

Search Details

Job Title/ Assay Name : acan5754incl_FRP_1103hrs	Amplicon Sequence: CCCAGATCGTTTACCGTGAAAAAATTAGAGTGTTCAAAGCAGGCAG ATCCAATTTTCTGCCACCGAATACATTAGCATGGGATAATGGAATAG GACCCTGTCCTCCTATTTTCAGTTGGTTTTGGCAGCGCGAGGACTA GGGTAATGATTAATAGGGATAGTTGGGGGCATTAATATTTA
Effective Date : 2025-10-14	Forward: CCCAGATCGTTTACCGTGAA
Database : core_nt	Reverse: TAAATATTAATGCCCCCAACTATCC
Alignment algorithm : blastN	Probe: CTGCCACCGAATACATTAGCATGG
Exclusive Organism:	Inclusive Organism: Acanthamoeba (5754)
RID: EVS6X4VU014	Total Result: 4569
App Version: 1.0	

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
1118	1118	NA		No Mutations	Detected	5
16	16	Forward		C1-	Detected	4.78
7	KT735331 OP164627 KU065131 KT934546 PQ431526 OP164616 PV567163	Forward		C1-, C2-	Detected	4.78
1	JQ418505	Probe		C1G	Detected	4.78
1	JQ678624	Forward		T10G	Detected	4.78
4	PV567162 LC598796 LC598505 KU884884	Forward		C8T	Detected	4.78
1	LC604810	Forward		C3A	Detected	4.78
2	AF019054 KC210134	Reverse		T11G	Detected	4.78
2	JQ678607 LC598382	Forward		A13C	Detected	4.56
1	EU168079	Forward		C8G	Detected	4.78
1	PP835533	Forward		G9C	Detected	4.78
1	EU683884	Reverse		A6G	Detected	4.78
1	GU586224	Probe		T2A	Detected	4.78
1	AY694139	Reverse		T5C	Detected	4.78
1	MT919356	Reverse		A18T	Detected	4.34
1	LC598503	Forward		A13G	Detected	4.56

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
2	PQ031363 LC604809	Forward	G9T	Detected	4.78
1	PV567165	Reverse	A3G	Detected	4.78
1	MK390854	Probe	G19A	Detected	4.78
2	MK390855 JX423605	Reverse	A10G	Detected	4.78
10	EF050504 MK726098 MZ413910 PQ431538 MZ413914 OR243669 KT934531 MZ413913 MZ413908 MZ413906	Forward	C1-, C2-, C3-	Detected	4.78
5	LC598955 JQ418503 LC598797 KP233870 MW181634	Forward	+6A	Detected	4.78
1	EF378673	Probe	+18A	Detected	4.78
2	PV567168 PV567161	Forward	+5G	Detected	4.78
1	JQ418501	Forward	+8T	Detected	4.78
6	PQ431536 PV810290 HM043808 EF050501 JX683392 MZ413903	Forward	C1-, C2-, C3-, A4-	Detected	4.78
2	MG298787 MG298792	Reverse	T1-, A2-, A3-, A4-	Detected	4.78
7	KM189419 MF944087 KP863883 KP863874 KM189427 LC598506 MW181640	Forward	C8-	Detected	4.78
2	JX441875 KM189380	Forward	T7A	Detected	4.78
2	MZ272077 PQ640068	Probe	G19T	Detected	4.78
3	KP233865 PQ031356 KP233866	Probe	C1T	Detected	4.78
1	LC598508	Forward	T7C	Detected	4.78
6	MG917708 JQ418507 LC598954 LC598792	Forward	T7A, C8T	Detected	4.78

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
	EF050479 MH024491				
2	GU808300 MZ686713	Reverse	C17T	Detected	4.34
6	MZ401152 MZ413902 MZ413907 MT919365 HQ236525 MZ413915	Forward	C1-, C2-, C3-, A4-, G5-	Detected	4.78
4	MW274673 JX423590 PQ031364 MW274671	Forward	G5A	Detected	4.78
1	MG298791	Reverse	T1-, A2-, A3-, A4-, T5-	Detected	4.78
3	JQ678625 JQ678626 JQ678627	Forward	G9C, T10G	Detected	4.78
1	GU808290	Reverse	A9G	Detected	4.78
1	KC164224	Probe	G3T, T17G	Detected	4.78
1	LC598504	Forward	G5A, T7A	Detected	4.78
1	KM220722	Reverse	A9C	Detected	4.78
1	EF140629	Probe	G23A	Detected	4.78
1	MW274668	Reverse	+8T	Detected	4.78
1	PV567159	Forward	C8T, +6A	Detected	4.78
7	KM099394 PP835526 AB525824 KT892897 FJ042643 JX441878 HQ236521	Forward	C1-, C2-, C3-, A4-, G5-, A6-	Detected	4.78
1	MH938697	Probe	A18-, G19-	Detected	4.67
1	GU808295	Forward	C1-, C2-	Detected	4.78
		Probe	T17C		
19	19	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-	Detected	4.78
1	HM048982	Forward	C3A, G9-	Detected	4.78
1	HG797014	Probe	A6C	Detected	4.78
1	MW181631	Forward	G9-, +5G	Detected	4.78
23	23	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Detected	4.78
1	AF352388	Reverse	+10A	Detected	4.78
1	MN071405	Forward	C1-, C2-, C3-, A4-, G9-	Detected	4.78
1	KY038362	Probe	A15T	Detected	4.67
1	AF005997	Reverse	T8-	Detected	4.78
22	22	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Detected	4.78

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1	AF316546	Probe	A15-	Detected	4.67
1	AF366580	Probe	A10G	Detected	4.67
1	MZ318345	Probe	C1G, A6-	Detected	4.67
1	MZ272170	Probe	A21G	Detected	4.78
32	32	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.78
1	AY148964	Forward	G5A	Detected	4.67
		Probe	C1T, +2T		
1	KU885380	Forward	+5R	Detected	4.78
1	JQ678611	Forward	A4G, T12-	Detected	4.56
2	AF352389 KC822470	Probe	A6G	Detected	4.78
1	HG797016	Probe	A6-	Detected	4.78
1	PP097694	Probe	A6T, G19A	Detected	4.78
1	MW181632	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.78
		Probe	C1T		
1	EF050508	Probe	C1G, A6G	Detected	4.67
1	MT919376	Forward	+8C	Detected	4.56
		Reverse	+17C		
1	MZ318352	Probe	G3A	Detected	4.78
1	PP564836	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Detected	4.78
		Probe	A6G		
2	MH024482 MZ686716	Forward	T12-	Detected	4.56
1	PV959943	Probe	+11A	Detected	4.67
1	PP564835	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Detected	4.78
		Probe	A6T		
1	PV567160	Reverse	T1-	Detected	4.78
1	MW274674	Forward	G5A	Detected	4.78
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-		
1	PP339673	Forward	G5T	Detected	4.67
		Probe	T12A		
		Reverse	T1-, A2-, A3-, A4-		
1	MN071402	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-	Detected	4.34
		Probe	+17A		
		Reverse	+19A		
1	MN071401	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Detected	4.34
		Reverse	+19A		
1	MN071413	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.67

