

SopE

Prot_ accession	prot_description
gi 545860373	PREDICTED: myosin-10, partial [Sus scrofa]
gi 417515715	N-myosin-9 [Sus scrofa]
gi 545860381	PREDICTED: myosin-10-like, partial [Sus scrofa]
gi 335303098	PREDICTED: nck-associated protein 1 isoform 1 [Sus scrofa]
gi 545878347	PREDICTED: cytoplasmic FMR1-interacting protein 2 [Sus scrofa]
gi 194038105	PREDICTED: serine/threonine-protein kinase MRCK beta [Sus scrofa]
gi 456753034	cytoplasmic FMR1 interacting protein 1 tv1 [Sus scrofa]
gi 545859464	PREDICTED: LOW QUALITY PROTEIN: ARF GTPase-activating protein GIT1 [Sus scrofa]
gi 545857420	PREDICTED: glial fibrillary acidic protein isoform X1 [Sus scrofa]
gi 545859459	PREDICTED: unconventional myosin-XVIIIa-like [Sus scrofa]
gi 545804586	PREDICTED: dynamin-1 isoform X6 [Sus scrofa]
gi 311275636	PREDICTED: septin-7 isoformX1 [Sus scrofa]
gi 335305478	PREDICTED: septin-7 isoform X2 [Sus scrofa]
gi 545883210	PREDICTED: septin-7 isoform X4 [Sus scrofa]
gi 545855941	PREDICTED: rho guanine nucleotide exchange factor 7-like isoform X1 [Sus scrofa]
gi 545813220	PREDICTED: actin-related protein 2/3 complex subunit 1A isoform X1 [Sus scrofa]
gi 335285320	PREDICTED: beta-adducin isoform 1 [Sus scrofa]
gi 545849232	PREDICTED: rho GTPase-activating protein 32-like [Sus scrofa]
gi 545856478	PREDICTED: septin-9-like isoform X1 [Sus scrofa]
gi 545824110	PREDICTED: formin binding protein 1-like isoform X3 [Sus scrofa]
gi 545843739	PREDICTED: alpha-adducin isoform X2 [Sus scrofa]
gi 350592558	PREDICTED: ARF GTPase-activating protein GIT2 isoformX1 [Sus scrofa]
gi 311262396	PREDICTED: septin-11 isoform X1 [Sus scrofa]
gi 1921	unnamed protein product [Sus scrofa]
gi 311276869	PREDICTED: septin-6 isoformX2 [Sus scrofa]
gi 311275507	PREDICTED: neural Wiskott-Aldrich syndrome protein [Sus scrofa]
gi 545847676	PREDICTED: serine/threonine-protein kinase PAK 1 [Sus scrofa]
gi 195562215	actin-related protein 3-like protein [Sus scrofa]
gi 311245370	PREDICTED: coronin-2B [Sus scrofa]
gi 350589304	PREDICTED: LOW QUALITY PROTEIN: serine/threonine-protein kinase MRCK alpha [Sus scrofa]
gi 545881737	PREDICTED: actin-related protein 3B-like, partial [Sus scrofa]
gi 545886959	PREDICTED: rho guanine nucleotide exchange factor 6 isoform X2 [Sus scrofa]
gi 345090969	septin 2 [Sus scrofa]
gi 311253100	PREDICTED: protein FAM49A isoform X1 [Sus scrofa]
gi 194043462	PREDICTED: septin-5 isoform 1 [Sus scrofa]
gi 311271108	PREDICTED: septin-5 isoform 2 [Sus scrofa]
gi 311266870	PREDICTED: cdc42 effector protein 4 isoform 1 [Sus scrofa]
gi 545817173	PREDICTED: actin-related protein 2 isoform X1 [Sus scrofa]
gi 335289614	PREDICTED: alpha-actinin-4 isoformX4 [Sus scrofa]
gi 545812690	PREDICTED: rho GTPase-activating protein 26 [Sus scrofa]

gi 335289610	PREDICTED: alpha-actinin-4 isoformX3 [Sus scrofa]
gi 545799069	PREDICTED: wiskott-Aldrich syndrome protein family member 1, partial [Sus scrofa]
gi 545883669	PREDICTED: drebrin-like protein isoform X2 [Sus scrofa]
gi 346986437	family with sequence similarity 49, member B [Sus scrofa]
gi 545812233	PREDICTED: septin-8 isoform X1 [Sus scrofa]
