ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	Accessions	Mutation	Oligo	Impact
			1059	No Mutations	NA	**Detected**
			15	C1-	Forward	**Detected**
			7	C1-, C2-	Forward	**Detected**
			1	A13C	Forward	**Detected**
			2	A10C	Reverse	**Detected**
			1	A6C	Reverse	**Detected**
			2	T11C	Reverse	**Detected**
			1	G9C	Forward	**Detected**
			1	A13G	Forward	**Detected**
			2	G9T	Forward	**Detected**
			1	C3A	Forward	**Detected**
			1	C8G	Forward	**Detected**
			1	G19A	Probe	**Detected**
			4	C8T	Forward	**Detected**
			1	C1G	Probe	**Detected**
			1	A18A	Reverse	**Detected**
			1	A3C	Reverse	**Detected**
			1	T17C	Forward	Not Detected
			1	T2A	Probe	**Detected**
			1	T5G	Reverse	**Detected**
			1	T17A	Forward	Not Detected
			9	C1-, C2-, C3-	Forward	**Detected**
			5	+6A	Forward	**Detected**
			1	+8T	Forward	**Detected**
			1	+18A	Probe	**Detected**
			2	+5G	Forward	**Detected**
			5	C1-, C2-, C3-, A4-	Forward	**Detected**
			2	A4-, A3-, A2-, T1-	Reverse	**Detected**
			7	C8-	Forward	**Detected**
			2	T7A	Forward	**Detected**
			4	G5A	Forward	**Detected**
			1	A9G	Reverse	**Detected**
			1	C24T	Reverse	Not Detected
			6	C1-, C2-, C3-, A4-, G5-	Forward	**Detected**
			3	C1T	Probe	**Detected**
			1	T7C	Forward	**Detected**
			1	G23A	Probe	**Detected**

2	G19T	Probe	**Detected**
6	T7A, C8T	Forward	**Detected**
1	G5A, T7A	Forward	**Detected**
2	C17A	Reverse	**Detected**
1	T5-, A4-, A3-, A2-, T1-	Reverse	**Detected**
1	A9C	Reverse	**Detected**
7	C1-, C2-, C3-, A4-, G5-, A6-	Forward	**Detected**
1	+8A	Reverse	**Detected**
1	C8T, +6A	Forward	**Detected**
1	A18-, G19-	Probe	**Detected**
19	C1-, C2-, C3-, A4-, G5-, A6-, T7-	Forward	limited coverage (excluded)
1	C1-, C2-	Forward	**Detected**
	T17C	Probe	
1	C3A, G9-	Forward	**Detected**
1	A6C	Probe	**Detected**
1	A4G, A6T, A13C	Forward	Further Analysis
23	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Forward	limited coverage (excluded)
1	+10T	Reverse	**Detected**
1	G9-, +5G	Forward	**Detected**
1	A15T	Probe	**Detected**
1	C1-, C2-, C3-, A4-, G9-	Forward	Further Analysis
22	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Forward	limited coverage (excluded)
1	T8-	Reverse	**Detected**
1	A15-	Probe	**Detected**
1	A10G	Probe	**Detected**
1	C1G, A6-	Probe	**Detected**
1	A21G	Probe	**Detected**
29	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
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	**Detected**
	C1T, +2T	Probe	
1	A6G	Probe	**Detected**

21	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	Forward	limited coverage (excluded)
1	A6-	Probe	**Detected**
1	A6T, G19A	Probe	**Detected**
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
	C1T	Probe	
1	A18G, G24T	Probe	Not Detected
	A22G	Reverse	
1	T17A	Forward	Not Detected
	A18C	Reverse	
1	C1G, A6G	Probe	**Detected**
16	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
1	+8C	Forward	**Detected**
	+17G	Reverse	
1	G3A	Probe	**Detected**
2	T12-	Forward	**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-	Forward	limited coverage (excluded)
	A6G	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Forward	limited coverage (excluded)
	A6T	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	Forward	limited coverage (excluded)
	A19C	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, C15G	Forward	limited coverage (excluded)
	C8T	Probe	
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-, T17G	Forward	limited coverage (excluded)
1	T1-	Reverse	**Detected**
2	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-	Forward	Further Analysis
	+19T	Reverse	
1	A18G, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
5	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited