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		Probe	+15T			
1	LC598500	Forward	C8-, A13C		Detected	4.56
1	PQ031354	Reverse	A6C, G12-		Detected	4.78
1	JQ418495	Forward	C1-, C2-, C3-, C8T		Detected	4.78
1	MZ272074	Probe	T12-		Detected	4.67
1	MZ272095	Probe	C8-		Detected	4.78
1	PQ249282	Probe	A6G, C7G		Detected	4.67
1	GU575126	Forward	A13T		Detected	4.56
		Probe	A6C			
1	MH092262	Forward	C1-, C2-, C3-		Detected	4.78
		Reverse	T1-, A2-, A3-, A4-, T5-			
4	KT985968 KT985976 EU934051 AF239302	Reverse	+17C		Detected	4.34
1	DQ451163	Forward	C8A		Detected	4.78
1	KM189390	Forward	C1-, C2-, T7C		Detected	4.78
1	MH092266	Forward	T7-, C8-		Detected	4.78
1	EF378669	Forward	C1-, C2-, G5T		Detected	4.78
		Probe	G19A			
1	MH092246	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-		Detected	4.78
		Reverse	T1-			
1	FJ807647	Probe	A6-		Detected	4.56
		Reverse	A6T, +17C			
1	MN071408	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-		Detected	4.56
		Reverse	C13T, C14A			
1	MG066681	Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-		Detected	4.78
54	54	Probe	+1C		Detected	4.78
2	MF537199 MF537200	Forward	C1-		Detected	4.78
		Probe	+1C			
1	MH092253	Forward	C1-		Detected	4.34
		Reverse	A4C, A19T			
2	MT944207 MT944206	Probe	A6-, T22-		Detected	4.34
		Reverse	A18-, A19-			
1	AY102615	Probe	A11-		Detected	4.67
1	JQ678613	Forward	T12-		Detected	4.56
		Probe	+1C			
1	MG298789	Probe	+1C		Detected	4.78

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
		Reverse	T1-, A2-, A3-, A4-, T5-			
1	KM189405	Forward	C1-		Detected	4.78
		Probe	C1T			
		Reverse	T1-, T11G			
5	KJ652982 KJ652986 AB525821 KT897268 KJ652983	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-		Detected	4.78
		Probe	+1C			
7	KJ652984 MW689486 MW689477 MW689496 ON600794 ON600791 KJ652990	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-		Detected	4.78
		Probe	+1C			
1	HM048981	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-		Detected	4.78
		Probe	+1C			
1	KM189429	Forward	G5A		Detected	4.78
		Reverse	T1-			
1	MG298793	Forward	C1-, C2-, C3-, A4-, G5-		Detected	4.78
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-			
1	MT944203	Probe	T16-		Detected	4.67
		Reverse	A10-			
1	MG298790	Forward	T12-		Detected	4.56
		Probe	+1C			
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-			
1	JF325884	Reverse	T1-, A2-		Detected	4.78
1	GU808327	Forward	T17C		Not Detected	0.50
1	AF349045	Forward	T17A		Not Detected	0.50
1	EF050486	Reverse	C24A		Not Detected	0.50
1	JQ418502	Forward	A4G, A6T, A13C		Not Detected	1.67
1	PQ031365	Forward	G9C, A19C, A20C		Not Detected	0.89
1	OP164622	Forward	T17A		Not Detected	0.50
		Reverse	A18G			
1	KM220712	Probe	A18G, G24T		Not Detected	0.50
		Reverse	A22C			
1	KU872065	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T17G		Not Detected	0.50
1	OR685534	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, C15G		Not Detected	1.67
		Probe	C8T			
1	MN071407	Forward	C1-, C2-, C3-, A4-, G5-, T12-		Not Detected	1.67

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		Reverse	+19A		
1	EF050493	Forward	A4T, C8T, T10G, T17C	Not Detected	0.50
		Probe	C8A, T22C		
1	MK390876	Reverse	T23C	Not Detected	0.50
1	PV567185	Forward	C14G, +6A	Not Detected	1.67
		Reverse	A18C		
1	PV603452	Forward	+17AGGAGGG	Not Detected	0.50
1	JQ678612	Forward	C8-, +13G	Not Detected	2.55
		Probe	+2C, +6G		
		Reverse	+17C		
1	MH024476	Forward	G16C, T17G, G18T	Not Detected	0.50
1	JQ678608	Forward	G9C, T10G, T12C, T17C, +15C	Not Detected	0.50
		Probe	+10C		
1	HG797021	Forward	+8C	Not Detected	1.83
		Probe	A6C, +3GC, +17T		
		Reverse	+10A		
1	AB594479	Forward	C1-, C2-, A13G	Not Detected	2.17
		Probe	C1T, G9-		
1	MK192686	Forward	G5-, C14G, C15G	Not Detected	0.83
1	MH092264	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, A20C	Not Detected	0.50
2	KP728282 KP728281	Forward	T10A, T12A, C14A, C15A	Not Detected	0.83
1	MH092260	Reverse	C16-, C17-	Not Detected	1.67
1	MZ338424	Reverse	+22A	Not Detected	0.50
1	MH092252	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, A20C	Not Detected	1.44
		Reverse	C16-, C17-		
1	MZ338427	Reverse	+23T	Not Detected	0.50
1	MH092251	Forward	C1-, C2-, C3-, A4-, T11C	Not Detected	2.22
		Reverse	T1-, A2-		
1	MH092277	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A20C	Not Detected	0.67
		Reverse	C25G		
1	JN555599	Forward	T7A, C8T, G9C, +15T, +18T	Not Detected	1.44
		Probe	+2T, +15A		
		Reverse	+12A, C20A		
1	MH092248	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A19G	Not Detected	1.44
		Reverse	C16T, C17G, A19C		
1	EF050507	Forward	T10A, C15T, A20G, +6G	Not Detected	0.50

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		Probe	C4G, A6T		
		Reverse	A10G, A19G		
1	PQ640067	Forward	G5T, G18A	Not Detected	1.55
		Probe	A6C, G9A, C14T, A15T, G19A, C20T, A21G		
		Reverse	G12A, C20A		
1	OP164623	Forward	T12G, C15A, G16A, T17A	Not Detected	0.50
		Probe	T17G, T22A		
		Reverse	A18G		
1	KM189423	Probe	C1T, A6C, A13C	Not Detected	0.33
1	KM189375	Probe	A13C, G19C	Not Detected	2.17
		Reverse	C13G		
1	MH092265	Forward	C1-, C2-, C3-, A4-, A19C, A20C	Not Detected	0.89
		Reverse	A3C, A10G, C16-, C17-, A18-		
1	KF294892	Forward	A6T, C8T, G18A	Not Detected	0.67
		Probe	G3C, A10C, T16C		
		Reverse	A18C, A19C		
1	HQ236502	Forward	C1-, C2-, C3-, A4-, G5-, +13T, +19TT	Not Detected	1.67
		Probe	+3G, +19T		
		Reverse	T1-, A2-		
1	MT944202	Probe	C1-, T2-, A6-, T17-, T22-	Not Detected	0.33
		Reverse	A19-		
1	MG945020	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, A13T, T17C	Not Detected	0.50
1	PQ640069	Forward	G5T, G9T	Not Detected	1.55
		Probe	A6C, G9A, C14T, A15T, G19A, C20T, A21G		
		Reverse	T11A, G12A, C20A, C24A		
1	MG945021	Forward	C1-, G5C, C8G, A13T	Not Detected	1.67
1	KM189421	Probe	C8G, A13C, T22G	Not Detected	0.67
		Reverse	C24T		
1	MT944204	Probe	C1-, G3C, T16-, T17-	Not Detected	0.33
		Reverse	A19-		
1	AY702998	Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C17T, A22T, C25G	Not Detected	0.50
1	KM189417	Probe	C8G, A13C	Not Detected	1.00
		Reverse	A18C		
1	KM189426	Probe	G3C, A6C, A13C, G19C	Not Detected	0.67
		Reverse	C13G, A18C, A22T, C24T		
1	PQ640070	Forward	G5T, G9T	Not Detected	1.55

