

## SUPPLEMENTARY ONLINE DATA

# Proteolytic processing of QSOX1A ensures efficient secretion of a potent disulfide catalyst

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**Table S1 Human proteases present in the ER and Golgi**

 Results were returned upon a Uniprot database (<http://www.uniprot.org>) enquiry using the following search terms: Human/Protease/Golgi Stack [OR] Human/Protease/Endoplasmic Reticulum. Proprotein convertases are highlighted in bold.

Entry	Gene name	Protein names
P56817	<i>BACE1</i>	$\beta$ -Secretase 1 (membrane-associated aspartic protease 2)
Q9Y5Z0	<i>BACE2</i>	$\beta$ -Secretase 2 (membrane-associated aspartic protease 1)
A6NHC0	<i>CAN8</i>	Calpain-8
Q9Y646	<i>CBPQ</i>	Carboxypeptidase Q (plasma glutamate carboxypeptidase)
Q60344	<i>ECE2</i>	Endothelin-converting enzyme 2
Q9NZ08	<i>ERAP1</i>	Endoplasmic reticulum aminopeptidase 1 (type 1 tumour necrosis factor receptor shedding aminopeptidase regulator)
Q6P179	<i>ERAP2</i>	Endoplasmic reticulum aminopeptidase 2
Q7Z2K6	<i>ERMP1</i>	Endoplasmic reticulum metalloproteinase 1
Q75844	<i>FACE1</i>	CAAX prenyl protease 1 homologue (farnesylated protein-converting enzyme 1, zinc metalloproteinase Ste24 homologue)
<b>P09958</b>	<b><i>FURIN</i></b>	<b>Furin (paired basic amino acid residue-cleaving enzyme, PACE)</b>
Q92643	<i>GPI8</i>	GPI (glycosylphosphatidylinositol)-anchor transamidase
Q8TCT9	<i>HM13</i>	Minor histocompatibility antigen H13 (intramembrane protease 1, signal peptide peptidase)
Q92876	<i>KLK6</i>	Kallikrein-6
Q14703	<i>MBTP1</i>	Membrane-bound transcription factor site-1 protease (subtilisin/kexin isoenzyme 1, SKI-1)
Q75900	<i>MMP23</i>	Matrix metalloproteinase-23
<b>P29122</b>	<b><i>PCSK6</i></b>	<b>Proprotein convertase subtilisin/kexin type 6 (paired basic amino acid cleaving enzyme 4, PACE4)</b>
<b>Q16549</b>	<b><i>PCSK7</i></b>	<b>Proprotein convertase subtilisin/kexin type 7 (proprotein convertase 7, PC7; proprotein convertase 8, PC8)</b>
P49768	<i>PSN1</i>	Presenilin-1 (PS-1)
P49810	<i>PSN2</i>	Presenilin-2 (PS-2)
P67812	<i>SC11A</i>	Signal peptidase complex catalytic subunit SEC11A
Q9BY50	<i>SC11C</i>	Signal peptidase complex catalytic subunit SEC11C
Q9Y6A9	<i>SPCS1</i>	Signal peptidase complex subunit 1 (12 kDa subunit)
Q15005	<i>SPCS2</i>	Signal peptidase complex subunit 2 (25 kDa subunit)
P61009	<i>SPCS3</i>	Signal peptidase complex subunit 3 (22/23 kDa subunit)
Q8TCT7	<i>SPP2B</i>	Signal peptide peptidase-like 2B (intramembrane protease 4)
Q8IUH8	<i>SPP2C</i>	Signal peptide peptidase-like 2C intramembrane protease 5)
Q8TCT6	<i>SPPL3</i>	Signal peptide peptidase-like 3 (intramembrane protease 2)
P57727	<i>TMPS3</i>	Transmembrane protease serine 3
Q9UI38	<i>TSP50</i>	Probable threonine protease PRSS50 (testis-specific)
Q94966	<i>UBP19</i>	Ubiquitin C-terminal hydrolase 19
Q8NFA0	<i>UBP32</i>	Ubiquitin C-terminal hydrolase 32
P09936	<i>UCHL1</i>	Ubiquitin C-terminal hydrolase isoenzyme L1
Q9NUQ7	<i>UFSP2</i>	Ufm1-specific protease 2
Q96JH7	<i>VCIP1</i>	Deubiquitinating protein VCIP135

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