

Table S5. List of the GenBank accession numbers

Genus	Species	Accession Number
<i>Jaculus</i>	<i>jaculus</i>	A2AB: JF938725; CNR1: JF938804; GHR: JF938854; IRBP: JF938880; BRCA1: JF938777; vWF: AJ297765; ATP7A: JF938751; Crem: JF938827; RAG2: JF938903
	<i>blanfordi</i>	A2AB: JF938726; CNR1: JF938805; GHR: JF938855; IRBP: JF938881; BRCA1: JF938778; vWF: JF938703; ATP7A: JF938752; Crem: JF938828; RAG2: Jb JF938904
<i>Allactaga</i>	<i>hotsoni</i>	A2AB: JF938728; CNR1: JF938807; GHR: JF938857; IRBP: JF938883; BRCA1: JF938778; vWF: JF938705; ATP7A: JF938754; Crem: JF938830; RAG2: JF938906
	<i>elater</i>	A2AB: JF938727; CNR1: JF938806; GHR: JF938856; IRBP: JF938882; BRCA1: JF938779; vWF: JF938704; ATP7A: JF938753; Crem: JF938829; RAG2: JF938905
	<i>sibirica</i>	A2AB: JF938716; CNR1: JF938795; GHR: JF938845; IRBP: JF938871; BRCA1: JF938768; vWF: JF938694; ATP7A: JF938742; Crem: JF938818; RAG2: JF938894
	<i>major</i>	A2AB: JF938717; CNR1: JF938796; GHR: JF938846; IRBP : JF938872; BRCA1: F938769; vWF: JF938695; ATP7A: JF938743; Crem: JF938819; RAG2: JF938895
	<i>bullata</i>	A2AB: JF938722; CNR1: JF938801; GHR: JF938851; IRBP: JF938877; BRCA1: JF938774; vWF: JF938700; ATP7A: JF938748; Crem: JF938824; RAG2: JF938900
<i>Alactagulus</i>	<i>pumilio</i>	A2AB: JF938718; CNR1: JF938797; GHR: JF938847; IRBP: JF938873; BRCA1: JF938770; vWF: JF938696; ATP7A: JF938744; Crem: JF938820; RAG2: JF938896
<i>Allactodipus</i>	<i>bobrinskii</i>	A2AB: JF938719; CNR1: JF938798; GHR: JF938848; IRBP: JF938874; BRCA1: JF938771; vWF: JF938697; ATP7A: JF938745; Crem: JF938821; RAG2: JF938897
<i>Euchoreutes</i>	<i>naso</i>	A2AB: JF938724; CNR1: JF938803; GHR: JF938853; IRBP: JF938879; BRCA1: JF938776; vWF: JF938702; ATP7A: JF938750; Crem: JF938826; RAG2: JF938902
<i>Eremodipus</i>	<i>lichtensteini</i>	A2AB: JF938721; CNR1: JF938800; GHR: JF938850; IRBP: JF938876; BRCA1: JF938773; vWF: JF938699; ATP7A: JF938747; Crem: JF938823; RAG2: JF938899
<i>Dipus</i>	<i>sagitta</i>	A2AB: JF938720; CNR1: JF938799; GHR: JF938849; IRBP: JF938875; BRCA1: JF938772; vWF: JF938698; ATP7A: JF938746; Crem: JF938822; RAG2: JF938898
<i>Stylodipus</i>	<i>telum</i>	A2AB: JF938723; CNR1: JF938802; GHR: JF938852; IRBP: JF938878; BRCA1: JF938775; vWF: JF938701; ATP7A: JF938749; Crem: JF938825; RAG2: JF938901
<i>Cardiocranius</i>	<i>paradoxus</i>	A2AB: JF938732; CNR1: JF938811; GHR: JF938862; IRBP: JF938887; BRCA1: JF938785; vWF: JF938709; ATP7A: JF938758; Crem: JF938834; RAG2: JF938911
