

Table S1

Species included in the molecular evolution, protein disorder content, and SLiM prediction analyses.

COMMON NAME	SPECIES	CHROMOSOME LOCATION			
		<i>OXTR</i>	<i>AVPR1a</i>	<i>AVPR1b</i>	<i>AVPR2</i>
Armadillo	<i>Dasyurus novemcinctus</i>	JH570036:784,101-786,550 ^c	JH565922:556,112-559,574 ^b	JH570036:784,017-786,655 ^c	JH582165:726,593-726,983 ^d
Baboon	<i>Papio anubis</i>	2:51,424,043-51,438,993 ^c	11:58,804,281-58,808,842 ^c	1:157,797,540-157,803,573 ^c	X:141,377,448-141,379,013 ^c
Bushbaby	<i>Otolemur garnettii</i>	GL873534.1:2342065-2358892:1 ^a	GL873657.1:1899023-1902474:-1 ^a	GL873574.1:3114139-3119132:1 ^a	GL873768.1:708867-710781:1 ^a
Cat	<i>Felis catus</i>	A2:49379828-49397678:-1 ^a	B4:91171687-91175144:-1 ^a	F1:43714510-43720039:-1 ^a	X:124716115-124717412:1 ^a
Chimpanzee	<i>Pan troglodytes</i>	3:8934843-8953915:-1 ^a	12:26138951-26146969:1 ^a	1:185210857-185218136:-1 ^a	X:154592309-154594400:1 ^a
Cow	<i>Bos taurus</i>	22:17817626-17827292:1 ^a	5:50592290-50595766:1 ^a	16:3726354-3731874:-1 ^a	X:40036423-40038823:1 ^a
Dog	<i>Canis lupus familiaris</i>	20:9358197-9378248:1 ^a	10:6264789-6269662:-1 ^a	38:2440633-2446082:-1 ^a	X:121752780-121754771:1 ^a
Elephant	<i>Loxodonta africana</i>	scaffold_12:38254308-38286930:1 ^a	scaffold_2:52880385-52883832:-1 ^a	scaffold_13:11192320-11197748:-1 ^a	scaffold_120:2147361-2148562:-1 ^a
Ferret	<i>Mustela putorius furo</i>	GL896899.1:31840028-31948723:-1 ^a	GL897020.1:3747775-3751757:1 ^a	GL896951.1:8943499-8948417:-1 ^a	GL897267.1:201524-203187:1 ^a
Gibbon	<i>Nomascus leucogenys</i>	GL397298.1:16339634-16360389:-1 ^a	GL397261.1:49510312-49520425:1 ^a	GL397352.1:94927-102313:-1 ^a	GL397458.1:518385-520482:1 ^a
Gorilla	<i>Gorilla gorilla gorilla</i>	3:9043790-9060305:-1 ^a	12:61405397-61409230:-1 ^a	1:186190900-186198207:1 ^a	X:151892588-151894682:1 ^a
Guinea Pig	<i>Cavia porcellus</i>	scaffold_87:1912214-1924192:1 ^a	scaffold_9:35043412-35046721:1 ^a	scaffold_12:16779491-16788717:1 ^a	scaffold_148:1815080-1816468:-1 ^a
Horse	<i>Equus caballus</i>	16:7978752-7994543:1 ^a	6:79470329-79473986:-1 ^a	5:2416813-2424080:-1 ^a	X:122356320-122357636:1 ^a
Human	<i>Homo sapiens</i>	3: 8,792,094-8,811,314 ^a	12: 63,539,014-63,544,722 ^a	1: 206,223,976-206,231,639 ^a	X: 153,167,985-153,172,620 ^a
Kangaroo rat	<i>Dipodomys ordii</i>	scaffold_17231:11075-22474:1 ^a	scaffold_22850:14404-17904:-1 ^a	scaffold_14784:13772-19597:-1 ^a	scaffold_2502:8231-9676:1 ^a
Lesser hedgehog tenrec	<i>Echinops telfairi</i>	scaffold_7583: 30,612-34,235 ^a	JH980300:69,823,458-69,827,381 ^c	JH980299:32,534,576-32,540,588 ^c	JH980299:32,534,593-32,540,501 ^c
Macaque	<i>Macaca mulatta</i>	2:52233185-52248347:1 ^a	11:60385085-60388662:-1 ^a	1:164231937-164238892:1 ^a	X:152025855-152027027:1 ^a
