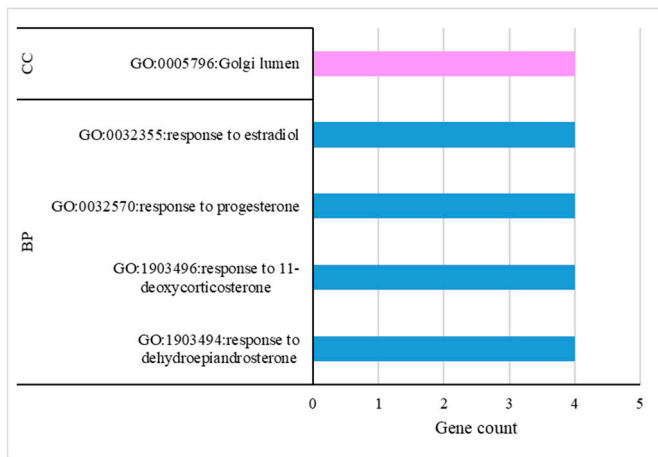
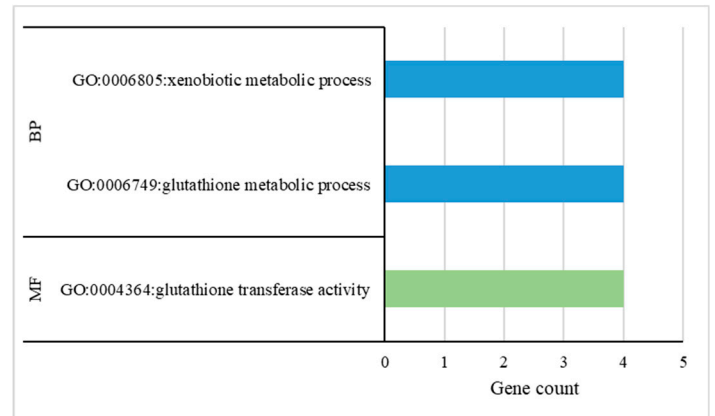


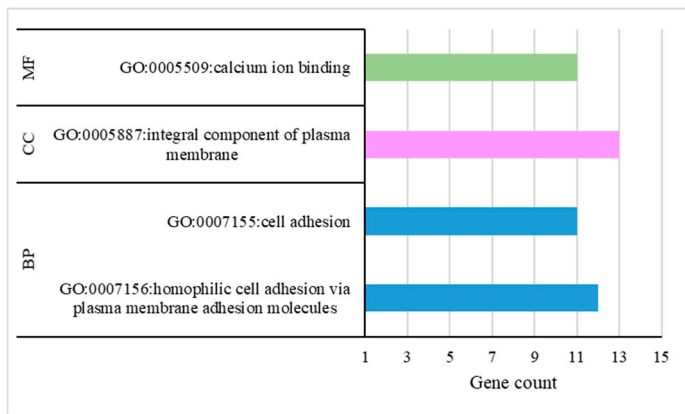
Supplementary Materials:



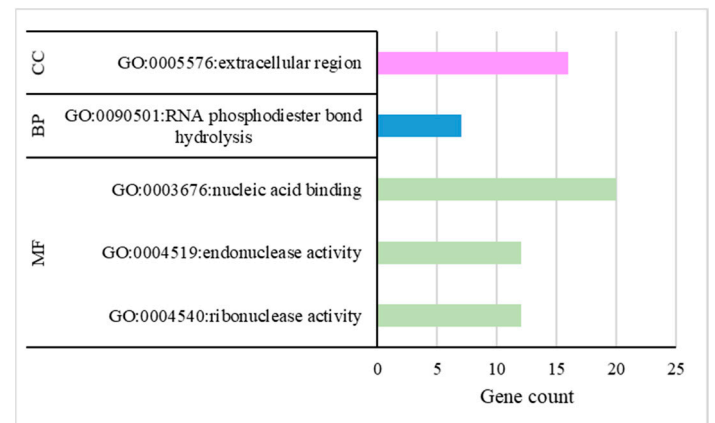
(a)



