			1	A1-	Reverse	Detected
	Mycobacterium canetti/78331	5	4	No Mutations	NA	Detected
			1	G1-, A8T, C12T, T20C	Forward	Not Detected
				T1G, A4-, C5-, G10A, C20G, G25A, +12CCGGC	Probe	
				T15G, G14T, A1-	Reverse	
	Delftia/80865	3	2	G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, T20C	Forward	Not Detected
				G3A, G10C, C11A, G15C, T17G, C18G, G19T, C20T, C21G	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
	Delftia acidovorans/80866	1	1	A5G, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, C24T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Paracidovorax citrulli/80869	8	8	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				A12G, G15T, C20T, C21G	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
	Acidovorax temperans/80878	2	1	A5C, G6T, C12T, T20C	Forward	Not Detected
				G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
			1	A5G, G6T, A8G, C12T	Forward	limited coverage
				G3C, G10-, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

				G10-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	(excluded)
Hyphomonas neptunium/81032	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				A12T, G15A, C18T, C20T	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Paracoccus pantotrophus/82367	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1-, G10C, C11G, A12G, T16C, C20T	Probe	
				G16G, G14T, G10T, T5T	Reverse	
Cupriavidus gilardii/82541	9	9		A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6A, G10-, C18G, C21T, +21G	Probe	
				T15G, G14T, G8T, A1-	Reverse	
Streptomyces althioticus/83380	2	1		A5T, A8G, C12T, T18C, T20C	Forward	limited coverage (excluded)
				T1A, C2A, T16A, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	1	1		A5C, A8G, C12T, T18C, T20C	Forward	limited coverage (excluded)
				T1A, C2A, G15T, T16G, C20T	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Gordonia polyisoprenivorans/84595	4	3		A5G, A8C, C12T	Forward	limited coverage (excluded)
				C2G, C6G, G8T, A12C, C20T, C21G	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	1	1		A5C, C7T, A8C, C12A, A19G, T20C	Forward	Not Detected
				T1C, C2G, G3A, G10-, G25A, +15C	Probe	
				G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
Achromobacter xylosoxidans/85698	1	1		A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G8T, A1-	Reverse	
uncultured Gammaproteobacteria bacterium/86473	4	1		A5G, G6T, A8G, C12T, C14G, T20C	Forward	Not Detected
				T1G, C6G, G10C, C11G, G25A	Probe	
				G14T, G4T, A1-	Reverse	
		1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-	Forward	limited coverage (excluded)
				T1G, C6G, G10C, C11G, G25A	Probe	
				G14T, G4T, A1-	Reverse	
		1		A5G, G6T, A8G, C12T, C14G, T20C	Forward	Not Detected
				T1G, G3C, C6G, G10C, C11G, G25A	Probe	
				G14T, G4T, A1-	Reverse	
		1		A5G, A8G, C14G, C17G	Forward	Not Detected
				T1G, C5G, C6T, G10C, C11G, A12C, T16C, C18G, C20T	Probe	
				G16G, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
				A5C, A8G, C12T, T18C, T20C	Forward	

	[Brevibacterium] flavum/92706	2	1	A5C, A8G, C12A	Forward	limited coverage (excluded)
				T1G, G3A, C21G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5C, A8G, C12A	Forward	limited coverage (excluded)
				T1G, G3A, C21G, +10G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Aquabacterium/92793	1	1	A5C, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G8-, G10A, T17G, C18G, C20T, +15C	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Ketogulonicigenium robustum/92947	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, C12T, C17T, T20C	Forward	limited coverage (excluded)
				T1G, G3T, G10A, C11A, A12G, G15C, C21T, C24T	Probe	
				G16T, G14T, G4T, A1-	Reverse	
	Roseateles/93681	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, G15-, T16-, T17-, A23G	Probe	
				A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Bordetella petrii/94624	1	1	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				G10-, C18G, C21T, +21G	Probe	
				G14T, G8T, A1-	Reverse	
	Brucella intermedia/94625	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, G10-, C18T, C20T, C24A, +18T	Probe	
				G14T, G8T, T5T	Reverse	
	Cupriavidus oxalaticus/96344	1	1	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6A, G10-, C18G, C21T, +21G	Probe	
				T15G, G14T, G8T, A1-	Reverse	
	Nocardia vinacea/96468	1	1	A5C, A8C, C11T, C12T	Forward	Not Detected
				A12C, G15A, T17G, C18G, C21G, C24T	Probe	
				G16G, T15T, G14T, G10T, C3-, G2-, A1-	Reverse	
	Austwickia chelonae/100225	1	1	G1-, G2-, G3-, T4-, A5-, A8G, C12A, C14G, C17G, T20C	Forward	Not Detected
				G10T, A12G, G15C, T17G, C18G, C20T, C21G	Probe	
				G16G, G14T, G7G, A1-	Reverse	
	Bordetella hinzii/103855	8	8	A5G, G6T, A8G, C12T	Forward	Not Detected
				G10-, T16C, C18G, C20T, C21T, +21G	Probe	
				G14T, G8T, A1-	Reverse	
	Binary vector pCLD04541/105849	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
			2	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6A, G10-, C18G, C21T, +21G	Probe	
				T15G, G14T, G8T, A1-	Reverse	

Cupriavidus/106589	4	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
			G3A, G10-, T16C, C18G, C21T, +21A	Probe	
			G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
		1	A5T, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
			C6G, G10-, T16C, C18G, C21T, +21G	Probe	
			G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Cupriavidus necator/106590	5	5	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
			C6T, G10-, T16C, C18G, C21T, +21G	Probe	
			G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Sinorhizobium medicae/110321	15	15	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
			T1G, G3C, G10C, C11A, G15C, C20T	Probe	
			G14T, T5T, A1-	Reverse	
Mycobacterium heckeshornense/110505	1	1	A5G, A8C, C14G, C17T, T20C	Forward	Not Detected
			C6T, G10T, A12G, C18T, T22G	Probe	
			G4T, A1-	Reverse	
Leifsonia/110932	2	1	A5C, A8C, C12G, C14G, C17A	Forward	limited coverage (excluded)
			T1A, C6G, G10T, A12C, C24T, +3G	Probe	
			G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
		1	A5G, A8C, C12T	Forward	limited coverage (excluded)
			T1C, C2G, G3A, C6G, A12C, G19T, C20G, C21T	Probe	
			G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Defluviicoccus/111830	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
			T1G, G3C, A12G, G15C, C20T, C24T	Probe	
			G14T, T5T, A1-	Reverse	
Defluviicoccus vanus/111831	1	1	forward_missing	Forward	limited coverage (excluded)
			T1-, C2-, G3-, C6T, G10T, G15C, C20T	Probe	
			G14T, C12T, T11G, A1-	Reverse	
Tepidimonas/114248	1	1	A5G, G6T, A8G, C12T, T20C	Forward	Not Detected
			T1A, C2G, G3C, C6G, G10-, T16C, C18G, +20T	Probe	
			G14T, G8T, G7G, A1-	Reverse	
Methylobacterium nodulans/114616	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, T20C	Forward	limited coverage (excluded)
			T1G, A12C, C20T	Probe	
			G16G, G14T, G7G, T5T	Reverse	
Mycobacterium tuberculosis variant caprae/115862	2	2	No Mutations	NA	Detected
Boechera divaricarpa/115915	16	16	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
			T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
			G16G, G14T, G8T, T5T, A1-	Reverse	

				G10G, G11T, G01T, T01T, A1-	Reverse	
	Micropruina/116071	1	1	A5G, A8C, C12T, T20C	Forward	Not Detected
				G3C, A12C, G15C, T17G, C18G, G19A	Probe	
				G16G, G14T, A1-	Reverse	
	Actinopolymorpha singaporensis/117157	1	1	A5G, G6A, A8C, C14G, T20C	Forward	limited coverage (excluded)
				T1C, G8T, G9C, A12C, G15T, T16G	Probe	
				T15G, G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Cupriavidus metallidurans/119219	7	5	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6A, G10-, C18G, C21T, +21G	Probe	
				T15G, G14T, G8T, A1-	Reverse	
			2	A5C, C11T, C12T, T20C	Forward	Not Detected
				G3A, G10-, T16A, C18G, C20T, C21T, +21A	Probe	
				G14T, G13T, G10T, G4T, A1-	Reverse	
	Acidithiobacillus/119977	1	1	A5G, C11T, C12T	Forward	limited coverage (excluded)
				C6T, C11A, T17-, C18-, G19-, C20-, C21-, T22-, A23-, C24-, G25-	Probe	
				reverse_missing	Reverse	
	Brucella pinnipedialis/120576	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, C6T, G10-, C20T, C21T, +15C	Probe	
				G14T, G10T, T5T, A1-	Reverse	
	Mycobacterium kubicae/120959	3	2	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, C18T	Probe	
				A17C, A1-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, C18T, C20T	Probe	
				G14T, A1-	Reverse	
	Bordetella trematum/123899	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				A17C, G14T, G8T, A1-	Reverse	
	Leisingera methylohalidivorans/133924	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, C6T, G10A, C11A, A12T, C24T	Probe	
				G16T, G14T, G10T, G4T, A1-	Reverse	
	Mycolicibacterium goodii/134601	1	1	A8C, C12T	Forward	Not Detected
				C6G, G10T, A12G, T17G, C18G, C20T, C21G, C24T	Probe	
				G16G, G14T, G7T, A1-	Reverse	
	Nocardia cyriacigeorgica/135487	5	5	A8C, C12A, C14G	Forward	Not Detected
				G10T, A12G, G15C, T17G, C18G, C20T	Probe	
				G16G, G14T, A1-	Reverse	
	Paracoccus kondratievae/135740	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage
				T1G, G3C, C6T, G10C, C11G, C20T, C24T	Probe	

