

Supplemental Table S2. X-linked genes selection for pyrosequencing verification in mule chorionic girdle samples.

gene_id	chr	tstart	tend	strand	gene_name	refseq_id	SNP_ID
H_NR_001564*	chrX	55226246	55258109	-	<i>XIST</i>	NA	X_55242767
ENSECAG00000022295	chrX	6673	13447	+	<i>AKAP17A</i>	XM_001499533	CUHSNP00175936
ENSECAG00000009190	chrX	8771570	8773708	+	<i>TMSB4X</i>	NM_001163948	CUHSNP00014035
ENSECAG00000006469	chrX	14904680	14922996	-	<i>EIF1AX</i>	XM_001492728	CUHSNP00035642
ENSECAG00000019889	chrX	32851079	32869651	+	<i>ATP6AP2</i>	XM_001489026	CUHSNP00015316
ENSECAG00000009901	chrX	33480365	33516110	+	<i>DDX3X</i>	XM_001491432	CUHSNP00028753
ENSECAG00000014002	chrX	38294513	38316675	+	<i>UBA1</i>	XM_001492947	CUHSNP00036879
ENSECAG00000012900	chrX	48138006	48200221	+	<i>MSN</i>	XM_001504861	CUHSNP00099373
ENSECAG00000010771	chrX	52256006	52259201	-	<i>PDZD11</i>	XM_001490186	CUHSNP00021810
ENSECAG00000010852	chrX	53887957	53893643	-	<i>RPS4X</i>	XM_001488012	CUHSNP00008588
ENSECAG00000012612	chrX	60972354	61035260	+	<i>SH3BGRL</i>	XM_001501152	CUHSNP00079637
ENSECAG00000018500	chrX	79765283	79774259	-	<i>GLA</i>	XM_001492649	CUHSNP00035198
ENSECAG00000010802	chrX	87048509	87155736	-	<i>AMMECRI</i>	XM_001489664	CUHSNP00018909
ENSECAG00000020907	chrX	95324843	95328099	+	<i>NDUFA1</i>	XM_001491785	CUHSNP00030331
ENSECAG00000001360	chrX	103401834	103432452	-	<i>AIFM1</i>	XM_001915156	CUHSNP00176322
ENSECAG00000021380	chrX	108881434	108889708	-	<i>RBMX</i>	XM_001489551	CUHSNP00018346
H_NM_001017980*	chrX	120179006	120183563	+	<i>VMA21</i>	NA	CUHSNP00176360
ENSECAG00000022440	chrX	122394059	122419359	-	<i>HCFC1</i>	XM_001493882	CUHSNP00041334

*: The horse gene model is not characterized in horse RefSeq database, the human RefSeq ID is shown here.