

Search Details

Job Title/ Assay Name : parapsilosis(in)	Amplicon Sequence: GCCTGTTTGAGCGTCATTTCTCCCTCAAACCCCCGGGTTTGGTGTT GAGCAATACGCTAGGTTTGTGTTGAAAGAATTTAACGTGGAAACTTA TTTTAAGCGACTTAGGTTTATCCAAAAACGCTTATTTTGCTAGTGGC CACCACAATTTATTTTCATAACTTTGACCTCCAATCAGGTAGGACTAC CCGCTGAACTTAAGCATATCAATAAGCGGAGG
Effective Date : 2025-10-09	Forward: GCCTGTTTGAGCGTCRTTTC
Database : core_nt	Reverse: CCTCCGCTTATTGATATGCTTA
Alignment algorithm : blastN	Probe: TGCTAGTGGCCACCACAATTTATTTC
Exclusive Organism:	Inclusive Organism: Candida parapsilosis (5480)
RID: EF5PM7RU015	Total Result: 1946
App Version: 1.0	

#Accessions	#Accession Details	Oligo	Mutation	Impact
Candida parapsilosis/5480 Analyzed Accessions: 1232				
553	553	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
2	MN826506 MW080686	Forward	A16G	Not Detected
		Probe	T1C, C3G, G6A, T7C, G9T, A17G, A18-, T20A, +23C	
1	LC643454	Probe	G6A, G8A, G9A, C10G, A12T, C16A, A17T, A18C, T20A, +3T, +7AA	Not Detected
2	PX107604 LC389814	Probe	G2A, T4A, G6-, T7-, G8-, G9-, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
1	LC389747	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, T23C, A27-	Not Detected
2	PX096482 JX463249	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C	Not Detected
1	EF543645	Probe	C3G, G6-, T7C, G8A, G9A, C10T, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
8	PX096533 PX096499 PX096539 PX096531 PX096544 PX096527 PX096534 PX096487	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22-, T23C, A27C	Not Detected
2	OM756733 KJ451697	Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12C, C14A, C16A, T19C, A22C, T25C, A27-	Not Detected
1	LC390086	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22T, T23C, A27-	Not Detected
5	PX096540 PX096526 PX096545 PX096548 PX096511	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19A, T20C, A22T, T23C, A27C	Not Detected

#Accessions	#Accession Details	Oligo	Mutation	Impact
6	KU950722 KY657567 OK303414 MN747310 KT191105 MN747311	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-	
1	MW703702	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22-, A27C	Not Detected
		Reverse	+9T	
35	35	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-	
1	KM115143	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25-, C26-, A27-	Not Detected
4	PP494242 PX096513 PX096543 PX096524	Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12C, C16A, T19C, A22-, T23C, A27C	Not Detected
14	OL687495 EU871509 LC389122 OW985494 OW986219 LC389810 KP783504 LC389139 OW983289 OK303405 OK317693 MW709969 LC389787 OW984120	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-	
5	JN989535 EU564204 MZ020644 JN989522 KC777378	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T11A	
8	LC389996 LC389120 LC389985 MT814290 OM523857 OM523858 LC390067 LC389984	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T8C	
3	AB109223 PP733852 KJ706418	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T3C	
1	PP844419	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7A	
1	FJ662415	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, T20A, A22C, T25C, A27-	Not Detected
3	ON181974 MZ769005 MN747315	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7T	

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3	KM113867 KU052789 PP977577	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	G6C	
2	MW819639 OM523851	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7G	
1	PV536168	Forward	A16G	Not Detected
		Probe	T1C, C3G, G6A, T7C, G9T, A17G, A18-, T20A, +23C	
		Reverse	+7C	
2	MW703694 OR287171	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	A10T	
26	26	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-	
1	OM523863	Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7G, T8C	
26	26	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+7C	
25	25	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6G	
1	LC389146	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-	
1	EU484061	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6N	
4	OP895150 KX652405 MK267727 GQ280288	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6T	
5	KP131782 KP131764 KP674489 JN989536 KJ734198	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+9T	
2	AB109224 AB109231	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+5N	
3	JN989524 JN989516 JN989532	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+10A	

