

Table S3. Genome Synteny – CatSper-1

No obvious synteny between human and mouse chromosomal regions containing CatSper1 and the chicken genome

Genes	<i>TSGA10IP</i>	<i>SART1</i>	<i>EIF1AD</i>	<i>BANF1</i>	<i>CST6</i>	<i>CatSper1</i>	<i>LOC100131232</i>	<i>GAL3ST3</i>	<i>SF3B2</i>	<i>PACSI</i>	<i>KLC2</i>
HsaCh11	+	+	+	+	+	+	+	+	+	+	+
MusCh9	+	+	+	+	+	+	+	+	+	+	+
GgaCh	-	(?)	-	(?)	-	-	-	-	-	+	+
										Ch3	Ch3

TSGA10IP, testis specific, 10 interacting protein;
SART1, squamous cell carcinoma antigen recognized by T cells;
EIF1AD, eukaryotic translation initiation factor 1A domain containing;
BANF1, barrier to autointegration factor 1;
CST6, cystatin E/M;

LOC100131232, hypothetical LOC100131232;
GAL3ST3, galactose-3-O-sulfotransferase 3;
SF3B2, splicing factor 3b, subunit 2, 145kDa;
PACSI, phosphofurin acidic cluster sorting protein 1;
KLC2, kinesin light chain 2;

Hsa, *H. sapiens*; Mus, *M. musculus*; Gga, *G. gallus*;
 Ch - chromosome.