S1 Table. The non-redundant, detailed catalogue of *in vivo* and *in vitro* amyloidogenic proteins or peptide fragments or proteins related to amyloid fibril formation

Amyloidogenic Protein Name	Uniprot AC	Source Literature / Source Database					Fragment	Digital Object Identifier(DOI)
		Sipe, et al. (2014) Amyloid 21(4):221-224	**Harisson, et al. (2007) Rev. Physiol. Biochem. Pharmacol.** 159:1 –77	**Uversky, et al. (1999) Med. Sci. Monit.** 5(5): 1001-1012 & **Med. Sci. Monit.** 5(6): 1238-1254	**AmyLoad Wozniak & Kotulska (2015) Bioinformatics** 31(20):3395-3397	**UniProt UniProt Consortium (2015) Nucl. Acids Res.** 43 (D1): D204-D212		
4F2 cell-surface antigen heavy chain	P08195				+		✓	no data
60 kDa SS-A/Ro ribonucleoprotein	P10155				+		✓	no data
Acetylcholinesterase fragment	P22303		+				✓	10.1021/bi0260334
Actin, cytoplasmic 1, ACTB, Beta-actin	P60709	+						no data
Actin,cytoplasmic 2, ACTG1, Gamma-actin	P63261	+						no data
Acylphosphatase-2	P14621				+		✓	10.1038/nmeth.1432
alpha beta crystallin (ABC) (Alpha-crystallin B chain)	P02511				+		✓	10.1126/science.1213151
Alpha-(1,3)-fucosyltransferase 9	Q9Y231				+		✓	no data
Alpha-galactosidase A precursor	P06280				+		✓	no data
alpha-synuclein	P37840	+	+	+			✓	10.1042/bst0300559
Alstrom syndrome protein 1	Q8TCU4				+		✓	no data
Aminopeptidase N	P15144				+		✓	10.1038/nmeth.1432
Amphoterin	P09429		+				✓	10.1021/bi002095n
Amyloid beta A4 protein	P05067	+	+	+			✓	10.1074/jbc.274.18.12619
Androgen receptor protein	P10275		+	+				10.1007/s00109-004-0530-7
Apolipoprotein A-I	P02647	+	+	+			✓	10.1074/jbc.M204801200

Apolipoprotein A-II	P02652	+	+					✓	10.1006/geno.2000.6499
Apolipoprotein A-IV	P06727	+	+						10.1006/bbrc.2001.5260 10.1038/labinvest.3700124
Apolipoprotein E	P02649						+		10.1093/jnen/60.4.342 10.1212/01.wnl.0000258354.96336.97
Apoliprotein C-II	P02655					+		✓	10.1016/j.jmb.2006.12.040
Aquaporin-2	P41181					+		✓	10.1038/nmeth.1432
Ataxin 1	P54253		+	+					PMID: 9342197
Ataxin 2	Q99700		+						10.1016/S0014-4886(03)00287-5
Ataxin 3	P54252		+						10.1021/bi0352825
ATP-binding cassette sub-family A member 12	Q86UK0					+		✓	no data
Atrophin-1	P54259		+						PMID: 11037186
a-tubulin (Tubulin alpha-1B chain)	P68363					+		✓	10.1006/bbrc.1996.0211
Bardet-Biedl syndrome 5 protein	Q8N3I7					+		✓	10.1038/nmeth.1432
Beta-2-microglobulin	P61769	+	+	+				✓	10.1016/S0022-2836(02)01227-5
Beta-hexosaminidase subunit alpha precursor	P06865					+		✓	10.1038/nmeth.1432
Bloom syndrome protein	P54132					+		✓	10.1038/nmeth.1432
CA150 (Transcription elongation regulator 1)	O14776		+					✓	10.1073/pnas.0607815103
CAAX prenyl protease 1 homolog	O75844					+		✓	no data
Calcitonin	P01258	+	+	+				✓	10.1074/jbc.M206039200
Caspase-3 precursor (subunit p17)	P42574					+		✓	10.1038/nmeth.1432
Coagulation factor XIII B chain	P05160		+						no data
Coagulation factor XIII, A chain	P00488		+						no data
Collagen alpha-1	Q9BXS0						+		10.1093/emboj/21.7.1524 10.1074/jbc.M403628200
Corneodesmosin	Q15517	+							no data
Cystatin A	P01040		+						10.1002/prot.20041
Cystatin B	P04080		+						10.1016/S0167-4838(01)00295-3