gi 311267715	PREDICTED: uncharacterized protein C17orf47-like isoformX1 [Sus scrofa]
gi 311270878	PREDICTED: AP-1 complex subunit beta-1 isoformX3 [Sus scrofa]
gi 298160991	actin-related protein 2/3 complex subunit 2 [Sus scrofa]
gi 195562213	actin-related protein 2-like protein [Sus scrofa]
gi 545883672	PREDICTED: drebrin-like protein isoform X3 [Sus scrofa]
gi 545810084	PREDICTED: cdc42-interacting protein 4 isoform X2 [Sus scrofa]
gi 187692583	actin, partial [Sus scrofa]
gi 270000216	F-actin capping protein beta subunit variant II [Sus scrofa]
gi 545894773	PREDICTED: drebrin-like, partial [Sus scrofa]
gi 545864956	PREDICTED: adaptor-related protein complex 2, mu 1 subunit isoform X1 [Sus scrofa]
gi 545825785	PREDICTED: myosin light polypeptide 6 isoform X3 [Sus scrofa]
gi 194042010	PREDICTED: gamma-adducin isoformX1 [Sus scrofa]
gi 285818474	HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1 [Sus scrofa]
gi 545891694	PREDICTED: LOW QUALITY PROTEIN: SH3-containing GRB2-like protein 3-interacting protein 1 [Sus scrofa]
gi 47606435	RecName: Full=Myosin light polypeptide 6; AltName: Full=17 kDa myosin light chain; Short=LC17; AltName: Full=Myosin light chain 3; Short=MLC-3; AltName: Full=Myosin light chain alkali 3; Short=Myosin light chain A3; AltName: Full=Smooth muscle and n
gi 194043123	PREDICTED: coronin-1C isoform X1 [Sus scrofa]
gi 545854316	PREDICTED: LOW QUALITY PROTEIN: wiskott-Aldrich syndrome protein family member 3 [Sus scrofa]
gi 545865888	PREDICTED: hematopoietic lineage cell-specific protein [Sus scrofa]
gi 340007404	alpha-actinin-1 [Sus scrofa]
gi 545882437	PREDICTED: non-muscle caldesmon isoform X6 [Sus scrofa]
gi 545894443	PREDICTED: serine/threonine-protein kinase PAK 3-like, partial [Sus scrofa]
gi 350595820	PREDICTED: protein diaphanous homolog 2, partial [Sus scrofa]
gi 311267048	PREDICTED: formin-like 1 isoform X1 [Sus scrofa]
gi 195562233	actin related protein 2/3 complex subunit 4 [Sus scrofa]
gi 545883433	PREDICTED: WAS/WASL-interacting protein family member 3 [Sus scrofa]
gi 194037165	PREDICTED: neuronal-specific septin-3 isoform X1 [Sus scrofa]
gi 545866238	PREDICTED: LOW QUALITY PROTEIN: transgelin 3, partial [Sus scrofa]
gi 545805746	PREDICTED: src substrate cortactin [Sus scrofa]
gi 545811085	PREDICTED: calnexin isoform X1 [Sus scrofa]
gi 335292694	PREDICTED: heat shock-related 70 kDa protein 2 [Sus scrofa]
gi 343790912	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
gi 269994011	Cell division control protein 42 [Sus scrofa]
gi 350595730	PREDICTED: oligophrenin-1, partial [Sus scrofa]

gi 335288532	PREDICTED: ubiquitin carboxyl-terminal hydrolase 5 isoform 1 [Sus scrofa]
gi 545858175	PREDICTED: WAS/WASL-interacting protein family member 2 isoform X1 [Sus scrofa]
gi 121118	RecName: Full=Gelsolin; AltName: Full=Actin-depolymerizing factor; Short=ADF; AltName: Full=Brevin; Flags: Precursor
gi 545874335	PREDICTED: formin-like 2 isoform X1 [Sus scrofa]
gi 545815773	PREDICTED: septin-10-like isoform X1 [Sus scrofa]
gi 311259003	PREDICTED: myosin regulatory light chain 12B isoform 1 [Sus scrofa]
gi 116850	RecName: Full=Cofilin-1; AltName: Full=Cofilin, non-muscle isoform