3	T11-, T12-, A13-, C14-, C15-, G16-, T17-	Forward	coverage (excluded)
1	G5A	Forward	**Detected**
	T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	A4T, C8T, T10G, T17C	Forward	Not Detected
	C8A, T22C	Probe	
1	T23G	Reverse	Not Detected
7	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-	Forward	limited coverage (excluded)
	C1T, G3T	Probe	
1	C14G, +6A	Forward	Not Detected
	A18G	Reverse	
1	G5T	Forward	**Detected**
	T12A	Probe	
	A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-	Forward	limited coverage (excluded)
	+17A	Probe	
	+19T	Reverse	
1	+17AGGAGGG	Forward	Not Detected
1278	forward_missing	Forward	limited coverage (excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Forward	limited coverage (excluded)
	+19T	Reverse	
1	G12-, A6G	Reverse	**Detected**
1	C8-, A13C	Forward	**Detected**
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
	+15T	Probe	
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-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	Forward	limited coverage (excluded)
	T12-	Probe	
3	forward_missing	Forward	limited coverage (excluded)
	A6C	Probe	
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-	Forward	limited coverage (excluded)
	G3C	Probe	
1	+8C	Forward	Not Detected
	A6C, +3GC, +17T	Probe	
	+10T	Reverse	

1	C1-, C2-, C3-, C8T	Forward	Further Analysis
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	Forward	limited coverage (excluded)
	A6-	Probe	
1	T12-	Probe	**Detected**
1	C8-	Probe	**Detected**
1	A6G, C7G	Probe	Further Analysis
8	forward_missing	Forward	limited coverage (excluded)
	A6G	Probe	
1	A13T	Forward	**Detected**
	A6C	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	C1T	Probe	
1	C1-, C2-, A13G	Forward	Further Analysis
	C1T, G9-	Probe	
1	C1-, C2-, C3-	Forward	**Detected**
	T5-, A4-, A3-, A2-, T1-	Reverse	
1	G5-, C14G, C15G	Forward	**Detected**
2	T10A, T12A, C14A, C15A	Forward	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, A20C	Forward	limited coverage (excluded)
4	+17G	Reverse	**Detected**
1	C17-, C16-	Reverse	Not 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**
7	reverse_missing	Reverse	limited coverage (excluded)
1	T7-, C8-	Forward	**Detected**
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, A20C	Forward	limited coverage (excluded)
	C17-, C16-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
	+19A	Reverse	
3	forward_missing	Forward	limited coverage (excluded)
	C4G	Probe	
1	C1-, C2-, G5T	Forward	**Detected**
	G19A	Probe	

1	+23A	Reverse	Not Detected
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
	T1-	Reverse	
1	C1-, C2-, C3-, A4-, T11C	Forward	Further Analysis
	A2-, T1-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, A20T	Forward	limited coverage (excluded)
2	forward_missing	Forward	limited coverage (excluded)
	C7G	Probe	
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	A6-	Probe	**Detected**
	A6A, +17G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A2-, T1-	Reverse	
40	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 (excluded)
	C14T, C13A	Reverse	
26	forward_missing	Forward	limited coverage (excluded)
	A6-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A18G	Reverse	
52	+1C	Probe	**Detected**
1	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-, T12-, A13-, C14-	Forward	limited coverage (excluded)
	G19A, T22A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A3-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	T12A	Probe	
2	C1-	Forward	**Detected**
	+1C	Probe	
1	C1-	Forward	**Detected**

1	A19A, A4G	Reverse	**Detected**
2	forward_missing	Forward	limited coverage (excluded)
	+1T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+5C	Probe	
6	forward_missing	Forward	limited coverage (excluded)
	C1-	Probe	
2	A6-, T22-	Probe	Not Detected
	A19-, A18-	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	T1-	Reverse	
16	forward_missing	Forward	limited coverage (excluded)
	reverse_missing	Reverse	
5	forward_missing	Forward	limited coverage (excluded)
	+2T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+14N	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T23C	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	Forward	limited coverage (excluded)
	C17-, C16-, C15-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G3T, +3GA	Probe	
1	A11-	Probe	**Detected**
1	forward_missing	Forward	limited coverage (excluded)
	C1T, C7G	Probe	
1	C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
1	forward_missing	Forward	limited coverage (excluded)
	+9C	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A20C	Forward	limited coverage (excluded)
	C25C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A4C	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	+7A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+2C	Probe	
1	+1C	Probe	**Detected**