<i>Salpingotus</i>	<i>kozlovi</i>	A2AB: JF938729; CNR1: JF938808; GHR: JF938858; IRBP: JF938884; BRCA1: JF938781; vWF: JF938706; ATP7A: JF938755; Crem: JF938831; RAG2: JF938907
<i>Zapus</i>	<i>hudsonius</i>	A2AB: JF938714; CNR1: JF938793; GHR: JF938843; IRBP: JF938869; BRCA1: JF938766; vWF: JF938692; ATP7A: JF938740; Crem: JF938816; RAG2: JF938892
<i>Napaeozapus</i>	<i>insignis</i>	A2AB: JF938715; CNR1: JF938794; GHR: JF938844; IRBP: JF938870; BRCA1: JF938767; vWF: JF938693; ATP7A: JF938741; Crem: JF938817; RAG2: JF938893

<i>Sicista</i>	<i>tianshanica</i>	A2AB: JF938713; CNR1: JF938792; GHR: JF938842; IRBP: JF938868; BRCA1: JF938765; ATP7A: JF938739; Crem: JF938815; RAG2: JF938891
	<i>kazbegica</i>	vWF: AJ297764
<i>Mus</i>	<i>musculus</i>	A2AB: NM009633; CNR1: AY522554; GHR: NM010284; IRBP: AB125808; BRCA1: NM009764; vWF: AF539800; ATP7A: AY011397; Crem: M60284; RAG2: AY011940
<i>Rattus</i>	<i>norvegicus</i>	A2AB: NM138505; CNR1: NM012784; GHR: X16726; IRBP: AJ429134; BRCA1: NM012514; vWF: AJ224673; ATP7A: AY011398; Crem: NM001110860; RAG2: AY011941
<i>Peromyscus</i>	<i>polionotus</i>	A2AB: JF938730; CNR1: JF938809; GHR: JF938859; IRBP: JF938885; BRCA1: JF938782; vWF: JF938707; ATP7A: JF938756; Crem: JF938832; RAG2: JF938908
<i>Peromyscus</i>	<i>leucopus</i>	A2AB: JF938731; CNR1: JF938810; GHR: JF938860; IRBP: JF938886; BRCA1: JF938783; vWF: JF938708; ATP7A: JF938757; Crem: JF938833; RAG2: JF938909
<i>Dipodomys</i>	<i>ordii</i>	GHR: JF938861; BRCA1: JF938784; RAG2: JF938910
	<i>merriami</i>	A2AB: AJ427261; IRBP: AJ427233; vWF: AJ427226
	<i>spectabilis</i>	CNR1: AY303183
	<i>heermanni</i>	ATP7A: AY011402; Crem: AY011648
<i>Castor</i>	<i>canadensis</i>	A2AB: AJ427260; CNR1: AY011576; GHR: AF332026; IRBP: AF297279; BRCA1: AF540622; vWF: AJ427228; ATP7A: AY011394; Crem: AY011640; RAG2: AY011937
<i>Tamias</i>	<i>striatus</i>	A2AB: JF938733; CNR1: AY011575; GHR: JF938863; IRBP: AF297282; BRCA1: JF938786; vWF: JF938710; ATP7A: AY011393; Crem: AY011639; RAG2: AY011936.1
<i>Glaucomys</i>	<i>volans</i>	A2AB: JF938734; CNR1: JF938812; GHR: JF938864; IRBP: AY227598; BRCA1: AF284003; vWF: AJ224667; ATP7A: JF938759; Crem: JF938835; RAG2: JF938912
<i>Octodontomys</i>	<i>gliroides</i>	A2AB: JF938735; CNR1: JF938813; GHR: AF520649; IRBP: JF938888; BRCA1: JF938787; vWF: JF938711; ATP7A: JF938760; Crem: JF938836; RAG2: JF938913
<i>Atherurus</i>	<i>macrourus</i>	A2AB: JF938736; CNR1: JF938814; GHR: JF938865; IRBP: JF938889; BRCA1: JF938788; vWF: AJ251131; ATP7A: JF938761; Crem: JF938837; RAG2: JF938914