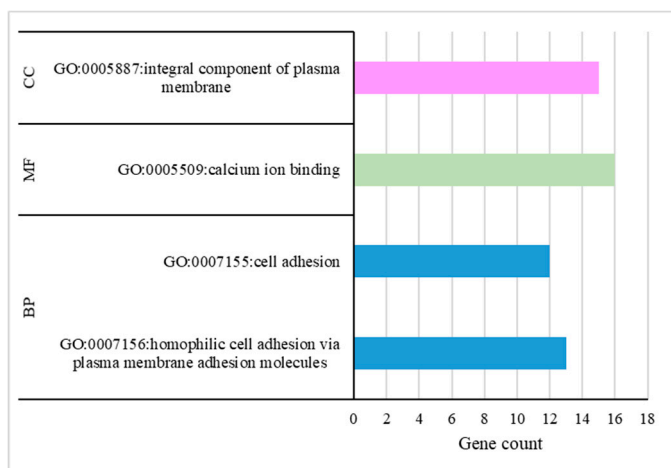
(b)



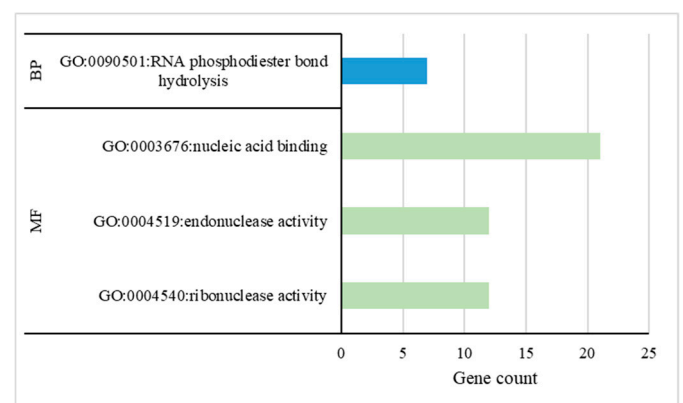
(c)



(d)



(e)



(f)

Supplementary Figure S1. Functional annotation clustering of the gene ontology terms (BP: Biological process, CC: Cellular Component and MF: Molecular Functions) for the selection sweeps for urban_vs_rural (positive (a), negative (b)), urban_vs_mixed (positive (c), negative (d)) and rural_vs_mixed (positive (e), negative (f)) comparisons.

Supplementary Table S1: Details of genes that were common for urban_rural, urban_mixed and rural_mixed selection signature comparisons

Ensemble Gene ID	Gene Name
ENSBTAG00000006620	solute carrier family 24 member 4(<i>SLC24A4</i>)
ENSBTAG00000010416	Ras and Rab interactor 3(<i>RIN3</i>)
ENSBTAG00000010758	small integral membrane protein 5(<i>SMIM5</i>)
ENSBTAG00000011713	Myosin XVB (<i>A0A3Q1M5U4_BOVIN</i>)
ENSBTAG00000011715	RecQ like helicase 5(<i>RECQL5</i>)
ENSBTAG00000011717	SAP30 binding protein(<i>SAP30BP</i>)
ENSBTAG00000014248	MIER family member 3(<i>MIER3</i>)
ENSBTAG00000014964	galactokinase 1(<i>GALK1</i>)
ENSBTAG00000018169	integrin subunit beta 4(<i>ITGB4</i>)
ENSBTAG00000020067	LLGL scribble cell polarity complex component 2(<i>LLGL2</i>)
ENSBTAG00000024909	H3.3 histone B(<i>H3-3B</i>)
ENSBTAG00000047510	small integral membrane protein 6(<i>SMIM6</i>)
ENSBTAG00000051466	unc-51 like kinase 4(<i>ULK4</i>)