1	T5-, A4-, A3-, A2-, T1-	Reverse	**Detected**
1	forward_missing	Forward	limited coverage (excluded)
	+2A	Probe	
6	forward_missing	Forward	limited coverage (excluded)
	+11A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A10C	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	G19C	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	Not Detected
	+2T, +15A	Probe	
	C20T, +12T	Reverse	
5	forward_missing	Forward	limited coverage (excluded)
	C5-	Probe	
1	C1-	Forward	**Detected**
	C1T	Probe	
	T11C, T1-	Reverse	
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	
7	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Forward	limited coverage (excluded)
	+1C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-	Forward	limited coverage (excluded)
	+1C	Probe	
1	C1-, C2-, C3-, A4-, G5-	Forward	**Detected**
	A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	G5A	Forward	**Detected**
	T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G24C	Probe	
	forward_missing	Forward	limited

1	A19C, C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
1	forward_missing	Forward	limited coverage (excluded)
	A13T	Probe	
7	forward_missing	Forward	limited coverage (excluded)
	C8-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A4-, A3-, A2-, T1-	Reverse	
1	T16-	Probe	**Detected**
	A10-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C8-, +2T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T2G, C4T, +4T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A6-	Probe	
	A22A	Reverse	
3	forward_missing	Forward	limited coverage (excluded)
	+22C	Probe	
1	T12-	Forward	**Detected**
	+1C	Probe	
	T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	T10A, C15T, A20G, +6G	Forward	Not Detected
	C4G, A6T	Probe	
	A19C, A10C	Reverse	
3	forward_missing	Forward	limited coverage (excluded)
	A6-, A13-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+18C	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	+16A	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
	+1C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
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	
1	forward_missing	Forward	limited coverage (excluded)
	C4A, C8-, +1CT	Probe	
	forward_missing	Forward	limited

2	C7A	Probe	coverage (excluded)
1	forward_missing	Forward	limited coverage (excluded)
	C4T, +2TG	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A10G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+10G	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G19C, A21C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T12G, +22C	Probe	
1	T12G, C15A, G16A, T17A	Forward	Not Detected
	T17G, T22A	Probe	
	A18C	Reverse	
3	forward_missing	Forward	limited coverage (excluded)
	+17T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C4A, C8-, +2T	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	A6-, C7-	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	T2G	Probe	
1	G5T, G18A	Forward	Not Detected
	A6C, G9A, C14T, A15T, G19A, C20T, A21G	Probe	
	C20T, G12T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G19T	Probe	
19	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A11C, T12C	Probe	
1	C1T, A6C, A13C	Probe	Not Detected
1	forward_missing	Forward	limited coverage (excluded)
	G3T, +4NT	Probe	
1	A13C, G19C	Probe	Further Analysis
	C13C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	+7G	Probe	

1	forward_missing	Forward	limited coverage (excluded)
	C4T, A21-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A6C, +11A	Probe	
4	forward_missing	Forward	limited coverage (excluded)
	C1A	Probe	
4	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+18A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C20-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C8-, +23C	Probe	
1	C1-, C2-, C3-, A4-, A19C, A20C	Forward	Not Detected
	A18-, C17-, C16-, A10C, A3G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A15G, G19T, +19A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C16C, C15C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A10G, +7A	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, G18-, A19-, A20-	Forward	limited coverage (excluded)
	T2G	Probe	
1	A6T, C8T, G18A	Forward	Not Detected
	G3C, A10C, T16C	Probe	
	A19G, A18G	Reverse	
1	C1-, C2-, C3-, A4-, G5-, +13T, +19TT	Forward	Further Analysis
	+3G, +19T	Probe	
	A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	T17A, A18T, G19A, +7G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1G, C5A, A6G	Probe	
	A19A	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, G9T	Probe	
1	forward_missing	Forward	limited

			1	T2C	Probe	coverage (excluded)
			32	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				A6-, A10G	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C5G, C7A, T12-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C4T, A10G, +22C	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				G3T, C8A, +8A	Probe	
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
				reverse_missing	Reverse	
			2	forward_missing	Forward	limited coverage (excluded)
				C5G, C8-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C4G, A6C, +11A	Probe	
			20	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				A15G, C20A	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				+13A	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C5T	Probe	
	Acanthamoeba/5754	3603	1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	Forward	limited coverage (excluded)
				C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
			14	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				A21-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T2C, A6G, C7A, C8A, G9A, A18C	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, C7A, G9A	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C4G, A6C	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C20G	Probe	

