

Search Details

Job Title/ Assay Name :	Amplicon Sequence: CCCAGATCGTTTACCGTGAAAAAATTAGAGTGTTCAAAGCAGGCA GATCCAATTTTCTGCCACCGAATACATTAGCATGGGATAATGGAA TAGGACCCTGTCCTCCTATTTTCAGTTGGTTTTGGCAGCGCGAGG ACTAGGGTAATGATTAATAGGGATAGTTGGGGGCATTAATATTTA
Effective Date : 2025-07-22	Forward: CCCAGATCGTTTACCGTGAA
Database : core_nt	Reverse: GGATAGTTGGGGGCATTAATATTTA
Alignment algorithm : blastN	Probe: CTGCCACCGAATACATTAGCATGG
Exclusive Organism:	Inclusive Organism: Acanthamoeba
RID: 7YeyJPYZ014	Total Result: 4508

ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	Accessions	Mutation	Oligo	Impact
			1079	No Mutations	NA	Detected
			16	C1-	Forward	Detected
			7	C1-, C2-	Forward	Detected
			1	T17A	Forward	Not Detected
			1	A6G	Reverse	Detected
			1	T17C	Forward	Not Detected
			1	T10G	Forward	Detected
			1	C1G	Probe	Detected
			1	C3A	Forward	Detected
			2	A13C	Forward	Detected
			2	G9T	Forward	Detected
			1	G19A	Probe	Detected
			4	C8T	Forward	Detected
			2	T11G	Reverse	Detected
			1	A3G	Reverse	Detected
			1	A13G	Forward	Detected
			1	T5C	Reverse	Detected
			1	T2A	Probe	Detected
			1	A18T	Reverse	Detected
			2	A10G	Reverse	Detected
			1	G9C	Forward	Detected
			1	C8G	Forward	Detected
			9	C1-, C2-, C3-	Forward	Detected
			1	+18A	Probe	Detected
			5	+6A	Forward	Detected
			1	+8T	Forward	Detected
			2	+5G	Forward	Detected

ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	Accessions	C1-, C2-, C3-, A4- Mutation	Oligo	Impact
			6		Forward	Detected
			2	T1-, A2-, A3-, A4-	Reverse	Detected
			7	C8-	Forward	Detected
			1	T7A	Forward	Detected
			6	T7A, C8T	Forward	Detected
			1	T7C	Forward	Detected
			3	G9C, T10G	Forward	Detected
			6	C1-, C2-, C3-, A4-, G5-	Forward	Detected
			1	G3T, T17G	Probe	Detected
			1	A9C	Reverse	Detected
			2	G19T	Probe	Detected
			2	C17T	Reverse	Detected
			3	C1T	Probe	Detected
			4	G5A	Forward	Detected
			1	G5A, T7A	Forward	Detected
			1	A9G	Reverse	Detected
			1	C24A	Reverse	Not Detected
			1	G23A	Probe	Detected
			1	T1-, A2-, A3-, A4-, T5-	Reverse	Detected
			7	C1-, C2-, C3-, A4-, G5-, A6-	Forward	Detected
			1	C8T, +6A	Forward	Detected
			1	+8T	Reverse	Detected
			1	A18-, G19-	Probe	Detected
			1	C1-, C2-T17C	Forward Probe	Detected
			1	C3A, G9-	Forward	Detected
			1	A6C	Probe	Detected
			1	A4G, A6T, A13C	Forward	Not Detected
			1	+10A	Reverse	Detected
			1	G9-, +5G	Forward	Detected
			1	C1-, C2-, C3-, A4-, G9-	Forward	Detected
			1	A15T	Probe	Detected
			1	T8-	Reverse	Detected
			1	A15-	Probe	Detected
			1	C1G, A6-	Probe	Detected
			1	A10G	Probe	Detected
			1	G9C, A19C, A20C	Forward	Not Detected
			1	A21G	Probe	Detected
			1	+5R	Forward	Detected

ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	Accessions	G5A	Mutation	Forward	Reverse	Impact
	Acanthamoeba/5754	1347	1	C1T, +2T		Probe		Detected
			1	A6G		Probe		Detected
			1	A4G, T12-		Forward		Detected
			1	A6-		Probe		Detected
			1	A18G, G24T A22C		Probe Reverse		Not Detected
			1	C1G, A6G		Probe		Detected
			1	T17A A18G		Forward Reverse		Not Detected
			1	A6T, G19A		Probe		Detected
			1	+8C +17C		Forward Reverse		Detected
			1	G3A		Probe		Detected
			2	T12-		Forward		Detected
			1	T1-		Reverse		Detected
			1	C1-, C2-, C3-, A4-, G5-, T12- +19A		Forward Reverse		Not Detected
			1	G5A T1-, A2-, A3-, A4-, T5-, A6-, T7-		Forward Reverse		Detected
			1	A4T, C8T, T10G, T17C C8A, T22C		Forward Probe		Not Detected
			1	T23C		Reverse		Not Detected
			1	C14G, +6A A18C		Forward Reverse		Detected
			1	G5T T12A T1-, A2-, A3-, A4-		Forward Probe Reverse		Detected
			1	+17AGGAGGG		Forward		Detected
			1	A6C, G12-		Reverse		Detected
			1	C8-, A13C		Forward		Detected
			1	C8-, +13G +2C, +6G +17C		Forward Probe Reverse		Detected
			1	G16C, T17G, G18T		Forward		Not Detected
			1	G9C, T10G, T12C, T17C, +15C +10C		Forward Probe		Not Detected
			1	C1-, C2-, C3-, C8T		Forward		Detected
			1	+8C A6C, +3GC, +17T +10A		Forward Probe Reverse		Detected
			1	T12-		Probe		Detected
			1	C8-		Probe		Detected
			1	A6G, C7G		Probe		Detected
			1	A13T A6C		Forward Probe		Detected
			1	C1-, C2-, C3- T1-, A2-, A3-, A4-, T5-		Forward Reverse		Detected
			1	C1-, C2-, A13G C1T, G9-		Forward Probe		Not Detected

ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	1 Accessions	G5-, C14G, C15G Mutation	Forward	Not Detected
			2	T10A, T12A, C14A, C15A	Forward	Not Detected
			4	+17C	Reverse	Detected
			1	C16-, C17-	Reverse	Not Detected
			1	C8A	Forward	Detected
			1	+22A	Reverse	Detected
			1	C1-, C2-, T7C	Forward	Detected
			1	T7-, C8-	Forward	Detected
			1	C1-, C2-, G5T G19A	Forward Probe	Detected
			1	+23T	Reverse	Detected
			1	C1-, C2-, C3-, A4-, T11C T1-, A2-	Forward Reverse	Not Detected
			1	A6- A6T, +17C	Probe Reverse	Detected
			54	+1C	Probe	Detected
			2	C1- +1C	Forward Probe	Detected
			1	C1- A4C, A19T	Forward Reverse	Detected
			2	A6-, T22- A18-, A19-	Probe Reverse	Detected
			1	A11-	Probe	Detected
			1	T12- +1C	Forward Probe	Detected
			1	+1C T1-, A2-, A3-, A4-, T5-	Probe Reverse	Detected
			1	T7A, C8T, G9C, +15T, +18T +2T, +15A +12A, C20A	Forward Probe Reverse	Detected
			1	C1-, C2-, C3-, A4-, G5- T1-, A2-, A3-, A4-, T5-, A6-	Forward Reverse	Detected
			1	T16- A10-	Probe Reverse	Detected
			1	T12- +1C T1-, A2-, A3-, A4-, T5-, A6-, T7-	Forward Probe Reverse	Detected
			1	T10A, C15T, A20G, +6G C4G, A6T A10G, A19G	Forward Probe Reverse	Not Detected
			1	G5T, G18A A6C, G9A, C14T, A15T, G19A, C20T, A21G G12A, C20A	Forward Probe Reverse	Not Detected
			1	T12G, C15A, G16A, T17A T17G, T22A A18G	Forward Probe Reverse	Not Detected
			1	C1-, C2-, C3-, A4-, A19C, A20C A3C, A10G, C16-, C17-, A18-	Forward Reverse	Not Detected
			1	A6T, C8T, G18A G3C, A10C, T16C A18C, A19C	Forward Probe Reverse	Not Detected
			1	C1-, C2-, C3-, A4-, G5-, +13T, +19TT +3G, +19T T1-, A2-	Forward Probe Reverse	Detected
			1	C1-, G5C, C8G, A13T	Forward	Not Detected