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		Probe	A6C, G9A, C14T, A15T, G19A, C20T, A21G, G24A		
		Reverse	T1-, T11A, G12A, A19C, C24A		
1	MT944205	Forward	T17-	Not Detected	0.67
		Probe	G3C, A6-, C7-, A13G, T22G, G24-		
		Reverse	A19-		
1	PQ640071	Forward	G5C, C8A, G9T	Not Detected	1.55
		Probe	A6C, G19T, G24T		
1	JQ268245	Probe	C1T, T2C, A6G, C7T, C8T, A15G, T17C	Not Detected	1.83
		Reverse	T8C, A9G		
1	MH087090	Forward	G5T, G9T, T17A	Not Detected	0.78
		Probe	A6C, G9A, C14T, A15T, G19A, C20T, A21G		
		Reverse	T11A, A19C, C20A, C24A		
1	PQ640072	Forward	C1-, C2-, C3-, A4-, G5-, C8A, T17C	Not Detected	0.78
		Probe	A6C, A18T, G19T, G24T		
		Reverse	T8A, A19T		
2	OP678034 OP678033	Probe	T2A, C4G, +8ACGAT	Not Detected	1.83
		Reverse	A18G, T21C		
1	MH087091	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, G16C, T17C	Not Detected	0.78
		Probe	A6C, G9C, G19T, C20A		
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, A19T		
18	18	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	limited coverage (excluded)	1.67
21	21	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	limited coverage (excluded)	1.67
19	19	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
8	EU168077 KF928949 MF470277 MF470289 PQ431547 KP184483 MF470280 MW181629	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	1.67
1	OR770527	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	limited coverage (excluded)	1.67
		Reverse	A19G		

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5	MF470248 FJ042641 MH024484 MN096650 MW181628	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	limited coverage (excluded)	0.83
1	PX285829	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
		Probe	A6C		
2	MF470316 PV603453	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-	limited coverage (excluded)	0.50
1	GU586222	Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-, A18C	limited coverage (excluded)	1.67
1	JQ678629	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	limited coverage (excluded)	1.67
		Probe	+2T		
5	MK192786 KR259809 PQ530044 MH024481 MH092250	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-	limited coverage (excluded)	0.50
1	KT356261	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
		Probe	C1T, G3T		
8	FJ042640 AF140711 AF140714 AF140719 FJ042651 AF140720 AF140721 AF140715	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	0.50
1349	1349	Forward	Forward Missing	limited coverage (excluded)	0.89
2	EU338503 KU872069	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-, A19-	limited coverage (excluded)	0.50
1	PP853461	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	0.50
		Probe	T12-		
3	KJ476520 KX714010 PV607992	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A6C		
1	PQ031358	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	0.50
		Probe	G3C		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	FJ042636	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	limited coverage (excluded)	0.83
		Probe	A6-		
8	PP564850 PP564846 JQ945984 LC427003 KF801456 JF718265 KF054072 JF718255	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A6G		
3	PP835515 KT897274 OR241290	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1T		
1	MG298794	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	1.44
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-		
7	AY703020 FJ815184 OP297695 GU320590 FJ815188 DQ992178 JF325888	Reverse	Reverse Missing	limited coverage (excluded)	0.50
3	PQ031368 KX688024 KX688025	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C4G		
1	MH092270	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
		Reverse	+19T		
1	MH092261	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, A20T	limited coverage (excluded)	0.50
2	PP659696 PP659698	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C7G		
1	PP339685	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T1-, A2-		
1	FJ422535	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-, C15-, C16-, C17-, A18-		
41	41	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+1C		
1	PP659704	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-		
2	AB327083 AB327062	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G3-		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	OQ158986	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	A18C		
27	27	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A6-		
1	PP339694	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	1.67
		Probe	G19A, T22A		
1	MH092259	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T1-, A2-, A3-		
1	JQ418500	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	T12A		
2	EU934050 EU934065	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+1T		
1	FJ042650	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+5C		
6	AB327070 PQ056827 HQ833434 JN399019 KR074230 OM414917	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-		
18	18	Forward	Forward Missing	limited coverage (excluded)	0.67
		Reverse	Reverse Missing		
2	KU065133 OP937988	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T1-		
1	FJ158844	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G3T, +3GA		
1	LC085972	Forward	Forward Missing	limited coverage (excluded)	0.67
		Reverse	T23G		
1	OP938016	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+14N		
1	MH092267	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	limited coverage (excluded)	1.66
		Reverse	C15-, C16-, C17-		
5	EU934049 FJ158846 LC085657 HQ236501 MN227251	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+2T		
1	MZ458339	Forward	Forward Missing	limited coverage	0.89

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
		Probe	+9C		(excluded)	
1	EU934058	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	C1T, C7G			
1	MG298786	Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-, C15-, C16-		limited coverage (excluded)	1.67
1	MH092263	Forward	Forward Missing		limited coverage (excluded)	0.89
		Reverse	A4G			
2	LC276881 PQ069767	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	+7A			
1	MH620479	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	+2C			
6	KU936106 QQ940665 MW040587 MT893149 OR553737 PP741651	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	+11A			
1	MG581704	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	+2A			
2	LC086295 MZ955619	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	G19C			
1	KF801454	Forward	Forward Missing		limited coverage (excluded)	0.89
		Reverse	A10G			
1	FJ042638	Forward	Forward Missing		limited coverage (excluded)	1.22
		Probe	+9G			
2	PP564849 LC426995	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	A13C			
3	HQ236505 HQ236509 HQ236503	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	G3T, C4T			
5	MH791006 MH791003 MH791005 MW866553 MH791009	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	C5-			
1	KF886751	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	T22A			
1	PP659708	Forward	Forward Missing		limited coverage (excluded)	0.89
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-			

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	MW866563	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G24C		
1	PP978905	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A13T		
1	PP659718	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-, C15-, C16-, A19G		
1	MH092245	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T1-, A2-, A3-, A4-		
1	PV800001	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	G19C, +8CG		
7	LC122510 EU934047 OP164617 MW866538 OP164613 KU894804 GQ999994	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C8-		
1	EU934056	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	C8-, +2T		
1	HQ236528	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T2G, C4T, +4T		
3	OR940143 PP957191 MW664342	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+22C		
1	MW040580	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	A6-		
		Reverse	A22T		
3	EF050469 EF050473 EF050483	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	A6-, A13-		
1	PX112738	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+16G		
1	MG891744	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+18C		
1	ON600788	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
		Probe	+1C		
2	OQ159105 OQ159097	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+16A		
1	EU934063	Forward	Forward Missing	limited coverage	1.00