1	forward_missing	Forward	limited coverage (excluded)
	A15G, C20A, +2C	Probe	
6	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-	Probe	
1	C8G, A13C, T22G	Probe	Not Detected
	C24A	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C4T, C5T, +7A	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A13T, T17C	Forward	limited coverage (excluded)
1	forward_missing	Forward	limited coverage (excluded)
	C5G, C7A, T12-, +7A	Probe	
1	C1-, G5C, C8G, A13T	Forward	Not Detected
1	G5T, G9T	Forward	Not Detected
	A6C, G9A, C14T, A15T, G19A, C20T, A21G	Probe	
	C24T, C20T, G12T, T11T	Reverse	
1	C1-, T2-, A6-, T17-, T22-	Probe	Not Detected
	A19-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C5T, A6-, C7-	Probe	
7	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	Probe	
1	C1-, G3C, T16-, T17-	Probe	Not Detected
	A19-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C24A, T7C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C7G, A11G	Probe	
	C15C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C8A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	G3T, C4A, C7-, C8-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	G3T, C5-	Probe	
	A10-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	+9T	Probe	
	T11T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C4T	Probe	

14	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, A21T, T22A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, G19C, C20G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, G9A, G19T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-	Probe	
	A3G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	+12T	Probe	
22	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, +19G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, +17T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	G3T, C4A, C8-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, +22C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, +17TT	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C4T, A6-, A10G, T12G, A21C, T22C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+12T, +17T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A6-	Probe	
	T8C, T7C	Reverse	
4	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-	Probe	
1	forward_missing	Forward	limited coverage
	A15T, G19C, +3G	Probe	

			(excluded)
	G12G	Reverse	
10	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16A	Probe	
11	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-	Probe	
2	forward_missing	Forward	limited coverage (excluded)
	A15C	Probe	
1	C25C, A22A, C17A, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	limited coverage (excluded)
1	forward_missing	Forward	limited coverage (excluded)
	G9T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, A15-, G19T, C20G	Probe	
5	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1T, G3T, C4A	Probe	
	A2-, T1-, +12A, +9A	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A6T, +19G	Probe	
3	+1C	Probe	limited coverage (excluded)
	reverse_missing	Reverse	
5	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A6G, A10G, +18T	Probe	
1	C8G, A13C	Probe	Not Detected
	A18G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1T, T2G	Probe	
6	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-	Probe	
1	G3C, A6C, A13C, G19C	Probe	Not Detected
	C24A, A22A, A18G, C13C	Reverse	
	forward_missing	Forward	

			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Probe	
			T1-	Reverse	
			forward_missing	Forward	limited coverage (excluded)
			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	
			forward_missing	Forward	limited coverage (excluded)
			A13T, +1C	Probe	
			forward_missing	Forward	limited coverage (excluded)
			A6-, A15-	Probe	
			G5T, G9T	Forward	Not Detected
			A6C, G9A, C14T, A15T, G19A, C20T, A21G, G24A	Probe	
			C24T, A19G, G12T, T11T, T1-	Reverse	
			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, G9A, A15-, G19T, A21-	Probe	
			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-	Probe	
			forward_missing	Forward	limited coverage (excluded)
			C1G, C5A, A6G	Probe	
			forward_missing	Forward	limited coverage (excluded)
			G3T, C4G, +4AA, +16A	Probe	
			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Probe	
			C15C	Reverse	
			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G	Probe	
			C15A	Reverse	
			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	Probe	
			forward_missing	Forward	limited coverage (excluded)
			G19A, +1C	Probe	
			forward_missing	Forward	limited coverage (excluded)
			C5T, A6T, C7T, C8A	Probe	
			A10-, A2-, T1-	Reverse	
			forward_missing	Forward	limited coverage (excluded)
			C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	

1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	Probe	
	G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	T17-	Forward	Not Detected
	G3C, A6-, C7-, A13G, T22G, G24-	Probe	
	A19-	Reverse	
3	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-, G23-	Probe	
1	G5C, C8A, G9T	Forward	Not Detected
	A6C, G19T, G24T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T2C, A6C, A11-, A21C, T22C, +19Y	Probe	
180	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-	Forward	limited coverage (excluded)
	C1T, T2C, G3T, A6T, C7T, A13C, A15T	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, T22C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, +17TT	Probe	
	T5T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	
	A3G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G3T, +3NT	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, +12T, +17TT	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, C14G, A15-	Probe	
	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 (excluded)
	G19A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A6-, A11-, A15-, A21T, T22G	Probe	
1	A2-, T1-	Reverse	**Detected**