			T1G, G3C, G8-, G4-, C3-, G2-, A1- G14T, A1-	Reverse	(excluded)
	Mycobacterium lentiflavum/141349	1	1 A5G, A8C, C12T, C14T, C17G G10A, C11T, A12G, G15A, C20T G14T, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
	Paracoccus yeei/147645	1	1 G6T, A8G, C11T, C12T T1G, G3C, G10A, C11A, A12G, C20T, C24T G14T, G10T, G4T	Forward Probe Reverse	Not Detected
	Roseibium/150830	1	1 G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G3C, G8-, C18T, C20T, C24T, +15T G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Cupriavidus campinensis/151783	3	1 A5C, G6T, A8G, C12T, T20C C6A, G10-, C18G, C21T, +21G T15G, G14T, G8T, A1- 1 G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C G10-, T16C, C18G, C21T, +21G G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1- 1 G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- G10-, C18G, C20T, C21T, +21G G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse Forward Probe Reverse Forward Probe Reverse	Not Detected limited coverage (excluded) limited coverage (excluded)
	Pigmentiphaga/152267	1	1 A5C, G6T, A8G, C12T, T20C G10-, T16C, C18G, C21T, +21A G14T, G8T, A1-	Forward Probe Reverse	Not Detected
	Kozakia baliensis/153496	1	1 G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T G8-, T16A, C18G, C20T, C24T, +15C G14T, G8T, T5T, A1-	Forward Probe Reverse	limited coverage (excluded)
	Microbacterium aerolatum/153731	1	1 A5G, C7T, A8C, C12T T1C, C6A, G10T, A12G, T16A, C18G, C21G, A23T, G25A G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Georgenia/154116	1	1 A5C, G6A, A8C, C14G, T20C T1C, G3C, T16A G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Corynebacterium riegelii/156976	2	2 A5C, A8G, C11T, C12T, C17G T1C, C2A, G3C, T7A, G9T, G10T, C11G, A12C, G15T, G19A, C20G G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Hahella/158481	1	1 A5C, C12A, A15G, T20C T1G, G3A, G10T, G15C, C20T, C21T G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			forward_missing	Forward	limited

	Novosphingobium resinovorum/158500	1	1	T1-, C2-, G3-, C6G, A12T, G15C, C20T	Probe	limited coverage (excluded)
				G16G, G14T, G7T, G4T	Reverse	
	Agrobacterium larrymoorei/160699	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G16A, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Microbacterium hominis/162426	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, T20C	Forward	limited coverage (excluded)
				T1G, C6G, G10T, A12C	Probe	
				G8T, C3-, G2-, A1-	Reverse	
	Corynebacterium appendicis/163202	1	1	A5C, A8G, C12A	Forward	limited coverage (excluded)
				T1G, G3A, C5T, C21G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Diaphorobacter nitroreducens/164759	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Sphingobium/165695	3	1	A5G, G6T, A8G, C12T	Forward	Not Detected
				T1G, C20T	Probe	
				G16G, G14T, G8T, G7T, A1-	Reverse	
			1	A5G, C7T, A8C, C12T, T20C	Forward	Not Detected
				T1C, C2A, G3C, C20T	Probe	
				G16G, G14T, G10T, G4T, A1-	Reverse	
			1	A5C, G6T, A8G, C12T, C17A, T20C	Forward	Not Detected
				T1G, C6G, G10T, A12G, C20T	Probe	
				G16G, G14T, G8T, G4T, A1-	Reverse	
	Novosphingobium/165696	2	1	A5G, G6T, A8G, C12T, C17T, T20C	Forward	Not Detected
				T1G, C20T	Probe	
				G16G, G14T, G8T, G7T, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, C17T, T20C	Forward	Not Detected
				T1G, C6G, G10T, A12G, C20T	Probe	
				G16A, G14T, G8T, G7T, A1-	Reverse	
	Sphingopyxis/165697	1	1	A5C, C7T, A8C, C12T	Forward	Not Detected
				T1C, C2A, G3T, G10A, A12C, G15C, C18T, C20T	Probe	
				G16G, G14T, T5T, A1-	Reverse	
	Paraburkholderia terricola/169427	3	3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, T5T	Reverse	
	Tistrella mobilis/171437	3	3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, C11T, A12G, G15T, C20T	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-,	Reverse	

				A1-		
Alicyclophilus denitrificans/179636		3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-, T18-, A19-, T20-	Forward	limited coverage (excluded)
				G3C, G10-, T16G, C18G, C21T, +22T	Probe	
				T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17T, T20C	Forward	limited coverage (excluded)
				G10-, G13A, T16C, C18G, C21T, +21G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Burkholderia anthina/179879		1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, T5T	Reverse	
Delftia tsuruhatensis/180282		3	2	G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, C24T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Mycobacterium parmense/185642		1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, C18T	Probe	
				A17C, A1-	Reverse	
Xylanimonas cellulosilytica/186189		1	1	A5G, A8C, C12T, C17G, T20C	Forward	Not Detected
				C2G, T7C, G8C, C11T, A12C	Probe	
				G13G, G8T, C3T	Reverse	
Microvirga/186650		1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, G10T, A12G, G15C, C20T, C24T	Probe	
				G16G, G14T, G10T, T5T, A1-	Reverse	
Roseibium aggregatum/187304		1	1	A5T, G6T, A8G, C12T	Forward	limited coverage (excluded)
				T1G, G3C, C5-, G8T, C20T, C24T, +15C	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Jannaschia/188905		1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C14T, T20C	Forward	limited coverage (excluded)
				T1G, G3A, G10A, A12C, G15C, C20T	Probe	
				G16G, G14T, A1-	Reverse	
Ralstonia insidiosa/190721		1	1	A5C, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

	Leisingera/191028	3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10A, C11A, C24T	Probe	
				G16T, G14T, G13T, G10T, G4T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G8-, C20T, C21T, C24T, +15C	Probe	
				G16G, G14T, C9A, T5T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10A, C11A, C24T	Probe	
				reverse_missing	Reverse	
	Haematobacter massiliensis/195105	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, C6A, G10A, C11A, A12G, C20T, C24T	Probe	
				G14T, A1-	Reverse	
	Brevibacterium luteolum/199591	1	1	A5C, A8C, C11T, C12A	Forward	limited coverage (excluded)
				T1C, C6A, G10A, A12T, G15T, C24T	Probe	
				G13G, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Roseomonas mucosa/207340	5	5	A5G, G6T, A8G, C12T	Forward	Not Detected
				T1G, C6T, G10T, C20T	Probe	
				G16G, G14T, G8T, A1-	Reverse	
	Caldimonas thermodepolymerans/215580	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				T1C, C6G, G10-, C20T, C21G, +15C	Probe	
				G16G, G14T, G8T, G7G, T5T	Reverse	
	Bifidobacterium longum/216816	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, C21G	Probe	
				G7A, A1-	Reverse	
	Cloning vector pAJ1/218927	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
	Mycobacterium saskatchewanense/220927	1	1	A5G, A8C, C12T, C14T, C17G	Forward	Not Detected
				G10A, C11T, A12G, G15A, C20T	Probe	
				G14T, C3-, G2-, A1-	Reverse	
	Methylobacterium populi/223967	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, A19G, T20C	Forward	limited coverage (excluded)
				T1G, G3C, C6A, C11A, A12C, G15C	Probe	
				G14T, C9A, T5T, G2-, A1-	Reverse	
			1	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6T, G10-, G13A, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
				G6T, A8C, G16T, T20C	Forward	

Comamonas aquatica/225991	4	1		G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
		2		A5G, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, C24T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Comamonas kerstersii/225992	1	1		A5T, C12T	Forward	limited coverage (excluded)
				C6A, G10C, C11A, T16C, T17A, C18G, G19A, C20T, C21G, A23T, C24T	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Nocardia arthritidis/228602	1	1		A5T, A8C, C12A	Forward	Not Detected
				C6G, G10T, A12G, T17G, C18G, C20T, C21G, C24T	Probe	
				T15G, G14T, G13G, G4T, A1-	Reverse	
Salinibacterium/235888	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, C14G, T20C	Forward	limited coverage (excluded)
				T1G, C6A, G10T, A12T, C24T	Probe	
				G8T, G4-, C3-, G2-, A1-	Reverse	
Diaphorobacter/238749	5	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G10-, T16G, C18G, C20T, C21T, +21G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
		1		A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				G3A, G10-, G13A, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G7G, T5G, A1-	Reverse	
		1		A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6T, G10-, G13A, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, A1-	Reverse	
		2		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Rhizobium daejeonense/240521	2	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G10-, C20T, G25C, +15C	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
		1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G16G, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
Hydrocarboniphaga effusa/243629	2	2		A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G10-, G13A, C18G, C21T, +21A	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-,	Reverse	

				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Nitratioreductor/245876	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1A, C2G, G3C, G10T, A12G, G15C, C20T, C21T	Probe	
				G14T, A1-	Reverse	
Nocardia testacea/248551	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				G10T, A12C, T17G, C18G, C20T, C21G	Probe	
				G16G, T15G, G14T	Reverse	
Paraburkholderia phenoliruptrix/252970	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7G, T5T	Reverse	
Roseomonas gilardii/257708	1	1		A5G, G6T, A8G, C12T	Forward	Not Detected
				T1G, C6T, G10T, C20T	Probe	
				G16G, G14T, G8T, A1-	Reverse	
Methylobacterium aquaticum/270351	2	2		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C14T, T20C	Forward	limited coverage (excluded)
				T1G, C6G, G10T, A12G, G15C, C20T, C21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Brevibacterium aurantiacum/273384	3	3		A5G, A8C, C11T, C12A	Forward	limited coverage (excluded)
				T1C, C2A, G3C, C6G, G8T, G9C, G10A, T17G, C18G, C20T	Probe	
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Microcella alkaliphila/279828	1	1		A5G, A8C, C11T, C12T, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C18T, C20G, C21T, C24T	Probe	
				G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Idiomarina seosinensis/281739	1	1		A5C, C12A, T20C	Forward	limited coverage (excluded)
				T1G, G10T, G15T, C18T, C20T, C21T, C24T	Probe	
				G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Azospirillum oryzae/286727	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				C6A, G10-, C20T, +15C	Probe	
				G14T, T5T, A1-	Reverse	
Rhizobium lusitanum/293958	1	1		A5T, G6T, A8G, C12T, T20C	Forward	Not Detected
				T1G, G10-, C20T, +17T	Probe	
				G14T, G8T, T5T	Reverse	
uncultured Acidimicrobiales bacterium/310071	1	1		A5C, A8G, C12A, C17T, T20C	Forward	Not Detected
				T1C, C2G, G3C, G10T, A12G, G15A, C20T, C21G, C24T	Probe	
				C3-, G2-, A1-	Reverse	
Paraburkholderia ginsengisoli/311231	1	1		A5T, A8G, C11T, C12T, G21T	Forward	limited coverage (excluded)
				C2G, C6A, G10T, A12G, G15C, C18T, C20T	Probe	
				G16G, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-,	Reverse	

