

Assay Target	Species/Tax-ID Detected	# No. of Accessions	Accessions	Mutation	Oligo	Impact
			1114	No Mutations	NA	Detected
			16	C1-	Forward	Detected
			6	C1-, C2-	Forward	Detected
			1	T17C	Forward	Not Detected
			3	C8T	Forward	Detected
			1	A6C	Reverse	Detected
			1	T17A	Forward	Not Detected
			2	T11C	Reverse	Detected
			1	C1G	Probe	Detected
			2	G9T	Forward	Detected
			1	A18A	Reverse	Detected
			1	A13G	Forward	Detected
			1	C8G	Forward	Detected
			1	G19A	Probe	Detected
			2	A13C	Forward	Detected
			1	T5G	Reverse	Detected
			1	T2A	Probe	Detected
			2	A10C	Reverse	Detected
			1	G9C	Forward	Detected
			1	C3A	Forward	Detected
			3	T7A	Forward	Detected
			2	T7C	Forward	Detected
			1	T10G	Forward	Detected
			10	C1-, C2-, C3-	Forward	Detected
			5	+6A	Forward	Detected
			1	+18A	Probe	Detected
			1	+8T	Forward	Detected
			55	+1C	Probe	Detected
			5	C1-, C2-, C3-, A4-	Forward	Detected
			2	A4-, A3-, A2-, T1-	Reverse	Detected
			9	C8-	Forward	Detected
			2	C17A	Reverse	Detected
			8	T7A, C8T	Forward	Detected
			3	C1T	Probe	Detected
			4	G5A	Forward	Detected
			3	G9C, T10G	Forward	Not Detected
			1	A9G	Reverse	Detected
			2	G19T	Probe	Detected
			1	G23A	Probe	Detected
			6	C1-, C2-, C3-, A4-, G5-	Forward	Detected
			1	G3T, T17G	Probe	Detected
			1	C24T	Reverse	Not Detected
			1	A9C	Reverse	Detected
			1	G5A, T7A	Forward	Detected
			1	T5-, A4-, A3-, A2-, T1-	Reverse	Detected
			7	C1-, C2-, C3-, A4-, G5-, A6-	Forward	Detected

1	+8A	Reverse	Detected
1	A6-, T5-, A4-, A3-, A2-, T1-	Reverse	Detected
1	A18-, G19-	Probe	Detected
19	C1-, C2-, C3-, A4-, G5-, A6-, T7-	Forward	limited coverage (excluded)
1	C3A, G9-	Forward	Detected
1	C1-, C2-	Forward	
1	T17C	Probe	Detected
1	A4G, A6T, A13C	Forward	Not Detected
1	A6C	Probe	Detected
23	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Forward	limited coverage (excluded)
1	+10T	Reverse	Detected
1	G9-, +5G	Forward	Detected
1	C1-, C2-, C3-, A4-, G9-	Forward	Not Detected
1	A15T	Probe	Detected
22	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Forward	limited coverage (excluded)
1	T8-	Reverse	Detected
1	A15-	Probe	Detected
1	C1G, A6-	Probe	Detected
1	A10G	Probe	Detected
31	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
1	A21G	Probe	Detected
1	G9C, A19C, A20C	Forward	Not Detected
17	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	Forward	limited coverage (excluded)
1	+5R	Forward	Detected
1	G5A	Forward	
1	C1T, +2T	Probe	Detected
2	A6G	Probe	Detected
1	A4G, T12-	Forward	Detected
20	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	Forward	limited coverage (excluded)
1	A6-	Probe	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
1	C1T	Probe	
1	C1G, A6G	Probe	Detected
1	A6T, G19A	Probe	Detected
1	A18G, G24T	Probe	
1	A22G	Reverse	Not Detected
1	T17A	Forward	
1	A18C	Reverse	Not Detected
19	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage

			(excluded)
1	+8C	Forward	
	+17G	Reverse	Detected
1	G3A	Probe	Detected
8	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-A6T	Forward Probe	limited coverage (excluded)
2	T12-	Forward	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-A6G	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-A19C	Forward Reverse	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T17G	Forward	limited coverage (excluded)
5	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, C15G	Forward	limited coverage (excluded)
	C8T	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, T12- +19T	Forward Reverse	Not Detected
1	A18G, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11- +2T	Forward Probe	limited coverage (excluded)
1	G5A T7-, A6-, T5-, A4-, A3-, A2-, T1-	Forward Reverse	Detected
5	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-	Forward	limited coverage (excluded)
1	A4T, C8T, T10G, T17C C8A, T22C	Forward Probe	Not Detected
8	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13- C1T, G3T	Forward Probe	limited coverage (excluded)
1	T23G	Reverse	Not Detected
1	G5T T12A	Forward Probe	Detected
	A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7- +17A +19T	Forward Probe Reverse	limited coverage (excluded)

1285	forward_missing	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8- +19T	Forward Reverse	limited coverage (excluded)
1	C8-, A13C	Forward	Detected
2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-, A19-	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10- +15T	Forward Probe	limited coverage (excluded)
1	G12-, A6G	Reverse	Detected
1	C8-, +13G	Forward	
1	+2C, +6G	Probe	Further Analysis
	+17G	Reverse	
2	forward_missing A6C	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18- T12-	Forward Probe	limited coverage (excluded)
1	G16C, T17G, G18T	Forward	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18- G3C	Forward Probe	limited coverage (excluded)
1	G9C, T10G, T12C, T17C, +15C +10C	Forward Probe	Not Detected
	+8C	Forward	
1	A6C, +3GC, +17T	Probe	Not Detected
	+10T	Reverse	
1	C1-, C2-, C3-, C8T	Forward	Not Detected
1	C1-, T2-	Probe	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15- A6-	Forward Probe	limited coverage (excluded)
1	C8-	Probe	Detected
1	T12-	Probe	Detected
1	A6G, C7G	Probe	Detected
3	forward_missing C1T	Forward Probe	limited coverage (excluded)
1	A13T A6C	Forward Probe	Detected
8	forward_missing A6G	Forward Probe	limited coverage (excluded)
1	C1-, C2-, A13G C1T, G9-	Forward Probe	Not Detected
1	C1-, C2-, C3- T5-, A4-, A3-, A2-, T1-	Forward Reverse	Detected
1	G5-, C14G, C15G	Forward	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, A20C	Forward	limited

+			coverage (excluded)
2	T10A, T12A, C14A, C15A	Forward	Further Analysis
4	+17G	Reverse	Detected
1	C17-, C16-	Reverse	Detected
1	C8A	Forward	Detected
1	+22T	Reverse	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	Forward	limited coverage (excluded)
	A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, T7C	Forward	Detected
1	T7-, C8-	Forward	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, A20C	Forward	limited coverage (excluded)
	C17-, C16-	Reverse	
7	reverse_missing	Reverse	limited coverage (excluded)
3	forward_missing	Forward	limited coverage (excluded)
	C4G	Probe	
1	C1-, C2-, G5T	Forward	
	G19A	Probe	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
	+19A	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
	T1-	Reverse	
1	+23A	Reverse	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, A20T	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, T11C	Forward	
	A2-, T1-	Reverse	Not Detected
2	forward_missing	Forward	limited coverage (excluded)
	C7G	Probe	
1	A6-	Probe	
	A6A, +17G	Reverse	Detected
1	forward_missing	Forward	limited coverage (excluded)
	A18-, C17-, C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A2-, T1-	Reverse	
41	forward_missing	Forward	limited coverage (excluded)
	+1C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	G3-	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage
	C14T. C13A	Reverse	

				(excluded)
1	forward_missing A18G	Forward Reverse	limited coverage (excluded)	
26	forward_missing A6-	Forward Probe	limited coverage (excluded)	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14- G19A, T22A	Forward Probe	limited coverage (excluded)	
1	A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)	
1	forward_missing A3-, A2-, T1-	Forward Reverse	limited coverage (excluded)	
1	forward_missing T12A	Forward Probe	limited coverage (excluded)	
2	C1- +1C	Forward Probe	Detected	
1	C1- A19A, A4G	Forward Reverse	Detected	
2	forward_missing +1T	Forward Probe	limited coverage (excluded)	
1	forward_missing +5C	Forward Probe	limited coverage (excluded)	
6	forward_missing C1-	Forward Probe	limited coverage (excluded)	
2	A6-, T22- A19-, A18-	Probe Reverse	Detected	
12	forward_missing reverse_missing	Forward Reverse	limited coverage (excluded)	
2	forward_missing T1-	Forward Reverse	limited coverage (excluded)	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15- C17-, C16-, C15-	Forward Reverse	limited coverage (excluded)	
1	forward_missing T23C	Forward Reverse	limited coverage (excluded)	
5	forward_missing +2T	Forward Probe	limited coverage (excluded)	
1	forward_missing +14N	Forward Probe	limited coverage (excluded)	
1	forward_missing G3T, +3GA	Forward Probe	limited coverage (excluded)	
1	C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)	
1	forward_missing +9C	Forward Probe	limited coverage (excluded)	