Manatee	<i>Trichechus manatus latirostris</i>	JH594607:8,611,837-8,643,861 ^c	JH594692:9,606,138-9,610,156 ^c	JH594641:9,296,834-9,302,481 ^d	JH594692:9,606,713-9,607,150 ^c
Marmoset	<i>Callithrix jacchus</i>	15: 60,672,911-60,688,438 ^a	9:52,395,838-52,399,124 ^c	19:28,142,077-28,149,505 ^c	X: 140,442,277-140,443,205 ^a
Megabat	<i>Pteropus vampyrus</i>	scaffold_3394:60991-76592:-1 ^a	scaffold_5495:44926-48380:-1 ^a	scaffold_3164:7745-9572:1 ^a	scaffold_3867:45661-47320:1 ^a
Microbat	<i>Myotis lucifugus</i>	GL429775:16113316-16130498:1 ^a	GL429956:91339-95204:-1 ^a	GL429912:1435434-1437638:-1 ^a	GL429807:619705-621296:-1 ^a
Mouse	<i>Mus musculus</i>	6:112473684-112489808:-1 ^a	10:122448499-122453453:1 ^a	1:131599239-131612000:1 ^a	X:73892102-73895502:1 ^a
Naked mole-rat	<i>Heterocephalus glaber</i>	JH602044:3,370,683-3,384,804 ^c	JH602115:4,894,523-4,897,919 ^c	JH602120:5,237,036-5,241,760 ^c	JH602259:541,899-543,032 ^c
Orangutan	<i>Pongo abelii</i>	3: 61,221,011-61,236,340 ^a	12:63,230,436-63,233,748 ^c	1: 44,067,955-44,074,792 ^a	1:44,068,211-44,074,543 ^{d*}
Orca	<i>Orcinus orca</i>	XM_004274790.1 ^c	XM_004276585.1 ^c	XM_004282434.1 ^c	XM_004286432.1 ^c
Panda	<i>Ailuropoda melanoleuca</i>	GL192752.1:988763-1005431:-1 ^a	GL192683.1:339899-343408:1 ^a	GL193859.1:174036-178969:1 ^a	GL193934.1:263280-264996:-1 ^a
Pig	<i>Sus scrofa</i>	13:72419130-72434787:-1 ^a	5:30643445-30647686:-1 ^a	9:73020218-73023991:-1 ^a	X:142203295-142205695:1 ^a
Pika	<i>Ochotona princeps</i>	scaffold_368: 202,694-214,098 ^a	scaffold_15380:45,643-45,937 ^c	scaffold_198:4,918-8,501 ^c	scaffold_198:5,153-8,297 ^c
Rabbit	<i>Oryctolagus cuniculus</i>	GL018703:223681-234789:1 ^a	4:42141558-42149565:-1 ^a	16:66192701-66196755:1 ^a	GL018816:535306-537985:-1 ^a
Rat	<i>Rattus norvegicus</i>	4:207703615-207716373:-1 ^a	7:67528203-67532266:-1 ^a	13:53443235-53453450:1 ^a	1:152637478-152639106:-1 ^a
Rhinoceros	<i>Ceratotherium simum simum</i>	JH767842:234,877-251,435 ^a	JH767750:20,542,259-20,546,534 ^c	JH767737:31,932,525-31,937,567 ^c	JH767842:235,003-235,413 ^c
Sheep	<i>Ovis aries</i>	19:17656099-17664613:1 ^a	3:156234256-156237118:1 ^a	12:3,157,164-3,162,772 ^c	JH921656.1:16006-17521:1 ^a
Shrew	<i>Sorex araneus</i>	scaffold_153104:4,229-4,310 ^c	scaffold_247307:186-1,060 ^c	scaffold_233098:39,285-40,192 ^c	scaffold_2713: 5-1,189 ^a
Squirrel	<i>Ictidomys tridecemlineatus</i>	JH393412.1:4242983-4258110:1 ^a	JH393355.1:1790988-1795450:-1 ^a	JH393367.1:6416062-6421547:1 ^a	JH393619.1:788990-790674:1 ^a
Squirrel monkey	<i>Saimiri boliviensis boliviensis</i>	JH378125:19,963,441-19,977,143 ^c	JH378123:6,306,524-6,310,202 ^c	JH378142:19,163,569-19,170,664 ^c	JH378125:19,963,567-19,976,990 ^c

Database: ^aEnsemble; ^bUCSC; ^cNCBI; ^dUniprot; **Pongo pygmaeus*.