1	forward_missing	Forward	limited coverage (excluded)
	T5T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, G24C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-	Probe	
1	C1T, T2C, A6G, C7T, C8T, A15G, T17C	Probe	Not Detected
	A9C, T8G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A6-, +1C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T2C, G3T, C4G, A6G, A11G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	G3T, C4T, C5A, A6C, C7A, +19G	Probe	
	T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	T2G, C4G, A6G, C7A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+1C	Probe	
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A6G, C7A, A15C, +3G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, +17T	Probe	
	+17C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A15-, G19A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A21C, T22C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	A6G, C7A, +1G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, A6G, C7A	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C8T	Probe	
	T8G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, G19T, A21C, T22C	Probe	
1	G5T, G9T, T17A	Forward	Not Detected
	A6G, C9A, C14T, A15T, G19A, C20T, A21C	Probe	

1	A6C, G9A, C14T, A15T, G19A, C20T, A21G	Probe	Not Detected
	C24T, C20T, A19G, T11T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C4G, T12-, A15T, G19C, C20A, A21T	Probe	
	T21G, A19A, G12G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A15C, G19C, +9C, +20C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T2C, T16C, +9C, +16C	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	+1T	Probe	
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-	Probe	
	+20C, +14C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-	Probe	
	G12G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C5T, A6T, C8A, G9A	Probe	
	+19TA, +13T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	T2G, A6T, A11T, A21C	Probe	
1	C1-, C2-, C3-, A4-, G5-, C8A, T17C	Forward	Not Detected
	A6C, A18T, G19T, G24T	Probe	
	A19A, T8T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A15-, G19A	Probe	
	T7T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, A15-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T23-, A22-, T21-, C20-, A19-, A18-, C17-, C16-, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, C15T	Forward	limited coverage (excluded)
	C1G, A10G, T16G, T17A	Probe	
	reverse_missing	Reverse	
1	forward_missing	Forward	limited
	C8-, +2T	Probe	

1	C8-, +21	Probe	coverage (excluded)
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, C5G	Probe	
	C24A, T11T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C4G, C8-, T12G, T17G	Probe	
	A22-, A19-, A18G	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	Forward	limited coverage (excluded)
	C1T, T2C, A6G, C7T, C8T, A15G, T17C	Probe	
	A9C, T8G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A6C, A15C, +1C	Probe	
	T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	T12A, G19C, A21T, T22G, +3G	Probe	
	T21G, G12G, T11G, T5T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	+2AT	Probe	
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G3A	Probe	
1	A21-, T22-, G23-, G24-	Probe	limited coverage (excluded)
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	T2G, A6-	Probe	
	A22-, T21G, G12G, T11C, T8T, T5T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A6-, G9T, A15-, G19-	Probe	
	C20A	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1T, T2G, C8T, +9N	Probe	
	T11C, T8-, +23GANT	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	Forward	limited coverage (excluded)
	C8G, A13C, G19C, T22G	Probe	
	C24A, A22A, A18G, C13C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C8T, G9-, +2T	Probe	
	+10C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, A10G, G19C, A21C, T22C, +22TC	Probe	
	forward_missing	Forward	

1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-	Probe	
	T23G, C20T, G12G, T11G, T8T, T7T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	A19G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A6-, C7-, T12C, A15-, T22-	Probe	
	A19-	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-, A19-	Forward	limited coverage (excluded)
	C1T, G3C, A6C, A10G, A13T	Probe	
	C24A, A22A, C13C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C4G, A10C, T17A, C20A, A21T, +11G	Probe	
	T11T, A2-, T1-	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	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 (excluded)
	C14G, T16G	Probe	
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	+8A	Probe	
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	A6-, A11T, T12-, A13-	Probe	
	+22T, +17G, +8A	Reverse	
2	T2A, C4G, +8ACGAT	Probe	Not Detected
	T21G, A18C	Reverse	
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	Forward	limited coverage (excluded)
	C1T, T2G, G3A, A10G, +6T, +15C, +20G	Probe	
	C20A, +17TG, +5G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	T11C, +17G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C4G	Probe	
	T21C, C15-, C14-, C13-, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage
	C1-, T12-, A15-	Probe	