1	A11-	Probe	Detected
1	forward_missing	Forward	limited coverage (excluded)
	C1T, C7G	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A20C	Forward	limited coverage (excluded)
	C25C	Reverse	
1	T12-	Forward	Detected
	+1C	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	+7A	Probe	
1	+1C	Probe	Detected
	T5-, A4-, A3-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	+2C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A4C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A10C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	+2A	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	G19C	Probe	
6	forward_missing	Forward	limited coverage (excluded)
	+11A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+9G	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	A13C	Probe	
3	forward_missing	Forward	limited coverage (excluded)
	G3T, C4T	Probe	
1	T7A, C8T, G9C, +15T, +18T	Forward	
	+2T, +15A	Probe	Not Detected
	C20T, +12T	Reverse	
5	forward_missing	Forward	limited coverage (excluded)
	C5-	Probe	
5	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Forward	limited coverage (excluded)
	+1C	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A19G	Forward	limited coverage (excluded)
	A19G, C17C, C16A	Reverse	
1	C1-	Forward	
	C1T	Probe	Detected
	T11C, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	T22A	Probe	

7	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9- +1C	Forward Probe	limited coverage (excluded)
1	forward_missing T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Forward Reverse	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7- +1C	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5- A6-, T5-, A4-, A3-, A2-, T1-	Forward Reverse	Detected
1	forward_missing G24C	Forward Probe	limited coverage (excluded)
1	G5A T1-	Forward Reverse	Detected
1	forward_missing A19C, C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Forward Reverse	limited coverage (excluded)
1	forward_missing A13T	Forward Probe	limited coverage (excluded)
7	forward_missing C8-	Forward Probe	limited coverage (excluded)
1	T10G, +8C	Forward	Detected
1	forward_missing A4-, A3-, A2-, T1-	Forward Reverse	limited coverage (excluded)
1	T16- A10-	Probe Reverse	Detected
1	forward_missing T2G, C4T, +4T	Forward Probe	limited coverage (excluded)
1	forward_missing C8-, +2T	Forward Probe	limited coverage (excluded)
3	forward_missing +22C	Forward Probe	limited coverage (excluded)
1	T12- +1C	Forward Probe	Detected
	T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	forward_missing A6- A22A	Forward Probe Reverse	limited coverage (excluded)
1	T10A, C15T, A20G, +6G C4G, A6T A19C, A10C	Forward Probe Reverse	
3	forward_missing A6-, A13-	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13- +1C	Forward Probe	limited coverage (excluded)
1	forward_missing +18C	Forward Probe	limited coverage

		+18C	Probe	(excluded)
2		forward_missing +16A	Forward Probe	limited coverage (excluded)
1		forward_missing C4A, C8-, +1CT	Forward Probe	limited coverage (excluded)
1		forward_missing T7-, A6-, T5-, A4-, A3-, A2-, T1-	Forward Reverse	limited coverage (excluded)
1		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
		C17-, C16-, C15-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
1		forward_missing C4T, +2TG	Forward Probe	limited coverage (excluded)
1		forward_missing A10G	Forward Probe	limited coverage (excluded)
2		forward_missing C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Forward Reverse	limited coverage (excluded)
1		forward_missing C7A	Forward Probe	limited coverage (excluded)
1		forward_missing +10G	Forward Probe	limited coverage (excluded)
1		forward_missing T12G, +22C	Forward Probe	limited coverage (excluded)
1		forward_missing G19C, A21C	Forward Probe	limited coverage (excluded)
2		forward_missing A6-, C7-	Forward Probe	limited coverage (excluded)
1		forward_missing C4A, C8-, +2T	Forward Probe	limited coverage (excluded)
1		T12G, C15A, G16A, T17A T17G, T22A A18C	Forward Probe Reverse	Not Detected
2		forward_missing T2G	Forward Probe	limited coverage (excluded)
1		G5T, G18A A6C, G9A, C14T, A15T, G19A, C20T, A21G C20T, G12T	Forward Probe Reverse	Not Detected
1		forward_missing G19T	Forward Probe	limited coverage (excluded)
3		forward_missing +17T	Forward Probe	limited coverage (excluded)
19		forward_missing C1-, T2-	Forward Probe	limited coverage (excluded)
1		forward_missing G3T, +4NT	Forward Probe	limited coverage (excluded)

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1	forward_missing A11C, T12C	Forward Probe	limited coverage (excluded)
1	C1T, A6C, A13C	Probe	Not Detected
1	A13C, G19C	Probe	Further Analysis
1	C13C	Reverse	
1	forward_missing C20-	Forward Probe	limited coverage (excluded)
1	forward_missing A6C, +11A	Forward Probe	limited coverage (excluded)
1	forward_missing C8-, +23C	Forward Probe	limited coverage (excluded)
4	forward_missing C1A	Forward Probe	limited coverage (excluded)
1	forward_missing +18A	Forward Probe	limited coverage (excluded)
1	forward_missing +7G	Forward Probe	limited coverage (excluded)
4	forward_missing C1-, T2-, G3-	Forward Probe	limited coverage (excluded)
1	forward_missing C4T, A21-	Forward Probe	limited coverage (excluded)
1	forward_missing C16C, C15C	Forward Reverse	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, A19C, A20C A18-, C17-, C16-, A10C, A3G	Forward Reverse	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13- T2A	Forward Probe	limited coverage (excluded)
1	forward_missing A15G, G19T, +19A	Forward Probe	limited coverage (excluded)
1	forward_missing A10G, +7A	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, G18-, A19-, A20- T2G A6T, C8T, G18A	Forward Probe Forward	limited coverage (excluded)
1	G3C, A10C, T16C A19G, A18G	Probe Reverse	Not Detected
1	C1-, C2-, C3-, A4-, G5-, +13T, +19TT +3G, +19T A2-, T1-	Forward Probe Reverse	Further Analysis
1	forward_missing C1-, A6G	Forward Probe	limited coverage (excluded)
1	forward_missing T17A, A18T, G19A, +7G	Forward Probe	limited coverage

				(excluded)
2	forward_missing C1-, T2-, G3-, C4-, C5-	Forward Probe	limited coverage (excluded)	
1	forward_missing C1G, C5A, A6G A19A	Forward Probe Reverse	limited coverage (excluded)	
1	forward_missing C1-, T2-, G3-, G9T	Forward Probe	limited coverage (excluded)	
1	forward_missing T2C	Forward Probe	limited coverage (excluded)	
2	forward_missing C1-, T2-, G3-, C4-	Forward Probe	limited coverage (excluded)	
36	forward_missing C1-, T2-, G3-, C4-, C5-, A6-	Forward Probe	limited coverage (excluded)	
1	forward_missing A6-, A10G	Forward Probe	limited coverage (excluded)	
1	forward_missing C5G, C7A, T12-	Forward Probe	limited coverage (excluded)	
1	forward_missing C4T, A10G, +22C	Forward Probe	limited coverage (excluded)	
1	forward_missing G3T, C8A, +8A	Forward Probe	limited coverage (excluded)	
2	forward_missing C5G, C8-	Forward Probe	limited coverage (excluded)	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10- reverse_missing	Forward Reverse	limited coverage (excluded)	
22	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-	Forward Probe	limited coverage (excluded)	
1	forward_missing C4G, A6C, +11A	Forward Probe	limited coverage (excluded)	
1	forward_missing +13A	Forward Probe	limited coverage (excluded)	
1	forward_missing C1-, A6-	Forward Probe	limited coverage (excluded)	
1	forward_missing A15G, C20A	Forward Probe	limited coverage (excluded)	
1	forward_missing C5T	Forward Probe	limited coverage (excluded)	
16	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-	Forward Probe	limited coverage (excluded)	
1	forward_missing A21-	Forward Probe	limited coverage (excluded)	
	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-,	Forward	limited	

