

**F** sequencing failed  
**NS** nonsense mutation  
**FS** frameshift  
**S** silent mutation  
**IS** insertion  
**D** deletion

Label	Numbe	Sample Name	Primer Name	sequencing results
90073451		RMphoQ001	pBADfw	<b>F</b>
90073452		RMphoQ002	pBADfw	<b>NS</b>
90073453		RMphoQ003	pBADfw	<b>F</b>
90073454		RMphoQ004	pBADfw	<b>NS</b>
90073455		RMphoQ005	pBADfw	<b>F</b>
90073456		RMphoQ006	pBADfw	<b>NS</b>
90073457		RMphoQ007	pBADfw	<b>R219G</b>
90073458		RMphoQ008	pBADfw	<b>F</b>
90073459		RMphoQ009	pBADfw	<b>F</b>
90073460		RMphoQ010	pBADfw	<b>R262H</b>
90073461		RMphoQ011	pBADfw	<b>F</b>
90073462		RMphoQ012	pBADfw	<b>NS</b>
90073463		RMphoQ013	pBADfw	<b>F</b>
90073464		RMphoQ014	pBADfw	<b>NS</b>
90073465		RMphoQ015	pBADfw	<b>F</b>
90073466		RMphoQ016	pBADfw	<b>F</b>
90073467		RMphoQ017	pBADfw	<b>F</b>
90073468		RMphoQ018	pBADfw	<b>F</b>
90073469		RMphoQ019	pBADfw	<b>F</b>
90073470		RMphoQ020	pBADfw	<b>F</b>

Label	Numbe	Sample Name	Primer Name	sequencing results
90073499		RMphoQ2_001	pBADfw	<b>NS</b>
90073500		RMphoQ2_002	pBADfw	<b>I196F, S217N</b>
90073501		RMphoQ2_003	pBADfw	<b>IS</b>
90073502		RMphoQ2_004	pBADfw	<b>R262S</b>
90073503		RMphoQ2_005	pBADfw	<b>L250M</b>
90073504		RMphoQ2_006	pBADfw	<b>WT</b>
90073505		RMphoQ2_007	pBADfw	<b>F</b>
90073506		RMphoQ2_008	pBADfw	<b>WT</b>
90073507		RMphoQ2_009	pBADfw	<b>WT</b>
90073508		RMphoQ2_010	pBADfw	<b>F</b>
90073509		RMphoQ2_011	pBADfw	<b>WT</b>
90073510		RMphoQ2_012	pBADfw	<b>F</b>
90073511		RMphoQ2_013	pBADfw	<b>L199H, E237V, S249R</b>
90073512		RMphoQ2_014	pBADfw	<b>W211C, L247Q</b>
90073513		RMphoQ2_015	pBADfw	<b>W215L</b>
90073514		RMphoQ2_016	pBADfw	<b>D</b>
90073515		RMphoQ2_017	pBADfw	<b>R262L</b>
90073516		RMphoQ2_018	pBADfw	<b>F</b>
90073517		RMphoQ2_019	pBADfw	<b>FS</b>
90073518		RMphoQ2_020	pBADfw	<b>FS</b>

90073471	RMphoQ021	pBADfw	F	90073519	RMphoQ2_021	pBADfw	F
90073472	RMphoQ022	pBADfw	F	90073520	RMphoQ2_022	pBADfw	F
90073473	RMphoQ023	pBADfw	R219G	90073521	RMphoQ2_023	pBADfw	A213T
90073474	RMphoQ024	pBADfw	F	90073522	RMphoQ2_024	pBADfw	D
90073475	RMphoQ025	pBADfw	K259R	90073523	RMphoQ2_025	pBADfw	WT
90073476	RMphoQ026	pBADfw	N235Z	90073524	RMphoQ2_026	pBADfw	F
90073477	RMphoQ027	pBADfw	WT	90073525	RMphoQ2_027	pBADfw	F
90073478	RMphoQ028	pBADfw	WT	90073526	RMphoQ2_028	pBADfw	FS
90073479	RMphoQ029	pBADfw	WT	90073527	RMphoQ2_029	pBADfw	F
90073480	RMphoQ030	pBADfw	WT	90073528	RMphoQ2_030	pBADfw	WT
90073481	RMphoQ031	pBADfw	V198A, R219C	90073529	RMphoQ2_031	pBADfw	FS
90073482	RMphoQ032	pBADfw	WT	90073530	RMphoQ2_032	pBADfw	NS
90073483	RMphoQ033	pBADfw	WT	90073531	RMphoQ2_033	pBADfw	WT
90073484	RMphoQ034	pBADfw	S	90073532	RMphoQ2_034	pBADfw	WT
90073485	RMphoQ035	pBADfw	WT	90073533	RMphoQ2_035	pBADfw	F
90073486	RMphoQ036	pBADfw	WT	90073534	RMphoQ2_036	pBADfw	L247Q mixed with WT
90073487	RMphoQ037	pBADfw	WT	90073535	RMphoQ2_037	pBADfw	WT
90073488	RMphoQ038	pBADfw	V198E, E230L	90073536	RMphoQ2_038	pBADfw	WT
90073489	RMphoQ039	pBADfw	WT	90073537	RMphoQ2_039	pBADfw	WT
90073490	RMphoQ040	pBADfw	WT	90073538	RMphoQ2_040	pBADfw	WT
90073491	RMphoQ041	pBADfw	WT	90073539	RMphoQ2_041	pBADfw	WT
90073492	RMphoQ042	pBADfw	V198A, R219C	90073540	RMphoQ2_042	pBADfw	FS