gi 545803797	PREDICTED: coronin-2A [Sus scrofa]
gi 194034716	PREDICTED: tropomodulin-2 isoform X1 [Sus scrofa]
gi 545849230	PREDICTED: rho GTPase-activating protein 32-like, partial [Sus scrofa]
gi 545853691	PREDICTED: abl interactor 1-like [Sus scrofa]
gi 545877574	PREDICTED: LOW QUALITY PROTEIN: actin, beta-like 2 [Sus scrofa]
gi 350580558	PREDICTED: dynamin-2 [Sus scrofa]
gi 417515832	AP-2 complex subunit alpha-2 isoform 1 [Sus scrofa]
gi 311245964	PREDICTED: protein KIAA1045 homolog isoform X1 [Sus scrofa]
gi 545894715	PREDICTED: drebrin-like, partial [Sus scrofa]
gi 147223313	GNAS complex locus [Sus scrofa]
gi 545804423	PREDICTED: actin related protein 2/3 complex subunit 5-like protein isoform X1 [Sus scrofa]
gi 545849271	PREDICTED: rho GTPase-activating protein 32-like [Sus scrofa]
gi 118627572	F-actin capping protein subunit alpha 1 [Sus scrofa]
gi 545865526	PREDICTED: serine/threonine-protein kinase PAK 2, partial [Sus scrofa]
gi 194042094	PREDICTED: shootin-1 isoformX1 [Sus scrofa]
gi 335302838	PREDICTED: ermin [Sus scrofa]
gi 264748	myosin regulatory light chain, LC20 [swine, aorta smooth muscle, Peptide, 171 aa]
gi 545894844	PREDICTED: serine/threonine-protein kinase PAK 3-like [Sus scrofa]
gi 350582722	PREDICTED: 14-3-3 protein theta isoform 1 [Sus scrofa]
gi 545832244	PREDICTED: myosin-14 [Sus scrofa]
gi 545845694	PREDICTED: LOW QUALITY PROTEIN: Rho GTPase activating protein 10 [Sus scrofa]
gi 545875342	PREDICTED: LOW QUALITY PROTEIN: ras-associated and pleckstrin homology domains-containing protein 1 [Sus scrofa]
gi 311257986	PREDICTED: TBC1 domain family member 17 isoform 1 [Sus scrofa]
gi 88861940	vascular smooth muscle alpha-actin, partial [Sus scrofa]
gi 545867935	PREDICTED: dematin isoform X1 [Sus scrofa]
gi 545832250	PREDICTED: myosin-14-like [Sus scrofa]
gi 350589554	PREDICTED: abl interactor 1 [Sus scrofa]
gi 195562227	actin related protein 2/3 complex subunit 3 [Sus scrofa]
gi 545825252	PREDICTED: keratin, type II cytoskeletal 6A-like isoform X3 [Sus scrofa]
gi 311258550	PREDICTED: EF-hand domain-containing protein D2 [Sus scrofa]
gi 456753031	DEAD (Asp-Glu-Ala-Asp) box helicase 1 [Sus scrofa]
gi 34978340	RecName: Full=cAMP-dependent protein kinase catalytic subunit alpha; Short=PKA C-alpha
gi 354549870	coronin 1A [Sus scrofa]

gi 545885788	PREDICTED: protein diaphanous homolog 2-like, partial [Sus scrofa]
gi 82465299	filamin-A, partial [Sus scrofa]
gi 350593795	PREDICTED: abl interactor 2-like, partial [Sus scrofa]
gi 545826750	PREDICTED: FYVE, RhoGEF and PH domain-containing protein 4-like [Sus scrofa]
gi 311259825	PREDICTED: leucine-rich repeat-containing protein 16A isoform X1 [Sus scrofa]
gi 545884624	PREDICTED: LOW QUALITY PROTEIN: ubiquitin-like modifier activating enzyme 1 [Sus scrofa]
gi 545848571	PREDICTED: neural cell adhesion molecule 1 isoform X1 [Sus scrofa]
gi 2061	plasma membrane Ca ²⁺ pump (PMCA1b) [Sus scrofa]
gi 350579892	PREDICTED: coronin-1B [Sus scrofa]
gi 335282227	PREDICTED: switch-associated protein 70 [Sus scrofa]
gi 311244946	PREDICTED: inositol-trisphosphate 3-kinase A [Sus scrofa]
