

Supplemental Table 6: Secreted proteins identified in the annotated chicken otocyst SAGE library. Listed are the gene symbols, gene names, and tag count.

Gene symbol	Gene name	Tag count
MDK	midkine (neurite growth-promoting factor 2)	154
COL2A1	collagen, type II, alpha 1	39
COL18A1	collagen, type XVIII, alpha 1	31
LAMC1	laminin, gamma 1 (formerly LAMB2)	21
HDGF	hepatoma-derived growth factor (high-mobility group protein 1-like)	16
SEMA3B	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B	15
UTS2D	urotensin 2 domain containing	14
SPARC	secreted protein, acidic, cysteine-rich (osteonectin)	12
WDR73	WD repeat domain 73	11
COL11A1	collagen, type XI, alpha 1	10
GPI	glucose phosphate isomerase	10
IGHM	immunoglobulin heavy constant mu	9
OLFML3	olfactomedin-like 3	9
SDF2	stromal cell-derived factor 2	9
SFRP2	secreted frizzled-related protein 2	9
AAMP	angio-associated, migratory cell protein	7
IGFBP4	insulin-like growth factor binding protein 4	7
NID2	nidogen 2 (osteonidogen)	7
RARRES2	retinoic acid receptor responder (tazarotene induced) 2	7
ARMET	arginine-rich, mutated in early stage tumors	6
COL5A1	collagen, type V, alpha 1	6
KIAA0100	KIAA0100	6
NOTUM	notum pectinacetylerase homolog (Drosophila)	6
WFDC1	WAP four-disulfide core domain 1	6
APOA1BP	apolipoprotein A-I binding protein	5
COL1A2	collagen, type I, alpha 2	5
COL4A6	collagen, type IV, alpha 6	5
LAMA1	laminin, alpha 1	5
LAMB1	laminin, beta 1	5
MMP17	matrix metalloproteinase 17 (membrane-inserted)	5
NCAN	neurocan	5
PSAP	prosaposin	5
SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	5
ANXA2	annexin A2	4
C10ORF58	chromosome 10 open reading frame 58	4
C17ORF71	chromosome 17 open reading frame 71	4
GIP	gastric inhibitory polypeptide	4

GPX3	glutathione peroxidase 3 (plasma)	4
IK	IK cytokine, down-regulator of HLA II	4
TFIP11	tuftelin interacting protein 11	4
TXLNA	taxilin alpha	4
AGRN	agrin	3
C1R	complement component 1, r subcomponent	3
C20ORF108	chromosome 20 open reading frame 108	3
C7ORF30	chromosome 7 open reading frame 30	3
COL5A2	collagen, type V, alpha 2	3
COL9A3	collagen, type IX, alpha 3	3
CTHRC1	collagen triple helix repeat containing 1	3
GSN	gelsolin (amyloidosis, Finnish type)	3
HS6ST2	heparan sulfate 6-O-sulfotransferase 2	3
ISLR	immunoglobulin superfamily containing leucine-rich repeat	3
JAG1	jagged 1 (Alagille syndrome)	3
LUM	lumican	3
NID1	nidogen 1	3
PLTP	phospholipid transfer protein	3
SFRP1	secreted frizzled-related protein 1	3
SPATA6	spermatogenesis associated 6	3
TGFB2	transforming growth factor, beta 2	3
ADAMTSL2	ADAMTS-like 2	2
AMH	anti-Mullerian hormone	2
C2ORF7	chromosome 2 open reading frame 7	2
C4BPA	complement component 4 binding protein, alpha	2
CFDP1	craniofacial development protein 1	2
CMTM3	CKLF-like MARVEL transmembrane domain containing 3	2
COL16A1	collagen, type XVI, alpha 1	2
COL4A5	collagen, type IV, alpha 5	2
CSPG5	chondroitin sulfate proteoglycan 5 (neuroglycan C)	2
CST3	cystatin C	2
CYR61	cysteine-rich, angiogenic inducer, 61	2
EDIL3	EGF-like repeats and discoidin I-like domains 3	2
F9	coagulation factor IX	2
FIGF	c-fos induced growth factor (vascular endothelial growth factor D)	2
FRZB	frizzled-related protein	2
FUCA2	fucosidase, alpha-L- 2, plasma	2
IGFBP2	insulin-like growth factor binding protein 2, 36kDa	2
LOXL1	lysyl oxidase-like 1	2
METRNL	meteorin, glial cell differentiation regulator-like	2
NELL2	NEL-like 2 (chicken)	2
NTN1	netrin 1	2

