

Table S6. Genome Synteny – CatSper-4

Genes	<i>TRIM63</i>	<i>PDIK1L</i>	<i>GRRP1</i>	<i>ZNF593</i>	<i>CNKSR1</i>	<i>CATSPER4</i>	<i>EG665186</i>	<i>Ccdc21</i>	<i>Sh3bgrl3</i>	<i>Ubx5</i>	<i>Aim1l</i>
HsaCh1	+	+	+	+	+	+	+	+	+	+	+
MusCh4	+	+	+	+	+	+	+	+	+	+	+
GgaCh23	+	+	+	+	+	-	-	+	+	+	+

TRIM63, tripartite motif-containing 63;
PDIK1L, PDLIM1 interacting kinase 1 like;
GRRP1, glycine/arginine rich protein 1;
ZNF593, zinc finger protein 593;
CNKSR1, connector enhancer of kinase suppressor of Ras 1;

EG665186, predicted gene, EG665186;
Ccdc21, coiled-coil domain containing 21;
Sh3bgrl3, SH3 domain binding glutamic acid-rich protein-like 3;
Ubx5, UBX domain containing 5;
Aim1l, absent in melanoma 1-like;

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