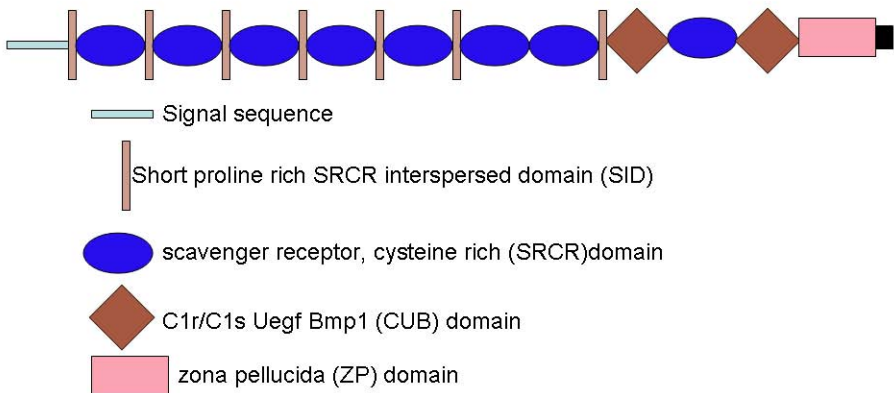


Supplemental Figure 1: Domain structure of rabbit kidney hensin



Supplemental Figure 2: Cyp A Binding Hensin Peptides

MGISTVLALSLLWGPALSQGWIPYTTYHDSVSSPGAPVETTTTEVFPSGLELRLANGGD
RCQGRVEVLYQGSWGTVCDDGWDINDAQVVCROLGCGMAVSAPGSARFGQPGQIVLDDV
SCSGQEPYLWSCHHRGWLSHNCGHQEDAGVICSDAMAMTSPPPDTWPTTVIYESTPHFPS
GLELVFPSGLELRLANGSDRCQGRVEVLYQGSWGTVCDDGWDINDAQVVCROLGCGMAVS
APGSARFGQPGQIVLDDVSCSGQEPYLWSCHHRGWLSHNCGHQEDAGVICSDAVPTTTP
FPDTWPTTVIYESSPVFPSGLELRLANGSDRCQGRVEVLYQGSWGTVCDDGWDINDAQV
CROLGCGTAVSAPGSARFGQPGQIVLDDVSCSGQEPYLWSCHHRGWLSHNCGHQEDAGV
ICSDAMAMTTPPDTWPTTVIHSTPVFPSGLELQLANGSDRCQGRVEVLYQGTVCDDG
DINDAQVVCROLGCGMAVSAPGSARFGQPGQIVLDDVSCSGQEPYLWSCHHRGWLSHNC
GHQEDAGVICSDAMAMTTPPPDTWPTTVIYESTPHFPSGLELRLANGSDRCQGRVEVLYQ
GSWGTVCDDGWDINDAQVVCROLGCGTAVSAPGSARFGQPGQIVLDDVSCSGQEPYLWS
CHHRGWLSHNCGHQEDAGVICSGAMDTTTPPDTWPTTVIYESTPVHISGLQLRLVNGSD
RCEGRVEVLYQGSWGTVCDDSWDLNDASVVCROLGCGTALSAPASAQFGQSSGSI V LDDV
SCSGSEPNLWSCSHRGWLSHNCGHEDAGVVCSPDRLAVRLVNGSTRCQGRVEVLYRG
SWGTVCDDSWDINDASVVCROLGCGWAVSAPGSARFGQSGSIFLDEVSCSGQEPYLWNC
SHRGWLSHNCGHYEDAGVICSDGWTTVTPPAPTDDWWEPTVTTTVGPPSSNCGGFLYNATG
SFSSPSYPGYYPNNALCVWEIAVPSGYLINLGFSQLRLEQHSYCNFDYVEIFDGSTDSSL
LGKICNDSGQIFTTSSNRMTVLFRSDISVQNTGFLAWYNSFPRDASLRLVSGNSSYGACA
GRVEIYHGGRWGTVCDDSWDTQDAQVVCROLQCGDAVSAPGGAYFGSGSPITLDDVNC
GTEATLWQCRSQQSWFSHNCGHEDASVICTGNYGTTTASVPNIISTSNASYSCGGFLSQHS
GRFSSPFYPGNYPNNARCVDIEVQNNYQVTVTFTDVQLEGGCQYDYIEVFDGPHYHS SPL
IARVCDGARGSFSSSNFLSVRFVSDGSITRRGFQAEFYSLPSNDSTNLLCLMNHMQASV
SRAYLQSLGFSAWELVVSGWNGNYQCQRQITPSQVIFTIPYSGCGTIKQVDNETITYSNF
LKAAVSSGVIKRKKDLHIHVSCRMLQDSWVHTMYIANDTIEVSEVQYSNFNVNVSFYTSS
SFSYPVTSSPYVVDLDQNLVYLQAEILHSDASLALFVDTCVASPNPNDFTSVTYDLIRSGC
VRDETYR SYAQPSPRVVRFENSFHFLNRFPAVYLRCMKMVVCRAYDYSSRCYRGCVVRSK
RDVGSYQERVDVVLGPIQLLDPPAGKKS PGKGSF

Box-SID domains

Underline-ZP domain

Sequences colored in Yellow and Red correspond to peptides underlined in Yellow and Green in Figure 5.