				G2-, A1-		
	Palleronia/315422	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				A12C, G15C, C20T, C21T	Probe	
				G16G, G14T, C9A, G7A, T5T, A1-	Reverse	
	Mycolicibacterium phocaicum/319706	1	1	A5C, G6A, A8C, C12T, C17T, T20C	Forward	Not Detected
				T1C, C2G, A4T, A12G, G15C, C18T, C20T	Probe	
				T15G, G14T, G8T, G7G, T5T	Reverse	
	Metapseudomonas otitidis/319939	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17T, T20C	Forward	limited coverage (excluded)
				G8-, T16A, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pseudoduganella albidiflava/321983	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				C5-, G8T, C20T, C24T, +15C	Probe	
				G14T, G8T, T5T, A1-	Reverse	
	Sinomonas cyclohexanicum/322009	1	1	A5C, G6A, A8C, C12T, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C6G, C20T, C21G	Probe	
				T15C, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Dokdonella koreensis/323415	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C20T, C21G, +16A	Probe	
				G16G, G14T, G10A, G8T, G7G, A1-	Reverse	
	Shinella/323620	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17T	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
	Bifidobacterium crudilactis/327277	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, C21G, C24T	Probe	
				G7G, A1-	Reverse	
	Rhodococcus qingshengii/334542	3	3	A5T, G6A, A8C, C14G, C17A, T18C, T20C	Forward	Not Detected
				T1G, T16A, C21G	Probe	
				G7T, C3-, G2-, A1-	Reverse	
	Sphingosinicella/335405	1	1	A5G, G6T, A8C, C12T, T20C	Forward	Not Detected
				A12G, G15C, C20T, C24T	Probe	
				G14T, C9A, G7T, G4T, A1-	Reverse	
	Microcella/337004	1	1	A5C, A8C, C12G, C14G, T20C	Forward	Not Detected
				T1G, C6G, G10T	Probe	
				G10T, G8T, C3-, G2-, A1-	Reverse	
	Shinella zoogloeoides/352475	4	3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, C6T, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T	Reverse	
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-,	Forward	

			1	C11-, C12- T1G, G10-, C20T, C21T, +15C G16G, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Comamonas thiooxydans/363952	2	1 1	A5G, G6T, A8G, C12T G3C, G10-, T16C, C18G, C21T, C24T, +21G G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1- G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17A, T20C C6G, G10-, G13A, C18G, C21A, +21G G14T, G13T, G10T, G8T, G7G, A1-	Forward Probe Reverse Forward Probe Reverse	limited coverage (excluded) limited coverage (excluded)
	Brucella pseudintermedia/370111	2	1 1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1-, G10C, C11G, A12G, T16C, C20T G16G, G14T, G10T, T5T G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G T1G, G3C, C6T, G10-, C20T, C21T, +15C G14T, G13T, G10T, T5T, A1-	Forward Probe Reverse Forward Probe Reverse	limited coverage (excluded) limited coverage (excluded)
	Mycolicibacterium pallens/370524	1	1	A5G, A8C, C11T, C14G G10T, A12G G10T	Forward Probe Reverse	Not Detected
	Mycolicibacterium rutilum/370526	1	1	A5G, A8C, C11T, C14G G10T, A12G, C21T G10T, G4T, A1-	Forward Probe Reverse	Not Detected
	Tritonibacter mobilis/379347	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G3C, G10A, C11A, C24T G16T, G14T, G4T, A1-	Forward Probe Reverse	limited coverage (excluded)
	Comamonas odontotermitis/379895	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C G10-, T16C, C18G, C21T, +21G G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Sphingomonas sanxanigenens/397260	2	2	A5G, G6T, A8G, C12T, C17T, T20C T1G, G15C, C20T G14T, C9A	Forward Probe Reverse	Not Detected
	Lapillicoccus/402170	1	1	A5G, A8C, C12A, C17T C5G, G10T, A12G, G15T, T17G, C18G, C20T, C21G G14T, A1-	Forward Probe Reverse	Not Detected
	uncultured Acidimicrobiaceae bacterium/410722	1	1	A5G, A8T, C11T, C12T, C17G, G21T G3C, C6G, G10T, A12C, G15C, T16G G8T, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
	uncultured Gemmatimonadales bacterium/412054	1	1	A5C, G6T, A8G, T20C T1G, G3C, G10C, C11G, A12G, G15C, C20T	Forward Probe	limited coverage

				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	(excluded)
Cloning vector pBEO210/420185	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
Paraburkholderia bryophila/420952	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, +20T	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Robiginitomaculum/437506	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-	Forward	limited coverage (excluded)
				G3T, C6A, C18T, C20T, C24T	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Reyranella/445219	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, G15C, C20T	Probe	
				G16G, G14T, G10T, G4T	Reverse	
Ciceribacter selenitireducens/448181	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
Paracoccus aestuarii/453842	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3A, G10A, C11A, A12G, C24T	Probe	
				G14T, G4T, A1-	Reverse	
Nocardia terpenica/455432	1	1		A5T, A8C, C12A, C14A, T20C	Forward	Not Detected
				G10T, A12G, T17G, C18G, C20T, C21G, C24T	Probe	
				T15G, G14T, G10T, A1-	Reverse	
Massilia varians/457921	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)
				G8-, C18T, C20T, +15T	Probe	
				G14T, G8T, T5T, A1-	Reverse	
Nocardia wallacei/480035	1	1		A5C, A8C, C12A, C17G	Forward	Not Detected
				C6G, G10T, A12C, T17G, C18G, C20T, C21G	Probe	
				G16G, G14T, G7T, G4T, A1-	Reverse	
Pseudomonas kurunegalensis/485880	1	1		G6T, A8G, C12T, C17G	Forward	Not Detected
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
Stenotrophomonas pavanii/487698	2	2		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, A19T	Forward	limited coverage (excluded)
				C6T, G10-, +15A	Probe	
				G14T, G8T, A1-	Reverse	
Mycolicibacter heraklionensis/512402	1	1		A8C, C12T, C14T, C17G	Forward	limited coverage (excluded)
				T1G, G10A, C11G, A12C, G15T, C18T, C20T	Probe	
				G16G, G14T, G10T, G7-, A6-, T5-, G4-, C3-, G2-, A1-		

				G10-, G11-, G12-, G7-, T5-, T6-, G4-, G8-, G9-, G11-, G12-, A1-	Reverse	
	Castellaniella ginsengisoli/546114	17	17	A5C, C11T, C12T, T20C	Forward	Not Detected
				G3A, G10-, T16A, C18G, C20T, C21T, +21A	Probe	
				G14T, G13T, G4T, A1-	Reverse	
	Isoptericola jiangsuensis/548579	1	1	A5C, A8G, C12A, T20C	Forward	limited coverage (excluded)
				T1G, C6G, G10T, A12C, G15C	Probe	
				G16G, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Acidovorax carolinensis/553814	6	2	A5G, G6T, A8G, C12T	Forward	Not Detected
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G8T, T5T, A1-	Reverse	
			4	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Delftia lacustris/558537	3	2	A5C, G6T, A8T, C12T, T20C	Forward	limited coverage (excluded)
				G3T, G10-, T16C, C18G, C21A, +21G	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G3C, G10-, T16C, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mycobacterium mantenii/560555	1	1	A5G, T20C	Forward	Not Detected
				C6G, G10T, A12G, C21T	Probe	
				G4T, A1-	Reverse	
	Micrococcus yunnanensis/566027	3	3	A5C, A8G, C12T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C6G, A12G, G15C, C20T, C21A	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Brucella pituitosa/571256	3	3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3A, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, G7T, T5T	Reverse	
	Micrococcus terreus/574650	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-, T18-, A19-, T20-	Forward	limited coverage (excluded)
				T1C, A12C, G15C, T16G	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Demequina/577469	1	1	A5C, A8G, C12T	Forward	Not Detected
				T1A, C2G, A12C, G15C	Probe	
				G14T, C9T, G8G, C3-, G2-, A1-	Reverse	
	Pseudomonas chlororaphis/587753	1	1	G1-, A8C, C12T	Forward	limited coverage (excluded)
				G3C, C6G, G10C, C11A, T16G, T17A, C20T, C21A	Probe	
				G16G, G14T, G13T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

	Natronorubrum daqingense/588898	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, G15-, T16-, T17-, T22G	Probe	
				A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Xanthomonas citri group/643453	3	3	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C20T, +16A	Probe	
				T15G, G14T, G13G, G8T, G7G, A1-	Reverse	
	Agrobacterium pusense/648995	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, C21T, +15C	Probe	
				G14T, G13T, G10T, T5T, A1-	Reverse	
	Paracoccus stylophorae/659350	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3A, G10A, C11A, C24T	Probe	
				G16T, G14T, A1-	Reverse	
	Limnohabitans/665874	2	1	A5G, G6T, A8G, C12T	Forward	limited coverage (excluded)
				T1A, C2G, G3C, G10-, T16C, C18G, C21A, +21A	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3T, C6T, G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Rhodanobacter denitrificans/666685	4	3	A5C, G6T, A8G, C12T, C14T, C17G	Forward	limited coverage (excluded)
				C6G, G8-, T16C, C18G, C21G, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5C, G6T, A8G, C12T, C14T, C17G	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Aquibium microcysteis/675281	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3C, C6G, G10T, A12G, G15C, C18T, C20T	Probe	
				G14T, A1-	Reverse	
	Azospirillum ramasamyi/682998	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T18G, T20C	Forward	limited coverage (excluded)
				C6A, G10-, C20T, +15C	Probe	
				G14T, T5T, A1-	Reverse	
			1	A5G, A8C, C11T, C12T, T20C	Forward	Not Detected
				T1G, G3C, C6G, G10-, C20T, +15C	Probe	
				G14T, C9A, G7T, T5T, A1-	Reverse	
	Microbacterium suwonense/683047	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, C14G, T20C	Forward	limited coverage
				T1G, C6A, G10T, A12C	Probe	

