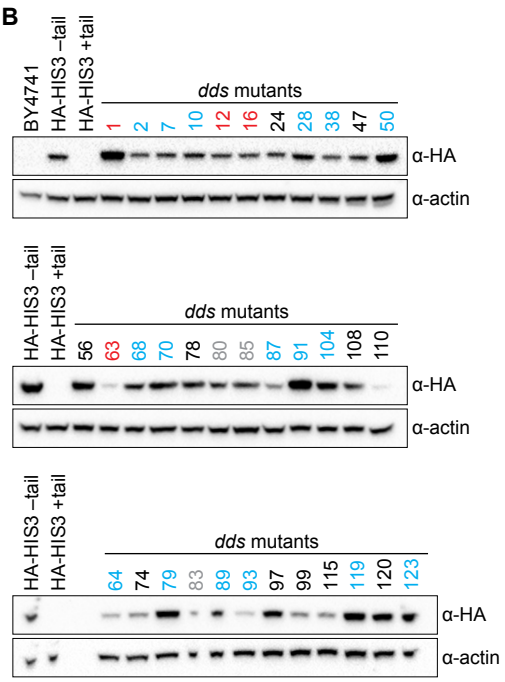
Figure 4—figure supplement 1

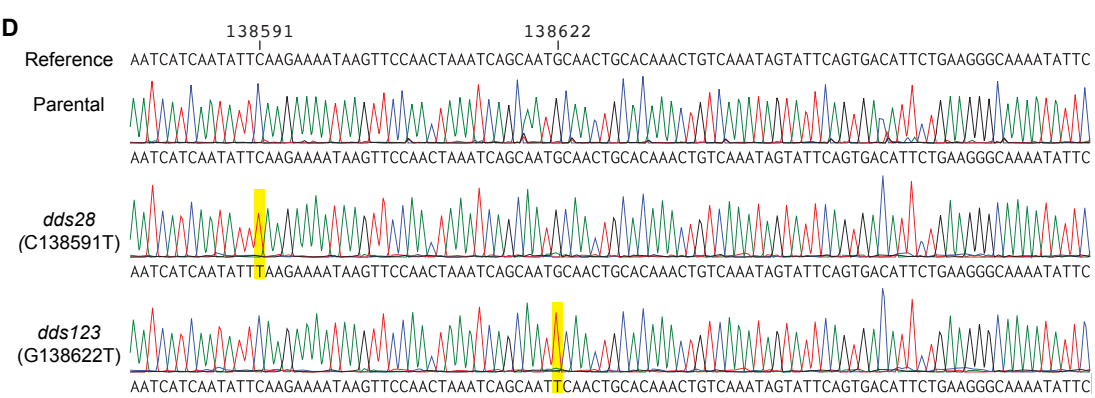
A

Strain	Mutation	Amino acid sequence	
Parental		TKGVLMAVITMTRKLQ*	
dds54	G721Δ	TKVF*	Truncations
dds1	T727Δ	TKGV*	Truncations
dds59	T740Δ	TKGVLMAVIR*	Truncations
dds61	A748C	TKGVLMAVITMPRKLQ*	Substitutions
dds63	A748C	TKGVLMAVITMPRKLQ*	Substitutions
dds60	T758C	TKGVLMAVITMTRKPQ*	Substitutions
dds73	T758C	TKGVLMAVITMTRKPQ*	Substitutions
dds112	T758C	TKGVLMAVITMTRKPQ*	Substitutions
dds12	C760A	TKGVLMAVITMTRKLK*	Substitutions
dds16	C760A	TKGVLMAVITMTRKLK*	Substitutions
dds100	C760A	TKGVLMAVITMTRKLK*	Substitutions
dds52	T763G	TKGVLMAVITMTRKLQGKRSQV*	Extensions
dds58	T763G	TKGVLMAVITMTRKLQGKRSQV*	Extensions
dds65	T763G	TKGVLMAVITMTRKLQGKRSQV*	Extensions
dds57	G764T	TKGVLMAVITMTRKLQGKRSQV*	Extensions