gi 545815512	PREDICTED: caskin-1-like isoform X1 [Sus scrofa]
gi 335290150	PREDICTED: protein kinase C gamma type isoform X1 [Sus scrofa]
gi 1947086	inositol(1,3,4,5)tetrakisphosphate receptor [Sus scrofa]
gi 545835431	PREDICTED: microtubule-associated protein RP/EB family member 2 [Sus scrofa]
gi 61676044	fatty acid synthase, partial [Sus scrofa]
gi 311248936	PREDICTED: phenylalanine--tRNA ligase alpha subunit isoform X1 [Sus scrofa]
gi 545894385	PREDICTED: myosin-11-like, partial [Sus scrofa]
gi 335297873	PREDICTED: neurabin-2 [Sus scrofa]
gi 8745552	voltage-dependent anion channel 1 [Sus scrofa]
gi 545863553	PREDICTED: probable protein BRICK1-like isoform 1 [Sus scrofa]
gi 545859967	PREDICTED: misshapen-like kinase 1 isoform X2 [Sus scrofa]
gi 346986408	excitatory amino acid transporter 1 isoform 1 [Sus scrofa]
gi 117660874	MLC1f [Sus scrofa]
gi 194037529	PREDICTED: myosin light chain 6B [Sus scrofa]
gi 545854523	PREDICTED: LOW QUALITY PROTEIN: stAR-related lipid transfer protein 13 [Sus scrofa]
gi 195562237	actin related protein 2/3 complex subunit 5 [Sus scrofa]
gi 194035831	PREDICTED: coatomer subunit alpha isoform 2 [Sus scrofa]
gi 545873581	PREDICTED: kelch repeat and BTB domain-containing protein 11 isoform X1 [Sus scrofa]
gi 115394756	PR33A [Sus scrofa]
gi 350583824	PREDICTED: cdc42 effector protein 1 [Sus scrofa]
gi 545834964	PREDICTED: polyadenylate-binding protein 4 isoform X3 [Sus scrofa]
gi 385862190	WAS protein family, member 2 [Sus scrofa]
gi 545835593	PREDICTED: nexilin-like, partial [Sus scrofa]
gi 37999870	RecName: Full=Myosin-11; AltName: Full=Myosin heavy chain 11; AltName: Full=Myosin heavy chain, smooth muscle isoform; AltName: Full=SMMHC
gi 545864194	PREDICTED: coatomer subunit beta~ [Sus scrofa]
gi 545862959	PREDICTED: filamin-B-like [Sus scrofa]
gi 86450155	EPLIN-b [Sus scrofa]
gi 545824437	PREDICTED: ataxin-10 [Sus scrofa]

gi 226256	peptidyl-Pro cis trans isomerase
gi 350583632	PREDICTED: calponin-3 [Sus scrofa]
gi 1960	h1-calponin [Sus scrofa]
gi 335293556	PREDICTED: exocyst complex component 1 isoform X1 [Sus scrofa]
gi 194041975	PREDICTED: STE20-like kinase isoformX2 [Sus scrofa]
gi 545893381	PREDICTED: LOW QUALITY PROTEIN: coronin-1A, partial [Sus scrofa]
gi 335309813	PREDICTED: coactosin-like protein-like, partial [Sus scrofa]
gi 545863871	PREDICTED: coatomer subunit gamma-1 [Sus scrofa]
gi 545822572	PREDICTED: rho guanine nucleotide exchange factor 11 [Sus scrofa]
gi 350580161	PREDICTED: excitatory amino acid transporter 2 isoformX2 [Sus scrofa]
gi 335287646	PREDICTED: MICAL-like protein 1-like isoform X1 [Sus scrofa]
gi 194038051	PREDICTED: nuclear pore complex protein Nup153 isoform X1 [Sus scrofa]
gi 194040262	PREDICTED: ras-related protein Rab-23 [Sus scrofa]
gi 359465556	active breakpoint cluster region-related protein [Sus scrofa]
gi 3288632	unnamed protein product [Sus scrofa]
gi 311260245	PREDICTED: ras/Rap GTPase-activating protein SynGAP [Sus scrofa]
gi 545865891	PREDICTED: golgin subfamily B member 1 [Sus scrofa]
gi 545854276	PREDICTED: saccin [Sus scrofa]
gi 545829295	PREDICTED: alanine--tRNA ligase, cytoplasmic isoform X1 [Sus scrofa]