1	T11-, T12-, A13-, C14- C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
1	forward_missing C1-, T2-, C7A, G9A	Forward Probe	limited coverage (excluded)
1	forward_missing T2C, A6G, C7A, C8A, G9A, A18C	Forward Probe	limited coverage (excluded)
1	forward_missing C4G, A6C	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C20G	Forward Probe	limited coverage (excluded)
7	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-	Forward Probe	limited coverage (excluded)
1	forward_missing C4T, C5T, +7A	Forward Probe	limited coverage (excluded)
1	C1-, T2-, A6-, T17-, T22-A19-	Probe Reverse	Not Detected
1	C8G, A13C, T22G C24A	Probe Reverse	Not Detected
1	G5T, G9T A6C, G9A, C14T, A15T, G19A, C20T, A21G C24T, C20T, G12T, T11T	Forward Probe Reverse	Not Detected
1	C1-, G5C, C8G, A13T	Forward	Not Detected
1	forward_missing C5G, C7A, T12-, +7A	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A13T, T17C	Forward	limited coverage (excluded)
1	forward_missing A15G, C20A, +2C	Forward Probe	limited coverage (excluded)
1	forward_missing C1G, A6-, C8G, G9A	Forward Probe	limited coverage (excluded)
1	forward_missing C5T, A6-, C7-	Forward Probe	limited coverage (excluded)
7	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	Forward Probe	limited coverage (excluded)
1	C1-, G3C, T16-, T17-A19-	Probe Reverse	Not Detected
1	forward_missing C1-, T2-, G3-, C4-, C8A	Forward Probe	limited coverage (excluded)
1	forward_missing C7G, A11G C15C	Forward Probe Reverse	limited coverage (excluded)
1	forward_missing C24A, T7C	Forward Reverse	limited coverage (excluded)
	forward_missing	Forward	limited

1	G3T, C5-A10-forward_missing	Probe Reverse	coverage (excluded)
1	+9T T11T	Probe Reverse	limited coverage (excluded)
1	forward_missing C4T	Forward Probe	limited coverage (excluded)
1	forward_missing G3T, C4A, C7-, C8-	Forward Probe	limited coverage (excluded)
12	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, A21T, T22A	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, G9A, G19T	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, G19C, C20G	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, A11-	Forward Probe	limited coverage (excluded)
1	forward_missing +12T	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-A3G	Forward Probe Reverse	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, +19G	Forward Probe	limited coverage (excluded)
29	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, +17T	Forward Probe	limited coverage (excluded)
1	forward_missing G3T, C4A, C8-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, +22C	Forward Probe	limited coverage (excluded)
1	forward_missing C4T, A6-, A10G, T12G, A21C, T22C	Forward Probe	limited coverage (excluded)
1	forward_missing +12T, +17T	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, +17TT	Forward Probe	limited coverage (excluded)

1	forward_missing A6- T8C, T7C	Forward Probe Reverse	limited coverage (excluded)
4	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-	Forward Probe	limited coverage (excluded)
1	forward_missing A15T, G19C, +3G G12G	Forward Probe Reverse	limited coverage (excluded)
10	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16A	Forward Probe	limited coverage (excluded)
11	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-	Forward Probe	limited coverage (excluded)
1	C25C, A22A, C17A, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
1	forward_missing G9T	Forward Probe	limited coverage (excluded)
1	forward_missing A15C	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, A15-, G19T, C20G	Forward Probe	limited coverage (excluded)
5	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-	Forward Probe	limited coverage (excluded)
1	forward_missing C1T, G3T, C4A A2-, T1-, +12A, +9A	Forward Probe Reverse	limited coverage (excluded)
3	+1C reverse_missing	Probe Reverse	limited coverage (excluded)
1	forward_missing A6T, +19G	Forward Probe	limited coverage (excluded)
1	forward_missing A6G, A10G, +18T	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, A6C, T12-	Forward Probe	limited coverage (excluded)
4	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-	Forward Probe	limited coverage (excluded)
2	forward_missing C5A, A6-, C7- A19-	Forward Probe Reverse	limited coverage (excluded)
1	forward_missing C1T, T2G	Forward Probe	limited coverage

		C11, T2C	Probe	(excluded)
1		C8G, A13C	Probe	Further Analysis
		A18G	Reverse	
		forward_missing	Forward	
6		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-	Probe	limited coverage (excluded)
1		G3C, A6C, A13C, G19C	Probe	
		C24A, A22A, A18G, C13C	Reverse	Not Detected
		forward_missing	Forward	
1		C24-, T23-, A22-, T21-, C20-, A19-, A18-, C17-, C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Probe	limited coverage (excluded)
		T1-	Reverse	
		forward_missing	Forward	
2		C1T, C8-	Probe	limited coverage (excluded)
		A19-	Reverse	
		forward_missing	Forward	
1		A13T, +1C	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		A6-, A15-	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		C1G, C5A, A6G	Probe	limited coverage (excluded)
		forward_missing	Forward	
3		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, G9A, A15-, G19T, A21-	Probe	limited coverage (excluded)
		G5T, G9T	Forward	
1		A6C, G9A, C14T, A15T, G19A, C20T, A21G, G24A	Probe	Not Detected
		C24T, A19G, G12T, T11T, T1-	Reverse	
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Probe	limited coverage (excluded)
		C15C	Reverse	
		forward_missing	Forward	
1		G3T, C4G, +4AA, +16A	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, T22C	Probe	limited coverage (excluded)
		A19-	Reverse	
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Probe	limited coverage (excluded)
		C15A	Reverse	
		forward_missing	Forward	
1		C19A, +1C	Probe	limited coverage

		G19A, T1C	Probe	(excluded)
		forward_missing	Forward	
3		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		C5T, A6T, C7T, C8A	Probe	limited coverage (excluded)
		A10-, A2-, T1-	Reverse	
		forward_missing	Forward	
10		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	Probe	limited coverage (excluded)
		G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-, G23-	Probe	limited coverage (excluded)
		T17-	Forward	
1		G3C, A6-, C7-, A13G, T22G, G24-	Probe	Not Detected
		A19-	Reverse	
		forward_missing	Forward	
1		T2C, A6C, A11-, A21C, T22C, +19Y	Probe	limited coverage (excluded)
		G5C, C8A, G9T	Forward	
1		A6C, G19T, G24T	Probe	Not Detected
		forward_missing	Forward	
85		probe_missing	Probe	limited coverage (excluded)
		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-	Forward	limited coverage (excluded)
1		C1T, T2C, G3T, A6T, C7T, A13C, A15T	Probe	
		forward_missing	Forward	
1		C1-, T2-, +17TT	Probe	limited coverage (excluded)
		T5T	Reverse	
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, T22C	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	limited coverage (excluded)
		A3G	Reverse	
		forward_missing	Forward	
1		G3T, +3NT	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		G19A	Probe	limited coverage (excluded)
		forward_missing	Forward	
1		C1-, T2-, C14G, A15-	Probe	limited coverage (excluded)
		A19-, A18-, C17-, C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	

1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, +12T, +17TT	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	A6-, A11-, A15-, A21T, T22G	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	T5T	Reverse	(excluded)
1	A2-, T1-	Reverse	Detected
1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, G24C	Probe	(excluded)
1	C1T, T2C, A6G, C7T, C8T, A15G, T17C	Probe	Not Detected
	A9C, T8G	Reverse	
1	forward_missing	Forward	limited coverage
	A6-, +1C	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	T2C, G3T, C4G, A6G, A11G	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	G3T, C4T, C5A, A6C, C7A, +19G	Probe	(excluded)
1	T1-	Reverse	limited coverage (excluded)
	forward_missing	Forward	
1	T2G, C4G, A6G, C7A	Probe	
	forward_missing	Forward	limited coverage
1	+1C	Probe	(excluded)
	reverse_missing	Reverse	(excluded)
1	forward_missing	Forward	limited coverage
	A6G, C7A, A15C, +3G	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	A15-, G19A	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A21C, T22C	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, +17T	Probe	(excluded)
1	+17C	Reverse	limited coverage (excluded)
	forward_missing	Forward	
1	C1-, T2-, G3-, C4-, C5-, A6-, C7-, T12-, C20A	Probe	
	forward_missing	Forward	limited coverage
1	C1-, T2-, C8-, A13-, T17-	Probe	(excluded)
	A19-, A10-	Reverse	(excluded)
1	forward_missing	Forward	limited coverage
	A6G, C7A, +1G	Probe	(excluded)
1	forward_missing	Forward	limited coverage
	C8T	Probe	(excluded)
1	T8G	Reverse	limited coverage (excluded)
	forward_missing	Forward	
1	C1-, A6G, C7A	Probe	limited coverage (excluded)