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Probe	C4A, C8-, +1CT	(excluded)	
1	MG298788	Forward	Forward Missing	limited coverage	0.89
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-	(excluded)	
1	MH092257	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage	2.22
		Reverse	T1-, A2-, A3-, A4-, C15-, C16-, C17-	(excluded)	
1	OP404258	Forward	Forward Missing	limited coverage	0.89
		Probe	+10G	(excluded)	
2	PP659712 MZ144960	Forward	Forward Missing	limited coverage	0.89
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-	(excluded)	
1	PV249448	Forward	Forward Missing	limited coverage	0.89
		Probe	A10G	(excluded)	
1	HQ236506	Forward	Forward Missing	limited coverage	0.89
		Probe	C4T, +2TG	(excluded)	
2	JN585806 PV567171	Forward	Forward Missing	limited coverage	0.89
		Probe	C7A	(excluded)	
1	PP707075	Forward	Forward Missing	limited coverage	1.22
		Probe	T12G, +22C	(excluded)	
1	MW040578	Forward	Forward Missing	limited coverage	0.89
		Probe	G19C, A21C	(excluded)	
2	MW866534 MH920247	Forward	Forward Missing	limited coverage	0.89
		Probe	A6-, C7-	(excluded)	
1	EU934062	Forward	Forward Missing	limited coverage	1.00
		Probe	C4A, C8-, +2T	(excluded)	
3	ON258848 OR263301 OR263305	Forward	Forward Missing	limited coverage	0.89
		Probe	+17T	(excluded)	
1	LC522141	Forward	Forward Missing	limited coverage	0.89
		Probe	G19T	(excluded)	
2	KF881884 AB327077	Forward	Forward Missing	limited coverage	0.89
		Probe	T2G	(excluded)	
19	19	Forward	Forward Missing	limited coverage	0.89
		Probe	C1-, T2-	(excluded)	
1	KT894164	Forward	Forward Missing	limited coverage	1.11
		Probe	A11C, T12C	(excluded)	
1	FJ158855	Forward	Forward Missing	limited coverage	0.89

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Probe	G3T, +4NT	(excluded)	
1	MG890629	Forward	Forward Missing	limited coverage	0.89
		Probe	C4T, A21-	(excluded)	
1	OQ159107	Forward	Forward Missing	limited coverage	0.89
		Probe	C20-	(excluded)	
1	OP910251	Forward	Forward Missing	limited coverage	0.89
		Probe	+7G	(excluded)	
1	HQ236515	Forward	Forward Missing	limited coverage	0.89
		Probe	C8-, +23C	(excluded)	
4	JX683399 JX683396 JX683393 JX683397	Forward	Forward Missing	limited coverage	0.89
		Probe	C1A	(excluded)	
1	OR685532	Forward	Forward Missing	limited coverage	0.89
		Probe	+18A	(excluded)	
1	PV799995	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+21A		
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-		
4	HQ833415 HQ833418 JN399023 MZ701918	Forward	Forward Missing	limited coverage	1.00
		Probe	C1-, T2-, G3-	(excluded)	
1	MT944209	Forward	Forward Missing	limited coverage	1.22
		Probe	A6C, +11A	(excluded)	
1	MZ079366	Forward	Forward Missing	limited coverage	0.89
		Reverse	C15G, C16G	(excluded)	
1	JQ678604	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage	1.67
		Probe	T2A	(excluded)	
1	LC581473	Forward	Forward Missing	limited coverage	1.00
		Probe	A15G, G19T, +19A	(excluded)	
1	PP339677	Forward	Forward Missing	limited coverage	1.22
		Probe	A10G, +7A	(excluded)	
1	AB327091	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, G18-, A19-, A20-	limited coverage	0.89
		Probe	T2G	(excluded)	
1	MN900683	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1G, C5A, A6G		
		Reverse	A19T		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	OQ159094	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T17A, A18T, G19A, +7G		
2	PQ651434 OP169331	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-		
1	OR241295	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, A6G		
1	EU338507	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	T2C		
2	OR241284 MK192784	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-		
1	EU168080	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, G9T		
37	37	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-		
1	MW664336	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	A6-, A10G		
1	KX246897	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C5G, C7A, T12-		
1	KC434450	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	limited coverage (excluded)	1.44
		Reverse	Reverse Missing		
1	PP872525	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C4T, A10G, +22C		
2	KU894803 KJ531909	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C5G, C8-		
1	LC093098	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	G3T, C8A, +8A		
22	22	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-		
1	MW040590	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+13A		
1	OR241301	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, A6-		
1	PP654472	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	A15G, C20A		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	MN227248	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C4G, A6C, +11A		
1	EU934055	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C5T		
21	21	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-		
1	KU356840	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A21-		
1	MH092276	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	2.22
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-		
1	LC426998	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C20G		
1	JQ418494	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T2C, A6G, C7A, C8A, G9A, A18C		
1	OP164612	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, C7A, G9A		
1	OQ159098	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C4G, A6C		
1	FJ158851	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C4T, C5T, +7A		
7	AY702989 HQ833422 HQ833412 JN585815 KX714012 OR233175 PQ056838	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-		
1	PP654478	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A15G, C20A, +2C		
1	KX246898	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C5G, C7A, T12-, +7A		
1	EU934069	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C5T, A6-, C7-		
1	OR241303	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1G, A6-, C8G, G9A		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
7	KX246891 KF924269 MH675534 PQ056830 KX246890 KJ786503 JN036645	Forward Probe	Forward Missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	limited coverage (excluded)	1.00
1	JF317323	Forward Reverse	Forward Missing T7G, C24T	limited coverage (excluded)	0.67
1	PV799992	Forward Probe	Forward Missing C1-, T2-, G3-, C4-, C5-, T12C	limited coverage (excluded)	1.00
1	LC276877	Forward Probe	Forward Missing C1-, T2-, G3-, C4-, C8A	limited coverage (excluded)	1.00
1	PP527092	Forward Probe Reverse	Forward Missing C7G, A11G C15G	limited coverage (excluded)	1.22
1	HQ236529	Forward Probe Reverse	Forward Missing G3T, C5- A10-	limited coverage (excluded)	0.89
1	HQ236504	Forward Probe	Forward Missing C4T	limited coverage (excluded)	0.89
1	MW040581	Forward Probe Reverse	Forward Missing +9T T11A	limited coverage (excluded)	0.67
1	EU934061	Forward Probe	Forward Missing G3T, C4A, C7-, C8-	limited coverage (excluded)	1.00
14	AY702988 OR143778 MK217500 KX870199 KR494238 KR494240 MZ955621 KX246887 MK880494 KR074222 OR568986 KR494241 OP163324 KP677462	Forward Probe	Forward Missing C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-	limited coverage (excluded)	1.00
1	LC426996	Forward Probe	Forward Missing C1-, T2-, G3-, C4-, C5-, A6-, G19C, C20G	limited coverage (excluded)	1.00
1	KF035055	Forward Probe	Forward Missing C1-, T2-, G3-, C4-, C5-, A6-, G9A, G19T	limited coverage (excluded)	1.00

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	LC427001	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, A21T, T22A		
1	OR241302	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, A11-		
1	PQ661179	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, T2-		
		Reverse	A3C		
1	MW040591	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+12T		
29	29	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-		
2	PX112735 PX112734	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C4G, C5-, A10G, A15G, G19A		
1	GQ999995	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, +19G		
1	OQ940659	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, +17T		
1	EU934048	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	G3T, C4A, C8-		
1	PQ819033	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, +22C		
1	PP339689	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C4T, A6-, A10G, T12G, A21C, T22C		
1	MF076643	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-		
1	MW040592	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	+12T, +17T		
1	OQ940661	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, +17TT		
1	MZ144954	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A6-		
		Reverse	T7G, T8G		
1	MT893134	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	A15T, G19C, +3G		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Reverse	G12C		
<u>7</u>	MK297916 PV596411 KX246892 MG969830 PV799996 PV810224 MZ618665	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-		
<u>10</u>	KF881879 KM403411 KM403405 KM403407 KM403409 KM403419 KM403413 KM403412 KM403417 KM403406	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G		
<u>1</u>	KF881883	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16A		
<u>2</u>	JF718264 MT328670	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A15C		
<u>11</u>	MF579529 KC669511 MT225942 MK192799 PP707064 OP411028 MF076648 MK347299 MF076654 MF076649 JQ268232	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-		
<u>1</u>	JQ418498	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G9T		
<u>1</u>	OP164614	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, A15-, G19T, C20G		
<u>5</u>	JX423576 MK880493 MW757027 OP938022 PP339701	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-		
<u>1</u>	EU934070	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1T, G3T, C4A		
		Reverse	T1-, A2-, +9T, +12T		
<u>1</u>	FJ158852	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A6T, +19G		

