

Additional Table 3 - Haplotype frequencies for the 23-bp and 12-bp insertion/deletion polymorphism for each breed

The 23-bp insertion-12-bp insertion (++), 23-bp deletion-12-bp insertion (-+), and 23-bp deletion-12-bp deletion (--) haplotype frequencies for each breed of *B. indicus*, *B. taurus*, and *B. indicus* x *B. taurus* composite cattle.

	n	++	-+	--
B. indicus				
Brahman ^{a,b}	60	0.18	0.77	0.05
Nelore ^{a,b}	28	0.00	0.93	0.07
Gir ^a	24	0.13	0.50	0.38
Guzerat ^a	2	0.00	0.50	0.50
Tabapua ^a	2	0.00	1.00	0.00
Total B. indicus	116	0.12	0.75	0.13
Crossbred				
Santa Gertrudis ^{a,b}	18	0.17	0.17	0.67
Brangus ^{a,b}	32	0.19	0.38	0.44
Beefmaster ^b	8	0.00	0.25	0.75
Braford ^b	8	0.13	0.13	0.75
Bramousin ^b	4	0.75	0.00	0.25
Simbrah ^b	6	0.33	0.50	0.17
Total Crossbred	76	0.20	0.28	0.53
B. taurus				
Shorthorn ^{a,b}	38	0.08	0.00	0.92
US Holstein ^c	1380	0.43	0.04	0.52
UK Holstein ^d	540	0.29	0.08	0.63
German Holstein ^e	160	0.33	0.06	0.61
German Fleckvieh ^e	120	0.31	0.07	0.63
German Brown ^e	82	0.56	0.28	0.16
Swiss Brown ^e	206	0.61	0.17	0.22
Swiss Scharzfleck ^e	52	0.52	0.06	0.42
Swiss Simmental x Red Holstein ^e	242	0.45	0.08	0.47
Polish Holstein ^f	281	0.35	0.11	0.52
Korean Holstein ^g	104	0.30	0.09	0.62
Other ^{b,h}	126	0.34	0.08	0.58
Total B. taurus	3604	0.40	0.08	0.53

^aThis study, ^bSeabury et al., 2004a,b, ^cBrunelle et al., 2007, ^dJuling et al., 2006, ^eHaase et al., 2007, ^fCzarnik et al., 2007, ^gJeong et al., 2006, ^hCombination of 20 *B. taurus* breeds (see Methods for details)