

TABLE S4**SPR polymorphisms**

ChrX line	5' UTR -128	5' UTR -124 del C	5' UTR - 123	5' UTR - 80	5' UTR - 73	5' UTR -54	5' UTR -24	5' UTR -18
X10	A	del	G	G	C	T	C	G
X26	T	wt	T	A	T	C	C	T
X33	T	wt	T	G	C	T	C	G
X37	T	wt	T	G	C	T	C	G
X79	A	del	G	G	C	T	G	G
X87	T	wt	T	G	C	T	C	G
X88	T	wt	T	G	C	T	C	G
X97	T	wt	T	G	C	T	C	G
X117	T	wt	T	G	C	T	C	G
X168	T	wt	T	G	C	T	C	G

ChrX line	5' UTR -15 ins C	5' UTR -15	c73 (L25L)	c78 (A26A)	c87 (R29R)	c161 (L54Q)	c258 (E86E)	c285 (C95C)
X10	wt	A	T	C	C	T	G	T
X26	ins	C	C	C	T	T	A	C
X33	wt	A	C	C	T	T	G	T
X37	wt	A	C	C	T	T	G	T
X79	wt	A	T	T	C	T	G	T
X87	wt	A	C	C	T	A	G	T
X88	wt	A	C	C	T	A	G	T
X97	wt	A	C	C	T	T	G	T
X117	wt	A	C	C	T	T	G	T
X168	wt	A	C	C	T	T	G	T

ChrX line	c315 (I105M)	c336 (L112L)	intron 3 + 1670	intron 3 + 1671	c567 (L189L)	c609 (A203A)	c612 (R204R)	c654 (Y218Y)
X10	G	C	C	A	C	C	A	C
X26	C	C	C	A	C	C	A	T
X33	C	C	C	A	C	T	C	C
X37	C	C	A	T	C	T	C	T
X79	C	C	A	T	T	C	A	T
X87	C	C	A	T	C	C	A	T
X88	C	C	A	T	C	C	A	T
X97	C	C	C	A	C	C	A	T
X117	C	T	C	A	T	C	A	T
X168	C	C	C	A	C	C	A	T

ChrX line	c735 (G245G)	c867 (V289V)	c942 (R314R)	c1038 (A346A)	c1047 (T349T)	c1050 (A350A)	c1059 (I353I)	c1164 (I388I)
X10	G	T	A	C	C	A	C	T
X26	C	T	G	T	T	G	C	T
X33	G	A	G	C	T	G	T	C
X37	C	T	G	T	T	G	C	C
X79	C	T	G	T	T	G	C	T
X87	C	T	G	T	T	G	C	T
X88	C	T	G	T	T	G	C	T
X97	C	T	G	T	T	G	C	C
X117	C	T	G	T	T	G	C	C
X168	C	T	G	T	T	G	C	T

ChrX line	c1197 (T399T)	c1200 (F400F)	c1215 (L405L)	c1221 (R407R)	c1233 (K411K)
X10	C	T	C	G	A
X26	T	C	C	G	G
X33	C	T	T	A	A
X37	C	T	T	A	A
X79	T	C	C	G	G
X87	T	C	C	G	G
X88	T	C	C	G	G
X97	C	T	T	A	A
X117	C	T	C	G	G
X168	T	C	C	G	A