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
3	FJ815183 FJ815186 FJ815185	Probe	+1C		limited coverage (excluded)	0.50
		Reverse	Reverse Missing			
1	PV800002	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, T12-, A13-, G19C, +19T			
5	PV596405 JN399015 OR685533 JN399012 MF076658	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-			
1	MW866546	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	A6G, A10G, +18T			
1	OR241297	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, A6C, T12-			
1	JF718256	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	C1T, T2G			
6	KF881886 PP659721 OP862864 JQ315202 MK347325 MZ701919	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-			
1	KM403408	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G			
		Reverse	T1-			
1	KR074229	Forward	Forward Missing		limited coverage (excluded)	1.22
		Probe	A13T, +1C			
1	OQ940664	Forward	Forward Missing		limited coverage (excluded)	1.22
		Probe	A6-, A15-			
1	KF962051	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1G, C5A, A6G			
4	OQ803533 PQ056836 LC122508 OP938006	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-			
1	KC493777	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, G9A, A15-, G19T, A21-			
1	EU934052	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	G3T, C4G, +4AA, +16A			
1	KM403410	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G			

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
		Reverse	C15G			
1	KM403418	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, +16G			
		Reverse	C15T			
3	OR568988 LC522143 MK347298	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-			
1	OP937999	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	G19A, +1C			
1	FJ158847	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C5T, A6T, C7T, C8A			
		Reverse	T1-, A2-, A10-			
1	OQ822819	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-			
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-			
12	KJ504220 AY702985 PP339700 PP707081 MG581709 KX714006 PP835520 JQ678616 PQ056833 OM414912 MF076653 MF076661	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-			
3	MF076656 MF076664 MF076665	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-, G23-			
1	KF294903	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	T2C, A6C, A11-, A21C, T22C, +19Y			
184	184	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	Probe Missing			
1	KY038361	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-		limited coverage (excluded)	0.67
		Probe	C1T, T2C, G3T, A6T, C7T, A13C, A15T			
1	KR074214	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, T22C			
1	MK886514	Forward	Forward Missing		limited coverage (excluded)	0.78
		Probe	C1-, T2-, +17TT			

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
		Reverse	T5A			
1	MW757017	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-			
		Reverse	A3C			
1	FJ158845	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	G3T, +3NT			
1	OQ940657	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, +12T, +17TT			
1	MG969818	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	A6-, A11-, A15-, A21T, T22G			
1	OP938012	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	G19A			
1	OQ804422	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, C14G, A15-			
		Reverse	Reverse Missing			
1	KU872064	Forward	Forward Missing		limited coverage (excluded)	0.89
		Reverse	T5A			
1	OP862863	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, G24C			
1	KF962049	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	A6-, +1C			
1	FJ158853	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	G3T, C4T, C5A, A6C, C7A, +19G			
		Reverse	T1-			
1	KF054075	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	T2C, G3T, C4G, A6G, A11G			
1	JF718257	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	T2G, C4G, A6G, C7A			
1	KU312270	Forward	Forward Missing		limited coverage (excluded)	0.67
		Probe	+1C			
		Reverse	Reverse Missing			
1	JF718254	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	A6G, C7A, A15C, +3G			
1	LC184514	Forward	Forward Missing		limited coverage	1.22

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Probe	A15-, G19A	(excluded)	
1	OR940145	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A21C, T22C		
1	OQ158989	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, +17T		
		Reverse	+17G		
1	KF886753	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, C8-, A13-, T17-		
		Reverse	A10-, A19-		
1	OR241281	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, T12-, C20A		
1	PP872534	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A6G, C7A, +1G		
1	MN900689	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, A6G, C7A		
1	KT892821	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C8T		
		Reverse	T8C		
1	PP339703	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, G19T, A21C, T22C		
1	OQ159102	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C4G, T12-, A15T, G19C, C20A, A21T		
		Reverse	G12C, A19T, T21C		
1	MZ458342	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A15C, G19C, +9C, +20C		
1	EF050476	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-		
1	OR241299	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, A15C, T17C, T22A, +11R		
1	MT893136	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T2C, T16C, +9C, +16C		
1	KC434447	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	+1T		
		Reverse	Reverse Missing		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	PP659699	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-		
		Reverse	G12C		
1	EU934060	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-		
		Reverse	+14G, +20G		
1	FJ158856	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C5T, A6T, C8A, G9A		
		Reverse	+13A, +19T A		
1	JQ418509	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T2G, A6T, A11T, A21C		
1	KF962052	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, A15-		
1	OP938007	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	A15-, G19A		
		Reverse	T7A		
1	MN071400	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, C15T	limited coverage (excluded)	1.55
		Probe	C1G, A10G, T16G, T17A		
		Reverse	Reverse Missing		
1	KU872063	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	C1-, C5G		
		Reverse	T11A, C24T		
1	KC434451	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C8-, +2T		
		Reverse	Reverse Missing		
1	MT944211	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C4G, C8-, T12G, T17G		
		Reverse	A18C, A19-, A22-		
1	OK641891	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	2.33
		Probe	C1T, T2C, A6G, C7T, C8T, A15G, T17C		
		Reverse	T8C, A9G		
1	MT893146	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A6C, A15C, +1C		
		Reverse	T1-		
1	MT893151	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	T12A, G19C, A21T, T22G, +3G		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Reverse	T5A, T11C, G12C, T21C		
1	KC434444	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+2AT		
		Reverse	Reverse Missing		
1	MT328666	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G3A		
1	MT893155	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	T2G, A6-		
		Reverse	T5A, T8A, T11G, G12C, T21C, A22-		
1	MH938694	Probe	A21-, T22-, G23-, G24-	limited coverage (excluded)	0.67
		Reverse	Reverse Missing		
1	MT328648	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A6-, G9T, A15-, G19-		
		Reverse	C20T		
1	EU934054	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1T, T2G, C8T, +9N		
		Reverse	T8-, T11G, +23A N T C		
1	KM189400	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	0.78
		Probe	C8G, A13C, G19C, T22G		
		Reverse	C13G, A18C, A22T, C24T		
1	FJ158848	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C8T, G9-, +2T		
		Reverse	+10G		
1	PQ819043	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, A10G, G19C, A21C, T22C, +22TC		
1	OQ158983	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-		
		Reverse	T7A, T8A, T11C, G12C, C20A, T23C		
1	JQ678609	Probe	G19-, C20-, A21-, T22-, G23-, G24-	limited coverage (excluded)	0.67
		Reverse	Reverse Missing		
1	PP707076	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	A19C		
1	EF050477	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-, A19-	limited coverage (excluded)	0.78
		Probe	C1T, G3C, A6C, A10G, A13T		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Reverse	C13G, A22T, C24T		
1	ON982468	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A6-, C7-, T12C, A15-, T22-		
		Reverse	A19-		
6	QQ803522 QQ804424 QQ804428 AY703012 AY702994 AY703007	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	Reverse Missing		
1	MN240472	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C4G, A10C, T17A, C20A, A21T, +11G		
		Reverse	T1-, A2-, T11A		
1	PP654475	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C14G, T16G		
		Reverse	Reverse Missing		
1	LC101791	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	+8A		
		Reverse	Reverse Missing		
1	EF050475	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	A6-, A11T, T12-, A13-		
		Reverse	+8T, +17C, +22A		
1	EF050488	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	2.33
		Probe	C1T, T2G, G3A, A10G, +6T, +15C, +20G		
		Reverse	+5C, +17C A, C20T		
1	FJ158850	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	T11G, +17C		
1	MK910997	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	C4G		
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-, A9-, A10-, T11-, G12-, C13-, C14-, C15-, T21G		
1	QQ940662	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T12-, A15-		
		Reverse	T8G, A9G, A10-, +19A		
1	PP339707	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	A3T, T7A		
2	EF050468 EF050484	Forward	Forward Missing	limited coverage	0.78

