

Table S1. Prior reports of whole-genome SNP data for samples included in this study and the number of samples from which data had not been previously reported. Genotype data from Petersen *et al.* (2013a,b) are available at: <http://www.animalgenome.org/repository/pub/UMN2012.1130/> and <http://www.animalgenome.org/repository/pub/UMN2013.0125/>

Breed	SNP Data Previously Reported (N)	New SNP Data
Belgian	McCue et al 2012 (14), Petersen et al 2013a,b (16)	11
Clydesdale	Petersen et al 2013a,b	0
Florida Cracker	Petersen et al 2013a,b	0
Mangalarga	Petersen et al 2013a,b	0
Missouri Fox Trotter	na	21
Mongolian	McCue et al 2012 (20); diversity, selection (18)	0
Morgan	Petersen et al 2013a,b	0
New Forest Pony	Petersen et al 2013a,b	0
PR Paso Fino	Petersen et al 2013a,b	0
Shetland	Petersen et al 2013a,b	0
Standardbred	Petersen et al 2013a	0
Tennessee Walking Horse	Petersen et al 2013a,b	0
Thoroughbred	McCue et al 2012 (13), Petersen et al 2013a,b (13)	18
McCue et al 2012. PLoS Genetics 8:e1002451		
Petersen et al 2013a. PLoS One 8:e54997		
Petersen et al 2013b. PLoS Genetics 9:31003211		