



Supplementary Material

Table S1. Genbank accession number of the sequences used in this study

Species	Common name	Order-Family	Accession number	Data base annotation
<i>Homo sapiens</i>	Human	Primates – Hominidae	NM_001004310.3	Fc receptor-like 6
<i>Pan troglodytes</i>	Chimpanzee	Primates – Hominidae	XM_016930149.2	Fc receptor-like 6
<i>Macaca mulata</i>	Rhesus monkey	Primates – Cercopithecidae	XM_015112823.2	Fc receptor-like 6
<i>Cebus imitator</i>	Panamanian white-faced capuchin	Primates – Cebidae	XM_037729642.1	Fc receptor-like 6
<i>Capra hircus</i>	Goat	Artiodactyla	XM_005677243.3	Fc receptor-like 6
<i>Bubalus bubalis</i>	Water buffalo	Artiodactyla	XM_006061019.4	Fc receptor-like 6
<i>Bos taurus</i>	European cattle	Artiodactyla – Bovidae	XM_015461679.2	Fc receptor-like 6
<i>Oryctolagus cuniculus</i>	European rabbit	Lagomorpha – Leporidae	XM_017345767.1	Fc receptor-like 6
<i>Dasypus novemcinctus</i>	Nine-banded armadillo	Xenarthra – Dasipodidae	XM_023588041.1	Fc receptor-like 6
<i>Dasypus novemcinctus</i>	Nine-banded armadillo	Xenarthra – Dasipodidae	ENSDNOT00000037015.1	Novel gene
<i>Dasypus novemcinctus</i>	Nine-banded armadillo	Xenarthra – Dasipodidae	XM_023588042.1	Fc receptor-like 6
<i>Dasypus novemcinctus</i>	Nine-banded armadillo	Xenarthra – Dasipodidae	XM_023588037.1	Fc receptor-like 6
<i>Dasypus novemcinctus</i>	Nine-banded armadillo	Xenarthra – Dasipodidae	XM_012524200.1	Fc receptor-like 6
<i>Vulpes vulpes</i>	Red fox	Carnivora – Canidae	XM_025986362.1	Fc receptor-like 6
<i>Canis lupus familiaris</i>	Dog	Carnivora – Canidae	ENSCAFT00845055076.1	Fc receptor-like 6
<i>Ailuropoda melanoleuca</i>	Giant panda	Carnivora – Canidae	XM_011217660.3	Fc receptor-like 6
<i>Ursus arctos</i>	Brown bear	Carnivora – Canidae	XM_026487349.3	Fc receptor-like 6



<i>Lynx canadensis</i>	Canada lynx	Carnivora – Felidae	XM_032591719.1	Fc receptor-like 6
<i>Panthera tigris</i>	Tiger	Carnivora – Felidae	XM_042975722.1	Fc receptor-like 6
<i>Felis catus</i>	Domestic cat	Carnivora – Felidae	XM_023247467.1	Fc receptor-like 6
<i>Manis pentadactyla</i>	Chinese pangolin	Pholidota, Manidae	XM_036922675.1	Fc receptor-like 6
<i>Manis javanica</i>	Malayan pangolin	Pholidota, Manidae	XM_037023917.1	Fc receptor-like 6
<i>Mus musculus</i>	House mouse	Rodentia – Muridae	DQ470838.1	Fc receptor-like 6
<i>Rattus norvegicus</i>	Norway rat	Rodentia – Muridae	NM_001164726.1	Fc receptor-like 6
<i>Loxodonta africana</i>	African savanna elephant	Afrotheria, Proboscidea	XM_023553949.1	Fc receptor-like 6
FCRL3				
<i>Homo sapiens</i>	Human	Primates – Hominidae	NM_052939.4	Fc receptor like 3 (FCRL3)
<i>Bos Taurus</i>	European cattle	Artiodactyla – Bovidae	XM_024989896.1	Fc receptor like 3
<i>Monodon monoceros</i>	Narwhal	Cetacea – Monodontidae	XM_029227202.1	Fc receptor like 3 (FCRL3)
<i>Felis catus</i>	Cat	Carnivora – Felidae	XM_023247510.2	Fc receptor like 3
<i>Oryctolagus cuniculus</i>	European rabbit	Lagomorpha – Leporidae	ENSOCUT00000009035.4	Fc receptor like 3



Table S2. Genome assembly and gene location for the sequences used to construct the synteny maps.

Species	Common name	Genome assembly	Chromosome	Location
<i>Dasypus novemcinctus</i>	Nine-banded armadillo	Dasnov3.0 (GCF_000208655.1)	Unplaced Scaffold	NW_004474876.1 (63589..76081, complement)
<i>Homo sapiens</i>	Human	GRCh38.p14 (GCF_000001405.40)	1	NC_000001.11 (159800512..159816257)
<i>Mus musculus</i>	House mouse	GRCm39 (GCF_000001635.27)	1	NC_000067.7 (172423081..172445889, complement)
<i>Rattus norvegicus</i>	Norway rat	mRatBN7.2 (GCF_015227675.2)	13	NC_051348.1 (85062709..85072308, complement)
<i>Canis lupus familiaris</i>	Dog	ROS_Cfam_1.0 (GCF_014441545.1)	38	NC_051842.1 (22433000..22442314, complement)
<i>Felis catus</i>	Cat	F.catus_Fca126_mat1.0 (GCF_018350175.1)	F1	NC_058384.1 (64740117..64749544, complement)
<i>Oryctolagus cuniculus</i>	European rabbit	OryCun2.0 (GCF_000003625.3)	13	NC_013681.1 (33312755..33323526, complement)
<i>Bos taurus</i>	Cattle	ARS-UCD1.2 (GCF_002263795.1)	3	NC_037330.1 (9870119..9891238, complement)
<i>Loxodonta africana</i>	African savanna elephant	Loxafr3.0 (GCF_000001905.1)	Unplaced Scaffold	NW_003573453.1 (9153935..9156948)
<i>Manis javanica</i>	Malayan pangolin	YNU_ManJav_2.0 (GCF_014570535.1)	Unplaced Scaffold	NW_023436095.1 (7718134..7738591, complement)
<i>Manis pentadactyla</i>	Chinese pangolin	YNU_ManPten_2.0 (GCF_014570555.1)	Unplaced Scaffold	NW_023456141.1 (6491033..6507646)