				G8T, C3-, G2-, A1-	Reverse	(excluded)
	Methylomonas koyamae/702114	2	2	A5G, A8G, C12T	Forward	limited coverage (excluded)
				T1A, C2A, G3A, G10-, C20T, C21T, +15C	Probe	
				G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	[Acidovorax] ebreus/721785	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Acidovorax radicis/758826	1	1	A5C, G6T, A8G, C12T, C17G, T20C	Forward	Not Detected
				G3A, G10-, T16G, C18G, C21T, +21G	Probe	
				G16G, G14T, G8T, G7A, A1-	Reverse	
	Mycobacterium europaeum/761804	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, C18T	Probe	
				A17C, A1-	Reverse	
	Citricoccus nitrophenolicus/863575	1	1	A5C, G6A, A8C, C14G	Forward	Not Detected
				T1C, C11T, A12C, G15C, T16G	Probe	
				G14T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Microvirga lotononidis/864069	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, G10T, A12G, G15C, C18T, C20T, C24T	Probe	
				G16G, G14T, T5T	Reverse	
	Pseudoduganella umbonata/864828	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				C5-, C6T, G8T, C20T, C24T, +15C	Probe	
				G14T, G8T, T5T, A1-	Reverse	
	Microbacterium sediminis/904291	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, T20C	Forward	limited coverage (excluded)
				T1G, G10A, C11G, A12T, G15T	Probe	
				G8T, G4-, C3-, G2-, A1-	Reverse	
	Thioalkalivibrio sulfidiphilus/1033854	1	1	A5G, G6T, A8C, C12T, C17G	Forward	limited coverage (excluded)
				G8-, T16G, C18G, C20T, C21G, +19T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mycolicibacillus koreensis/1069220	1	1	A5G, A8C, C12T, T20C	Forward	Not Detected
				G10T, A12G, G15A, T17G, C18G, C20T, C21G	Probe	
				G14T, A1-	Reverse	
	uncultured Coriobacteriia bacterium/1105182	1	1	A5G, A8G, C11T, C14G, T20C	Forward	limited coverage (excluded)
				T1G, G3T, C6A, G10T, A12G, G15T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mycolicibacter minnesotensis/1118379	1	1	A5G, A8C, C12A, C14G, C17T	Forward	Not Detected
				G10T, C20T	Probe	
				G14T, G7G, C3-, G2-, A1-	Reverse	
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-,	Forward	

	Pseudorhizobium banfieldiae/1125847	1	1	C11-, C12- T1G, G10-, C20T, C21T, +15C G14T, G10T, T5T, A1-	Forward Probe Reverse	limited coverage (excluded)
	Rhizobium bangladeshense/1138189	1	1	A5T, G6T, C11T, C12T T1G, G3T, G10C, C11A, G15C, C20T, C21T G16G, G14T, G7T, T5T	Forward Probe Reverse	Not Detected
	Rhizobium binae/1138190	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G3C, G10C, C11A, G15C, C20T G14T, T5T, A1-	Forward Probe Reverse	limited coverage (excluded)
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G3C, G10C, C11A, G15C, C20T G14T, G10T, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Mycobacterium paraintracellulare/1138383	2	1	A5T, A8C, C14G, T20C C6A, G10T, A12G, G15A A1- G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-, T18-, A19-, T20- T1C, A12C, T16G G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse Forward Probe Reverse	Not Detected limited coverage (excluded)
	Massilia putida/1141883	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C G10-, G15C, C20T, C21G G14T, G8T, T5T, A1-	Forward Probe Reverse	limited coverage (excluded)
	Stutzerimonas zhaodongensis/1176257	1	1	A5G, G6T, A8G, C12T, C17G G8-, T16C, C18G, C21G, C24T, +20T G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Agrobacterium fabrum/1176649	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T T1G, G3C, C6T, C11A, A12G, G15C, C20T G16G, G14T, G8T, T5T, A1-	Forward Probe Reverse	limited coverage (excluded)
	Agrobacterium salinitolerans/1183413	3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G10-, C20T, +15C G16G, G14T, G10T, T5T, A1-	Forward Probe Reverse	limited coverage (excluded)
			2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G10-, C20T, C21T, +15C G14T, G13T, G10T, T5T	Forward Probe Reverse	limited coverage (excluded)
	Austwickia/1184606	1	1	A5C, A8C, C12A, C17G, T20C G3A, G10T, T17G, C18G, C20T, C21G G16G, A1-	Forward Probe Reverse	Not Detected
				A5G, G6T, A8G, C12T, C17G, T20C G8-, T16C, C18G, C21G, +20T	Forward Probe	limited

	Ectopseudomonas guguanensis/1198456	1	1	G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1- Reverse	coverage (excluded)	
	Stutzerimonas kunmingensis/1211807	2	1	A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3C, C6G, G10-, C20T, +15C	Probe	
				G16T, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Halioglobus/1217416	1	1	A5G, A8G, C12A, C14T, T20C	Forward	limited coverage (excluded)
				T1G, G10C, C11G, A12C, G15C	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Paludibacterium paludis/1225769	1	1	A5C, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G8-, C20T, +15T	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Algiphilus/1266053	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				G3A, G10-, T16C, C18G, C21T, +21G	Probe	
				G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Janibacter cremeus/1285192	1	1	A5C, C12A, T20C	Forward	limited coverage (excluded)
				T1C, C6G, C20T	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Diaphorobacter aerolatus/1288495	1	1	A5C, G6T, A8G, C12T, C17A, T20C	Forward	limited coverage (excluded)
				G8-, T16A, C18G, C24T, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Aquabacterium olei/1296669	2	2	A5C, G6A, A8C, C12T, T20C	Forward	limited coverage (excluded)
				C6G, G10C, C11A, G15C, T17G, C18G, C20T	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mycobacterium orygis/1305738	2	2	No Mutations	NA	Detected
	Rhizobium jaguaris/1312183	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G3C, G8-, C20T, +15T	Probe	
				G14T, T5T, A1-	Reverse	
	Bordetella pseudohinzii/1331258	1	1	A5G, G6T, C12T	Forward	Not Detected
				G8-, C18G, C21G, C24T, +20T	Probe	
				G14T, G10T, G8T, A1-	Reverse	
				G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-,	Forward	

	Sphingobium baderi/1332080	1	1	C11-, C12-		limited coverage (excluded)
				T1C, C2A, G3C, A12C, G15C, C20T, C21T	Probe	
				G16G, G14T, G13T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Achromobacter deleyi/1353891	1	1	A5G, A8C, C12A, T20C, G21C	Forward	Not Detected
				T1C, T7-, G9C, G10C, T17G, G19A, G25T, +13C	Probe	
				G16G, C3-, G2-, A1-	Reverse	
	Burkholderia mayonis/1385591	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, C21T, +21G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Agromyces marinus/1389020	2	2	A5G, A8T, C12G, C14G, C17G, T20C	Forward	Not Detected
				T1G, G3A, C6A, G10A, C11G, A12T, G15C	Probe	
				G8T, C3-, G2-, A1-	Reverse	
	Leisingera aquaemixtae/1396826	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				G8-, C20T, C21T, C24T, +15C	Probe	
				G16G, C9A, T5T, A1-	Reverse	
	Pseudosulfitobacter pseudonitzschiae/1402135	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17G	Forward	limited coverage (excluded)
				C6G, G8-, C18T, C20T, C24T, +15C	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pacifictalea manganoxidans/1411902	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G10A, C11A, A12G, G15C, C20T, C24T	Probe	
				G14T, A1-	Reverse	
	Tessaracoccus lapidicaptus/1427523	1	1	A5C, G6A, A8C, C14G, C17A, A19T, T20C	Forward	limited coverage (excluded)
				T1A, G10A, A12C, T16C, +16G	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pontimonas/1434032	1	1	A5G, A8G, C12A, C14T, G21A	Forward	limited coverage (excluded)
				T1C, G3C, G10A, A12C, G13C, G14A, T16G, C18G, C21G, C24T	Probe	
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Nitrosomonas stercoris/1444684	1	1	C12A, C14G, C17T, G21A	Forward	limited coverage (excluded)
				T1C, G3C, G19T, C20T, C21G, G25C	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Tahibacter/1453544	1	1	A5G, G6T, C12T, C14T, T20C	Forward	Not Detected
				G8-, C20T, +15A	Probe	
				G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Advenella alkanexedens/1481665	1	1	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, G13A, T16C, C18G, C21A, C24T, +20T	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
				A5C, A8C, C12A	Forward	

	Lichenicola cladoniae/1484109	1	1	A5C, A8C, C12A T1C, T7G, G8C, A12C, G19-, C20-, C21-, T22-, A23-, C24-, G25- reverse_missing	Forward Probe Reverse	limited coverage (excluded)
	uncultured bacterium 183_29_M04/1500412	1	1	A5C, G6T, A8G, C12T, T20C G10-, T16C, C18G, C21T, +21G G16G, G14T, G8T, G7G, A1-	Forward Probe Reverse	Not Detected
	Pseudoduganella/1522432	1	1	A5G, G6T, A8T, C12T, C17G, T20C G8-, C18T, C20T, C24T, +15C A17C, G14T, G13T, G10T, G8T, T5T, A1-	Forward Probe Reverse	Not Detected
	Pseudohongiella/1524249	1	1	C12A, C14T, A19T, T20C T1G, G3C, G10T, C18T, C20T, C24T G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Neorhizobium/1525371	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G3C, G10C, C11A, G15C, C20T G14T, T5T, A1- G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12- T1G, G10-, C20T, C21T, +15C G14T, G13T, G10T, T5T, A1-	Forward Probe Reverse Forward Probe Reverse	limited coverage (excluded) limited coverage (excluded)
	Pseudooceanicola algae/1537215	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C G3A, A12C, G15A, C20T G16G, G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Piscinibacter sakaiensis/1547922	1	1	A5C, C11T, C12A, C14G T1C, G15A, G19A, C20T, G25T reverse_missing	Forward Probe Reverse	limited coverage (excluded)
	Sphingobium phenoxybenzoativorans/1592790	1	1	A5C, C7T, A8C, C12T T1C, C2A, G3T, G10A, A12C, G15C, C18T, C20T G16G, G14T, T5T, A1-	Forward Probe Reverse	Not Detected
	Eleftheria terrae/1597781	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C G10-, +15C T15G, G14T, G10T, G8T, T5T, A1-	Forward Probe Reverse	limited coverage (excluded)
	Niveispirillum cyanobacteriorum/1612173	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-, T18- G3C, G10A, C11G, A12C, C20T G14T, G10A, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Rouxiella badensis/1646377	1	1	A5G, C11T, C12T, C14T, C17G, T20C T1A, C2G, G3C, G10C, C11A, A12G G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Aquibium oceanicum/1670800	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited

	Aquibrium oceanicum/1070800	1	1	<table><tr><td>T1A, C2G, G3C, G10T, A12G, G15C, C20T</td><td>Probe</td><td rowspan="2">coverage (excluded)</td></tr><tr><td>G16G, G14T, G4T, A1-</td><td>Reverse</td></tr></table>	T1A, C2G, G3C, G10T, A12G, G15C, C20T	Probe	coverage (excluded)	G16G, G14T, G4T, A1-	Reverse																																																																																												
T1A, C2G, G3C, G10T, A12G, G15C, C20T	Probe	coverage (excluded)																																																																																																			
G16G, G14T, G4T, A1-	Reverse																																																																																																				
	Egicoccus halophilus/1670830	1	1	<table><tr><td>A5C, G6A, A8C, A19T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1C, G10T, A12C, T16G</td><td>Probe</td></tr><tr><td>G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, G6A, A8C, A19T, T20C	Forward	limited coverage (excluded)	T1C, G10T, A12C, T16G	Probe	G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																										
A5C, G6A, A8C, A19T, T20C	Forward	limited coverage (excluded)																																																																																																			
T1C, G10T, A12C, T16G	Probe																																																																																																				
G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																																				
	Phycicoccus endophyticus/1690220	1	1	<table><tr><td>A5C, A8C, C12A, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1A, C2G, G3C, C6G, G10T, A12G, T17G, C18G, C20T, C21G</td><td>Probe</td></tr><tr><td>T15G, G14T, A1-</td><td>Reverse</td></tr></table>	A5C, A8C, C12A, T20C	Forward	Not Detected	T1A, C2G, G3C, C6G, G10T, A12G, T17G, C18G, C20T, C21G	Probe	T15G, G14T, A1-	Reverse																																																																																										
A5C, A8C, C12A, T20C	Forward	Not Detected																																																																																																			
T1A, C2G, G3C, C6G, G10T, A12G, T17G, C18G, C20T, C21G	Probe																																																																																																				
T15G, G14T, A1-	Reverse																																																																																																				
	Roseomonas fluvialis/1750527	1	1	<table><tr><td>A5C, A8C, C12A</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>T1C, T7G, G8C, G15C, G19C, C20T, C21G, A23T, G25C</td><td>Probe</td></tr><tr><td>T15C, G14T, G10T, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, A8C, C12A	Forward	Not Detected	T1C, T7G, G8C, G15C, G19C, C20T, C21G, A23T, G25C	Probe	T15C, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																										
A5C, A8C, C12A	Forward	Not Detected																																																																																																			
T1C, T7G, G8C, G15C, G19C, C20T, C21G, A23T, G25C	Probe																																																																																																				
T15C, G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																																				
	Methylobacterium indicum/1775910	1	1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6G, G10T, A12G, G15C, C20T</td><td>Probe</td></tr><tr><td>G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)	T1G, C6G, G10T, A12G, G15C, C20T	Probe	G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																										
G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)																																																																																																			
T1G, C6G, G10T, A12G, G15C, C20T	Probe																																																																																																				
G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																																				
	Skermanella mucosa/1789672	2	<table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6T, G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td><table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6G, G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td><td></td></tr></table></td></tr><tr><td></td><td>Cupriavidus nantongensis/1796606</td><td>1</td><td>1</td><td><table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>C6A, G10-, C18G, C21T, +21G</td><td>Probe</td></tr><tr><td>T15G, G14T, G8T, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>uncultured bacterium IN-14/1805592</td><td>1</td><td>1</td><td><table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G8-, G13A, T16C, C18G, C21A, C24T, +20T</td><td>Probe</td></tr><tr><td>G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Skermanella rosea/1817965</td><td>2</td><td>2</td><td><table><tr><td>A5C, A8G, C11T, C12T, C17G, A19T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6A, G10C, C11A, G15C, C20T, C21T</td><td>Probe</td></tr><tr><td>G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td></tr><tr><td></td><td>Xanthomonas nasturtii/1843581</td><td>2</td><td><table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>A12C, C20T, C21G</td><td>Probe</td></tr><tr><td>G16G, G14T, C9A, G8T, G7G, A1-</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td><table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>A12C, C20T, C21G</td><td>Probe</td></tr><tr><td>G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td><td></td></tr></table></td></tr><tr><td></td><td>Dyella nitratireducens/1849580</td><td>1</td><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, T20C</td><td>Forward</td><td rowspan="2">limited coverage</td></tr><tr><td>C6G, G10-, C20T, +15C</td><td>Probe</td></tr></table></td></tr></table></td></tr></table>	1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6T, G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G	Forward	limited coverage (excluded)	T1G, C6T, G10-, C20T, +15C	Probe	G14T, T5-, G4-, C3-, G2-, A1-	Reverse					<table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6G, G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table></td><td></td></tr></table>	1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6G, G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G	Forward	limited coverage (excluded)	T1G, C6G, G10-, C20T, +15C	Probe	G14T, T5-, G4-, C3-, G2-, A1-	Reverse			Cupriavidus nantongensis/1796606	1	1	<table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>C6A, G10-, C18G, C21T, +21G</td><td>Probe</td></tr><tr><td>T15G, G14T, G8T, A1-</td><td>Reverse</td></tr></table>	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected	C6A, G10-, C18G, C21T, +21G	Probe	T15G, G14T, G8T, A1-	Reverse		uncultured bacterium IN-14/1805592	1	1	<table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G8-, G13A, T16C, C18G, C21A, C24T, +20T</td><td>Probe</td></tr><tr><td>G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)	G8-, G13A, T16C, C18G, C21A, C24T, +20T	Probe	G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse		Skermanella rosea/1817965	2	2	<table><tr><td>A5C, A8G, C11T, C12T, C17G, A19T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6A, G10C, C11A, G15C, C20T, C21T</td><td>Probe</td></tr><tr><td>G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, A8G, C11T, C12T, C17G, A19T	Forward	limited coverage (excluded)	T1G, C6A, G10C, C11A, G15C, C20T, C21T	Probe	G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse		Xanthomonas nasturtii/1843581	2	<table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>A12C, C20T, C21G</td><td>Probe</td></tr><tr><td>G16G, G14T, C9A, G8T, G7G, A1-</td><td>Reverse</td></tr></table></td><td></td></tr><tr><td></td><td></td><td></td><td><table><tr><td>1</td><td><table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T</td><td>Forward</td><td rowspan="3">limited coverage 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A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, T20C	Forward	limited coverage	C6G, G10-, C20T, +15C	Probe
1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6T, G10-, C20T, +15C</td><td>Probe</td></tr><tr><td>G14T, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G	Forward	limited coverage (excluded)	T1G, C6T, G10-, C20T, +15C	Probe	G14T, T5-, G4-, C3-, G2-, A1-		Reverse																																																																																												
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	Cupriavidus nantongensis/1796606	1	1	<table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">Not Detected</td></tr><tr><td>C6A, G10-, C18G, C21T, +21G</td><td>Probe</td></tr><tr><td>T15G, G14T, G8T, A1-</td><td>Reverse</td></tr></table>	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected	C6A, G10-, C18G, C21T, +21G	Probe	T15G, G14T, G8T, A1-	Reverse																																																																																										
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	uncultured bacterium IN-14/1805592	1	1	<table><tr><td>A5C, G6T, A8G, C12T, T20C</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>G8-, G13A, T16C, C18G, C21A, C24T, +20T</td><td>Probe</td></tr><tr><td>G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)	G8-, G13A, T16C, C18G, C21A, C24T, +20T	Probe	G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																										
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	Skermanella rosea/1817965	2	2	<table><tr><td>A5C, A8G, C11T, C12T, C17G, A19T</td><td>Forward</td><td rowspan="3">limited coverage (excluded)</td></tr><tr><td>T1G, C6A, G10C, C11A, G15C, C20T, C21T</td><td>Probe</td></tr><tr><td>G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-</td><td>Reverse</td></tr></table>	A5C, A8G, C11T, C12T, C17G, A19T	Forward	limited coverage (excluded)	T1G, C6A, G10C, C11A, G15C, C20T, C21T	Probe	G14T, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse																																																																																										
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	Dyella nitratireducens/1849580	1	1	<table><tr><td>G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, T20C</td><td>Forward</td><td rowspan="2">limited coverage</td></tr><tr><td>C6G, G10-, C20T, +15C</td><td>Probe</td></tr></table>	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, T20C	Forward	limited coverage	C6G, G10-, C20T, +15C	Probe																																																																																												
G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, T20C	Forward	limited coverage																																																																																																			
C6G, G10-, C20T, +15C	Probe																																																																																																				