OPTC	opticin	2
PGCP	plasma glutamate carboxypeptidase	2
PRPSAP1	phosphoribosyl pyrophosphate synthetase-associated protein 1	2
SERINC2	serine incorporator 2	2
SFRP4	secreted frizzled-related protein 4	2
TNC	tenascin C	2
ADAMTS1	ADAM metallopeptidase with thrombospondin type 1 motif, 1	1
ADAMTS19	ADAM metallopeptidase with thrombospondin type 1 motif, 19	1
ADCYAP1	adenylate cyclase activating polypeptide 1 (pituitary)	1
AGR3	anterior gradient homolog 3 (<i>Xenopus laevis</i>)	1
ANGPTL2	angiopoietin-like 2	1
APOOL	apolipoprotein O-like	1
B9D1	B9 protein domain 1	1
BCHE	butyrylcholinesterase	1
BGLAP	bone gamma-carboxyglutamate (gla) protein	1
BMP7	bone morphogenetic protein 7	1
C10ORF59	chromosome 10 open reading frame 59	1
C19ORF10	chromosome 19 open reading frame 10	1
C1GALT1	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1	1
C1ORF102	chromosome 1 open reading frame 102	1
C1QTNF3	C1q and tumor necrosis factor related protein 3	1
C2	complement component 2	1
C2CD2	C2 calcium-dependent domain containing 2	1
C4ORF31	chromosome 4 open reading frame 31	1
CCL1	chemokine (C-C motif) ligand 1	1
CHGA	chromogranin A (parathyroid secretory protein 1)	1
CILP	cartilage intermediate layer protein, nucleotide pyrophosphohydrolase	1
CLU	clusterin	1
CMTM8	CKLF-like MARVEL transmembrane domain containing 8	1
COL14A1	collagen, type XIV, alpha 1	1
COL21A1	collagen, type XXI, alpha 1	1
COL4A1	collagen, type IV, alpha 1	1
COL4A2	collagen, type IV, alpha 2	1
COL9A2	collagen, type IX, alpha 2	1
CPD	carboxypeptidase D	1
CPN1	carboxypeptidase N, polypeptide 1	1
CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	1
CRTAC1	cartilage acidic protein 1	1
CRTAP	cartilage associated protein	1
CTGF	connective tissue growth factor	1
CYTL1	cytokine-like 1	1
DDRGK1	DDRGK domain containing 1	1

EDN3	endothelin 3	1
EGFL7	EGF-like-domain, multiple 7	1
EMILIN2	elastin microfibril interfacier 2	1
EPYC	epiphycan	1
F2	coagulation factor II (thrombin)	1
FAM172A	family with sequence similarity 172, member A	1
FAM20B	family with sequence similarity 20, member B	1
FAM55C	family with sequence similarity 55, member C	1
FBN2	fibrillin 2	1
FGF10	fibroblast growth factor 10	1
FGF19	fibroblast growth factor 19	1
FLJ22662	hypothetical protein FLJ22662	1
FSTL3	follistatin-like 3 (secreted glycoprotein)	1
IGFBP7	insulin-like growth factor binding protein 7	1
IGH-3	immunoglobulin heavy chain 3 (serum IgG2b)	1
IGSF21	immunoglobulin superfamily, member 21	1
LECT1	leukocyte cell derived chemotaxin 1	1
LY86	lymphocyte antigen 86	1
MATN4	matrilin 4	1
MFGE8	milk fat globule-EGF factor 8 protein	1
MMP11	matrix metallopeptidase 11 (stromelysin 3)	1
MMP9	matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)	1
MST1	macrophage stimulating 1 (hepatocyte growth factor-like)	1
NENF	neuron derived neurotrophic factor	1
NME6	non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase)	1
OLFML2A	olfactomedin-like 2A	1
OLFML2B	olfactomedin-like 2B	1
PDZD11	PDZ domain containing 11	1
PGLYRP1	peptidoglycan recognition protein 1	1
PTX3	pentraxin-related gene, rapidly induced by IL-1 beta	1
QPCT	glutaminy-peptide cyclotransferase	1
SCYE1	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)	1
SEPP1	selenoprotein P, plasma, 1	1
SERPINF2	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2	1
SLIT1	slit homolog 1 (Drosophila)	1
SMOC2	SPARC related modular calcium binding 2	1
TAGLN3	transgelin 3	1
TGFBI	transforming growth factor, beta-induced, 68kDa	1
THBS1	thrombospondin 1	1
THBS4	thrombospondin 4	1

TIMP2	TIMP metalloproteinase inhibitor 2	1
TM2D2	TM2 domain containing 2	1
TM2D3	TM2 domain containing 3	1
TOR2A	torsin family 2, member A	1
TWSG1	twisted gastrulation homolog 1 (Drosophila)	1
VCAN	versican	1
VEGFA	vascular endothelial growth factor A	1
VWA5B1	von Willebrand factor A domain containing 5B1	1
WFIKKN1	WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 1	1
WNT3	wingless-type MMTV integration site family, member 3	1
WNT5A	wingless-type MMTV integration site family, member 5A	1