Cystatin-C	P01034	+	+	+				10.1002/prot.20633
Cystic fibrosis transmembrane conductance regulator	P13569				+		✓	10.1038/nmeth.1432
Disintegrin and metalloproteinase domain-containing protein 10	O14672					+		10.1093/hmg/ddp323
DNA mismatch repair protein Mlh3	Q9UHC1				+		✓	no data
Endostatin (Collagen alpha-1(XVIII) chain)	P39060		+				✓	10.1021/bi048510j
Ferritin heavy chain	P02794	+						no data
Ferritin light chain	P02792	+						10.1212/01.wnl.0000178224.81169.c2
Fibrinogen alpha chain	P02671	+	+					10.1038/ng0393-252
Galectin 7	P47929	+						no data
Gamma-aminobutyric acid receptor subunit beta-1 precursor	P18505				+		✓	no data
Gelsolin	P06396	+	+	+			✓	PMID: 14640038
Glycophorin A	P02724		+				✓	10.1021/bi047827g
G-protein coupled receptor 20	Q99678				+		✓	no data
GRB2-associated-binding protein 1	Q13480				+		✓	no data
Growth/differentiation factor 3 precursor	Q9NR23				+		✓	no data
Guanine nucleotide-binding protein subunit beta-5	O14775				+		✓	no data
Histone-lysine N-methyltransferase 2C	Q8NEZ4				+		✓	no data
Homeobox protein DLX-3	O60479				+		✓	no data
Huntingtin (Polyq expanded)	P42858	+	+	+				10.1016/S0896-6273(02)00872-3
Ig gamma-1 chain C region (Immunoglobulin Heavy Chain)	P01857	+	+					PMID: 2118650
Ig kappa chain C region (Immunoglobulin Light Chain)	P01834	+	+	+			✓	10.1074/jbc.M207225200
Ig kappa chain V-I region BAN	P04430					+		no data
Ig kappa chain V-II region TEW	P01617					+		
Ig lambda chain V-I region EPS	P06888					+		no data

Ig lambda chain V-II region NIG-84	P04209						+		
Ig lambda chain V-IV region MOL	P06889						+		no data
Ig lambda chain V-VI region AR	P01721						+		
Inner nuclear membrane protein Man1	Q9Y2U8					+		✓	no data
Insulin	P01308	+	+						PMID: 6337294 10.4103/2230-8210.146879
Integral membrane protein 2B	Q9Y287	+	+					✓	10.1042/BST20051111
Integrin alpha-8 precursor (extracellular domain)	P53708					+		✓	no data
Interleukin-31 receptor subunit alpha	Q8NI17						+		10.1038/ejhg.2009.135
Islet amyloid polypeptide	P10997	+	+	+				✓	10.1006/jmbi.1999.3422
Kerato-epithelin	Q15582	+	+						PMID: 9799082
Kv channel-interacting protein 1	Q9NZI2					+		✓	no data
Lactadherin	Q08431	+	+					✓	10.1073/pnas.96.15.8669
Lactoferrin	P02788	+	+					✓	10.1021/bi0204746
Leukocyte cell-derived chemotaxin-2	O14960	+							no data
Low-density lipoprotein receptor precursor	P01130					+		✓	no data
Lysozyme C	P61626	+	+	+					10.1002/humu.9393
Major prion protein	P04156	+	+	+				✓	PMID: 1438300 10.1046/j.1471-4159.2003.01664.x
NACHT, LRR and PYD domains-containing protein 3	Q96P20						+		10.1002/art.10509
NADH-ubiquinone oxidoreductase chain 1	P03886						+		10.1006/geno.1993.1299
NADH-ubiquinone oxidoreductase chain 2	P03891						+		10.1016/S0006-291X(05)80136-6
Natriuretic peptides A	P01160	+	+						10.1016/S0006-291X(87)80243-7
Neuroserpin	Q99574	+							10.1038/43894
Nucleophosmin	P06748					+		✓	10.1096/fj.14-269522
Odontogenic ameloblast-associated protein	A1E959	+	+					✓	10.1042/BST20051111