				G16G, G14T, G8T, A1-	Reverse	(excluded)
	Lysinibacter/1857011	1	1	A5T, A8G, C11T, C12A	Forward	Not Detected
				T1G, C6A, G10T, A12T, C21G, C24T	Probe	
				G13T, G8T, G7G, T5T	Reverse	
	Sinimarinibacterium/1861863	1	1	A5G, G6T, A8G, C12T	Forward	limited coverage (excluded)
				G8-, G13A, T16C, C18G, C21G, C24T, +20T	Probe	
				G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Mycolicibacterium/1866885	2	2	A5C, G6A, A8C, C12T, C17T, T20C	Forward	Not Detected
				T1C, C2G, A4T, A12G, G15C, C18T, C20T	Probe	
				T15G, G14T, G8T, G7G, T5T	Reverse	
	bacterium/1869227	1	1	A5G, A8C, C12A, T20C	Forward	limited coverage (excluded)
				G10A, A12G, G14A, C20-, C21-, T22-, A23-, C24-, G25-	Probe	
				reverse_missing	Reverse	
	Pistricoccus aurantiacus/1883414	1	1	A5G, A8T, C11T, C12T	Forward	limited coverage (excluded)
				T1G, G10T, A12C, G15T, C20T	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Acetobacteraceae bacterium/1909293	3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				T1G, G3C, A12G, G15A, C20T	Probe	
				G14T, A1-	Reverse	
			1	A5C, A8C, C12A	Forward	limited coverage (excluded)
				T1C, T7G, G8C, G10A, A12G, G19C, C20T, G25C	Probe	
				T15T, G14T, G13G, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5C, A8C, C12A	Forward	limited coverage (excluded)
				T1C, C6G, T7A, G8T, G19-, C20-, C21-, T22-, A23-, C24-, G25-	Probe	
				reverse_missing	Reverse	
	Raineiyella/1911549	2	1	A5C, A8C, C12T, T20C	Forward	Not Detected
				A12C, G15C, T17G, C18G, G19A	Probe	
				T15G, G14T, A1-	Reverse	
			1	A5G, A8C, C12A, C17T, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G19T, C20G	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Alphaproteobacteria bacterium/1913988	2	1	A5G, A8G, C12T	Forward	Not Detected
				T1G, A12C, C20T, C21A	Probe	
				A17C, G16G, G14T, T5T, A1-	Reverse	
			1	A5G, G6T, A8G, C12T, C17T, T20C	Forward	Not Detected
				G10A, C11T, A12G, T16A, C18G, C20T, T22C, C24T	Probe	

				G14T, G13T, G8T, T5T, A1-	Reverse	
Gammaproteobacteria bacterium/1913989		5	1	G1-, G2-, G3-, T4-, A5-, A8G, C11T, T20C	Forward	Not Detected
				T1G, A12G, C20T	Probe	
				G14T, A1-	Reverse	
			1	A5G, G6T, A8G, C14G, T20C	Forward	Not Detected
				T1G, C6T, G10C, C11G, G25A	Probe	
				G14T, G4T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, A8G, C14G, C17G, T20C	Forward	Not Detected
				T1G, G10A, A12G	Probe	
				G14T, G4T, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, T20C	Forward	limited coverage (excluded)
				T1G, C6T, G10C, C11G, G25A	Probe	
				G14T, G4T, A1-	Reverse	
			1	G1-, G2-, A5T, A8C, C12A	Forward	limited coverage (excluded)
				T1C, A12G, G15C, G19-, C20-, C21-, T22-, A23-, C24-, G25-	Probe	
				reverse_missing	Reverse	
			Demequina sediminis/1930058		1	1
T1G, C6G, G10T, A12C, G15C	Probe					
G13T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse					
Leucobacter muris/1935379		1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, C14G, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G10T, A12T, C24T	Probe	
				G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Paraburkholderia aromaticivorans/2026199		1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				C6G, G10-, T16C, C18G, +20T	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Neopusillimonas maritima/2026239		1	1	A5T, C11T, C12T, C17T	Forward	limited coverage (excluded)
				G3C, C6A, G10-, C18G, +20T	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Chloroflexota bacterium/2026724		2	1	A5G, A8C, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G3C, G10T, A12G, G15C, T17A, C21G	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5G, A8C, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C5G, G10T, A12G, G15C, T16G, T17A	Probe	
				A17G, G14G, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Rhodospirillales bacterium/2026786		1	1	A5G, A8C, C12T, T20C	Forward	Not Detected
				G3C, A12C, G15C, C20T	Probe	
				G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	

	Bryobacterales bacterium/2026791	12	12	A5G, A8G, C12A	Forward	limited coverage (excluded)
				T1C, T7C, G8A, C11A, C18T, C20T, C21G, G25C	Probe	
				reverse_missing	Reverse	
	Methylobacterium currus/2051553	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G, T20C	Forward	limited coverage (excluded)
				T1G, C6G, G10T, A12G, G15C, C20T, C21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Fibrobacterota bacterium/2052160	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
				G10T, A12T, G15C, C20T, C21A, C24T	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Kinneretia aquatilis/2070761	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C12T, C17G	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C20G, +20T	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pseudomonadaceae bacterium SI-3/2079806	1	1	A5G, G6T, A8G, C12T, C17G	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Acidimicrobiia bacterium/2080302	6	4	G1-, G2-, G3-, T4-, A5-, A8G, C12A	Forward	Not Detected
				T1C, G10T, A12G, C20T, C21G	Probe	
				G16G, G14T, C3-, G2-, A1-	Reverse	
			1	A5C, A8G, C11T, C12A, T20C	Forward	Not Detected
				T1C, T7C, A12G, C24T	Probe	
				G16G, G14T, G8T, C3-, G2-, A1-	Reverse	
			1	A5G, A8G, C12T	Forward	Not Detected
				T1C, C2G, G3C, T7C, G9T, G10T, C20T, C21G, C24T	Probe	
				G14T, C9T, G8G, A1-	Reverse	
	Corynebacterium yudongzhengii/2080740	1	1	A5C, A8G, C11T, C12T, C17G	Forward	limited coverage (excluded)
				T1C, C2A, G3C, T7A, G9C, G10T, C11G, A12C, G15T, G19A, C20G	Probe	
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Terriglobia bacterium/2081523	1	1	A5C, A8G, C11T, C14G, C17T, T20C	Forward	limited coverage (excluded)
				T1G, C6G, G10C, C11G, A12T, G15A, C20T, C21G	Probe	
				G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Rhizobium ruizarguesonis/2081791	2	1	A5T, G6T, C11T, C12T	Forward	Not Detected
				T1G, G3T, G10C, C11A, G15C, C20T, C21T	Probe	
				G16G, G14T, G7T, T5T	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, G10-, C20T, +17T	Probe	
				G16G, G14T, G8T, T5T	Reverse	

	Ottowia oryzae/2109914	1	1	A5G, G6T, A8G, C12T G3C, G10-, T16C, C18G, C21T, C24T, +21G G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Flavobacterium magnum/2162713	1	1	forward_missing T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, G15-, T16-, T17- G10T, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
	Acidimicrobiales bacterium/2201156	7	1	A5C, A8G T1C, C2G, G3C, G10T, A12G, G19T, C20G T15G, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
				A5C, C11T, C12T C2G, G8T, G15A, C20T, C21A, C24T G16A, G8T, G4-, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
				A5C, A8G, C12A, T20C T1C, C2G, G3C, G10T, A12G, G19T, C20G T15G, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
			1	A8G, C11T, C12T, C14G G10T, A12G, G19T, C20G, +3C T15G, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
				A8G, T20C T1C, C2G, G3C, T7C, G9C, G10A, C11G, A12C, C20T, G25A G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
			1	C11T T1C, C2G, G3C, T7A, G8A, G10A, A12C, C20T, C21A, C24T G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Forward Probe Reverse	limited coverage (excluded)
				G1-, G2-, G3-, T4-, A5-, A8G T1C, C2G, G3C, T7C, G9C, G10A, C11G, A12C, G15C, C20T, C21G G16G, G14T, C3-, G2-, A1-	Forward Probe Reverse	Not Detected
			1	A5G, A8C, C11T, C12T, C17G T1G, C6G, G10-, C20T, +17T G14T, T5T, A1-	Forward Probe Reverse	Not Detected
			1	A5C, A8C, C11T, C12A G3C, C6G, G10T, A12G, T17G, C18G, C20T, C21G G14T, G10T, G7T, G4T, A1-	Forward Probe Reverse	Not Detected
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C T1G, A12C, G15C, C18T, C20T G14T, G10T, T5T	Forward Probe Reverse	limited coverage (excluded)
			1	A5C, C7T, A8G, C12A T1C, C2G, G8-, C24T, +15A	Forward Probe	Not Detected

				G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Gemmatimonadales bacterium/2448054	1	1	A5G, G6T, A8C, C14G, T20C	Forward	Not Detected
				T1G, G3C, G10C, C11G, A12T, G15C, C20T	Probe	
				G14T, G8T, T5T, A1-	Reverse	
	Mycobacterium novum/2492438	1	1	A8C, C11T, C12T, C17G	Forward	Not Detected
				C6G, G10T, A12G, G15C, T17G, C18G, G19T, C20G, G25A	Probe	
				G16G, G14T, A1-	Reverse	
	Flaviflexus ciconiae/2496867	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12A	Forward	limited coverage (excluded)
				T1G, G3C, G10T, A12C	Probe	
				G14T, G8T, T5T	Reverse	
	Nocardioides yefusunii/2500546	1	1	A5T, A8C, C12A, T20C	Forward	limited coverage (excluded)
				T1G, G10T	Probe	
				G16G, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Desulfarculaceae bacterium/2528248	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C14G, C17A, T20C	Forward	limited coverage (excluded)
				G10-, C18T, C24T, +15A	Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Rhodocaloribacter litoris/2558931	1	1	A5C, G6T, A8G, C11T, C14G	Forward	Not Detected
				T1G, G3C, G10C, C11G, A12C, G15C, C20T	Probe	
				G14T, G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Comamonas flocculans/2597701	1	1	A5G, C7T, A8C, C12T, C17G, T20C	Forward	Not Detected
				G3C, G10-, T16A, C18G, C21T, +21G	Probe	
				G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Pukyongiella litopenaei/2605946	1	1	A5G, G6T, A8G, C12T	Forward	Not Detected
				C6A, A12G, T16A, C18G, C20T, C24T	Probe	
				G14T, G10T, G8T, T5T, A1-	Reverse	
	Cupriavidus cauae/2608999	2	2	A5C, G6T, A8G, C12T, T20C	Forward	Not Detected
				C6A, G10-, C18G, C21T, +21G	Probe	
				T15G, G14T, G8T, A1-	Reverse	
	Nocardioides marmotae/2663857	1	1	A5T, A8T, C12A, T20C	Forward	Not Detected
				T1G, G10T	Probe	
				G16G, G8T, C3-, G2-, A1-	Reverse	
	Allosaccharopolyspora coralli/2665642	1	1	A8C, C12T, T20C	Forward	Not Detected
				C6G, G10T, A12G, T16A, C18G, C20G, +20T	Probe	
				G16G, G14T	Reverse	
	Plant binary expression vector pDEL.ROS/2683228	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, C17T	Forward	limited coverage (excluded)
				T1G, G3C, C6T, C11A, A12G, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
	Demomimonas bacterium/2683256	1	1	A5C, A8G, C12A	Forward	Not Detected
				T1G, G3C, G10A, C11A, A12T, G15C, G25A	Probe	