	A10-, A9C, T8C, +19T	Reverse	(excluded)
1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, G16C, T17C	Forward	limited coverage (excluded)
	A6C, G9C, G19T, C20A	Probe	
	A19A, G12-, T11-, A10-, A9-, T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	T7T, A3A	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	T2A, G3A, A6T, C8A, A10T, A15T, G24A	Probe	
	C25A, A22G, C16A	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G3-, A6T, T16C, A18T, G19T, T22C, +10CATC	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	T2-, A6-, A15-, A21-	Probe	
	A18C, A10C, A9C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, A15G, T16C, A21G	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	+17C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	A4A	Reverse	
1	C5G, A6C, G9C, T12A, C14A, A18-, G19-, C20-, A21-, T22-, G23-, G24-	Probe	limited coverage (excluded)
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G19-	Probe	
	reverse_missing	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	G19-	Probe	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A15G, T16C, A21G, G24A	Probe	
	A19G, C14T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	C15C, A4-, A3-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	T8-	Reverse	
	forward_missing	Forward	

1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, C14T	Probe	
	C25A, A22C, T11G, T8C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	T11C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	+23C	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-	Probe	
	C24A, A22A, C17-, T11C, T8T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	T21C, A2-, T1-, +23GAAT	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, T22G	Probe	
	C20A, A19A, A10C, A9A	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	T8-, A2-, T1-	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	C20T, G12T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	A22G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	C20T, G12T, T11T, T5T	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	T23G, T21G, A19G, A18G	Reverse	
1	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	C24A, T8G	Reverse	
2	forward_missing	Forward	limited coverage (excluded)
	probe_missing	Probe	
	C25-, C24-, T23-, A22-	Reverse	

				C25-, C24-, T23-, A22-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
				C25-, C24-, T23-, A22-, T21-, C20-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
				C25-, C24-, T23-, A22-, T21-, C20-, A19-	Reverse	
			2	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
				C25-, C24-, T23-, A22-, T21-, C20-, A19-, A18-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
				C25-, C24-, T23-, A22-, T21-, C20-, A19-, A18-, C17-	Reverse	
			45	No Mutations	NA	**Detected**
			1	C1-, C2-	Forward	**Detected**
			1	C8T	Forward	**Detected**
			1	C1T	Probe	**Detected**
			1	G5A	Forward	**Detected**
			3	+6A	Forward	**Detected**
			1	T7A, C8T	Forward	**Detected**
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Forward	limited coverage (excluded)
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Forward	limited coverage (excluded)
			7	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	Forward	limited coverage (excluded)
			1	C1T	Probe	**Detected**
				A10C	Reverse	
			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)
			55	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- Forward A13C Probe	**Detected**
			2	forward_missing Forward C1T Probe	limited coverage (excluded)
			1	forward_missing Forward +11A Probe	limited coverage (excluded)
			1	forward_missing Forward +9C Probe	limited coverage (excluded)
	Acanthamoeba castellanii/5755	174	1	forward_missing Forward A21- Probe	limited coverage (excluded)
			2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11- Forward C1T, A6C, A11T, A15T, G19C, +2TAAAAC Probe	limited coverage (excluded)
			1	G18A Forward G3C, A6C, C14T Probe T21G, A19G, A18G, T8T, T1- Reverse	Not Detected
			1	forward_missing Forward C8A, +8A Probe	limited coverage (excluded)
			2	forward_missing Forward C1-, T2- Probe	limited coverage (excluded)
			1	forward_missing Forward C1-, T2-, G3-, C4-, C5- Probe	limited coverage (excluded)
			1	forward_missing Forward T2G, A6-, A15- Probe	limited coverage (excluded)
			1	forward_missing Forward C1-, T2-, +21A Probe	limited coverage (excluded)
			6	forward_missing Forward C1-, T2-, G3-, C4-, C5-, A6- Probe	limited coverage (excluded)
			1	forward_missing Forward C1-, T2-, G3-, C4-, C5-, A6-, C7- Probe	limited coverage (excluded)
			1	forward_missing Forward C8- Probe	limited coverage (excluded)
			1	forward_missing Forward C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11- Probe	limited coverage (excluded)
				forward_missing Forward	limited

			1	C1-, T2-, A6C, A11T, A15T, G19C	Probe	coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, +17N	Probe	
			2	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T2-, G3-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				A6-, C7-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-	Probe	
				C17-	Reverse	
			10	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
	Acanthamoeba polyphaga/5757	73	25	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	Not Detected
			1	T11A, T12A	Forward	Not 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 (excluded)
				+2A	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T2G	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T2G, A6-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				G9C	Probe	
			2	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-	Probe	