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Probe	T2A, G3A, A6T, C8A, A10T, A15T, G24A	(excluded)	
		Reverse	C16T, A22C, C25T		
1	LC310896	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	G3-, A6T, T16C, A18T, G19T, T22C, +10CATC		
1	KF801452	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T2-, A6-, A15-, A21-		
		Reverse	A9G, A10G, A18G		
1	MW866558	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, A15G, T16C, A21G		
1	JQ945989	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	+17G		
1	JQ418497	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	A4T		
1	OP297698	Probe	C5G, A6C, G9C, T12A, C14A, A18-, G19-, C20-, A21-, T22-, G23-, G24-	limited coverage (excluded)	0.67
		Reverse	Reverse Missing		
1	OQ247945	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	G19-		
		Reverse	Reverse Missing		
1	KU936116	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G19-		
1	PP527029	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A15G, T16C, A21G, G24A		
		Reverse	C14A, A19C		
1	MN227253	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	T8-		
1	MH092284	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	T1-, A2-, A3-, A4-, C15G		
1	LC086296	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, C14T		
		Reverse	T8G, T11C, A22G, C25T		
1	PQ680038	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Reverse	T1-, A2-		
1	OR940144	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	T11G		
1	AY703009	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	Probe Missing		
		Reverse	+23G		
1	EF050478	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-		
		Reverse	T8A, T11G, C17-, A22T, C24T		
1	FJ158849	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	Probe Missing		
		Reverse	T1-, A2-, T21G, +23A T T C		
1	MG581703	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, T22G		
		Reverse	A9T, A10G, A19T, C20T		
1	GQ999992	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	T1-, A2-, T8-		
1	OQ247947	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	G12A, C20A		
1	LC581474	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	Probe Missing		
		Reverse	A22C		
1	OQ247939	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	T5A, T11A, G12A, C20A		
1	KU065134	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	Probe Missing		
		Reverse	A18C, A19C, T21C, T23C		
1	KF294891	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	Probe Missing		
		Reverse	T8C, C24T		
50	50	NA	No Mutations	Detected	5
1	OK641882	Forward	C1-, C2-	Detected	4.78

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
2	PV567158 PX285827	Forward	C8T	Detected	4.78
1	MF399029	Forward	G5A	Detected	4.78
1	KP221682	Probe	C1T	Detected	4.78
3	PQ044632 PV567177 KP221683	Forward	+6A	Detected	4.78
2	PX285830 KX018027	Forward	T7A, C8T	Detected	4.78
2	ON875356 KP221684	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Detected	4.78
2	ON875355 KY981792	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Detected	4.78
1	KY514424	Forward	C1-, C2-, C3-, A4-, G5-	Detected	4.78
1	KU872061	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.78
1	PP339698	Probe	C1T	Detected	4.78
		Reverse	A10G		
1	MT889653	Probe	A13-	Detected	4.67
1	AF239162	Reverse	+17C	Detected	4.56
1	MK578678	Forward	C1-, C2-, C3-	Detected	4.67
		Probe	A13C		
1	KY072783	Forward	G18A	Not Detected	0.78
		Probe	G3C, A6C, C14T		
		Reverse	T1-, T8A, A18C, A19C, T21C		
7	KX018021 KX018029 KX018028 KJ446977 KC694183 KC694182 KC694178	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	limited coverage (excluded)	1.67
3	KX018040 OK641895 OR564019	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
1	KY203908	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	limited coverage (excluded)	1.67
2	KX018038 OK641896	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	1.67
3	OK641900 OR564018 KX018030	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-	limited coverage (excluded)	0.83

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	OR564015	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, A19G	limited coverage (excluded)	0.50
63	63	Forward	Forward Missing	limited coverage (excluded)	0.89
1	KX018025	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	0.50
2	OK559554 OK562071	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1T		
1	OR352423	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+11A		
1	EF176003	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	+9C		
1	PP758985	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A21-		
2	KR872641 KR872642	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	limited coverage (excluded)	1.83
		Probe	C1T, A6C, A11T, A15T, G19C, +2TAAAC		
1	KF881885	Forward	Forward Missing	limited coverage (excluded)	1.11
		Probe	C8A, +8A		
2	PQ676275 LC629632	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, T2-		
1	OQ679416	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-		
1	KJ446978	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T2G, A6-, A15-		
1	MT820305	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, +21A		
6	OL336245 OK641901 OK641889 OK641890 OK641893 OK641892	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-		
2	LC883912 KF881889	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-		

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
1	MN685269	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	C8-			
1	PV628290	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-			
1	KJ446975	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, A6C, A11T, A15T, G19C			
1	MG722753	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-			
1	OR263298	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, +17N			
1	LC883920	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-			
2	OP854853 PQ819041	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-			
1	PV567188	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	T2-, G3-			
1	MH919367	Forward	Forward Missing		limited coverage (excluded)	0.89
		Probe	A6-, C7-			
1	OP861001	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-			
		Reverse	C17-			
10	PP835518 KR494234 OP954857 OK641883 OP959824 OK641886 PP758986 OK641881 OK641884 MZ504290	Forward	Forward Missing		limited coverage (excluded)	1.00
		Probe	Probe Missing			
4	PQ069782 KF733259 KF733260 PV959950	NA	No Mutations		Detected	5
41	41	Probe	+1C		Detected	4.78
1	MF100904	Probe	+18C		Detected	4.78
1	KX232519	Forward	C8T		Detected	4.78
		Probe	+1C			