Assay Target	Species/Tax-ID Detected	# No. of Accessions	1 Accessions	Mutation	Primer	Impact
				C1-, T2-, A6-, T17-, T22- A19-	Probe Reverse	Not Detected
			1	G5T, G9T A6C, G9A, C14T, A15T, G19A, C20T, A21G T11A, G12A, C20A, C24A	Forward Probe Reverse	Not Detected
			1	C1-, G3C, T16-, T17- A19-	Probe Reverse	Not Detected
			1	T17- G3C, A6-, C7-, A13G, T22G, G24- A19-	Forward Probe Reverse	Not Detected
			48	No Mutations	NA	Detected
			1	C1-, C2-	Forward	Detected
			1	C8T	Forward	Detected
			1	G5A	Forward	Detected
			1	C1T	Probe	Detected
			3	+6A	Forward	Detected
			1	T7A, C8T	Forward	Detected
			1	C1-, C2-, C3-, A4-, G5-	Forward	Detected
			1	C1T A10G	Probe Reverse	Detected
			1	A13-	Probe	Detected
			1	+17C	Reverse	Detected
			1	C1-, C2-, C3- A13C	Forward Probe	Detected
			1	G18A G3C, A6C, C14T T1-, T8A, A18C, A19C, T21C	Forward Probe Reverse	Not Detected
			26	No Mutations	NA	Detected
			1	C1-, T7A	Forward	Detected
			1	G9C, T10G, +13AC	Forward	Detected
			1	T11A, T12A	Forward	Not Detected
			6	No Mutations	NA	Detected
			6	No Mutations	NA	Detected
			1	+17C	Reverse	Detected
			1	C1-, C2- C4-, C5-	Forward Probe	Detected

ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	Accessions	Mutation	Oligo	Impact
	Acanthamoeba lenticulata/29196	59	3	No Mutations	NA	Detected
			40	+1C	Probe	Detected
			1	+18C	Probe	Detected
			1	C8T +1C	Forward Probe	Detected
			1	+1C, +5N	Probe	Detected
			1	C8- +1C	Forward Probe	Detected
			2	G19A, +1C	Probe	Detected
			1	A6C, +1C	Probe	Detected
			1	T7G, C8T +1C	Forward Probe	Detected
			1	T12A, A13T +1C	Forward Probe	Not Detected
			2	C1-, C2-, C3-, A4-, G5-, A6- +1C	Forward Probe	Detected
			1	C1-, +7T A6C, +1C	Forward Probe	Detected
			1	C1-, C2-, C3-, A4-, G5-, A6- A6C, +1C	Forward Probe	Detected
			1	G5A, T7A, T12- +1C	Forward Probe	Not Detected
			1	C1-, C2-, C3- A13T, +1C	Forward Probe	Detected
			1	C1-, C2-, C3-, A4-, G5-, A6-, T12A A13T, +1C	Forward Probe	Not Detected
	Acanthamoeba rhysodes/32599	4	3	No Mutations	NA	Detected
			1	C1-, C2-, C3-, A4-	Forward	Detected
	Acanthamoeba royreba/32600	2	2	No Mutations	NA	Detected
	Acanthamoeba culbertsoni/43142	14	11	No Mutations	NA	Detected
			1	C1-, C2-, C3-, C8T	Forward	Detected
			1	C1T, G3T, A6C +16A	Probe Reverse	Not Detected
			1	C1T, G3T, A6C, G19C, A21C	Probe	Not Detected
	Acanthamoeba lugdunensis/61605	4	4	No Mutations	NA	Detected
	Acanthamoeba astronyxis/65658	1	1	No Mutations	NA	Detected
	Acanthamoeba comandoni/65659	1	1	C25T	Reverse	Not Detected
	Acanthamoeba hatchetti/65660	15	14	No Mutations	NA	Detected
			1	C4T	Probe	Detected
	Acanthamoeba healyi/65661	4	2	No Mutations	NA	Detected
			1	A6C	Probe	Detected
			1	C8A, G9C A6C, A15C	Forward Probe	Not Detected
	Acanthamoeba pearcei/65662	1	1	No Mutations	NA	Detected

ASSAY TARGET	SPECIES/TAX-ID DETECTED	# No. of Accessions	Accessions	Mutation	Oligo	Impact
	Acanthamoeba pustulosa/65663	1	1	No Mutations	NA	Detected
	Acanthamoeba stevensoni/65664	2	2	No Mutations	NA	Detected
	Acanthamoeba triangularis/146752	5	4	No Mutations	NA	Detected
			1	G5A, G9-	Forward	Detected
	Acanthamoeba mauritaniensis/196912	2	1	No Mutations	NA	Detected
			1	C8T, G9T, T10C	Forward	Detected
	Acanthamoeba terricola/196913	1	1	No Mutations	NA	Detected
	Acanthamoeba divionensis/202919	2	1	No Mutations	NA	Detected
			1	T2C, +19T	Probe	Detected
	Acanthamoeba quina/211522	9	7	No Mutations	NA	Detected
			2	C1T	Probe	Detected
	Acanthamoeba jacobsi/238784	31	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 T8C	Forward Reverse	Detected
	Acanthamoeba echinulata/306324	1	1	No Mutations	NA	Detected
	Acanthamoeba cf. healyi/682864	2	2	No Mutations	NA	Detected
	Acanthamoeba micheli/1675013	1	1	No Mutations	NA	Detected
	Acanthamoeba pyriformis/1899168	1	1	C4T, C8T	Probe	Detected