B



C

Strain	Mutation	ORF	
dds2	chrX : C139198G	*DUH1*	*DUH1* mutation only
dds68	chrX : A138691G	*DUH1*	*DUH1* mutation only
dds87	chrX : A138795Δ	*DUH1*	*DUH1* mutation only
dds10	chrX : T137942A	*DUH1*	*DUH1* mutation and others
	chrIV : T1127951G	*UBX5*	*DUH1* mutation and others
dds38	chrX : C138912T	*DUH1*	*DUH1* mutation and others
	chrX : C139941T	–	*DUH1* mutation and others
dds79	chrX : C138013G	*DUH1*	*DUH1* mutation and others
	chrXII : G823851A	*KAP95*	*DUH1* mutation and others
dds93	chrX : G138357T	*DUH1*	*DUH1* mutation and others
	chrIV : T426372A	*TSC13*	*DUH1* mutation and others
dds119	chrX : G138308A	*DUH1*	*DUH1* mutation and others
	chrIV : A1286449C	*TRS120*	*DUH1* mutation and others
dds7	chrX : T138841G	*DUH1*	*DUH1* mutation and others
	chrM : C9047T	–	*DUH1* mutation and others
	chrM : G9077A	–	*DUH1* mutation and others
dds104	chrX : C138797G	*DUH1*	*DUH1* mutation and others
	chrXI : G174711A	*RPT1*	*DUH1* mutation and others
	chrXIII : C453729T	–	*DUH1* mutation and others
dds123	chrX : G138622T	*DUH1*	*DUH1* mutation and others
	chrX : G515130T	*NUP85*	*DUH1* mutation and others
	chrXIII : C453729T	–	*DUH1* mutation and others
dds28	chrX : C138591T	*DUH1*	*DUH1* mutation and others
	chrVII : G724117A	*SPT6*	*DUH1* mutation and others
	chrXVI : C70866T	*HFI1*	*DUH1* mutation and others
	chrXVI : C321950T	–	*DUH1* mutation and others
dds50	chrX : C137891A	*DUH1*	*DUH1* mutation and others
	chrII : A588296C	*FZO1*	*DUH1* mutation and others
	chrIV : G742119Δ	*SAN1*	*DUH1* mutation and others
	chrVII : A777270T	*SKN1*	*DUH1* mutation and others
dds64	chrX : C138793G	*DUH1*	*DUH1* mutation and others
	chrVII : G138629T	*GCN1*	*DUH1* mutation and others
	chrXIII : C453729T	–	*DUH1* mutation and others
	chrXIV : C695355A	–	*DUH1* mutation and others
dds70	chrX : C139198G	*DUH1*	*DUH1* mutation and others
	chrI : G45393A	*CAT8*	*DUH1* mutation and others
	chrIX : T240510A	*RNR3*	*DUH1* mutation and others
	chrXII : G370004A	*CCW12*	*DUH1* mutation and others
dds91	chrX : G139089T	*DUH1*	*DUH1* mutation and others
	chrII : T38060G	*ATP1*	*DUH1* mutation and others
	chrX : G293296A	*PRY3*	*DUH1* mutation and others
	chrXIII : G759834C	*FAA4*	*DUH1* mutation and others
	chrM : C84203T	–	*DUH1* mutation and others
	chrM : C84205T	–	*DUH1* mutation and others
dds89	chrX : T139106G	*DUH1*	*DUH1* mutation and others
	chrXIV : C201687G	*LAP3*	*DUH1* mutation and others
	chrXIV : A283937T	–	*DUH1* mutation and others
	chrXVI : G259317A	*KIP2*	*DUH1* mutation and others
	chrM : C2099T	–	*DUH1* mutation and others
	chrM : G2101C	–	*DUH1* mutation and others
	chrM : G9038Δ	–	*DUH1* mutation and others
	chrM : G62868Δ	–	*DUH1* mutation and others
dds80	chrVII : T409403G	*TIF4632*	No *DUH1* mutation
dds83	–		No mutation identified
dds85	–		No mutation identified

D