

**Table S1: PCR confirmation and fine mapping of the Xp11.22 deletion of subject 1**

Interval Amplified (hg19)	Primer Pair Name	Primer Pair (Forward/Reverse)	Amplicon Size (Base Pairs)	Amplified from subject 1?
chrX:50,729,647-50,729,848	Sub 1 Xp11.22 5' pos control	5'-AAGAACAACACTGCTGGAACCTTTGG-3' 5'-TGCAGCCTTTGTGTTAATGCT-3'	201	Yes
chrX:50,743,151-50,743,384	Sub1 Xp11.22 5' A	5'-ACAATGTAGGCTTTAGCACAACA-3' 5'-GGTGATGCATTGCTAGCATGT-3'	233	Yes
chrX:50,767,670-50,767,871	Sub 1 Xp11.22 5' B	5'-GGAACCTTCCTGCTGAACTAGAG-3' 5'-TTATGGATATTGAAATGCAGTGAGGA-3'	201	Yes
chrX:50,789,502-50,789,911	Sub 1 xp11.22 5' C	5'-TCAGCTGAGACCCTATGCCT-3' 5'-TGGGACAACAATTGCTATTTGTAGA-3'	410	Yes
chrX:50,846,687-50,847,688	Sub 1 Xp11.22 5' min neg control 5'	5'-CATCATTACCCCTGCTGTGC-3' 5'-GATGCACTCATCCCCACTCA-3'	101	No
chrX:51,731,836-51,731,951	Sub 1 Xp11.22 3' min neg control 3'	5'-ACTGCTCAGCGTTAGGGAAG-3' 5'-TGCCCACCTTTGACACCAAT-3'	115	No
chrX:51,773,705-51,773,907	Sub 1 Xp11.22 3' A	5'-GCCCCAAACTCTCCAGTTCT-3' 5'-CCTCTCATCAACAAACGTTCAACC-3'	202	No
chrX:51,786,912-51,787,145	Sub 1 Xp11.22 3' B	5'-CCCCAGCAAGCCTTTCCTT-3' 5'-AGGCGCACAAAATATTTCCGA-3'	233	Yes
chrX:51,805,406-51,805,640	Sub 1 Xp11.22 3' pos control	5'-CATCTAGGACGCTGGTGCTG-3' 5'-ATATCGGGGATGAAGCGCTG-3'	234	Yes