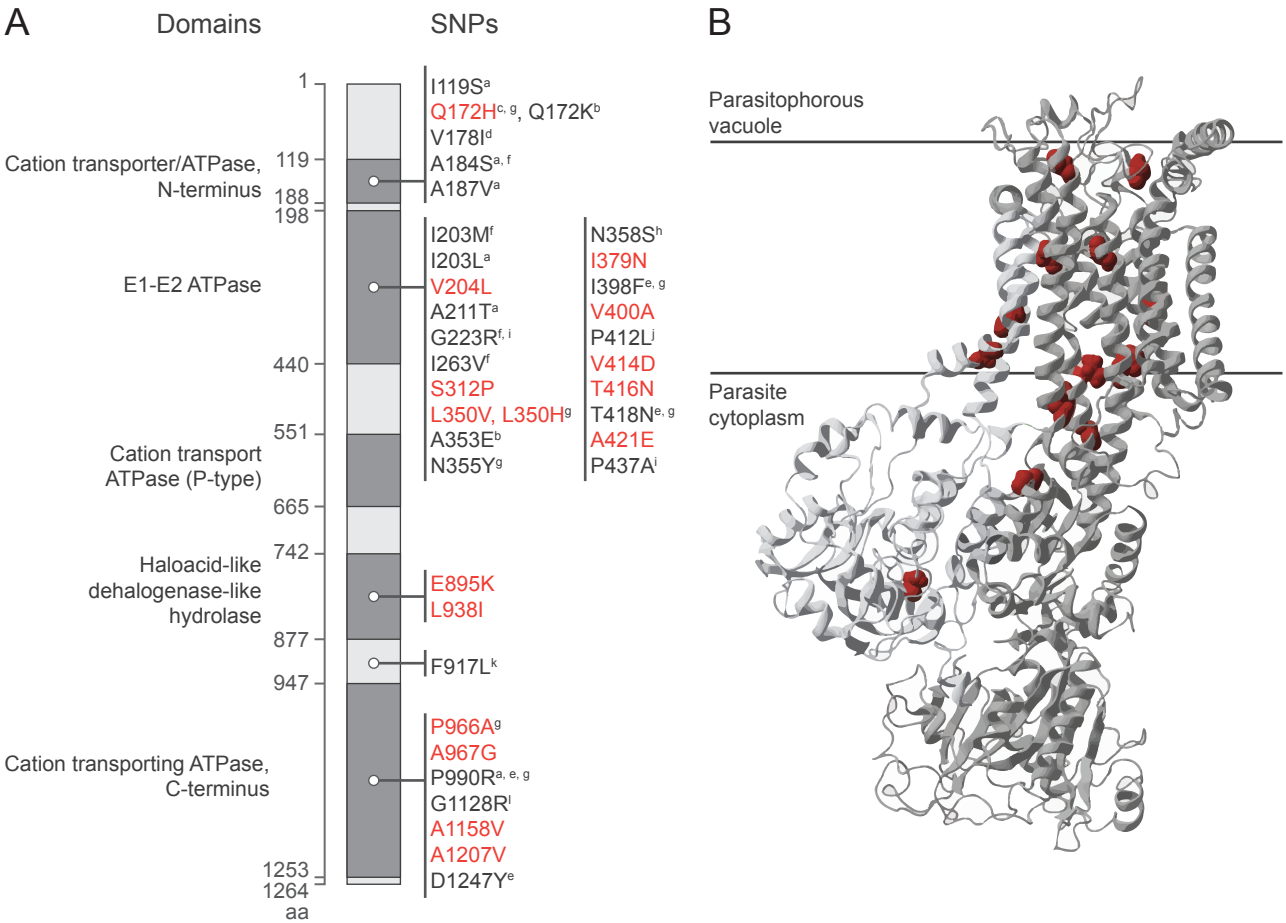
S1 Figure


A
Domains
SNPs
1
119
188
198
440
551
665
742
877
947
1253
1264
aa
Cation transporter/ATPase, N-terminus
E1-E2 ATPase
Cation transport ATPase (P-type)
Haloacid-like dehalogenase-like hydrolase
Cation transporting ATPase, C-terminus
I119S[a]
Q172H[c, g], Q172K[b]
V178I[d]
A184S[a, f]
A187V[a]
I203M[f]
I203L[a]
V204L
A211T[a]
G223R[f, i]
I263V[f]
S312P
L350V, L350H[g]
A353E[b]
N355Y[g]
N358S[h]
I379N
I398F[e, g]
V400A
P412L[j]
V414D
T416N
T418N[e, g]
A421E
P437A[i]
E895K
L938I
F917L[k]
P966A[g]
A967G
P990R[a, e, g]
G1128R[l]
A1158V
A1207V
D1247Y[e]
B
Parasitophorous vacuole
Parasite cytoplasm