Label	Number	Sample Name	Primer Name	sequencing results
90073546		RMphoQ3_001	pBADfw	<b>F</b>
90073547		RMphoQ3_002	pBADfw	<b>I221T</b>
90073548		RMphoQ3_003	pBADfw	<b>NS</b>
90073549		RMphoQ3_004	pBADfw	<b>R262C</b>
90073550		RMphoQ3_005	pBADfw	<b>WT</b>
90073551		RMphoQ3_006	pBADfw	<b>V251I</b>
90073552		RMphoQ3_007	pBADfw	<b>FS</b>
90073553		RMphoQ3_008	pBADfw	<b>S217C</b>
90073554		RMphoQ3_009	pBADfw	<b>WT</b>
90073555		RMphoQ3_010	pBADfw	<b>A223T</b>
90073556		RMphoQ3_011	pBADfw	<b>D274N</b>
90073557		RMphoQ3_012	pBADfw	<b>FS</b>
90073558		RMphoQ3_013	pBADfw	<b>FS</b>
90073559		RMphoQ3_014	pBADfw	<b>WT</b>
90073560		RMphoQ3_015	pBADfw	<b>FS</b>
90073561		RMphoQ3_016	pBADfw	<b>W211R</b>
90073562		RMphoQ3_017	pBADfw	<b>L210M</b>
90073563		RMphoQ3_018	pBADfw	<b>WT</b>
90073564		RMphoQ3_019	pBADfw	<b>FS</b>
90073565		RMphoQ3_020	pBADfw	<b>D274N</b>
90073566		RMphoQ3_021	pBADfw	<b>S217C</b>
90073567		RMphoQ3_022	pBADfw	<b>V206N</b>
90073568		RMphoQ3_023	pBADfw	<b>T270R</b>
90073569		RMphoQ3_024	pBADfw	<b>L203Q</b>
90073570		RMphoQ3_025	pBADfw	<b>FS</b>
90073571		RMphoQ3_026	pBADfw	<b>F</b>
90073572		RMphoQ3_027	pBADfw	<b>L209P</b>

Label	Number	Sample Name	Primer Name	sequencing results
90073573		RMphoQ3_028	pBADfw	<b>WT</b>
90073574		RMphoQ3_029	pBADfw	<b>WT</b>
90073575		RMphoQ3_030	pBADfw	<b>NS</b>
90073576		RMphoQ3_031	pBADfw	<b>R256L</b>
90073577		RMphoQ3_032	pBADfw	<b>W216R, E230D</b>
90073578		RMphoQ3_033	pBADfw	<b>IS</b>
90073579		RMphoQ3_034	pBADfw	<b>WT</b>
90073580		RMphoQ3_035	pBADfw	<b>F</b>
90073581		RMphoQ3_036	pBADfw	<b>F</b>
90073582		RMphoQ3_037	pBADfw	<b>IS</b>
90073583		RMphoQ3_038	pBADfw	<b>A201S</b>

Label	Number	Sample Name	Primer Name	sequencing results
90073594		RMphoQ4_001	pBADfw	<b>FS</b>
90073595		RMphoQ4_002	pBADfw	<b>A214T</b>
90073596		RMphoQ4_003	pBADfw	<b>FS</b>
90073597		RMphoQ4_004	pBADfw	<b>FS</b>
90073598		RMphoQ4_005	pBADfw	<b>L254R</b>
90073599		RMphoQ4_006	pBADfw	<b>FS</b>
90073600		RMphoQ4_007	pBADfw	<b>F195L</b>
90073601		RMphoQ4_008	pBADfw	<b>FS</b>
90073602		RMphoQ4_009	pBADfw	<b>IS</b>
90073603		RMphoQ4_010	pBADfw	<b>WT</b>
90073604		RMphoQ4_011	pBADfw	<b>FS</b>
90073605		RMphoQ4_012	pBADfw	<b>IS</b>
90073606		RMphoQ4_013	pBADfw	<b>F195L</b>