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4	LC390139 LC389118 KP674743 LC390144	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6A	
15	LC389788 KP131755 LC389153 LC389151 LC389784 LC389143 LC389132 LC389125 LC389802 LC389743 LC389792 LC389778 LC389756 LC389152 OR784798	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-	
1	FR774537	Forward	G1-, C2-, C3-, T4-	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
1	LC390156	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, T21-, A22-, T23C, A27-	Not Detected
5	LC390062 LC389954 LC389972 KM113926 OM523853	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T9-	
3	KM113884 KM113880 KM113895	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	G6-	
3	KT067766 OQ184042 PV130509	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6G C	
1	MF767641	Forward	A16G	Not Detected
		Probe	T1-, C3G, G6C, T7A, G8A, G9A, C11T, A12-, C16A, T19C, A22C, T25-	
1	MG599213	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, +9T	
1	GQ280301	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+5C G	
14	KM113855 KM113854 MH782231 PQ533515 PQ579417 OL639156 MF767651 MF767646 MF767645 PQ530944 MF767668 MW895352	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T21-, A22-, T23C, A27-	Not Detected

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	MF767657 MN807052			
1	OR091288	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T12-	
1	MT731467	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T24-, T25-, C26-, A27C	Not Detected
1	KP675355	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	A10-	
1	MT729884	Forward	T14C	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
9	OL774548 MH299862 MK392005 MW819637 KP674744 KM113857 KM113990 KM113890 AB109235	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7G, T8C	
1	JN989526	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T11A, A22T	
1	OM959548	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	A10T, T11A	
1	LC390097	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7A, T8C	
1	KJ706736	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C	Not Detected
		Reverse	A10T	
3	PV363933 OM237275 PV363932	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T8C, A10T	
2	LC390068 KM113862	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7T, T8C	
1	LC389739	Probe	C3G, G6C, T7A, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-	
1	LC389765	Probe	C3G, G6-, T7C, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-	
4	MT815460 JQ993383 LC389986 AB109288	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, T8C	

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1	MN450875	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, T9-	
3	OM959620 OM959541 OM959655	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, A10T	
16	16	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-	
2	PX096509 PX096507	Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12C, C16A, T19C, A22C, T25C, A27-	Not Detected
1	KP131759	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, G6C	
1	MN450869	Forward	T8-	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
		Reverse	C1-	
1	MG599241	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, T11A	
1	KY075668	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, +7C	
1	KY075670	Probe	T1G, C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6G	
1	PQ248795	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6N, T8C	
1	KP131758	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	A10T, +12T	
1	OM523859	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7G, +7G	
1	OM523862	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7G, +7A	
1	LC389119	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	G6A, T9-	
37	37	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-	

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1	KC182053	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-	
2	AB109286 AB109282	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T3C, T9-	
1	PV363916	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T8C, A10T	
1	AB109292	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T3C, C7G, T8C	
7	AB109233 AB109290 AB109229 AB109291 AB109230 AB109234 KM113868	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, T9-	
1	KP674827	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	G6C, C7G, A10T	
5	PQ206277 OP618190 PQ206278 KP674736 KP674519	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, A10-	
3	KP674908 MH166866 KP674969	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7G, T8C, A10T	
1	LC389738	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22T, T23C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-	
1	KU961981	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, C19G	
1	KP674652	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C7A, T8C, A10T	
1	EF195357	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, T12-	
43	43	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-	
3	MF462176 MK503153 KP675363	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, T8C, A10T	

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5	OP618179 OP618188 OP618187 OP618193 MT153735	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6G, T12-	
1	PV074065	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C7G, A10T	
1	OM681576	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+5S, T8C, A10T	
1	JX463245	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T20C	
20	20	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-	
1	OM681577	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, A10T	
3	MW709971 KP675635 KP675616	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6G, T8C, A10T	
1	MN078122	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	Not Detected
10	EF193066 KP674607 MT729857 MF380666 EF198017 LC790897 MT729856 OP618194 MK392002 MT729855	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6G G, A10-	
2	KP674651 KP675285	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+5C G, A10-	
2	PV870148 PP195927	Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-	
1	OP618189	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+5C G, T12-	
1	AB109284	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T3C, A10-, T11-	
8	JN989527 JN989519 JN989525 JN989517	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T11A	

#Accessions	#Accession Details	Oligo	Mutation	Impact
	JN989537 KX652403 MH445556 JN989533			
1	PP033709	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T3C, T8C, A10-	
1	PV363915	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, A10T	
1	EF192217	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, T8C, A10C, +12T	
1	OQ876043	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, T12-	
6	KC422431 OR507588 KP675663 KP204942 KU961982 KP674958	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, A10-	
1	EF191046	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	T3C, G6C, A10-	
1	KP131779	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	+6G, A10T, +11A	
1	KJ451700	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T9C, T11C, T12C	
66	66	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-	
1	MT729838	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, G6C, T12-	
1	LC389147	Probe	G2A, T4A, G6-, T7-, G8-, G9-, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-	
5	OM959604 PQ796639 EF187252 OM959551 PV363934	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, T12-	
1	KC254004	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T21-, A22-, T23C, A27-	Not Detected
		Reverse	+6G	
1	OP603449	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected

#Accessions	#Accession Details	Oligo	Mutation	Impact
		Reverse	C1-, C2-, T3-, G6C, A10T, T11A	
58	58	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-	
1	MW710254	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T21-, A22-, T23C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-	
1	OM523860	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	G6T	
1	OQ713711	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-	
1	MW132094	Forward	C3G, A16G	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
		Reverse	T20C	
1	KY075672	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22-, T23C, T25C	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-	
1	MF510442	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	G13C, T15G, T17G, T21G	
1	KY102311	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, T21-, A22-, T24C, A27C	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-	
2	MT876148 MT876137	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, G13T	
1	MT729885	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C4G, C7G, T11C, T17A, C19G	
1	OK090870	Probe	T1-, G2-, C3G, T4G, G6A, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, G6C, A10T, A14C	
1	EU564209	Forward	C20-	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	
1	JX463259	Probe	T1G, C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
1	KC182136	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, +6G, C19G, T21A	
1	EU258672	Forward	T8-	Not Detected
		Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12-, C16A, A18C, T19A, A22C, T25C	

#Accessions	#Accession Details	Oligo	Mutation	Impact
1	MW132093	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T21-, A22-, T23C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-	
1	AB109281	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16-, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, T9-	
1	KY560331	Forward	A16T	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-	
1	OR784800	Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12C, C14A, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-	
1	KP131768	Probe	C3G, G6-, T7-, G8-, G9-, C11A, C13A, A15T, A17C, T19A, T20A, T21A, A22C, T24C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-	
1	KU745529	Forward	G11-	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T20-, T21-, A22-, T24C, A27-	
		Reverse	C1-, C2-, T3-	
1	MW703799	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22-, T23C, T25C	Not Detected
		Reverse	T12G, A16C, T17C, T20G	
1	OR243746	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, C19G, T20G	
1	AB109277	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-	
1	KY102314	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16-, T19C, T20C, A22C, T23C, A27C	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-	
1	EU871507	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-	
1	MK886556	Forward	T19G	Not Detected
		Probe	G2C, A5T, T7G, G9A, C16A, T19C, A22C, T25C, A27-, +12ACT	
		Reverse	C7T	
2	MT322428 MT322429	Forward	T8C	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
		Reverse	A10G, T11A, T21G	
1	KY075671	Probe	G2A, T4A, G6-, T7-, G8-, G9-, C10-, C11-, C14T, T19A, T20A, T21C, A22T, T24C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-	

#Accessions	#Accession Details	Oligo	Mutation	Impact
2	KM065472 KY685084	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-	
1	MH748620	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-	
1	JN942629	Probe	T1-, G2-, C3G, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C	Not Detected
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-	
10	PP800201 PP800203 MT322430 PP800202 PP800204 PP800206 PP800205 MT605316 MT605317 MT605315	Forward	T8C	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
		Reverse	C1-, C2-, T8G, A10G, T11A, T21G	
1	MF767671	Probe	T1-, C3G, G6C, T7A, G8A, G9A, C11T, A12-, C16A, T19C, A22C, T25-	Not Detected
1	MT729948	Forward	G11C, T14C, A16G	Not Detected
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-	
1	MF767639	Probe	T1-, C3G, G6C, T7A, G8A, G9A, C11T, A12-, C16A, T19C, A22C, T25C	Not Detected
1	JX406279	Forward	G9C, C12A, C15G	Not Detected
		Probe	G2A, T4A, G6-, T7-, G8-, G9-, C10A, A12T, C16-, T19A, T20C, T23C, A27-	
		Reverse	T11A	
1	MZ566838	Forward	G11C	Not Detected
		Probe	G6-, T7C, G9C, C10T, A12T, A15G, T19C, A22C, T25C	
		Reverse	C1-, C2-, A16G, T17G, G18T, C19A, T20G	
1	MT814294	Forward	T6G, T14G	Not Detected
		Probe	T1-, G2-, C3-, T4-, A5-, T7G, G9A, C13A, A15T, T19C, A22C, T23C, T25C, +16CCA	
		Reverse	T8C, T11A, +14A	
2	PP195928 PP204164	Probe	C3G, G6C, T7A, G8A, G9A, C11T, A12T, C16A, T19C, A22C, T25C, A27-	limited coverage (excluded)
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-	
1	KY106657	Forward	G1-, C2-, C3-, T4-, G5-, T6-, T7-, T8-, G9-, A10-, G11-	limited coverage (excluded)
		Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	
56	56	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27-	limited coverage (excluded)
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-	

