

A

<i>HsATR</i>	E	K	L	I	K	Y	A	T	D	S	E	T	V	E	P	I	I	S	L	V	T	V	L	L	K	G	C	Q	D	A	N	S	Q	A	R	L	L	C	G	E	C	L	G	E	L	G	A	I	D	P	G	R	L	D	F	S	T	T	E	T	Q	G	K	D	F	T	F	V	
<i>MmATR</i>	E	K	L	I	K	Y	A	T	D	S	E	T	V	E	P	V	I	S	L	V	T	V	L	L	K	G	C	Q	D	A	N	S	Q	A	R	L	L	C	G	E	C	L	G	E	L	G	A	I	D	P	G	R	L	D	F	S	T	T	E	T	Q	G	K	D	F	T	F	V	
<i>TrATR</i>	E	W	L	L	Q	Q	V	C	A	S	E	A	V	E	P	V	I	S	N	L	V	S	V	L	L	K	G	C	Q	D	S	S	P	E	T	R	L	L	C	G	E	C	L	G	E	L	G	A	V	D	P	G	R	L	D	L	S	R	S	H	T	N	G	R	N	T	F	V	
<i>OlATR</i>	E	W	L	L	R	Q	V	C	A	S	E	A	V	E	P	V	I	S	S	L	V	S	V	L	L	K	G	C	Q	D	A	S	Q	E	A	R	L	L	C	G	E	C	L	G	E	L	G	A	V	D	P	G	R	L	D	L	S	H	T	H	T	H	G	D	R	N	T	F	V

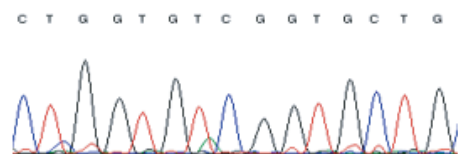
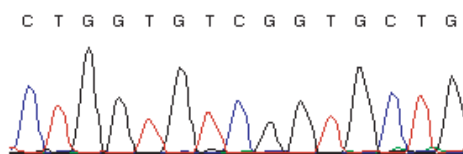
↑

B

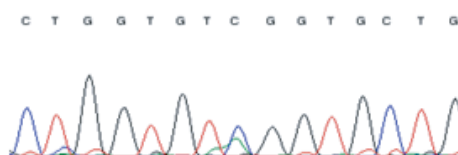
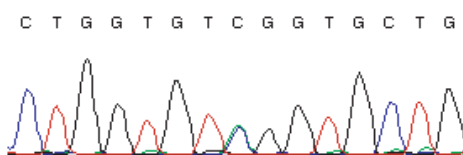
Genomic DNA

cDNA

atr^{+/+}



atr^{+/S1339X}



atr^{S1339X/S1339X}



C