			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				+17CN	Probe	
				A18C	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	Probe	
			2	forward_missing	Forward	limited coverage (excluded)
				+3G, +17T	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	Probe	
				A2-, T1-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
	Acanthamoeba palestinensis/28015	28	6	No Mutations	NA	**Detected**
			2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-	Probe	
			12	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				+2A	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T11T	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				T2G, A6-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				+17T	Probe	
				+17C	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-	Probe	
			1	T17G	Forward	limited coverage
				probe_missing	Probe	

			1	probe_missing	Probe	(excluded)
				reverse_missing	Reverse	
	Acanthamoeba griffini/29195	22	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)
			8	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C8A	Probe	
				C17-, A2-, T1-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C5A, A6G, A15-	Probe	
			3	No Mutations	NA	**Detected**
			39	+1C	Probe	**Detected**
			1	+18C	Probe	**Detected**
			1	C8T	Forward	**Detected**
				+1C	Probe	
			1	+1C, +5N	Probe	Further Analysis
			1	C8-	Forward	**Detected**
				+1C	Probe	
			2	G19A, +1C	Probe	**Detected**
			1	T12A, A13T	Forward	Not Detected
				+1C	Probe	
			1	A6C, +1C	Probe	Further Analysis
			1	T7G, C8T	Forward	**Detected**
				+1C	Probe	
			2	C1-, C2-, C3-, A4-, G5-, A6-	Forward	**Detected**
				+1C	Probe	
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-	Forward	limited coverage (excluded)
				+1C	Probe	
			1	C1-, +7T	Forward	Further Analysis
				A6C, +1C	Probe	
			2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Forward	limited coverage (excluded)
				+1C	Probe	
			1	C1-, C2-, C3-, A4-, G5-, A6-	Forward	Further

			1	A6C, +1C	Probe	Further Analysis
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	Forward	limited coverage (excluded)
			1	G5A, T7A, T12-	Forward	Not Detected
				+1C	Probe	
			2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Forward	limited coverage (excluded)
				+1C	Probe	
			1	C1-, C2-, C3-	Forward	Further Analysis
				A13T, +1C	Probe	
			6	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	Forward	limited coverage (excluded)
				+1C	Probe	
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	Forward	limited coverage (excluded)
				+1C	Probe	
			2	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
				+1C	Probe	
			1	C1-, C2-, C3-, A4-, G5-, A6-, T12A	Forward	Further Analysis
				A13T, +1C	Probe	
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	Forward	limited coverage (excluded)
				+1C	Probe	
	Acanthamoeba lenticulata/29196	124	11	forward_missing	Forward	limited coverage (excluded)
				+1C	Probe	
			9	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C5G, +1C	Probe	
			3	forward_missing	Forward	limited coverage (excluded)
				C1-	Probe	
			1	A6T, C8T, T12A, A13G, T17G	Forward	Not Detected
				A13T, G19T	Probe	
				C17C	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				+9T	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-	Probe	
				forward_missing	Forward	limited

			1			coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	Probe	
			3	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T8-, T7-, A6-, T5-, A4-, A3-, A2-, T1-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T2C	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C4G, A6G, C8A	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T2C, C4G, +6G	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C16T	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	
			8	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
	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	C1T, G3T, A6C	Probe	Not Detected
				+16T	Reverse	
			1	C1T, G3T, A6C, G19C, A21C	Probe	Not Detected
			29	forward_missing	Forward	limited coverage (excluded)
			3	forward_missing	Forward	limited coverage (excluded)
				+11A	Probe	
				forward_missing	Forward	limited

	Acanthamoeba culbertsoni/43142	54	1	+16A	Probe	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				A18G	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				A15-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T23G, G12G, T11G, T8T, T7T, T1-	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
	Acanthamoeba lugdunensis/61605	7	4	No Mutations	NA	**Detected**
			3	forward_missing	Forward	limited coverage (excluded)
	Acanthamoeba astronyxis/65658	17	3	No Mutations	NA	**Detected**
			1	reverse_missing	Reverse	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-	Probe	
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	Forward	limited coverage (excluded)
				reverse_missing	Reverse	
			5	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				G19T	Probe	
				reverse_missing	Reverse	
			2	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, T12A, G19T	Probe	
				reverse_missing	Reverse	
				forward_missing	Forward	limited

