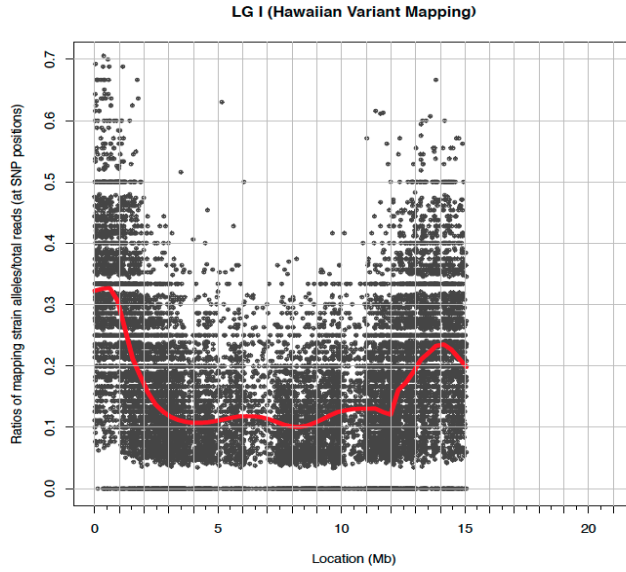


# FIGURE S1

## A



#	Chr	Position	Refer	Change	Change	Homoz	Quality	Coverage	Gene_name	Bio_type	Effect	old_AA/new_AA	Old_codon/New_codon
1		2379644	C	T	SNP	Hom	435.13	12	sydn-1	protein_codi	NON_SYNONYMOUS_CODING	M/I	atG/atA
1		5042625	*	#NAME?	DEL	Hom	424.9	10	C46H11.7	protein_codi	CODON_DELETION	T/-	acc/-
1		6627884	C	T	SNP	Hom	473.86	13	D2092.10	protein_codi	NON_SYNONYMOUS_CODING	S/N	aGt/aAt
1		6801829	*	#NAME?	INS	Hom	689.09	13	E0ZD9.1	protein_codi	SPLICE_SITE_ACCEPTOR		
1		6903858	C	T	SNP	Hom	664.99	19	smg-1	protein_codi	NON_SYNONYMOUS_CODING	D/N	Gat/Aat
1		6903858	C	T	SNP	Hom	664.99	19	smg-1	protein_codi	NON_SYNONYMOUS_CODING	D/N	Gat/Aat
1		7301404	C	G	SNP	Hom	732.53	20	ttx-7	protein_codi	NON_SYNONYMOUS_CODING	G/A	gGc/gCc
1		7301404	C	G	SNP	Hom	732.53	20	ttx-7	protein_codi	NON_SYNONYMOUS_CODING	G/A	gGc/gCc
1		10113280	*	#NAME?	DEL	Hom	1004.58	27	Y106G6D.3	protein_codi	FRAME_SHIFT: Y106G6D.3		
1		11145688	*	#NAME?	INS	Hom	582.05	14	ZK39.9	protein_codi	FRAME_SHIFT: ZK39.9		
1		13101700	*	#NAME?	DEL	Hom	230.37	12	Y26D4A.21	protein_codi	FRAME_SHIFT: Y26D4A.21		
1		14349946	*	+C	INS	Hom	902.92	21	Y105E8A.2	protein_codi	SPLICE_SITE_DONOR		

## B