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
1	KX018037	Probe		+1C, +5N	Detected	4.67
1	KX018034	Forward		C8-	Detected	4.78
		Probe		+1C		
1	KX018036	Forward		T7G, C8T	Detected	4.78
		Probe		+1C		
2	MF100905 MF100906	Probe		G19A, +1C	Detected	4.78
1	KM823777	Probe		A6C, +1C	Detected	4.67
2	KC694184 KC694186	Forward		C1-, C2-, C3-, A4-, G5-, A6-	Detected	4.78
		Probe		+1C		
1	KM823779	Forward		C1-, +7T	Detected	4.67
		Probe		A6C, +1C		
1	KC694185	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-	Detected	4.78
		Probe		+1C		
2	KX018045 PV124347	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-	Detected	4.78
		Probe		+1C		
1	KM823785	Forward		C1-, C2-, C3-, A4-, G5-, A6-	Detected	4.67
		Probe		A6C, +1C		
1	PX285828	Forward		C1-, T7A, C8T	Detected	4.67
		Probe		T16G		
2	KC438381 KX018026	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.78
		Probe		+1C		
1	KM823782	Forward		T12A, A13T	Not Detected	1.67
		Probe		+1C		
1	PP835534	Forward		G5A, T7A, T12-	Not Detected	1.67
		Probe		+1C		
1	KC493773	Forward		C1-, C2-, C3-	Not Detected	2.17
		Probe		A13T, +1C		
1	PP564837	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T12A	Not Detected	2.17
		Probe		A13T, +1C		
1	MW350022	Forward		A6T, C8T, T12A, A13G, T17G	Not Detected	1.78
		Probe		A13T, G19T		
		Reverse		C17G		
1	KX232520	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	limited coverage (excluded)	1.67
6	KX018044 KX018039 KX018032	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	limited coverage (excluded)	1.67
		Probe		+1C		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
	KX018035 KX018024 KX232517				
1	KX018041	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-	limited coverage (excluded)	1.67
		Probe	+1C		
3	KX018031 KX018033 PV810108	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
		Probe	+1C		
1	KX018046	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	1.67
		Probe	+1C		
11	MT539094 EF176005 EF176000 EF175998 EF176002 EF176004 KP940443 GU573878 OQ247958 MN700283 MT256179	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+1C		
11	MN685268 LC629636 LC629635 MK217511 LC883909 PX272269 MN093972 OK641897 MN685223 MT328655 PQ676278	Forward	Forward Missing	limited coverage (excluded)	0.89
1	GU573877	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C5G, +1C		
3	MW757019 MK217515 MK217517	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-		
1	PX285832	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-		
2	PP732394 PX285831	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, T2-		
1	KX246893	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+9T		
1	MN685221	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-		
1	MK217516	Forward	Forward Missing	limited coverage	1.00

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-	(excluded)	
1	PP732392	Forward	Forward Missing	limited coverage	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-	(excluded)	
3	MK217513 MK217512 MK217510	Forward	Forward Missing	limited coverage	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-	(excluded)	
1	OR767826	Forward	Forward Missing	limited coverage	0.89
		Reverse	T1-, A2-, A3-, A4-, T5-, A6-, T7-, T8-	(excluded)	
1	ON982457	Forward	Forward Missing	limited coverage	0.89
		Probe	T2C	(excluded)	
1	MT261772	Forward	Forward Missing	limited coverage	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-	(excluded)	
1	PQ559813	Forward	Forward Missing	limited coverage	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-	(excluded)	
1	MT261769	Forward	Forward Missing	limited coverage	1.00
		Probe	C4G, A6G, C8A	(excluded)	
1	MT261770	Forward	Forward Missing	limited coverage	1.00
		Probe	T2C, C4G, +6G	(excluded)	
1	MK217514	Forward	Forward Missing	limited coverage	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-	(excluded)	
1	OR767827	Forward	Forward Missing	limited coverage	0.89
		Reverse	C16A	(excluded)	
1	MK880495	Forward	Forward Missing	limited coverage	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-	(excluded)	
8	MZ218110 MZ218099 MZ218105 MK217518 KX018023 JX043488 KX018022 OM003585	Forward	Forward Missing	limited coverage	1.00
		Probe	Probe Missing	(excluded)	
28	28	NA	No Mutations	Detected	5
1	HG797013	Forward	+8C	Detected	4.78
1	KP233872	Forward	+6A	Detected	4.78
1	KF035057	Probe	C8-	Detected	4.78
1	MN685270	Forward	T7A, C8T	Detected	4.78
		Reverse	T8C		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	KY513795	Forward	T12C, +12C	Not Detected	1.67
24	24	Forward	Forward Missing	limited coverage (excluded)	0.89
3	GU573866 GU573869 GU573862	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A6-		
1	GU573864	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	T2C		
1	PP356066	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G9A		
2	MN685227 MN685244	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T8C		
1	MH790991	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C5-		
1	GU573857	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-		
1	PV235319	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, T2-		
		Reverse	T8C		
1	GU573856	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1T, A6G, C7A, C8A		
1	KX714011	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-		
1	OM365895	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	T16C, T22C		
		Reverse	A10G		
1	GU573855	Forward	Forward Missing	limited coverage (excluded)	0.67
		Reverse	T11C, G12C, C14A, C15A, A19T		
1	OM365910	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, A6C		
		Reverse	A10G		
1	MN685242	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A6-		
		Reverse	T8C, G12-, C13-		
1	GU573854	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A6T, A10C, A15T, +2C, +22C		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
26	26	NA	No Mutations	Detected	5
1	PP564843	Forward	C1-, T7A	Detected	4.78
1	FJ807648	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-	Detected	4.78
1	HG797020	Forward	G9C, T10G, +13AC	Not Detected	1.67
1	ON908497	Forward	T11A, T12A	Not Detected	1.67
1	KC694188	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
28	28	Forward	Forward Missing	limited coverage (excluded)	0.89
1	GU596996	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+2A		
1	KF881881	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	T2G		
1	GU596998	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	T2G, A6-		
1	LC629633	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, T2-		
1	ON908496	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	G9C		
2	OL336326 OR263296	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-		
1	KF881878	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-		
1	MN093961	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-		
1	OK042100	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+17CN		
		Reverse	A18G		
1	OR940142	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-		
2	DQ490964 OR789579	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+3G, +17T		
1	MN091838	Forward	Forward Missing	limited coverage	1.00

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-	(excluded)	
		Reverse	T1-, A2-		
1	MG581710	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
19	19	NA	No Mutations	Detected	5
1	JF508857	Probe	C4T	Detected	4.78
1	MW350039	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.34
		Reverse	A18G		
20	20	Forward	Forward Missing	limited coverage (excluded)	0.89
1	MN700275	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T11C		
1	OQ247961	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	A6G, +15G		
1	MT226327	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	T16C, A18T, +9T, +18CAC		
1	MZ504292	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
11	MK713903 MK713908 MK713913 MK713910 MK713904 AF019057 MK713907 MK713925 OR767831 AF019067 DQ499151	NA	No Mutations	Detected	5
1	KY514419	Forward	C1-, C2-, C3-, C8T	Detected	4.78
1	MK713899	Probe	C1T, G3T, A6C	Not Detected	1.83
		Reverse	+16A		
1	MK713902	Probe	C1T, G3T, A6C, G19C, A21C	Not Detected	0.33
32	32	Forward	Forward Missing	limited coverage (excluded)	0.89
3	OQ247964 OQ247951 OQ247952	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+11A		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	OQ247963	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+16A		
1	OQ247954	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	A18C		
1	OK042099	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A15-		
1	MW757028	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-		
1	OK042094	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, T2-		
1	OP861003	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-		
1	PP835521	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-, T22-		
1	PP741729	Forward	Forward Missing	limited coverage (excluded)	0.67
		Reverse	T1-, T7A, T8A, T11C, G12C, T23C		
1	OQ247960	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
9	PV959954 AY703023 PV959944 MK713921 MK713900 MK713926 MK713920 MK713923 PP339696	NA	No Mutations	Detected	5
2	MK713917 MK713918	Probe	C1T	Detected	4.78
2	MG386313 MT539092	Forward	Forward Missing	limited coverage (excluded)	0.89
1	OP861630	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-		
1	OP863035	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
6	U07412 MF100899 S81337 KY072779	NA	No Mutations	Detected	5