	Demequinaceae bacterium/2663256	1	1	T1G, G3C, G10A, C11A, A121, G13C, G23A	Probe	Not Detected
				G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Corynebacterium lizhenjunii/2709394	1	1	A5G, C11T, C12T, C14T	Forward	limited coverage (excluded)
				C2A, G3C, T7A, G8A, G10-, C18T, G19T, C20G, +15C	Probe	
				G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Propioniciclava coleopterorum/2714937	1	1	A5G, A8C, C12A, C17G	Forward	Not Detected
				C6G, A12C, G15C, T17G, C18G, C21G, C24T	Probe	
				G10T, A1-	Reverse	
	Pseudomonas tohonis/2725477	1	1	A5G, G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Massilia forsythiae/2728020	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)
				C6T, G10-, C20T, C21G, +15C	Probe	
				G14T, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Acidithiobacillus montserratensis/2729135	1	1	A5G, A8T, C11T, C12T, C14T	Forward	limited coverage (excluded)
				C11A, G15A, T17G, C18G, C20T, C21G, C24T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Agrobacterium vaccinii/2735528	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17A	Forward	limited coverage (excluded)
				T1G, G3T, G10C, C11A, A12G, C20T	Probe	
				G14T, G8T, T5T	Reverse	
	Mycobacterium ostraviense/2738409	1	1	A5C, A8C, C12A, A19T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, G10-, G19T, C20G, G25A, +15A	Probe	
				G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Comamonas antarctica/2743470	2	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, C17G	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17A, T20C	Forward	limited coverage (excluded)
				C6G, G10-, G13A, C18G, C21A, +21G	Probe	
				G14T, G13T, G10T, G8T, G7G, A1-	Reverse	
	Bradyrhizobium quebecense/2748629	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T	Forward	limited coverage (excluded)
				T1G, G10A, A12C, G15C, C20T	Probe	
				G14T, C12A, T5-, G4-, C3-, G2-, A1-, +10C	Reverse	
	Microcella indica/2750620	1	1	A5C, A8C, C12G, C14G, T20C	Forward	Not Detected
				T1G, C6G, G10T	Probe	
				G10T, G8T, C3-, G2-, A1-	Reverse	
			1	A5G, A8C, C12A, C14G	Forward	Not Detected
				C6G, G10T, A12G, G15C, T17G, C18G, C20T, C24T	Probe	

	Nocardia huaxiensis/2755382	2		G16G, G14T, A1-	Reverse	Not Detected	
			1	A8C, C11T, C12T, T20C			Forward
				C6G, G10T, A12G, G15A, T17G, C18G, C20T, C21A, C24T			Probe
				T15G, G14T, G13G, A1-			Reverse
	Pontivivens nitratireducens/2758038	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T		Forward	limited coverage (excluded)
				T1G, C6G, G8-, C20T, +15C		Probe	
				G14T, T11C, G10T, T5T, A1-		Reverse	
	Flaviflexus equikiangi/2758573	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12A		Forward	limited coverage (excluded)
				T1G, G3C, G10T, A12C		Probe	
				G14T, G8T, T5T		Reverse	
	Sphingomonas albertensis/2762591	1	1	A5G, G6T, A8G, C12T		Forward	Not Detected
				T1G, C20T		Probe	
				G14T, C9A, A1-		Reverse	
	Skermanella cutis/2775420	2	2	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G		Forward	limited coverage (excluded)
				T1G, C6T, G10-, C20T, +15C		Probe	
				G14T, T5-, G4-, C3-, G2-, A1-		Reverse	
	Ruania alkalisoli/2779775	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-, A15-, C16-, C17-, T18-, A19-, T20-		Forward	limited coverage (excluded)
				T1C, G3C, G15T, T16G		Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-		Reverse	
	Microbacterium luteum/2782167	1	1	A5C, A8G, C12A		Forward	limited coverage (excluded)
				T1G, G3A, C6A, A12G, G15A		Probe	
				G16G, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-		Reverse	
	Ottowia testudinis/2816950	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C		Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G		Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-		Reverse	
	Fuscovulum/2818469	1	1	A5T, G6T, C11T, C12T		Forward	Not Detected
				T1C, G3C, C6T, G10T, A12C, G15C, T16A, T17C, C20T, C24T		Probe	
				G14T, G8T, T5-, G4-, C3-, G2-, A1-		Reverse	
	Myxococcota bacterium/2818507	1	1	A5C, A8C, C14G, T20C		Forward	limited coverage (excluded)
				T1C, C2G, G3C, G15C, C21G, C24T		Probe	
				G13G, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-		Reverse	
	Pengzhenrongella sicca/2819238	1	1	A5C, G6A, C14G, T20C		Forward	Not Detected
				T1C, A12C, T16G		Probe	
				T15G, G14T, G8T, C3-, G2-, A1-		Reverse	
	Acidihalobacter vilgarnensis/2819280	1	1	A5G, G6T, A8G, C12T, C17G		Forward	limited
				G3A, G10-, T16C, C18G, +20T		Probe	

		1	1	T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	coverage (excluded)
	Gordonia pseudamarae/2831662	1	1	A5C, C7T, A8C, C12A, A19G, T20C	Forward	Not Detected
				T1C, C2G, G3A, G10-, G25A, +15C	Probe	
				G10T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Caudoviricetes sp./2832643	1	1	C12A, T20C	Forward	limited coverage (excluded)
				T1C, C2G, G3C, G8T, G9A, A12-, C21G, G25A, +6G	Probe	
				G13G, G10T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Methylomarinovum tepidoasis/2840183	1	1	A5G, C12A	Forward	limited coverage (excluded)
				T1C, C6T, C11A, A12G, G19-, C20-, C21-, T22-, A23-, C24-, G25-	Probe	
				reverse_missing	Reverse	
	Micrococcus porci/2856555	1	1	A5C, A8G, C12T	Forward	limited coverage (excluded)
				T1C, C2G, G3C, C6G, A12G, G15C, C20T, C21A	Probe	
				G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Streptomyces profundus/2867410	1	1	G1-, G2-, G3-, T4-, A5-, A8C, T20C	Forward	Not Detected
				T1C, C2G, G10T, A12C, G15C, T17G, C18G, C20T	Probe	
				T15C, G14T, G13G, C3-, G2-, A1-	Reverse	
	Mycobacterium kiyosense/2871094	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, C20T	Probe	
				G14T, A1-	Reverse	
	Leucobacter tenebrionis/2873270	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12G, C14G, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G10T, A12T, C24T	Probe	
				G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Paracoccus everestensis/2903900	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-	Forward	limited coverage (excluded)
				G3A, C5G, G13T, C18-, G19-, C20-, C21-, +9CAGA	Probe	
				G14T, G10T, G8T, T5T, A1-	Reverse	
	Solicola gregarius/2908642	1	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1C, G10T, A12G, G15C, T16A, C18G, C21G, A23T, G25A	Probe	
				G10T, G8T, C3-, G2-, A1-	Reverse	
			1	A5G, A8C, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11G, A12C, G15C, C20T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5C, A8G, T20C	Forward	limited coverage (excluded)
				T1G, G10C, C11G, A12C, G15C, C20T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

Vicinamibacterales bacterium/2910147		6	1		G1-, G2-, G3-, T4-, A5-, A8C, C14G, T20C	Forward	Not Detected
					T1G, C6G, G10C, C11G, A12C, G15T, C20T, C21G	Probe	
					T15G, G14T, T5T, A1-	Reverse	
			1		A5C, A8C, C12T	Forward	Not Detected
					T1G, G3C, C6G, G10C, C11G, A12C, G15C, C18T, C20T	Probe	
					G14T, G10T, G7G, T5T, A1-	Reverse	
			1		G1-, G2-, G3-, T4-, A5-, A8C, C12T, C14G, T20C	Forward	Not Detected
					T1G, C6G, G10C, C11G, A12G, G15T, C20T, C21G	Probe	
					G14T, G7A, T5T, A1-	Reverse	
			1		G1-, G2-, G3-, T4-, A5-, A8C, C12T, C14G, T20C, G21C	Forward	Not Detected
					T1G, C6G, G10C, C11G, A12G, G15T, C20T, C21G	Probe	
					G14T, G7A, T5T, A1-	Reverse	
Longimicrobiales bacterium/2910168		1	1		A5G, G6T, A8C, T20C	Forward	limited coverage (excluded)
					T1C, C2G, T7-, G10C, G13A, C20T, C24T, +12C	Probe	
					G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Arenicellales bacterium/2913493		2	1		A5C, A8C, C12A, C17G, T18C, T20G	Forward	limited coverage (excluded)
					T1G, G10T, G15A, C20T	Probe	
					G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1		A5G, A8T, C11T, C14G, C17G	Forward	limited coverage (excluded)
					T1G, G3C, G10T, A12T, G15A, C18T, C20T, C21G, C24T	Probe	
					G16-, T15-, G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Sphaerotilus microaerophilus/2914710		1	1		A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
					G10-, T16G, C18G, C21T, +21G	Probe	
					G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Alloyangia/2919626		1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T20C	Forward	limited coverage (excluded)
					T1G, C2T, G3T, G10A, C11G, G15C, C20T, C24T	Probe	
					G16G, G14T, A1-	Reverse	
Leisingera thetidis/2930199		1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
					T1G, G3C, G10A, C11A, C24T	Probe	
					reverse_missing	Reverse	
Leucobacter rhizosphaerae/2932245		1	1		A5G, A8G, C12T	Forward	limited coverage (excluded)
					T1A, C2G, C6G, A12C, C20T, C21A	Probe	
					G16G, G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

