

Supplemental Table S3. X-linked genes selection for pyrosequencing verification in horse chorionic girdle samples.

gene_name	SNP_ID	chr	position	ref_allele	alter_allele	refseq_ID	# of info indiv.*
<i>PDHA1</i>	CUHSNP00032726	chrX	14246412	C	T	XM_001492157	4
<i>EIF1AX</i>	CUHSNP00035646	chrX	14907621	G	A	XM_001492728	4
<i>ATP6AP2</i>	CUHSNP00015315	chrX	32869285	T	C	XM_001489026	3
<i>RP2</i>	CUHSNP00028003	chrX	38031051	G	A	XM_001491267	3
<i>CLCN5</i>	CUHSNP00149947	chrX	40134995	G	A	XM_001495925	4
<i>HUWE1</i>	CUHSNP00149956	chrX	44790291	A	G	XM_001914789	4
<i>RGAG4</i>	CUHSNP00000794	chrX	53779829	G	A	H_NM_001024455	4
<i>MAGT1</i>	CUHSNP00082414	chrX	57740961	C	T	XM_001501635	5
<i>UPF3B</i>	CUHSNP00103214	chrX	95286927	T	C	XM_001914996	5
<i>GPC3</i>	CUHSNP00010650	chrX	106162925	G	A	XM_001488331	3
<i>RBMX</i>	CUHSNP00018344	chrX	108888034	T	G	XM_001489551	3
<i>CXorf40A</i>	CUHSNP00070042	chrX	118950251	T	C	XM_001499519	4
<i>NAA10</i>	CUHSNP00040545	chrX	122383239	A	G	XM_001493737	4
<i>FLNA</i>	CUHSNP00105456	chrX	122657008	C	T	XM_001915293	4

*: number of informative (heterozygous) individuals out of five female horse samples.