1	forward_missing C4G, T12-, A15T, G19C, C20A, A21T T21G, A19A, G12G	Forward Probe Reverse	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, G19T, A21C, T22C G5T, G9T, T17A	Forward Probe Forward	limited coverage (excluded)
1	A6C, G9A, C14T, A15T, G19A, C20T, A21G C24T, C20T, A19G, T11T	Probe Reverse	Not Detected
1	forward_missing A15C, G19C, +9C, +20C	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, A15C, T17C, T22A, +11R	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-	Forward Probe	limited coverage (excluded)
1	forward_missing T2C, T16C, +9C, +16C	Forward Probe	limited coverage (excluded)
1	forward_missing +1T	Forward Probe	limited coverage (excluded)
	reverse_missing	Reverse	
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-	Forward Probe	limited coverage (excluded)
	G12G	Reverse	
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7- +20C, +14C	Forward Probe Reverse	limited coverage (excluded)
1	forward_missing C5T, A6T, C8A, G9A +19TA, +13T	Forward Probe Reverse	limited coverage (excluded)
1	forward_missing T2G, A6T, A11T, A21C	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, C8A, T17C A6C, A18T, G19T, G24T A19A, T8T	Forward Probe Reverse	Not Detected
1	forward_missing A15-, G19A T7T	Forward Probe Reverse	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, A15-	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, C15T C1G, A10G, T16G, T17A	Forward Probe	limited coverage (excluded)
	reverse_missing	Reverse	
1	forward_missing T23-, A22-, T21-, C20-, A19-, A18-, C17-, C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-,	Forward Reverse	limited coverage

		A6-, T5-, A4-, A3-, A2-, T1-		(excluded)
		forward_missing	Forward	
1		C8-, +2T	Probe	limited coverage (excluded)
		reverse_missing	Reverse	
		forward_missing	Forward	
1		C1-, C5G	Probe	limited coverage (excluded)
		C24A, T11T	Reverse	
		forward_missing	Forward	
1		C4G, C8-, T12G, T17G	Probe	limited coverage (excluded)
		A22-, A19-, A18G	Reverse	
		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	Forward	
1		C1T, T2C, A6G, C7T, C8T, A15G, T17C	Probe	limited coverage (excluded)
		A9C, T8G	Reverse	
		forward_missing	Forward	
1		A6C, A15C, +1C	Probe	limited coverage (excluded)
		T1-	Reverse	
		forward_missing	Forward	
1		T12A, G19C, A21T, T22G, +3G	Probe	limited coverage (excluded)
		T21G, G12G, T11G, T5T	Reverse	
		forward_missing	Forward	
1		C1T, C8-, T22C	Probe	limited coverage (excluded)
		A19-	Reverse	
		forward_missing	Forward	
1		+2AT	Probe	limited coverage (excluded)
		reverse_missing	Reverse	
		forward_missing	Forward	
1		G3A	Probe	limited coverage (excluded)
		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	Forward	
1		C8G, A13C, G19C, T22G	Probe	limited coverage (excluded)
		C24A, A22A, A18G, C13C	Reverse	
47		No Mutations	NA	Detected
1		C1-, C2-	Forward	Detected
1		G5A	Forward	Detected
1		C1T	Probe	Detected
2		+6A	Forward	Detected
1		T7A, C8T	Forward	Detected
		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Forward	limited coverage (excluded)
		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Forward	limited coverage (excluded)
1		C1-, C2-, C3-, A4-, G5-	Forward	Detected
1		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
7		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	Forward	limited coverage (excluded)
		C1T	Probe	

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1	C1- A10C	Reverse	Detected
3	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
1	A13-	Probe	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	Forward	limited coverage (excluded)
2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	Forward	limited coverage (excluded)
3	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, A19G	Forward	limited coverage (excluded)
59	forward_missing	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	Forward	limited coverage (excluded)
1	+17G	Reverse	Detected
1	C1-, C2-, C3- A13C	Forward Probe	Detected
2	forward_missing C1T	Forward Probe	limited coverage (excluded)
1	forward_missing +11A	Forward Probe	limited coverage (excluded)
1	forward_missing +9C	Forward Probe	limited coverage (excluded)
1	forward_missing A21-	Forward Probe	limited coverage (excluded)
2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11- C1T, A6C, A11T, A15T, G19C, +2TAAAAC G18A	Forward Probe Forward	limited coverage (excluded)
1	G3C, A6C, C14T T21G, A19G, A18G, T8T, T1-	Probe Reverse	Not Detected
1	forward_missing C8A, +8A	Forward Probe	limited coverage (excluded)
2	forward_missing C1-, T2-	Forward Probe	limited coverage (excluded)
1	forward_missing T2G, A6-, A15-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, +21A	Forward Probe	limited coverage (excluded)
.	forward_missing	Forward	limited

6	C1-, T2-, G3-, C4-, C5-, A6-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, C7-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	C8-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-, A6C, A11T, A15T, G19C	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, +17N	Probe	coverage (excluded)
2	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	A6-, C7-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-	Probe	coverage (excluded)
	C17-	Reverse	
7	forward_missing	Forward	limited coverage
	probe_missing	Probe	coverage (excluded)
26	No Mutations	NA	Detected
1	C1-, T7A	Forward	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Forward	limited coverage (excluded)
1	G9C, T10G, +13AC	Forward	Further Analysis
1	T11A, T12A	Forward	Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
28	forward_missing	Forward	limited coverage (excluded)
1	forward_missing	Forward	limited coverage
	+2A	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	T2G	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	T2G, A6-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	C1-, T2-	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage
	G9C	Probe	(excluded)

Vermamoeba vermiformis/5778	3	2	forward_missing C1-, T2-, G3-, C4-, C5-, A6-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-	Forward Probe	limited coverage (excluded)
		1	forward_missing +17CN A18C	Forward Probe Reverse	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	Forward Probe	limited coverage (excluded)
		2	forward_missing +3G, +17T	Forward Probe	limited coverage (excluded)
		1	C1-, C2-, C3-, A4-, G5- +1C	Forward Probe	Detected
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-	Forward Probe	limited coverage (excluded)
		6	No Mutations	NA	Detected
Acanthamoeba palestinensis/28015	27	2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
		1	forward_missing C1-, T2-	Forward Probe	limited coverage (excluded)
		12	forward_missing	Forward	limited coverage (excluded)
		1	forward_missing +2A	Forward Probe	limited coverage (excluded)
		1	forward_missing T11T	Forward Reverse	limited coverage (excluded)
		1	forward_missing T2G, A6-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-	Forward Probe	limited coverage (excluded)
		1	forward_missing +17T +17C	Forward Probe Reverse	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-	Forward Probe	limited coverage (excluded)
		1	A6C, T7A, C15T, G16T	Forward	

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[1](#)

[1](#)

C1T, A6T, C7-, C8-, C14T, A15C
T7G

Probe
Reverse

Not Detected

[6](#)

No Mutations

NA

Detected

[2](#)

C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-

Forward

limited coverage (excluded)

[2](#)

C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-

Forward

limited coverage (excluded)

[1](#)

+17G

Reverse

Detected

[1](#)

C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-

Forward

limited coverage (excluded)

[1](#)

C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T17G

Forward

limited coverage (excluded)

Acanthamoeba griffini/29195

[25](#)

[1](#)

C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-

Forward

limited coverage (excluded)

[1](#)

C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-

Forward

limited coverage (excluded)

[8](#)

forward_missing

Forward

limited coverage (excluded)

[1](#)

forward_missing
C8A
C17-, A2-, T1-

Forward
Probe
Reverse

limited coverage (excluded)

[1](#)

forward_missing
C5A, A6G, A15-

Forward
Probe

limited coverage (excluded)

[3](#)

No Mutations

NA

Detected

[39](#)

+1C

Probe

Detected

[1](#)

+18C

Probe

Detected

[1](#)

C8T

Forward

Detected

[1](#)

+1C

Probe

Detected

[1](#)

+1C, +5N

Probe

Detected

[1](#)

C8-

Forward

Detected

[1](#)

+1C

Probe

Detected

[1](#)

T7G, C8T

Forward

Detected

[1](#)

+1C

Probe

Detected

[1](#)

T12A, A13T

Forward

Detected

[1](#)

+1C

Probe

Detected

[1](#)