Oncostatin-M-specific receptor subunit beta	Q99650					+		10.1016/j.ajhg.2007.09.002
Origin recognition complex subunit 3	Q9UBD5				+		✓	no data
Otoferlin	Q9HC10				+		✓	no data
P21-ras (GTPase HRas)	P01112				+		✓	PMID: 7723021
p53	P04637		+					10.1016/S0022-2836(03)00175-X
Phosphatidylinositol 3-kinase regulatory subunit alpha	P27986				+		✓	10.1038/nmeth.1432
Plasminogen activator inhibitor 1 precursor	P05121				+		✓	10.1038/nmeth.1432
Polyadenine-binding protein 2	Q86U42		+					10.1159/000072861
Polycystin-1 precursor	P98161				+		✓	10.1038/nmeth.1432
Polypeptide N-acetylgalactosaminyltransferase 1	Q10472				+		✓	no data
POU domain, class 2 transcription factor 1	P14859				+		✓	10.1038/nmeth.1432
Presenilin 1	P49768		+				✓	10.1006/bbrc.1997.6336
presenilin 2	P49810		+				✓	10.1006/bbrc.1997.6336
Prion-like protein doppel	Q9UKY0					+		no data
Procarboxypeptidase A2 activation domain	P48052		+				✓	10.1042/bj20030368
Prolactin	P01236	+	+				✓	PMID: 9006323
Proprotein convertase subtilisin/kexin type 6 precursor	P29122				+		✓	no data
Prosaposin receptor GPR37 precursor	O15354				+		✓	no data
Prostatic acid phosphatase	P15309					+	✓	10.1016/j.cell.2007.10.014 10.1128/JVI.00268-09
Protein unc-13 homolog B	O14795				+		✓	no data
Protocadherin beta-2 precursor	Q9Y5E7				+		✓	10.1038/nmeth.1432
Protocadherin-15 precursor	Q96QU1				+		✓	no data
Pulmonary surfactant-associated protein C	P11686	+	+				✓	10.1056/NEJMra023226
Putative BPIFA4P protein precursor	Q86YQ2				+		✓	no data

Pyrin	O15553						+	10.1038/sj.ejhg.5200303
Relaxin receptor 2	Q8WXD0					+	✓	10.1038/nmeth.1432
Ribose-5-phosphate isomerase	P49247					+	✓	no data
RNA-binding protein FUS	P35637					+	✓	
RNA-binding protein Musashi homolog 1	O43347					+	✓	no data
Rod cGMP-specific 3', 5'-cyclic phosphodiesterase subunit alpha precursor	P16499					+	✓	no data
Semenogelin-1	P04279	+	+				✓	PMID: 15962837
Serine/threonine-protein phosphatase 5	P53041						+ ✓	10.1074/jbc.M410775200
Serum amyloid A-1	P0DJI8	+	+	+			✓	10.1016/S0006-291X(05)80107-X
Serum amyloid A-2	P0DJI9	+	+	+			✓	10.1016/S0006-291X(05)80107-X
Serum amyloid P-component	P02743						+	PMID: 4055725
Shadow of prion protein	Q5BIV9						+	no data
SLIT and NTRK-like protein 5 precursor	O94991					+	✓	no data
Sortilin-related receptor	Q92673						+	10.1126/scitranslmed.3007747 10.1038/mp.2012.15
Spectrin SH3 (Spectrin alpha chain, non-erythrocytic 1)	Q13813					+	✓	10.1006/jmbi.1996.0042
Splicing factor 3A subunit 2	Q15428					+	✓	no data
Superoxide dismutase 1	P00441		+					10.1038/362059a0
TAR DNA-binding protein 43	Q13148					+	✓	
Taste receptor type 2 member 5	Q9NYW4					+	✓	10.1038/nmeth.1432
TATA-box binding protein	P20226		+					10.1093/hmg/10.14.1441
Tau	P10636	+	+	+			✓	10.1074/jbc.M402379200
Titin	Q8WZ42					+	✓	10.1038/nmeth.1432
Transportin-1	Q92973					+	✓	10.1038/nmeth.1432

Transthyretin	P02766	+	+	+				10.1007/PL00000791
Tumor necrosis factor receptor superfamily member 1A	P19438					+		10.1086/321976
Tumor-associated calcium signal transducer 2	P09758					+		10.1038/7759
Tyrosine-protein kinase Mer precursor	Q12866				+		✓	no data
Tyrosine-protein kinase transmembrane receptor ROR2 precursor	Q01974				+		✓	no data
Unconventional myosin-XV	Q9UKN7				+		✓	10.1038/nmeth.1432
YLP motif-containing protein 1	P49750				+		✓	10.1038/nmeth.1432
α1 Anti-trypsin C-terminal peptides	P01009		+				✓	PMID: 7576238
α1A voltage-dependent calcium channel subunit	O00555		+					10.1159/000072849

AC, Accession;
***Protein Names were extracted from UniProt**