

Supplemental Table 2

Expression differences manifested by genes close to the inversion breakpoints between humans and other primates as determined by real-time PCR

Genes	Cell type	<i>Fibroblasts</i>		<i>Lymphoblastoid cell lines</i>		
		<i>HSA</i> vs. <i>PTR</i>	<i>HSA</i> vs. <i>PTR</i>	<i>HSA</i> vs. <i>PPA</i>	<i>HSA</i> vs. <i>GGO</i>	<i>HSA</i> vs. <i>PPY</i>
<i>MGC34800</i>		Not expressed	Not expressed	Not expressed	Not expressed	Not expressed
<i>LOC401848</i>		No difference	No difference	No difference	No difference	No difference
<i>FLJ43980</i>		Not expressed	4-fold lower expression in <i>HSA</i>	3-fold higher expression in <i>HSA</i>	Not expressed	Not expressed
<i>SHCBP1</i>		2-fold higher expression in <i>HSA</i>	2-fold higher expression in <i>HSA</i>	6-fold higher expression in <i>HSA</i>	100-fold higher expression in <i>HSA</i>	4-fold higher expression in <i>HSA</i>