

S9 Table. List of additional genes with significant colour pattern associations on the cortex scaffold from Nadeau *et al.* [30] that overlap with or are in proximity of selection signatures detected in this study.

Hm gene IDs	He gene IDs	Putative gene name	Position relative to cortex	Comment	Number ID in S17 Fig and S18 Fig
HM00002	HERA000036	Acylpeptide hydrolase	downstream		6
HM00008	HERA000040		downstream		7
HM00012	HERA000042	<i>CG2519</i>	downstream		8
HM00019	HERA000052	<i>BmSuc2</i>	downstream		9
HM00026	HERA000077	Poly-A specific ribonuclease <i>parn</i>	upstream		14
HM00031	HERA000083		upstream		15
HM00032	HERA000084	Zinc phosphodiesterase	upstream		16
HM00033	HERA000085	Serine/threonine-protein kinase <i>LMTK1</i>	upstream	strong, consistent selection signal in <i>H. melpomene</i>	17
HM00034	HERA000086	WD repeat domain <i>Wdr13</i>	upstream		18
HM00035	HERA000087	<i>domeless</i>	upstream	truncated sequence	19/10
HM00036	HERA000061	<i>washout / WAS homologue 1</i>	upstream	strong evidence in Nadeau <i>et al.</i> 2016	20/11
HM00037	annotated as evm.TU.Herato1505.96 in <i>H. erato demophon v1</i>	<i>domeless</i>	upstream	complete sequence, not considered in Nadeau <i>et al.</i> 2016	21/12
HM00038	HERA000062	<i>lethal (2) k05819 CG3054</i>	upstream	strong, consistent selection signal in <i>H. erato</i>	22/13
HM00052	HERA000076		upstream		23