A6C, +1C

Probe

Detected

[1](#)

G19A, +1C

Probe

Detected

[1](#)

C1-, C2-, C3-, A4-, G5-, A6-

Forward

Detected

+1C

Probe

Detected

C1-, +7T

Forward

Detected

A6C, +1C

Probe

Detected

[1](#)

C1-, C2-, C3-, A4-, G5-, A6-, T7-

Forward

limited coverage (excluded)

+1C

Probe

limited coverage (excluded)

C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-

Forward

+1C

Probe

C1-. C2-. C3-. A4-. G5-. A6-

Forward

Acanthamoeba lenticulata/29196

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1	A6C, +1C	Probe	Detected
1	G5A, T7A, T12- +1C	Forward Probe	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	Forward	limited coverage (excluded)
2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10- +1C	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3- A13T, +1C	Forward Probe	Not Detected
6	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11- +1C	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12- +1C	Forward Probe	limited coverage (excluded)
2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13- +1C	Forward Probe	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T12A A13T, +1C	Forward Probe	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14- +1C	Forward Probe	limited coverage (excluded)
11	forward_missing +1C	Forward Probe	limited coverage (excluded)
9	forward_missing	Forward	limited coverage (excluded)
1	forward_missing C5G, +1C	Forward Probe	limited coverage (excluded)
3	forward_missing C1- A6T, C8T, T12A, A13G, T17G	Forward Probe	limited coverage (excluded)
1	A13T, G19T C17C	Forward Reverse	Not Detected
1	forward_missing C1-, T2-	Forward Probe	limited coverage (excluded)
1	forward_missing +9T	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-	Forward Probe	limited coverage (excluded)
1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	Forward Probe	limited coverage (excluded)
3	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-	Forward Probe	limited coverage (excluded)

		1	forward_missing T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Forward Reverse	limited coverage (excluded)
			forward_missing C1-, T2-, G3-, C4-, C5-, A6-	Forward Probe	limited coverage (excluded)
			forward_missing T2C	Forward Probe	limited coverage (excluded)
			forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-	Forward Probe	limited coverage (excluded)
			forward_missing C4G, A6G, C8A	Forward Probe	limited coverage (excluded)
			forward_missing T2C, C4G, +6G	Forward Probe	limited coverage (excluded)
			forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-	Forward Probe	limited coverage (excluded)
			forward_missing C16T	Forward Reverse	limited coverage (excluded)
Acanthamoeba rhysodes/32599	5	3	No Mutations	NA	Detected
		1	C1-, C2-, C3-, A4-	Forward	Detected
		1	forward_missing	Forward	limited coverage (excluded)
Acanthamoeba royreba/32600	2	2	No Mutations	NA	Detected
		11	No Mutations	NA	Detected
		1	C1-, C2-, C3-, C8T	Forward	Not Detected
		1	C1T, G3T, A6C	Probe	Not Detected
		1	+16T	Reverse	
		1	C1T, G3T, A6C, G19C, A21C	Probe	Not Detected
		30	forward_missing	Forward	limited coverage (excluded)
		3	forward_missing +11A	Forward Probe	limited coverage (excluded)
Acanthamoeba culbertsoni/43142	54	1	forward_missing +16A	Forward Probe	limited coverage (excluded)
		1	forward_missing A18G	Forward Reverse	limited coverage (excluded)
		1	forward_missing A15-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-,	Forward Probe	limited coverage

				A11-, T12-, A13-	Probe	(excluded)
				forward_missing	Forward	
			1	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	limited coverage (excluded)
			4	No Mutations	NA	Detected
Acanthamoeba lugdunensis/61605	7		3	forward_missing	Forward	limited coverage (excluded)
Allomyces arbusculus/64504	1		1	A6C, T7A, C15T, G16T	Forward	
				C1T, A6T, C7-, C8-, C14T, A15C	Probe	Not Detected
				T7G	Reverse	
Allomyces moniliformis/64506	2		2	A6C, T7A, C15T, G16T	Forward	
				C1T, A6T, C7-, C8-, C14T, A15C	Probe	Not Detected
				T7G	Reverse	
Allomyces neomoniliformis/64507	1		1	A6C, T7A, C15T, G16T	Forward	
				C1T, A6T, C7-, C8-, C14T, A15C	Probe	Not Detected
				T7G	Reverse	
			3	No Mutations	NA	Detected
			1	reverse_missing	Reverse	limited coverage (excluded)
			6	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
				reverse_missing	Reverse	
Acanthamoeba astronyxis/65658			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-	Probe	
			1	C25A	Reverse	Not Detected
Acanthamoeba comandoni/65659	2		1	C8T, C15T	Forward	
				C8T	Probe	limited coverage (excluded)
				reverse_missing	Reverse	
			14	No Mutations	NA	Detected
			1	C4T	Probe	Detected
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
				A18C	Reverse	
			19	forward_missing	Forward	limited coverage (excluded)
Acanthamoeba hatchetti/65660	39		1	forward_missing	Forward	limited coverage (excluded)
				T11G	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				A6G, +15G	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T16C, A18T, +9T, +18CAC	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
			2	No Mutations	NA	Detected
			1	A6C	Probe	Detected
			1	C8A, G9C	Forward	Not Detected

Acanthamoeba healyi/65661	7	2	A6C, A15C	Probe	
			forward_missing	Forward	limited coverage (excluded)
			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-	Probe	limited coverage (excluded)
Acanthamoeba pearcei/65662	2	1	No Mutations	NA	Detected
		1	forward_missing	Forward	limited coverage (excluded)
Acanthamoeba pustulosa/65663	1	1	No Mutations	NA	Detected
Acanthamoeba stevensoni/65664	2	2	No Mutations	NA	Detected
		1	forward_missing	Forward	limited coverage (excluded)
		1	reverse_missing	Reverse	limited coverage (excluded)
Sympagella nux/76350	1	1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, C15T, G16T	Forward	limited coverage (excluded)
			C1T, T2G, C5T, A6T, C7-, C8-	Probe	
			A22C, T8C, T7G	Reverse	
		5	No Mutations	NA	Detected
		1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, G16T, A20G	Forward	limited coverage (excluded)
		3	C7T	Probe	Detected
			G9A, C15T	Forward	
		1	C7T, G9A	Probe	Further Analysis
			G9T	Forward	
		1	T2A, C8T	Probe	Further Analysis
			C1-, C2-, G16T	Forward	
		79	G3T, C4-, C5-, A6-, C7-, C8-	Probe	Not Detected
			T8C	Reverse	
		1	T1-	Reverse	Detected
			C1-, C2-, G16T	Forward	
		22	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
			T8C	Reverse	
			C1-, G16T	Forward	
		5	G3T, C4-, C5-, A6-, C7-, C8-	Probe	Not Detected
			T8C	Reverse	
			C1-, G5C, G16T	Forward	
		1	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
			T7G	Reverse	
			C1-, C2-, G16T	Forward	
		1	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
			T7G, A4C	Reverse	
			C1-, C2-, G16T	Forward	
		1	G3T, C4-, C5-, A6-, C7-, C8-	Probe	Not Detected
			T8C, T1-	Reverse	
			C1-, C2-, G16T	Forward	
		1	C1T, A6T, C7-, C8-, C14T	Probe	Not Detected

26	T8C	Reverse	
	C1-, G5C, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
1	T8C, T1-	Reverse	
	C1-, C2-, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, A15G	Probe	Not Detected
1	T8C	Reverse	
	C1-, C2-, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, C14T, A18G	Probe	Not Detected
1	T8C	Reverse	
	C1-, C2-, C3-, A4-, G5-, A6-, C15T, G16T, A20G	Forward	
	T2A, C8T	Probe	Not Detected
69	A22C, T7G	Reverse	
	C1-, C2-, G5C, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
1	T8C, T1-	Reverse	
	C1-, C2-, G16T	Forward	
	G3-, C4-, C5-, A6-, C7-, C8T	Probe	Not Detected
1	T8C, +17G	Reverse	
	C1-, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
3	T8C	Reverse	
	C1-, C2-, G5C, G16T	Forward	
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, C14T	Probe	limited coverage (excluded)
1	T8C, T1-	Reverse	
	C1-, A6G, G9-, C15T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
14	T8C	Reverse	
	C1-, C2-, C3-, A4-, G5-, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
1	T8C, T1-	Reverse	
	C1-, C2-, G5C, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
1	T8C	Reverse	
	C1-, C2-, G16T, G18A, A19G	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-	Probe	Not Detected
1	T8C	Reverse	
	C1-, G5C, G16T	Forward	
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
1	T8C, T1-	Reverse	
	C1-, C2-, G16T	Forward	
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
1	T8C, T7G	Reverse	
	C1-, C2-, G5A, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-, G19C	Probe	Not Detected
1	T8C	Reverse	
	C1-, C2-, G9A, G16T	Forward	
	G3T, C4-, C5-, A6-, C7-, C8-	Probe	Not Detected
	T8C, T5G	Reverse	