			1	probe_missing	Probe	limited coverage (excluded)
				C20T, T11T	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C5G, G19T, C20A	Probe	
				reverse_missing	Reverse	
	Acanthamoeba comandoni/65659	2	1	C25A	Reverse	Not Detected
			1	C8T, C15T	Forward	limited coverage (excluded)
				C8T	Probe	
				reverse_missing	Reverse	
	Acanthamoeba hatchetti/65660	38	12	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	
			20	forward_missing	Forward	limited coverage (excluded)
			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	
	Acanthamoeba healyi/65661	7	2	No Mutations	NA	**Detected**
			1	A6C	Probe	**Detected**
			1	C8A, G9C	Forward	Not Detected
				A6C, A15C	Probe	
			2	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-	Probe	
	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**
	Acanthamoeba tubiashi/65665	2	1	forward_missing	Forward	limited coverage (excluded)
			1			limited

			1	reverse_missing	Reverse	coverage (excluded)
	Acanthamoeba triangularis/146752	21	4	No Mutations	NA	**Detected**
			1	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	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	reverse_missing	Reverse	limited coverage (excluded)
			1	G5A, G9-	Forward	**Detected**
			8	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				A6-, A15-	Probe	
				+17C	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	Probe	
			2	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
	Acanthamoeba mauritaniensis/196912	3	1	No Mutations	NA	**Detected**
			1	C8T, G9T, T10C	Forward	Not Detected
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, T12C	Probe	
	Acanthamoeba terricola/196913	1	1	No Mutations	NA	**Detected**
	Acanthamoeba divionensis/202919	3	1	No Mutations	NA	**Detected**
			1	T2C, +19T	Probe	**Detected**
			1	reverse_missing	Reverse	limited coverage (excluded)
	Acanthamoeba quina/211522	13	7	No Mutations	NA	**Detected**
			2	C1T	Probe	**Detected**
			2	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	
			25	No Mutations	NA	**Detected**

	Acanthamoeba jacobsi/238784	72	1	+8C	Forward	**Detected**
			1	+6A	Forward	**Detected**
			1	T12C, +12C	Forward	Not Detected
			1	C8-	Probe	**Detected**
			1	T7A, C8T	Forward	**Detected**
				T8G	Reverse	
			25	forward_missing	Forward	limited coverage (excluded)
			3	forward_missing	Forward	limited coverage (excluded)
				A6-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T2C	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				G9A	Probe	
			2	forward_missing	Forward	limited coverage (excluded)
				T8G	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C5-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-	Probe	
				T8G	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1T, A6G, C7A, C8A	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				T16C, T22C	Probe	
				A10C	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				A19A, C15T, C14T, G12G, T11G	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, T2-, A6C	Probe	
				A10C	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				A6-	Probe	
				C13-, G12-, T8G	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				A6T, A10C, A15T, +2C, +22C	Probe	
	Acanthamoeba echinulata/306324	1	1	No Mutations	NA	**Detected**

	Acanthamoeba cf. healyi/682864	10	2	No Mutations	NA	**Detected**
			3	forward_missing	Forward	limited coverage (excluded)
			1	A13T	Forward	Not Detected
				A18G, C17T	Reverse	
			1	C1-, C2-, A13T, C15-, G18C	Forward	Not Detected
			1	forward_missing	Forward	limited coverage (excluded)
				A6C, A21-	Probe	
				+11G	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				C1-, A6-, A21-	Probe	
				+11G	Reverse	
			1	C1-, C2-, C3-, A4-, G5-, A6-, T12C, A13G, C14T, G18C	Forward	limited coverage (excluded)
				C4T, A6T, T12-, A13G, A18C, A21T, G24C	Probe	
				reverse_missing	Reverse	
	Acanthamoeba micheli/1675013	1	1	No Mutations	NA	**Detected**
	Acanthamoeba pyriformis/1899168	1	1	C4T, C8T	Probe	Further Analysis
	Acanthamoeba byersi/2506114	10	1	No Mutations	NA	**Detected**
			3	forward_missing	Forward	limited coverage (excluded)
			1	forward_missing	Forward	limited coverage (excluded)
				+9C	Probe	
			1	forward_missing	Forward	limited coverage (excluded)
				reverse_missing	Reverse	
			1	forward_missing	Forward	limited coverage (excluded)
				+9G	Probe	
			3	forward_missing	Forward	limited coverage (excluded)
				probe_missing	Probe	