

Table S21 Functional annotation of extremely differentiated convergent SNPs

Chr	Position	SNP classification	Fbgn	Gene Name	Functional Summary	AUFST	NAFST	Codon change	AA change
3R	15229365	five prime UTR	FBgn0038704	Aprataxin-like protein	DNA repair, metal binding	5.24E-01	6.31E-01	NA	NA
3R	12842274	five prime UTR	FBgn0004577	Dmel_CG15337	Unknown	5.26E-01	5.22E-01	NA	NA
X	8054656	nonsynonymous	FBgn0030014	Dmel_CG31091	lipid and ester catabolism	5.12E-01	4.65E-01	ATG->TTG	M->L
2R	7013061	nonsynonymous	FBgn0053503	Dmel_CG4218	Unknown	8.23E-01	6.75E-01	TTA->TCA	L->S
2L	14547899	nonsynonymous	FBgn0250844	Dmel_CG6454	calcium channel membrane targeting	5.12E-01	4.65E-01	AAG->ATG	K->M
3R	20766471	nonsynonymous	FBgn0029157	Peroxidase	response to oxidative stress /peroxide metabolism	8.23E-01	5.46E-01	TTG->TTC	L->F
3R	20177828	nonsynonymous	FBgn0039187	Probable cytochrome P450 12d1	oxidation/reduction, metal binding	6.44E-01	6.45E-01	ACT->AGT	T->S
3R	21727544	nonsynonymous	FBgn0051091	slingshot	eye development/mushroom body development	7.39E-01	7.55E-01	TCC->GCC	S->A