<i>Erethizon</i>	<i>dorsatum</i>	A2AB: AJ427270; CNR1: AY303186; GHR: AF332037; IRBP: AJ427249; BRCA1: AF540626; vWF: AJ251135; ATP7A: AY011401; Crem: AY011647; RAG2: AY011944
<i>Thomomys</i>	<i>bottae</i>	CNR1: AY303196; GHR: AM407911; IRBP: AF297277; BRCA1: JF938790; ATP7A: JF938762; Crem: JF938841; RAG2: AY303215
	<i>talpoides</i>	A2AB: AJ427262; vWF: AJ427227
<i>Cavia</i>	<i>aperea</i>	GHR: AF433930; BRCA1: JF938791
	<i>porcellus</i>	A2AB: AJ271336; IRBP: AJ427248; vWF: AJ224663
	<i>tschudii</i>	CNR1: AY011586; ATP7A: AY011404; Crem: AY011650; RAG2: AY011947
<i>Ctenodactylus</i>	<i>gundi</i>	A2AB: JF938738; CNR1: FM162130; GHR: AF332042; BRCA1: AF540624; ATP7A: JF938764; Crem: JF938840; RAG2: FM162097
	<i>vali</i>	IRBP: AM407923; vWF: AJ238387
<i>Aplodontia</i>	<i>rufa</i>	A2AB: AJ427256; CNR1: AY303279; GHR: AF332030; IRBP: AF297284; BRCA1: AF332045; vWF: AJ224662; ATP7A: JF938763; Crem: JF938839; RAG2: AY303198

<i>Ochotona</i>	<i>princeps</i>	A2AB: AJ427253; CNR1: AY303188; GHR: JF938867; IRBP: AY057832; BRCA1: AF540635; vWF: AJ224672
	<i>hyperborea</i>	ATP7A: AY011409; Crem: AY011655; RAG2: AY011953
<i>Sylvilagus</i>	<i>floridanus</i>	A2AB: JF938737; CNR1: AY011591; GHR: AF332017; IRBP: JF938890; BRCA1: JF938789; vWF: JF938712; ATP7A: AY011408; Crem: JF938838; RAG2: AY011952
<i>Lemur</i>	<i>catta</i>	A2AB: AJ891067; CNR1: AY011595; GHR: JF938866; IRBP: AJ313470; BRCA1: DQ354455; vWF: AJ410292; ATP7A: AY011412; Crem: AY011658; RAG2: AY011956
<i>Homo</i>	<i>sapiens</i>	A2AB: NM000682; CNR1: NM001160260; GHR: NM000163; IRBP: M22453; BRCA1: NM007294; vWF: NM000552; ATP7A: NM000052; Crem: AY011664; RAG2: NM000536.2
<i>Canis</i>	<i>familiaris</i>	A2AB: AJ891051; CNR1: XM539034; GHR: NM001003123; IRBP: DQ205906; BRCA1: NM001013416; vWF: NM001002932; ATP7A: XM549096; Crem: AY011682; RAG2: XM540537.2
<i>Felis</i>	<i>catus</i>	A2AB: AJ251174; CNR1: AY011615; GHR: EU448991; IRBP: Z11811; BRCA1: AF284018; vWF: AF061062; ATP7A: AY011433; Crem: AY011679; RAG2: AY011977
<i>Equus</i>	<i>caballus</i>	A2AB: Y15945; CNR1: AY011612; GHR: XM001498656; IRBP: U48710; BRCA1: AF284010; vWF: XM001915467; ATP7A: AY011430; Crem: AY011676; RAG2: AF447533
<i>Monodelphis</i>	<i>domestica</i>	A2AB: XM001382024; CNR1: XM001362407; GHR: NM001032976; IRBP: XM001371829; BRCA1: AY994160; vWF: AY243415; ATP7A: XM001363299; Crem: ENSMODG00000006900; RAG2: XM001362253