

Supplementary Table S3. Mutation profiles in the 5-FOA-resistant strains

<i>rad51Δ</i> +RAD51					<i>rad51Δ</i>				
	<i>URA3</i>		<i>URA5</i>			<i>URA3</i>		<i>URA5</i>	
clone	DNA mutation ¹	Protein mutation	DNA mutation ¹	Protein mutation	clone	DNA mutation ¹	Protein mutation	DNA mutation ¹	Protein mutation
#1	'ATGGA' insertion	Stop codon change	None	None	#1	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None
#2	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND*	None	None	#2	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None
#3	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND*	None	None	#3	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None
#4	None	None	G546C	E182D	#4	None	None	G124C	A42P
#5	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND*	None	None	#5	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None
#6	None	None	G546C	E182D	#6	None	None	C155A	Stop codon change
#7	None	None	C660A	Stop codon change	#7	None	None	G493A	E165K
#8	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND*	None	None	#8	None	None	G484A	D162N
#9	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND*	None	None	#9	None	None	C155A	Stop codon change
#10	'GT-AG rule' sequence (G->A) in the	ND*	None	None	#10	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None

	2 nd intron region								
#11	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND ²	None	None	#11	None	None	T185G	L62R
#12	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND ²	None	None	#12	None	None	G315C	R105S
#13	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND ²	None	None	#13	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None
#14	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND ²	None	None	#14	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None
#15	'GT-AG rule' sequence (G->A) in the 2 nd intron region	ND ²	None	None	#15	'TACGCCTCGC GC' deletion	'YASR(10-13)' deletion	None	None

DNA mutation¹: a position for nucleotide change in the cDNA sequence

ND²: Not determined