1	C1-, C2-, C8A, G9T, G16T, A20G	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8C	Reverse	
1	C1-, C2-, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	T8C, +17G	Reverse	
1	C1-, C2-, C3-, C15T, G16T	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8C	Reverse	
2	C1-, C2-, G16T	Forward	limited coverage (excluded)
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, G16T	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8C, +11G	Reverse	
1	C1-, C2-, T11C, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T	Probe	
	T8C, +17G	Reverse	
1	C1-, C2-, C3-, A4-, G5-, C15T	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8C, T1-	Reverse	
1	C1-, C2-, G5C, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	T8C, A2-, T1-	Reverse	
1	C1-, G5C, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T, A15G	Probe	
	T8C, T1-	Reverse	
2	C1-, C2-, G16T	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-	Probe	
	A22C, T8C	Reverse	
193	C1-, G5C, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	A22C, T8C, T1-	Reverse	
1	C1-, A6T, C15T, A20G	Forward	Not Detected
	C1-, C4A, A6C, C8T	Probe	
	C1-, C2-, G5C, G16T	Forward	
1	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
	A22C, T7G	Reverse	
	C1-, C2-, G5C, G16T, A20G	Forward	
1	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	Not Detected
	T8C, T1-	Reverse	
	C1-, C2-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A9C, T8C, T1-	Reverse	
	G5C, G16T	Forward	
18	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, T8C, T1-	Reverse	
	C1-, C2-, C3-, A4-, G5-, G16T	Forward	
8	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected

uncultured eukaryote/100272	549	2	T8C, T1- C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T T8C, T7G	Reverse Forward Probe	Not Detected
		1	C1-, C2-, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, G12T, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2- , T1-	Reverse Probe	limited coverage (excluded)
		1	C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C	Forward Probe Reverse	Not Detected
		1	C1-, C2-, C3-, G16T G3T, C4-, C5-, A6-, C7-, C8- C17-, T8C	Forward Probe Reverse	Not Detected
		1	C1-, A6G, T7A, G9T, C15T, G16T G3-, C4-, C5-, A6-, C7- T7G	Forward Probe Reverse	Not Detected
		2	C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T C13C, G12A, T11G, T8C	Forward Probe Reverse	Not Detected
		2	C1-, C2-, C15T, G16T C1-, A6-, C7T, C8T T11G, T8C, T7G, T1-	Forward Probe Reverse	Not Detected
		1	C1-, C2-, G5C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T T7G	Forward Probe Reverse	Not Detected
		1	C1-, C2-, C3-, A4-, G5-, A6-, C15T G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C, T1-	Forward Probe Reverse	Not Detected
		1	C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8- C13C, G12G, T8C	Forward Probe Reverse	Not Detected
		1	C1-, C2-, G5C, G16T C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, C14T T8C, T7G	Forward Probe Reverse	limited coverage (excluded)
		1	G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, A2-, T1-	Forward Probe Reverse	Not Detected
		1	C1-, C2-, C3-, A4-, G5-, A6-, G9T, C15T, G16T, A20G T2A, C8T A22C, T7G	Forward Probe Reverse	Not Detected
		1	C1-, G5T, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Forward Probe Reverse	Not Detected
		1	C1-, C2-, C15T, G16T A6T, C7T, C8- C1-, C2-, G5C, G16T	Forward Probe Forward	Not Detected
		1	G3-, C4-, C5-, A6-, C7-, C8T, C14T C17-, T8C, T1-	Probe Reverse	Not Detected

1	C1-, C2-, G5C, G16T	Forward	limited coverage (excluded)
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	C20T, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, C3-, G9-, C15T, G16T	Forward	Not Detected
	T2-, C5T, A6T, C7-, C8-	Probe	
	T7G	Reverse	
2	C1-, C2-, G5C, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	A22C, T8C, T1-	Reverse	
1	C1-, G5C, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	A22C, T8C, A2-, T1-	Reverse	
1	C1-, G16T	Forward	Not Detected
	C1A, T2C, A6-, C7T, C8T	Probe	
	C25A, G12T, T8C	Reverse	
1	C1-, C2-, G5C, G16T, A19G	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8C, T1-	Reverse	
1	C1-, C2-, G5C	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8C, T7G, T1-	Reverse	
1	C1-, C2-, G5C, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	A10C, T8C, T1-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, G16T	Forward	Not Detected
	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
	A19C, T8C, T1-	Reverse	
1	C1-, A6G, T7A, G9T, C15T, G16T, A20G	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	T8C	Reverse	
1	C1-, C2-, G16T	Forward	limited coverage (excluded)
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, C3-, A4-, G9-, C15T, G16T	Forward	Not Detected
	T2-, C5T, A6T, C7-, C8-	Probe	
	T7G	Reverse	
1	C1-, C2-, C3-, A4-, T7A, C15T, G16T	Forward	Not Detected
	T2-, A6T, C7T, C8-	Probe	
	C25A, G12T, T8C	Reverse	
1	C1-, C2-, G5C, G16T	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, G16T	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
	C13C, G12A, T11G, T8C, T7G	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, G9T, C15T, G16T	Forward	Not Detected
	C4-, C5-, A6-, C7-, C8-, G9-, C14G, A15G	Probe	
	T8C	Reverse	

		Forward	
		Reverse	
		Forward	
1	C1-, C15T, G16T	Forward	
	C4T, C7T, C8T, C14T	Probe	Not Detected
	A22C	Reverse	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, A10C, T8C, T1-	Reverse	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	T23G, A22C, T8C, T1-	Reverse	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T, G24A	Probe	Not Detected
	A22C, T8C, T1-	Reverse	
	C1-, G5C, T10C, G16T	Forward	
2	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, T8C, T1-	Reverse	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	C24A, A22C, T8C, T1-	Reverse	
	C15T, G16T	Forward	
1	C1A, T2C, A6-, C7T, C8T	Probe	Not Detected
	C25A, G12T, T8C	Reverse	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T, A21G	Probe	Not Detected
	A22C, T8C, T1-	Reverse	
	C1-, G5C, G16T, G18A	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, T8C, T1-	Reverse	
	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, G16T	Forward	limited coverage (excluded)
1	G3-, C4-, C5-, A6-, C7-	Probe	
	T7G, A2-, T1-	Reverse	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, T21G, T8C, T1-	Reverse	
	C1-, A4G, C15T, G16T	Forward	
1	C1-, A6-, C7T, C8T, A15T, T16A, T17C	Probe	Not Detected
	C25A, G12T, T8C	Reverse	
1	C1-, C2-, T7A, C15T, G16T	Forward	Not Detected
	G3T, C4-, C5-, A6-, C7-, C8-	Probe	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, C13A, T8C, T1-	Reverse	
	C1-, G5C, G16T, T17C	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, T8C, T1-	Reverse	
	C1-, G5C, T10G, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected
	A22C, T8C, T1-	Reverse	
	C1-, G5C, G16T	Forward	
1	G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	Not Detected