	Leucobacter allii/2932247	1	1	A5C, G6T, A8C, C14G, C17A, A19T, T20C	Forward	limited coverage (excluded)
				T1A, A4G, T16G, T17C, C21T	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Halorussus limi/2938695	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, G15-, T16-, T17-, C18-, G19-, C20-, C21-, T22-	Probe	
				A1-	Reverse	
	Jatrophihabitans cynanchi/2944128	1	1	A5C, G6A, A8C, C12T, C17T, T20C	Forward	Not Detected
				T1C, C2G, G3C, A12C, C20T	Probe	
				T15G, G14T, G8T, T5T, A1-	Reverse	
	Stutzerimonas frequens/2968969	1	1	A5G, G6T, A8G, C12T, C17G, T20C	Forward	limited coverage (excluded)
				G8-, T16C, C18G, C21G, C24T, +20T	Probe	
				G16G, G14T, G13T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Azospirillum argentinense/2970906	3	1	G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				T1G, G3C, C6G, G10-, C20T, +15C	Probe	
				G14T, A1-	Reverse	
			2	A5G, A8G, C11T, C12T, T20C	Forward	Not Detected
				T1G, G3C, C6A, G10-, C20T, +15C	Probe	
				G14T, C9A, T5T, A1-	Reverse	
	Candidatus Spongiisocius/2983163	1	1	G1-, G2-, G3-, T4-, A5-, A8C, C12A	Forward	Not Detected
				T1C, G10T, A12G, G15T, C21G, C24T	Probe	
				G16G, G14T, T5-, G4-, C3-, G2-, A1-	Reverse	
	Candidatus Aldehydirespirator/2983181	4	2	A5C, A8G, C14G	Forward	Not Detected
				T1C, C2G, G3C, G10T, A12G, C20T, C21G, C24T	Probe	
				C3-, G2-, A1-	Reverse	
			1	G1-, G2-, A5C, A8G, C14G	Forward	Not Detected
				T1C, C2G, G3C, C6A, T7C, G9C, G10T, A12G, C20T, C21G	Probe	
				G14T, A6C, C3-, G2-, A1-	Reverse	
			1	A5G, A8C, C12A	Forward	limited coverage (excluded)
				T1C, A12C, G15C, C20G, C21G, G25C	Probe	
				reverse_missing	Reverse	
	Candidatus Poriferisocius/2983186	2	1	A5G, A8G, C14G	Forward	Not Detected
				T1C, C2G, G10T, A12G, G15A, C20T	Probe	
				C3-, G2-, A1-	Reverse	
			1	A5C, A8G, C12T, C14G	Forward	Not Detected
				T1C, C2G, G10T, A12G, C20T	Probe	
				C3-, G2-, A1-	Reverse	
			3	A8G, C12A	Forward	Not Detected
				T1C, C2G, G3C, G10T, A12G, C20T	Probe	
				T5-, G4-, C3-, G2-, A1-	Reverse	

Candidatus Poriferisodalis/2983190	5	1		T3-, G4-, C3-, G2-, A1-	Reverse	Not Detected
				A5C, A8C, C11T, C14G, T18C, T20C	Forward	
				T1G, G3C, G10T, A12C, G15T, T16G, C24T	Probe	
				A6C, C3-, G2-, A1-	Reverse	
			1	A5C, A8C, A15G, T18C, A19C, T20G	Forward	Not Detected
				T1G, G3C, C5G, G10T, A12C, T16G, C24T	Probe	
				A6G, C3-, G2-, A1-	Reverse	
Methylobacterium flocculans/2984843	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12T, T20C	Forward	limited coverage (excluded)
				T1G, G10T, A12C, G15C, C20T	Probe	
				G16G, G14T, G8T, T5T, A1-	Reverse	
Alcaligenes nematophilus/2994643	1	1		A5C, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				G8-, G13A, T16C, C18G, C21G, C24T, +20T	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Thalassobaculaceae bacterium/3014067	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, C12A, C17G, T20C	Forward	limited coverage (excluded)
				T1G, T16G, C20T	Probe	
				G14T, G13G, G4T, A1-	Reverse	
Stutzerimonas decontaminans/3022791	2	2		A5G, G6T, A8G, C12T, T20C	Forward	limited coverage (excluded)
				T1A, C2G, G3C, C6G, G10-, C20T, +15C	Probe	
				G16T, G14T, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Allorhizobium ampelinum/3025782	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-	Forward	limited coverage (excluded)
				T1G, G10-, C20T, +15C	Probe	
				G16A, G14T, G10T, T5T, A1-	Reverse	
Devosia algicola/3026418	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, T13-, C14-	Forward	limited coverage (excluded)
				G3C, C6G, G10C, C11A, G15C, G19A, C20T, C24T	Probe	
				G14T, C9A, G7A, T5T	Reverse	
uncultured Actinomycetota bacterium/3039803	1	1		A5C, A8C, C11T	Forward	Not Detected
				T1C, C2G, G10T, A12G, G15C, C20T	Probe	
				G8T, C3-, G2-, A1-	Reverse	
Comamonas resistens/3046670	1	1		G1-, G2-, G3-, T4-, A5-, G6-, C7-, A8-, G9-, A10-, C11-, C12-, C17G, T20C	Forward	limited coverage (excluded)
				G10-, T16C, C18G, C21T, +21G	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
Devosia rhizosphaerae/3049774	1	1		A5C, G6T, C11T, C12T, C14T	Forward	Not Detected
				T1G, A12C, C24T	Probe	
				G16G, G14T, G8T, G4T, A1-	Reverse	
Desulfoferula mesophila/3058419	1	1		A5G, C11T, C12G, C14T, C17T, T20C	Forward	limited coverage (excluded)
				T1G, G3C, C6A, G10C, C11T, A12G, G15T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	

	Bifidobacterium fermentum/3059035	2	2	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, C21G, C24T	Probe	
				G7G, A1-	Reverse	
	Bifidobacterium aquikefiricola/3059038	1	1	forward_missing	Forward	limited coverage (excluded)
				T1-, C2-, G3-, A4-, C5-, C6-, T7-, G8-, G9-, G10-, C11-, A12-, G13-, G14-, C21G, C24T	Probe	
				G7G, A1-	Reverse	
	[Mycobacterium] holstebronense/3064288	1	1	A5G, A8C, C12A, C14G, T20C	Forward	Not Detected
				G10T, C20T	Probe	
				G14T, C9A, C3-, G2-, A1-	Reverse	
	Demequina capsici/3075620	1	1	A5C, A8G, C12T, T20C	Forward	Not Detected
				T1C, C2G, G3C, C6G, A12C, G15C	Probe	
				G14T, C9T, G8G, C3-, G2-, A1-	Reverse	
	Microbacterium limosum/3079935	1	1	A5C, G6A, A8C, C14G, C17A, A19T, T20C	Forward	limited coverage (excluded)
				T1C, G10A, A12C, G15C, T16G	Probe	
				G14T, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Candidatus Azotimanducaceae bacterium/3107047	2	1	A5C, C17G	Forward	Not Detected
				T1G, G3T, C6T, G10C, C11G, A12C, G15C, C18T, C20T, C24T	Probe	
				G16G, G14T, G10T, C9A, G7G, A1-	Reverse	
			1	A5G, A8C, C11T, C12A	Forward	limited coverage (excluded)
				T1C, G3A, G15C, G19A, C20T, C24T, G25C	Probe	
				reverse_missing	Reverse	
	Candidatus Marinacidobacterales bacterium/3107164	1	1	A5G, A8C, T20C	Forward	limited coverage (excluded)
				T1G, G3C, G10C, C11G, A12C, G15C, C20T	Probe	
				G14-, G13-, C12-, T11-, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Candidatus Poriferihabitaceae bacterium/3107218	2	1	A8G, C12A	Forward	limited coverage (excluded)
				T1G, G10A, C11G, A12T, C18T, C20T, C24T	Probe	
				G16G, G14T, G13A, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
			1	A5T, A8C, C12A, C17G, T18C	Forward	limited coverage (excluded)
				T1G, G10T, G13A, G15A, C20T	Probe	
				G14T, G10-, C9-, G8-, G7-, A6-, T5-, G4-, C3-, G2-, A1-	Reverse	
	Candidatus Rariloculaceae bacterium/3107225	1	1	A5C, A8C, C12A	Forward	limited coverage (excluded)
				T1C, A12G, G15C, G19-, C20-, C21-, T22-, A23-, C24-, G25-	Probe	
				reverse_missing	Reverse	
	Candidatus Spongiisociaceae bacterium/3107240	1	1	A5G, A8G, C11T, C12A, T20C	Forward	Not Detected
				T1G, T7C, A12G	Probe	
				G16G, G14T, G8T, C3-, G2-, A1-	Reverse	
	Gaopeijia maritima/3119007	1	1	A5C, G6T, A8G, C14G, T20C	Forward	Not Detected
				T1C, C2G, T7G, G9A, G10T, A12G, G13A, G15C	Probe	

				G16G, G14T, G8T, T5T, A1-	Reverse	
	Candidatus Sphingomonas colombiensis/3121369	1	1	G6T, A8G, C12T	Forward	Not Detected
				T1G, G15C, C20T	Probe	
				G14T, C9A	Reverse	
	bacterium M3-1/3231174	1	1	A5G, A8T, T20C	Forward	Not Detected
				T1A, C2G, T7A, G8A, G9A, G10A, C11G, A12T, G15T, C20T, C24T	Probe	
				G13A, G8T, T5-, G4-, C3-, G2-, A1-	Reverse	