gi 311275457	PREDICTED: filamin-C isoformX1 [Sus scrofa]
gi 343488534	homeobox prox 1 [Sus scrofa]
gi 335296573	PREDICTED: LIM zinc-binding domain-containing Nebulette isoformX2 [Sus scrofa]
gi 545843361	PREDICTED: cytoplasmic dynein 1 heavy chain 1-like [Sus scrofa]
gi 350586109	PREDICTED: adenylate kinase isoenzyme 5 isoform X1 [Sus scrofa]
gi 456753006	exocyst complex component 4 tv1 [Sus scrofa]
gi 545847373	PREDICTED: nuclear mitotic apparatus protein 1 isoform X1 [Sus scrofa]
gi 545878901	PREDICTED: ankyrin-1 [Sus scrofa]
gi 545849855	PREDICTED: cytoplasmic dynein 1 intermediate chain 1-like, partial [Sus scrofa]
gi 350588987	PREDICTED: protein PRRC2C isoform X1 [Sus scrofa]
gi 122888765	cyclin-dependent kinase 5 [Sus scrofa]
gi 194041443	PREDICTED: phytanoyl-CoA hydroxylase-interacting protein [Sus scrofa]
gi 311277122	PREDICTED: myotubularin-related protein 1 isoform X1 [Sus scrofa]
gi 8745554	voltage-dependent anion channel 2 [Sus scrofa]
gi 545858751	PREDICTED: collagen alpha-1(I) chain-like [Sus scrofa]
gi 335294978	PREDICTED: coatomer subunit delta isoform 1 [Sus scrofa]
gi 545880931	PREDICTED: LOW QUALITY PROTEIN: solute carrier family 12 member 5 [Sus scrofa]
gi 417515802	dedicator of cytokinesis protein 1 [Sus scrofa]
gi 545884076	PREDICTED: FERM and PDZ domain-containing protein 4 isoform X1 [Sus scrofa]
gi 545894657	PREDICTED: kinesin-like protein KIF7-like, partial [Sus scrofa]
gi 545799363	PREDICTED: SH3 domain-binding glutamic acid-rich-like protein 2 [Sus scrofa]
gi 545845696	PREDICTED: rho GTPase-activating protein 10-like [Sus scrofa]
gi 84042928	paralemmin-1 [Sus scrofa]

gi 545885782	PREDICTED: uncharacterized protein LOC100739034 [Sus scrofa]
gi 545844158	PREDICTED: LOW QUALITY PROTEIN: family with sequence similarity 184, member B [Sus scrofa]
gi 194042067	PREDICTED: actin-binding LIM protein 1 isoformX1 [Sus scrofa]
gi 311250135	PREDICTED: kinesin family member 3A isoformX1 [Sus scrofa]
gi 350588131	PREDICTED: tripartite motif-containing protein 3 [Sus scrofa]
gi 224555775	tropomodulin 1, partial [Sus scrofa]
gi 545798021	PREDICTED: tumor protein D53 isoform X1 [Sus scrofa]
gi 46909483	monoamine oxidase B [Sus scrofa]
gi 531146	myosin, partial [Sus scrofa]
gi 545894239	PREDICTED: lanC-like protein 2-like [Sus scrofa]
gi 545804815	PREDICTED: protein PRRC2B isoform X5 [Sus scrofa]
gi 335283572	PREDICTED: transcriptional activator protein Pur-alpha isoformX1 [Sus scrofa]
gi 311267056	PREDICTED: 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-3 isoform X1 [Sus scrofa]
gi 335293678	PREDICTED: ras GTPase-activating protein-binding protein 2 isoformX1 [Sus scrofa]
gi 345441801	TNF receptor-associated protein 1 [Sus scrofa]
gi 545843929	PREDICTED: actin-binding LIM protein 2-like isoform X1 [Sus scrofa]
gi 545884243	PREDICTED: cyclin-dependent kinase-like 5 isoform X1 [Sus scrofa]
gi 346986241	neurocalcin delta [Sus scrofa]
gi 545859588	PREDICTED: unconventional myosin-Ic [Sus scrofa]
gi 545860458	PREDICTED: LOW QUALITY PROTEIN: myosin-13-like [Sus scrofa]
gi 350589564	PREDICTED: myosin-IIIa [Sus scrofa]
gi 516155	Unconventional myosin [Sus scrofa] - Myosin VI