

TABLE S1

We report average polymorphism per 1kb ( $\pi$ ) and Fay and Wu's  $H$  for each population, as well as mean  $F_{ST}$  and size of highly-differentiated genomic regions for the normally-recombining portion of each chromosome arm.

chromosome	$\pi$		Fay and Wu's $H$		$F_{ST}$	differentiated region size
	Queensland	Tasmania	Queensland	Tasmania		
2L	5.060	3.146	-0.108	-0.500	0.116	2206
2R	4.905	3.284	-0.272	-0.428	0.107	2507
3L	5.051	3.130	-0.125	-0.426	0.111	2013
3R	5.010	3.117	0.043	-0.442	0.124	3295
X	2.926	2.121	-0.500	-0.456	0.097	1899