

Table S1: Details of Horses used in this study

Non Affected Peruvian Pintos	Horse #	Breed	Sex	Age (years)	Assay
	1	Peruvian Paso	Gelding	19	ADSC
	2	Peruvian Paso	Stallion	18	ADSC
	3	Peruvian Paso	Gelding	18	ADSC; Frozen-ADSC;
	4	Peruvian Paso	Mare	26	ADSC; SLT
	5	Peruvian Paso	Mare	14	Frozen-ADSC; ADSC; SLT
DSLID Affected Peruvian Pintos					
	6	Peruvian Paso	Gelding	18	ADSC; Frozen-ADSC;SLT
	7	Peruvian Paso	Gelding	9	ADSC
	8	Peruvian Paso	Gelding	5	ADSC
	9	Peruvian Paso	Mare	14	ADSC; Frozen-ADSC;
	10	Peruvian Paso	Mare	12	ADSC
	11	Peruvian Paso	Mare	8	ADSC
	12	Peruvian Paso	Mare	15	SLT
	13	Peruvian Paso	Mare	13	SLT
	14	Peruvian Paso	Mare	21	SLT
Normal horses					
	15	Arabian	Gelding	31	SLT
	16	Arabian	Gelding	19	SLT
	17	Appaloosa	Gelding	11	SLT
	18	Thoroughbred	Mare	26	SLT
	19	Thoroughbred	Mare	25	SLT
	20	Irish warmblood	Mare	8	SLT