

**Table S1.** Microsatellite allele size and number of animals positive for each allele in a sample population of 320 horses and 33 unknown breed ponies<sup>a</sup>.

Microsatellite Locus/Location	Allele (bp)	Horse	Pony
UMN-JH34-2 - 29,232,117 bp			
	193	3	
	197	28	1
	203	5	
	205	26	
	207	84	5
	209	12	16
	211	163	4
	215	14	1
	217	38	3
	219	44	2
	221	149	
	223	1	
COR112- 33,282,568 bp			
	236	120	
	243	20	
	244	1	2
	248	1	3
	250	1	
	252	45	8
	254	107	2
	256	19	
	258	2	3
	260	14	14
	262	163	9
	264	36	
	268	20	2
COR113- 33,480,869 bp			
	260	88	17
	264	56	
	266	104	3
	268	121	8
	270	89	7
	272	55	
	274	48	4
	280	11	5
UM011- 33,510,218 bp			
	160	1	
	164	1	
	166	6	7
	168	93	6
	170	31	
	172	126	14
	174	70	
	176	55	5
	177	1	11
	178	7	1
	179	83	
	180	62	
	184	36	7
COR114- 33,516,405 bp			
	235	73	
	237	3	
	239	4	

---

241	81	14
243	136	10
245	91	8
247	78	15
249	45	8
251	5	
255	55	

<sup>a</sup> Ponies are shown separately to emphasize that some microsatellite alleles were more commonly detected in ponies than in other breeds of horses tested.