#Accessions	#Accession Details	Oligo	Mutation	Impact
11	OL334739 PV739597 PP858936 PP858935 MH782053 PV384124 PQ570470 OR199906 PP218380 MT378269 MW940754	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-	limited coverage (excluded)
1	PP204162	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-	limited coverage (excluded)
22	22	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-, A14-	limited coverage (excluded)
19	19	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-, A14-, T15-	limited coverage (excluded)
1	LC713269	Forward Probe Reverse	A16G T1C, C3G, G6A, T7C, G9T, A17-, A18G, T20A, +23C Reverse Missing	limited coverage (excluded)
1	KC556814	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-, A22G	limited coverage (excluded)
7	PV416740 PV053617 KP131791 KT191118 PP229797 KU987850 KY560336	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-, A14-, T15-, A16-	limited coverage (excluded)
1	KP131770	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, T21-, A22-, T23C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-	limited coverage (excluded)
41	41	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, A22C, T25C, A27- Reverse Missing	limited coverage (excluded)
1	MW181235	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T21-, A22-, T23C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-	limited coverage (excluded)
2	PQ345548 MW197694	Probe Reverse	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T21-, A22-, T23C, A27- Reverse Missing	limited coverage (excluded)
1	KC858280	Probe Reverse	G2A, T4A, G6-, T7-, G8-, G9-, C10A, A12T, C16A, T19C, A22C, T25C, A27- C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-, A14-	limited coverage (excluded)
432	432	Probe Reverse	Probe Missing Reverse Missing	limited coverage (excluded)

#Accessions	#Accession Details	Oligo	Mutation	Impact
1	FJ545243	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	limited coverage (excluded)
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-	
2	KP131765 KP131776	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, T19C, T21-, A22-, T23C, A27-	limited coverage (excluded)
		Reverse	Reverse Missing	
1	OP618204	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C14A, C16A, T19C, A22C, T25C, A27-	limited coverage (excluded)
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-, A14-, T15-	
2	PV870146 MN888780	Probe	T1-, C3G, G6C, T7A, G8A, G9A, C11T, A12-, C16A, T19C, A22C, T25C	limited coverage (excluded)
		Reverse	Reverse Missing	
1	PX107548	Probe	C3G, G6-, T7C, G8A, G9A, C10A, A12T, C16A, A18C, T19A, A22C, T25C, A27-	limited coverage (excluded)
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-, G13-, A14-	
1	MN749538	Forward	G1-	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	MN365727	Forward	G9T	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	KY611781	Forward	+16A	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	OK090877	Forward	A16G	limited coverage (excluded)
		Probe	T1C, C3G, T7C, G9T, C11T, A17-, A18G, T20A, +23C	
		Reverse	Reverse Missing	
2	LN890938 MH844406	Forward	Forward Missing	limited coverage (excluded)
		Probe	T1-, C3G, G6C, T7A, G8A, G9A, C11T, A12-, C16A, T19C, A22C, T25C	
1	KY106655	Forward	Forward Missing	limited coverage (excluded)
		Probe	T1-, C3G, G6C, T7A, G8A, G9A, C11T, A12-, C16A, T19C, A22C, T25C	
		Reverse	+6G	
1	MZ882284	Forward	A16G	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	MK886565	Forward	T8C	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
32	32	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	

#Accessions	#Accession Details	Oligo	Mutation	Impact
4	KY106664 KY106666 KY106662 KY106649	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	+6G	
1	MN309729	Forward	G11A, C12A	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	LC317526	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-	
1	AY207079	Forward	G1-, C2-, C3-, T4-, G5-, T6-, T7-, T8-, G9-, A10-, G11-, C12-, G13-, T14-, C15-, A16-, T17-, T18-, T19-	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	KT876508	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	C1-, C2-, T3-, C4-	
1	KM115147	Forward	G9A, T14G, C15G	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	MN450870	Forward	T7C, C12A, T18C	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	MW732659	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-, T9-, A10-, T11-, T12-	
1	LC534405	Forward	C15T	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	OM523864	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	C7G, T11A, C19T	
1	OK605288	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	+4T, T15C	
1	PV240541	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	C1-, C2-, T3-, C4-, C5-, G6-, C7-, T8-	

#Accessions	#Accession Details	Oligo	Mutation	Impact
1	MZ203560	Forward	G9A	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
1	MN365726	Forward	G1-, C2-, G11C	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
48	48	Forward	Forward Missing	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	
2	OR507647 XR_005013741	Forward	C20-	limited coverage (excluded)
		Probe	Probe Missing	
		Reverse	Reverse Missing	