Supplemental_Table_S1. Characteristics of different segments within hHOR and mHOR and BAC clones used for their visualization

segment	gene number	coordinates	SINEs (bp)	LINEs (bp)	LTRs (bp)	ratio*	BAC names *(symbol on Fig.2)*	nuclear position
Human chromosome 1 (hg19)								
gene-rich	**19**	93,600,000-95,700,300	299.948	439.811	210.334	**0,46**	RP23-221P7 ***(1)*** RP11-103N11 ***(2)***	**EC**
gene desert	**-**	95,700,300-97,100,200	101.379	397.453	171.473	**0,18**	RP11-816I24 ***(3)*** RP11-49A24 ***(4)*** RP11-297I14 ***(5)***	**HC**
gene-poor	**2**	97,100,200-97,800,000	59.704	190.885	41.203	**0,26**	RP11-458J17 ***(6)*** RP11-800M15 ***(7)*** RP11-1105M18 ***(8)*** RP11-1079L22 ***(9)***	**HC**
Mouse chromosome 3 (mm9)								
gene-rich	**11**	122,400,000-120,700,000	195.943	156.555	146.932	**0,65**	RP23-36N13 ***(10)*** RP23-168D24 ***(11)***	**EC**
gene desert	**-**	120,700,000-119,500,000	62.685	261.549	118.540	**0,16**	RP23-357O3 ***(12)*** RP23-101C10 ***(13)***	**HC**
gene-poor	**2**	119,500,000-116,500,600	175.374	614.448	245.469	**0,20**	RP23-235E15 ***(14)*** RP23-263B9 ***(15)*** RP23-331N2 ***(16)*** RP23-307E8 ***(17)***	**HC**
gene-rich	**14**	116,500,600-115,900,000	93.880	54.687	40.369	**0,99**	RP23-87G4 ***(18)*** RP23-23G10 ***(19)*** RP23-114E14 ***(20)*** RP23-221P7 ***(21)***	**EC**

*** ratio = SINEs / (LINEs+LTRs)**