

**Table S8 GO term enrichment for cellular component in the Australian cline for genes that overlap windows in the top 2.5% tail of Fst.**

2.5 % Tail Cellular Component		
GO term	q-value	description
GO:0005886	2.11E-13	plasma membrane
GO:0005634	1.38E-06	nucleus
GO:0005887	5.67E-05	integral to plasma membrane
GO:0005918	1.44E-04	septate junction
GO:0045211	9.38E-04	postsynaptic membrane
GO:0005912	1.42E-03	adherens junction
GO:0035003	1.42E-03	subapical complex
GO:0016327	1.42E-03	apicolateral plasma membrane
GO:0016324	1.42E-03	apical plasma membrane
GO:0045202	2.26E-03	synapse
GO:0016021	2.37E-03	integral to membrane
GO:0008076	3.27E-03	voltage-gated potassium channel complex
GO:0016459	5.74E-03	myosin complex
GO:0008021	6.02E-03	synaptic vesicle
GO:0045179	8.90E-03	apical cortex
GO:0043234	8.90E-03	protein complex
GO:0005667	1.15E-02	transcription factor complex
GO:0042600	1.48E-02	chorion
GO:0005622	1.68E-02	intracellular
GO:0016020	1.76E-02	membrane
GO:0005578	1.92E-02	proteinaceous extracellular matrix
GO:0005739	2.91E-02	mitochondrion
GO:0005875	3.68E-02	microtubule associated complex
GO:0005938	4.85E-02	cell cortex