

Table S3. Regions filtered from the X chromosome. Regions of the human X chromosome that aligned with autosomal sequence in either chimpanzee or macaque were excluded from analysis. Regions of high divergence in the non-recombining regions (Supplementary Figure 2 and Supplementary Figure 3), were filtered out for supplementary analysis (Supplementary Table 2).

Chr	Start	End	Alignment	Reason for exclusion	Genes
ChrX	200815	388166	Macaque	Autosomal (Chr 7)	PLCXD1(2) GTPBP6(1) LINC00685(2) PPP2R3B(1)
ChrX	155104073	155256767	Macaque	Autosomal (Chr 11, 13)	VAMP7(5) IL9R(2) DDX11L16(1)
ChrX	155235958	155258790	Chimpanzee	Autosomal (Chr 10, 15)	IL9R(2) DDX11L16(1)
ChrX	3000001	3300001	Chimpanzee	High Divergence	ARSF(3)
ChrX	47900001	48300001	Chimpanzee	High Divergence	ZNF630(5) SSX(15) SPACA5(2)
ChrX	48000001	48300001	Macaque	High Divergence	SSX(14)
ChrX	49100001	49400001	Macaque	High Divergence	CCDC22(1) FOXP3(2) PPP1R3F(2) GAGE(68)
ChrX	52200001	52900001	Macaque	High Divergence	XAGE(33) SSX(14) SPANXN5(1)
ChrX	56700001	56900001	Macaque	High Divergence	LINC01420(1) UQCRBP1(1)
ChrX	58000001	58100001	Macaque	High Divergence	
ChrX	64000001	64100001	Macaque	High Divergence	
ChrX	65500001	65800001	Macaque	High Divergence	
ChrX	70800001	71100001	Macaque	High Divergence	BCYRN1(1) ACRC(1) CXCR3(2) CXorf49(4) LINC00891(1) LOC100132741(1)
ChrX	75500001	75600001	Macaque	High Divergence	
ChrX	75800001	76100001	Macaque	High Divergence	MIR325HG(7)
ChrX	103100001	103400001	Chimpanzee	High Divergence	TMSB15B(1) H2BF(4) LOC(3) SLC25A53(1) ZCCHC18(2)
ChrX	103200001	103400001	Macaque	High Divergence	TMSB15B(1) H2BF(4) LOC(3) SLC25A53(1) ZCCHC18(2)
ChrX	114900001	115100001	Macaque	High Divergence	DANT2(2)
ChrX	119100001	119200001	Macaque	High Divergence	RHOXF1P1(2)
ChrX	120000001	120100001	Macaque	High Divergence	CT47(67)
ChrX	134300001	134400001	Macaque	High Divergence	CT55(2) ZNF75D(1)
ChrX	134700001	135000001	Macaque	High Divergence	DDX26B(1) CT45(19) SAGE1(1)