						A22C, A9C, T8C, T1-	Reverse	limited coverage (excluded)
						C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, G16T	Forward	
						G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
						T8C, T1-	Reverse	Not Detected
						A4G, T7C, G9T, G16T, A20G	Forward	
						T2-, C7T, C8T, A15G, T17C	Probe	
						A9C, T8G	Reverse	Not Detected
						A4G, T7C, G9T, G16T, A20G	Forward	
						A6G, C7T, C8T, A15G, T17C, +2C	Probe	
						A9C, T8G	Reverse	Not Detected
						C1-, C2-, G16T	Forward	
						G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
						A22C, T8C, T1-	Reverse	Not Detected
						C1-, C2-, G5A, C8T, C15T	Forward	
						C1-, T2-, A6T, C7T, C8T, C14T	Probe	
						C13T, A10C, T7G	Reverse	Not Detected
						C1-, G5C, G16T	Forward	
						G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
						A22C, T8C, T1-, +11G	Reverse	Not Detected
						C1-, C2-, G5C, G16T	Forward	
						G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
Ambispora leptoticha/144679						T8C, +11G	Reverse	Not Detected
						C1-, C2-, C8A, G9T, G16T, A20G	Forward	
						T2-, A6G, C7-, C8-	Probe	
						T8C, T1-	Reverse	Not Detected
						C1-, G5C, G16T	Forward	
						G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
						A22C, A9C, T7G, A2-, T1-	Reverse	Not Detected
						C1-, G5C, G16T	Forward	
						G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
						T8C, T7G	Reverse	Not Detected
						C1-, G5C, G16T	Forward	
						G3-, C4-, C5-, A6-, C7-, C8T, C14T	Probe	
						A22C, T8T, T7G, A2-, T1-	Reverse	limited coverage (excluded)
						C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, G16T	Forward	
						G3-, C4-, C5-, A6-, C7-	Probe	
						T7G, A2-, T1-	Reverse	Detected
						No Mutations	NA	
						C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	
						C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	Forward	limited coverage (excluded)
								limited

Acanthamoeba triangularis/146752	20	1	reverse_missing	Reverse	coverage (excluded)
		1	G5A, G9-	Forward	Detected
		8	forward_missing	Forward	limited coverage (excluded)
		1	forward_missing	Forward	limited coverage (excluded)
		1	C1-, T2-, G3-, C4-	Probe	coverage (excluded)
			forward_missing	Forward	limited coverage (excluded)
		1	A6-, A15-	Probe	
			+17C	Reverse	limited coverage (excluded)
		1	forward_missing	Forward	
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	Probe	limited coverage (excluded)
Comandonia/158895	2	1	forward_missing	Forward	limited coverage (excluded)
		1	probe_missing	Probe	coverage (excluded)
		1	No Mutations	NA	Detected
Comandonia operculata/158896	1	1	C8T	Probe	Detected
		1	No Mutations	NA	Detected
uncultured fungus/175245	3	1	A4-, A3-, A2-, T1-	Reverse	Detected
		1	forward_missing	Forward	limited coverage (excluded)
		1	A2-, T1-	Reverse	limited coverage (excluded)
			forward_missing	Forward	
Acanthamoeba mauritaniensis/196912	2	1	reverse_missing	Reverse	coverage (excluded)
		1	No Mutations	NA	Detected
Acanthamoeba terricola/196913	1	1	C8T, G9T, T10C	Forward	Not Detected
		1	No Mutations	NA	Detected
		1	No Mutations	NA	Detected
Acanthamoeba divionensis/202919	3	1	T2C, +19T	Probe	Detected
		1	reverse_missing	Reverse	limited coverage (excluded)
		10	C1-, C2-, G16T	Forward	Not Detected
			G3T, C4-, C5-, A6-, C7-, C8-	Probe	
			T8C	Reverse	
		1	C1-, C2-, G5C, G16T	Forward	Not Detected
			G3T, C4-, C5-, A6-, C7-, C8-	Probe	
			T8C, T1-	Reverse	
		2	C1-, C2-, C3-, G16T	Forward	Not Detected
			G3T, C4-, C5-, A6-, C7-, C8-	Probe	
			T8C	Reverse	
		5	C1-, G5C, G16T	Forward	Not Detected
			G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
			T8C, T1-	Reverse	
		1	C1-, C2-, G5C, G16T	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, C14T	Probe	
			T8C, T1-	Reverse	
		5	C1-, C2-, G5C, G16T	Forward	Not Detected
			G3T, C4-, C5-, A6-, C7-, C8-, C14T	Probe	

uncultured marine eukaryote/203449	65	1	T8C, T1- C1-, C2-, G16T	Reverse Forward	Not Detected
			G3T, C4-, C5-, A6-, C7-, C8- C15A, T8C	Probe Reverse	
			C1-, C2-, G5C, G16T	Forward	
		1	G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C, T7G	Probe Reverse	Not Detected
			G5C, G16T	Forward	
		2	G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Probe Reverse	
			C1-, C2-, C3-, A4-, G5-, G16T	Forward	Not Detected
		3	G3-, C4-, C5-, A6-, C7-, C8T, C14T T8C, T1-	Probe Reverse	
			C1-, G5C, G16T	Forward	
		28	G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Probe Reverse	Not Detected
			C1-, C2-, G5C, G16T	Forward	
		1	G3-, C4-, C5-, A6-, C7-, C8T, C14T T8C, T1-	Probe Reverse	
			G5C, G16T	Forward	Not Detected
		1	G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, A10C, T8C, T1-	Probe Reverse	
			C1-, C2-, G16T	Forward	
		1	G3T, C4-, C5-, A6-, C7-, C8-, A10G T8C	Probe Reverse	Not Detected
			C1-, C2-, C3-, A4-, G5-, A6-, G16T	Forward	
		1	G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C, T1-	Probe Reverse	
Acanthamoeba quina/211522	13	1	C1-, G5C, T7C, G16T	Forward	Not Detected
			G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Probe Reverse	
		1	C1-, C2-, C3-, G9-, C15T, G16T	Forward	
		1	T2-, C5T, A6T, C7-, C8- T7G	Probe Reverse	Not Detected
		7	No Mutations	NA	
		2	C1T	Probe	
		2	forward_missing	Forward	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-	Forward Probe	limited coverage (excluded)
		1	forward_missing probe_missing	Forward Probe	limited coverage (excluded)
		4	C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8- T8C	Forward Probe Reverse	Not Detected
			C1-, C2-, C3-, A4-, G5-, G16T	Forward	
		1	G3T, C4-, C5-, A6-, C7-, C8-	Probe	

Telonema/232264	20	1	T8C C1-, C2-, G5C, G16T C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, C14T T8C, T1-	Reverse	limited coverage (excluded)
		1	C1-, C2-, G5C, G16T C5T, A6T, C7-, C8-, C14T T8C, T1-	Forward Probe Reverse	Not Detected
		7	C1-, C2-, G5C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C, T1-	Forward Probe Reverse	Not Detected
		1	C1-, C2-, C3-, A4-, G5-, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C, T1-	Forward Probe Reverse	Not Detected
		1	C1-, C2-, G5C, T11C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C, T1-	Forward Probe Reverse	Not Detected
		1	C1-, C2-, C3-, A4-, G5-, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T T8C, T1-	Forward Probe Reverse	Not Detected
		2	C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Forward Probe Reverse	Not Detected
		1	C1-, G5C, G16T, A20G G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Forward Probe Reverse	Not Detected
Telonema subtile/232287	4	4	C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8- T8C	Forward Probe Reverse	Not Detected
		1	C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Forward Probe Reverse	Not Detected
Telonema antarcticum/232288	2	1	C1-, G5C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T A22C, T8C	Forward Probe Reverse	Not Detected
		26	No Mutations	NA	Detected
		1	+8C	Forward	Detected
		1	+6A	Forward	Detected
		1	T12C, +12C	Forward	Detected
		1	C8-	Probe	Detected
		1	T7A, C8T T8G	Forward Reverse	Detected
		25	forward_missing	Forward	limited coverage (excluded)
		3	forward_missing A6-	Forward Probe	limited coverage (excluded)
		1	forward_missing T2C	Forward Probe	limited coverage (excluded)

