Table 1: List of HAMs predicted Fisher's exact test (FET). In the last column a "+" marks experimental confirmation and a "-" a failed confirmation. Column "post.prob." shows the corresponding posterior probabilities for positive associations computed with HAMdetector.

replacement	allele	p-value (FET)	post. prob.	confirmed
S170N	B*15	$3 \cdot 10^{-8}$	0.99	+
D101E	B*37	0.0002	0.96	+
R105K	B*27	0.0011	0.93	+
R139K	B*41	0.0034	0.92	+
E47D	B*18	0.0027	0.90	+
D33E	B*13	0.0001	0.86	-
T134A	A*68	0.0045	0.82	-
K43R	B*13	0.0021	0.77	-
P89T	B*37	0.0011	0.75	+
D47E	A*30	0.0010	0.76	-
K113R	B*13	0.0043	0.76	-
A107T	B*14	0.0028	0.70	-
P49L	A*30	0.0031	0.63	-
Q100L	B*13	0.0018	0.60	-
D96E	B*13	0.0035	0.51	-
E46D	A*02	0.0054	0.97	?
V81I	A*68	0.0073	0.97	?
K113N	B*08	0.0063	0.96	?
A71T	B*41	0.0065	0.96	?
L188I	A*68	0.0632	0.94	?
T95S	A*01	0.0285	0.93	?
D33E	A*03	0.0226	0.93	?
P49L	B*13	0.0035	0.92	?
A74S	A*68	0.0123	0.91	?
E29D	B*44	0.0559	0.91	?
D46E	B*57	0.0190	0.91	?
R88K	A*68	0.0123	0.91	?
T149P	B*52	0.0281	0.91	?
K43R	A*02	0.2158	0.90	?
N22S	B*08	0.0405	0.90	?