

Table 1. Top 10 ranked SNP markers based on the marker effects from BayesA, BayesB, BayesC and Bayesian Lasso models by genome locations for MUFA in Canadian Holstein cows

BayesA			BayesB			BayesC			Bayesian Lasso		
rs Number	BTA	bp	rs Number	BTA	bp	rs Number	BTA	bp	rs Number	BTA	bp
rs42111623	26	48735383	rs41880734	18	42758345	rs110638778	14	1092614	rs41880734	18	42758345
rs41880734	18	42758345	rs42111623	26	48735383	rs41880734	18	42758345	rs110638778	14	1092614
rs110638778	14	1092614	rs110638778	14	1092614	rs42111623	26	48735383	rs448130412	14	2812509
rs448130412	14	2812509	rs133629644	14	215462	rs377797332	7	48192667	rs42111623	26	48735383
rs133629644	14	215462	rs137789897	22	57071678	rs209492748	30	45868104	rs42111624	26	48735390
rs137789897	22	57071678	rs134105273	22	42708758	rs448130412	14	2812509	rs209492748	30	45868104
rs42588640	9	28264373	rs448130412	14	2812509	rs133629644	14	215462	rs110133537	25	11936462
rs378477191	9	28264372	rs42111624	26	48735390	rs42588640	9	28264373	rs137789897	22	57071678
rs110987266	22	42708786	rs451263238	30	71111242	rs135489303	2	12552526	rs209631650	12	16961690
rs134105273	22	42708758	rs377797332	7	48192667	rs209531630	22	42708765	rs132852068	14	10268887

Table 2. Top 10 ranked SNP markers based on the marker effects from BayesA, BayesB, BayesC and Bayesian Lasso models by genome locations for PUFA in Canadian Holstein cows

BayesA			BayesB			BayesC			Bayesian Lasso		
rs Number	BTA	bp	rs Number	BTA	bp	rs Number	BTA	bp	rs Number	BTA	bp
rs109371621	18	44904859	rs109371621	18	44904859	rs109371621	18	44904859	rs134082827	12	8657337
rs134082827	12	8657337	rs134082827	12	8657337	rs134082827	12	8657337	rs109371621	18	44904859
rs109994977	22	42708883	rs134882452	13	80136034	rs109994977	22	42708883	rs42111624	26	48735390
rs134882452	13	80136034	rs109994977	22	42708883	rs42111624	26	48735390	rs134882452	13	80136034
rs42111623	26	48735383	rs42111624	26	48735390	rs134882452	13	80136034	rs109994977	22	42708883
rs42111624	26	48735390	rs110915938	22	42708875	rs110915938	22	42708875	rs110915938	22	42708875
rs42870023	1	149105951	rs42111623	26	48735383	rs110638778	14	1092614	rs42111623	26	48735383
rs110915938	22	42708875	rs42870023	1	149105951	rs41648615	25	21853411	rs41648615	25	21853411
rs208938054	3	68017963	rs133629644	14	215462	rs42111623	26	48735383	rs42870023	1	149105951
rs133629644	14	215462	rs209328075	14	392338	rs208938054	3	68017963	rs209328075	14	392338

Table 3. Top 10 ranked SNP markers based on the marker effects from BayesA, BayesB, BayesC and Bayesian Lasso models by genome locations for SFA in Canadian Holstein cows

BayesA			BayesB			BayesC			Bayesian Lasso		
rs Number	BTA	bp	rs Number	BTA	bp	rs Number	BTA	bp	rs Number	BTA	bp
rs42111624	26	48735390	rs110638778	14	1092614	rs42111623	26	48735383	rs110638778	14	1092614
rs42111623	26	48735383	rs42111623	26	48735383	rs110638778	14	1092614	rs42111623	26	48735383
rs41880734	18	42758345	rs42111624	26	48735390	rs41880734	18	42758345	rs133629644	14	215462
rs110638778	14	1092614	rs41880734	18	42758345	rs42111624	26	48735390	rs41880734	18	42758345
rs133629644	14	215462	rs133629644	14	215462	rs133629644	14	215462	rs134105273	22	42708758
rs137789897	22	57071678	rs448130412	14	2812509	rs137789897	22	57071678	rs209531630	22	42708765
rs134105273	22	42708758	rs110987266	22	42708786	rs448130412	14	2812509	rs42111624	26	48735390

rs109994977	22	42708883	rs109994977	22	42708883	rs132852068	14	10268887	rs379326279	5	111400358
rs448130412	14	2812509	rs132852068	14	10268887	rs210280328	22	16306089	rs210280328	22	16306089
rs384784549	22	26536827	rs137789897	22	57071678	rs110987266	22	42708786	rs110987266	22	42708786
