

Online Resource 2. SNPs detected by *DRB3* exon 2 re-sequencing

Allele	Freq in Icelandic's	Freq in Exmoor's	g.33364593C>T	g.33364687insT	g.33364692A>C	g.33364694T>A	g.33364763T>C	g.33364791A>T	g.33364796A>G	g.33364815G>C	g.33364817C>T	g.33364832T>C	g.33364839A>G	g.33364842A>T	g.33364843G>C	g.33364848A>G	g.33364853G>T	g.33364854G>A	g.33364861G>C	g.33364867T>C	g.33364868A>T	g.33364909G>C	g.33364942del(X)	g.33364946G>C	g.33364948A>G	g.33364949G>A	g.33364998C>G	g.33364999A>G	g.33365011T>G	g.33365012A>T	g.33365013C>G	g.33365019A>G	g.33365030C>G	g.33365054A>C	Genbank Accession number	
1	0.440	0.661	C	-	C	T	T	A	A	.	T	C	G	T	C	G	T	A	C	C	T	C	C	C	G	A	G	G	G	T	G	A	G	A	JN035622	
1.2	0.082	0.115	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	JN035623
2	0.016	0.000	.	-	.	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	A	G	.	.	.	.	.	.	.	.	JN035626
3	0.206	0.000	T	-	A	.	C	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	A	G	.	.	.	.	.	G	.	C	JN035624	
3.1	0.003	0.000	T	-	A	.	C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	A	G	.	.	.	.	.	G	.	C	JN035621	
3.2	0.003	0.083	T	-	A	A	C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	A	G	.	.	.	.	.	.	G	.	C	JN035627	
4	0.187	0.083	.	-	A	.	.	.	.	G	C	T	A	A	G	A	G	G	G	T	A	G	.	G	A	G	C	A	T	A	C	.	C	JN035625		
5	0.063	0.057	.	-	A	.	.	.	.	G	C	T	A	A	G	A	G	G	G	T	A	G	-	-	-	-	C	A	T	A	C	.	.	.	JN035628	
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X=CGGCGGAGCGCCGAG

*= Non-synonymous substitution

gray indicates coding differences.

The Same ELA Class II Risk Factors Confer Equine Insect Bite Hypersensitivity in Two Distinct Populations

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