Acanthamoeba jacobsi/238784	68	1	forward_missing G9A	Forward Probe	limited coverage (excluded)
		2	forward_missing T8G	Forward Reverse	limited coverage (excluded)
		1	forward_missing C5-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2- T8G	Forward Probe Reverse	limited coverage (excluded)
		1	forward_missing C1T, A6G, C7A, C8A	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-	Forward Probe	limited coverage (excluded)
		1	C1-, A6G, T7A, G9T, C15T, G16T C1-, T2-, G3-, C4-, C5-, A6-, C7- T7G	Forward Probe Reverse	 Not Detected
uncultured Glomeromycotina/241622	2	1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, C15T, G16T C1-, T2-, G3-, C4-, C5-, A6-, C7- T7G	Forward Probe Reverse	 limited coverage (excluded)
Acanthamoeba echinulata/306324	1	1	No Mutations C1-, G5C, G16T	NA Forward	Detected
uncultured marine picoplankton/324688	2	1	G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Probe Reverse	Not Detected
		1	C1-, C2-, C3-, A4-, G5-, A6-, C15T C4T, C5-, A6-, C7-, C8-	Forward Probe	Not Detected
		21	A22C, T8C, T1- C1T, T2C, A6G, C7T, C8T, A15G, T17C A9C, T8G	Reverse Probe Reverse	Not Detected
		1	C1T, T2C, A6G, C7T, C8T, A15G, T17C A9C, T8G, +19T	Probe Reverse	Not Detected
		1	T2G, G3C, A6G, C7T, C8T, A15G, T17C, +12TGA A9C, T8G	Probe Reverse	Not Detected
		1	A4G, T7C, G9T, G16T, A20G A6G, C7T, C8T, A15G, T17C, +2C A9C, T8G	Forward Probe Reverse	Not Detected
		1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17- C1T, T2C, A6G, C7T, C8T, A15G, T17C A9C, T8G	Forward Probe Reverse	limited coverage (excluded)
		1	No Mutations	NA	Detected
soil amoeba AND32/328359	1	1	C13A, T8G, T7G G16T	Reverse Forward	Not Detected
uncultured microeukaryote/340210	2	1	C1T, C7T, C8T C13A T8G T7G	Probe Reverse	Not Detected

uncultured Eimeriidae/404735	6	5	No Mutations	NA	Detected
		1	C24A, T8T, T1-, +19T	Reverse	Not Detected
		5	No Mutations	NA	Detected
uncultured amoeba/415944	14	7	forward_missing	Forward	limited coverage (excluded)
		1	forward_missing T2A, A15-	Forward Probe	limited coverage (excluded)
		1	forward_missing C1-, T2-, G3-, C4-, C5-, A6-, A15C	Forward Probe	limited coverage (excluded)
Planomonas micra/554453	5	5	C1-, C2-, T7A, C15T, G16T G3T, C4-, C5-, A6-, C7-, C8-	Forward Probe	Not Detected
		1	C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8-, T22C	Forward Probe	Not Detected
		1	T8C C1-, G5C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T	Reverse Forward Probe	Not Detected
uncultured marine Telonemida/589440	6	1	T8C, T1- C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8-	Reverse Forward Probe	Not Detected
		3	C17A, T8C C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T	Reverse Forward Probe	Not Detected
		4	A22C, T8C, T1- C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T	Reverse Forward Probe	Not Detected
marine plankton environmental sample/632957	4	2	A22C, T8C, T1- C1-, G5C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T	Reverse Forward Probe	Not Detected
		1	T8C, T1- C1-, C2-, G5C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T	Reverse Forward Probe	Not Detected
		2	T8C, T1- C1-, G5C, G16T G3T, C4-, C5-, A6-, C7-, C8-, C14T	Reverse Forward Probe	Not Detected
uncultured Telonemia/660927	8	2	A22C, T8C, T1- C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T	Reverse Forward Probe	Not Detected
		1	A22C, T8C, T1- C1-, G5C, G16T G3-, C4-, C5-, A6-, C7-, C8T, C14T, T16C	Reverse Forward Probe	Not Detected
		2	A22C, T8C, T1- C1-, A6G, T7A, G9T, G16T C1A, T2A, C5T, A6T, C7-, C8-	Reverse Forward Probe	Not Detected
uncultured Mucoromycotina/666718	2	2	T7G No Mutations	Reverse NA	Not Detected Detected
		3	forward_missing	Forward	limited coverage (excluded)

Acanthamoeba cf. healyi/682864	9	1	A13T	Forward	Not Detected		
		1	A18G, C17T	Reverse			
		1	C1-, C2-, A13T, C15-, G18C	Forward	Not Detected		
		1	forward_missing	Forward	limited coverage (excluded)		
			A6C, A21-+11G	Probe			
		1	forward_missing	Reverse	limited coverage (excluded)		
			C1-, A6-, A21-+11G	Forward			
		2	C1-, C2-, G16T	Probe	Not Detected		
			G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C	Reverse			
		1	C1-, G16T	Forward			
uncultured Telonemida/876688	19	1	G3T, C4-, C5-, A6-, C7-, C8-T8C	Probe	Not Detected		
		1	C1-, C2-, G16T	Reverse	Not Detected		
			G3T, C4-, C5-, A6-, C7-, C8-T8C	Forward			
		1	G3T, C4-, C5-, A6-, C7-, C8-T8C	Probe	Not Detected		
			C1-, C2-, G5C, G16T	Reverse			
		5	G3T, C4-, C5-, A6-, C7-, C8-, C14T T8C, T1-	Forward	Not Detected		
			C1-, G5C, G16T	Probe			
		8	G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, T8C, T1-	Reverse	Not Detected		
			C1-, G5C, G16T	Forward			
		1	G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, A18C, T8C, T1-	Probe	Not Detected		
C1-, G5C, G16T	Reverse						
Allomyces reticulatus/945682	2	1	C1-, G5C, G16T	Forward	Not Detected		
		1	G3-, C4-, C5-, A6-, C7-, C8T, C14T A22C, A10C, T8C, T1-	Probe			
		2	A6C, T7A, C15T, G16T	Reverse	Not Detected		
			C1T, A6T, C7-, C8-, C14T, A15C T7G	Forward			
		Blastocladia ramosa/945685	1	1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, C15T, G16T	Probe	limited coverage (excluded)
				C1T, A6T, C7-, C8-, C14T, A15C T7G	Reverse		
Stygamoeba regulata/1042828	2	2	C1-, A6T, C15T, A20G	Forward	Not Detected		
		C1-, C4A, A6C, C8T	Probe				
Paradermamoeba levis/1072175	1	1	C1-, C2-, C3-, A6T, C15T, G16T, A20G	Forward	Not Detected		
		T2A T7G	Probe				
Karlingiomyces asterocystis/1134062	1	1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, C15T, G16T	Reverse	limited coverage (excluded)		
		C1T, C5T, A6-, C7-T7G	Forward				
			Probe				
Acanthamoebidae sp. EO-2012/1173418	1	1	No Mutations	Reverse	Detected		
Planomonas brevis/1246797	1	1	C1-, C2-, T7A, C15T, G16T	NA	Not Detected		
		G3T, C4-, C5-, A6-, C7-, C8-C1-. C2-. T7A. C15T. G16T	Forward				
			Probe				

Planomonas bulbosa/1246798	1	1	G3T, C4-, C5-, A6-, C7-, C8- C1-, C2-, C3-, A6T, C15T, G16T, A20G	Probe Forward	Not Detected
Lesquereusia spiralis/1260111	1	1	T2A, C7T, C8T, A15T, T17C T7G	Probe Reverse	Not Detected
Planomonas/1291203	3	3	C1-, C2-, T7A, C15T, G16T G3T, C4-, C5-, A6-, C7-, C8-	Forward Probe	Not Detected
uncultured Karlingiomyces/1487176	1	1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, C15T, G16T G3-, C4-, C5-, A6-, C7- T7G	Forward Probe Reverse	limited coverage (excluded)
Acanthamoeba micheli/1675013	1	1	No Mutations	NA	Detected
Acanthamoeba pyriformis/1899168	1	1	C4T, C8T C1-, A4C, T7A, C15T	Probe Forward	Detected
Eukaryota sp./1928008	1	1	C1A, C4G, A6C, C7T, C8T C25A, A22C, G12T, T8C	Probe Reverse	Not Detected
Innospora majewskii/1981986	1	1	C1-, A6G, T7A, G9T C1A, C5-, A6-, C7T T7G, A2-, T1-	Forward Probe Reverse	Not Detected
Stemmatomyces panamensis/2060890	1	1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, C15T, G16T G3-, C4-, C5-, A6-, C7- A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Forward Probe Reverse	limited coverage (excluded)
Apusozoa sp./2302699	1	1	C1-, C2-, T7A, C15T, G16T G3T, C4-, C5-, A6-, C7-, C8-	Forward Probe	Not Detected
Acanthamoeba byersi/2506114	1	1	No Mutations C1-, C2-, G16T	NA Forward	Detected
Arpakorses idiomastiga/2912879	1	1	G3T, C4-, C5-, A6-, C7-, C8- T8C	Probe Reverse	Not Detected
Telonema tenere/2912881	1	1	C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8- T8C	Forward Probe Reverse	Not Detected
Telonema rivulare/2912989	1	1	C1-, C2-, G16T G3T, C4-, C5-, A6-, C7-, C8- T8C	Forward Probe Reverse	Not Detected
Coronamoeba villafranca/2936289	7	7	C1-, C2-, C3-, A4-, G5-, A6-, G9T, C15T, G16T, A20G T2A, C8T A22C, T7G	Forward Probe Reverse	Not Detected