#Accessions	#Accession Details	Oligo		Mutation	BDS Analysis Performance Prediction	Rating
	KF010846 HQ007040					
1	AF239295	Reverse		+17C	Detected	4.34
1	PV770126	Forward		C1-, C2-	Detected	4.67
		Probe		C4-, C5-		
2	KR872644 KR872643	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-	limited coverage (excluded)	1.67
2	KC694190 KJ446979	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.67
1	OK641894	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-	limited coverage (excluded)	1.67
1	KY488310	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T17G	limited coverage (excluded)	0.50
1	KY488312	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	0.50
1	KY488311	Forward		C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-	limited coverage (excluded)	0.50
10	OM522832 PP767337 PP767334 PP767336 KF914142 GU553135 LC883922 LC883913 PP800745 OM522833	Forward		Forward Missing	limited coverage (excluded)	0.89
1	MZ314026	Forward		Forward Missing	limited coverage (excluded)	0.89
		Probe		C8A		
		Reverse		T1-, A2-, C17-		
1	LC883916	Forward		Forward Missing	limited coverage (excluded)	1.00
		Probe		C1-, T2-, G3-, C4-, C5-, A6-		
1	KJ446980	Forward		Forward Missing	limited coverage (excluded)	1.00
		Probe		C5A, A6G, A15-		
6	AF260719 AF019063 AF239296 U07411	NA		No Mutations	Detected	5

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
	PP853467 L09599				
2	KC694192 KC694193	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.78
1	MN093970	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	C1-, T2-		
13	GU573875 GU597010 GU573874 GU597012 GU597004 GU597009 GU597011 PV032165 GU597007 GU597002 GU597003 PP835525 PP707070	Forward	Forward Missing	limited coverage (excluded)	0.89
1	KY981793	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+2A		
1	GU597008	Forward	Forward Missing	limited coverage (excluded)	0.89
		Reverse	T11A		
1	GU573873	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	T2G, A6-		
1	KU364623	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-		
1	PP835523	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+17T		
		Reverse	+17G		
1	PP339686	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-		
1	PP872532	Forward	T17G	limited coverage (excluded)	0.78
		Probe	Probe Missing		
		Reverse	Reverse Missing		
4	MZ310461 MN153012 AF316547 AF346662	NA	No Mutations	Detected	5
1	KX232518	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-	Detected	4.78
1	MW647650	Forward	G5A, G9-	Detected	4.78
1	OP315258	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-, C14-, C15-, G16-, T17-, G18-	limited coverage (excluded)	0.50

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	LR757994	Reverse	Reverse Missing	limited coverage (excluded)	0.50
8	PP356074 PP356073 OK042103 PQ380148 PQ363041 PQ380149 PQ676265 PV235316	Forward	Forward Missing	limited coverage (excluded)	0.89
1	QQ679417	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-		
1	OK042098	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	A6-, A15-		
		Reverse	+17G		
1	PQ676296	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-, C7-, C8-, G9-, A10-, A11-, T12-, A13-, C14-, A15-, T16-, T17-, A18-, G19-, C20-, A21-		
2	OP955939 PP707083	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
3	PV809663 AF019070 MK713915	NA	No Mutations	Detected	5
1	MK713914	Probe	A6C	Detected	4.78
1	MK713906	Forward	C8A, G9C	Not Detected	2.17
		Probe	A6C, A15C		
2	OK042102 PP356067	Forward	Forward Missing	limited coverage (excluded)	0.89
1	MG386314	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, A6-		
4	KY072781 AF260718 PP339678 AF005995	NA	No Mutations	Detected	5
3	OM455402 OM455401 OR263303	Forward	Forward Missing	limited coverage (excluded)	0.89
3	U07406 AF260720 AY351644	NA	No Mutations	Detected	5
1	PP339691	Forward	C1-, C2-, C3-, A4-	Detected	4.78
1	PP339688	Forward	Forward Missing	limited coverage	0.89

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
				(excluded)	
3	AF239293 AY026242 MN239988	NA	No Mutations	Detected	5
1	AF019064	Reverse	Reverse Missing	limited coverage (excluded)	0.50
1	OQ679418	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-		
1	HE653911	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T7-, C8-, G9-, T10-, T11-, T12-, A13-	limited coverage (excluded)	1.44
		Reverse	Reverse Missing		
5	LC310897 PP741727 MZ504294 MZ504291 OM021886	Forward	Forward Missing	limited coverage (excluded)	0.89
1	OQ247949	Forward	Forward Missing	limited coverage (excluded)	0.67
		Probe	G19T		
		Reverse	Reverse Missing		
1	LC883917	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	T12-		
2	KC493775 HQ007041	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
1	OP393107	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C1-, T2-, T12A, G19T		
		Reverse	Reverse Missing		
1	MN091379	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
		Reverse	T11A, C20A		
1	OQ247953	Forward	Forward Missing	limited coverage (excluded)	0.78
		Probe	C5G, G19T, C20A		
		Reverse	Reverse Missing		
3	PV959962 AF019069 MK713912	NA	No Mutations	Detected	5
1	PX272270	Forward	Forward Missing	limited coverage (excluded)	0.89
2	GQ996533 GQ996532	NA	No Mutations	Detected	5

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	GQ996530	Forward	A13T	Not Detected	1.44
		Reverse	C17A, A18C		
1	GU016571	Forward	C1-, C2-, A13T, C15-, G18C	Not Detected	0.67
3	GU199436 GU199435 GU199437	Forward	Forward Missing	limited coverage (excluded)	0.89
1	GU199433	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	A6C, A21-		
		Reverse	+11C		
1	GU199434	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, A6-, A21-		
		Reverse	+11C		
1	GQ996531	Forward	C1-, C2-, C3-, A4-, G5-, A6-, T12C, A13G, C14T, G18C	limited coverage (excluded)	0.78
		Probe	C4T, A6T, T12-, A13G, A18C, A21T, G24C		
		Reverse	Reverse Missing		
1	AY351647	NA	No Mutations	Detected	5
1	HG797019	Forward	C8T, G9T, T10C	Detected	4.78
3	LC883921 LC883915 LC883914	Forward	Forward Missing	limited coverage (excluded)	0.89
1	PV567164	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	C1-, T2-, G3-, C4-, C5-, T12C		
1	AY351645	NA	No Mutations	Detected	5
1	AY351646	Probe	T2C, +19T	Detected	4.78
1	AY703021	Reverse	Reverse Missing	limited coverage (excluded)	0.50
2	U07417 AF239299	NA	No Mutations	Detected	5
1	AF019053	NA	No Mutations	Detected	5
1	GU573879	Forward	Forward Missing	limited coverage (excluded)	0.89
1	MN153028	NA	No Mutations	Detected	5
4	OR352425 PP767958 OR352420 LC883911	Forward	Forward Missing	limited coverage (excluded)	0.89
1	OQ247943	Forward	Forward Missing	limited coverage (excluded)	1.22
		Probe	+9C		

#Accessions	#Accession Details	Oligo	Mutation	BDS Analysis Performance Prediction	Rating
1	PV637010	Forward	Forward Missing	limited coverage (excluded)	0.67
		Reverse	Reverse Missing		
1	OQ247944	Forward	Forward Missing	limited coverage (excluded)	0.89
		Probe	+9G		
3	OQ247940 PV637008 OQ247962	Forward	Forward Missing	limited coverage (excluded)	1.00
		Probe	Probe Missing		
1	AF019050	NA	No Mutations	Detected	5
1	OP738383	NA	No Mutations	Detected	5
1	AY703022	NA	No Mutations	Detected	5
1	KP711387	NA	No Mutations	Detected	5
1	KX840327	Probe	C4T, C8T	Detected	4.67
1	AF239294	Reverse	C25T	Not Detected	0.50
1	AF019066	Forward	C8T, C15T	limited coverage (excluded)	1.78
		Probe	C8T		
		Reverse	Reverse Missing		
3	MT221441 LC883907 LC883910	Forward	Forward Missing	limited coverage (excluded)	0.89
1	AF019065	Reverse	Reverse Missing	limited coverage (excluded)	0.50