

# Supplementary Figure1

**A**  
Mus musculus angiotensin II receptor, type 1a

MALNSSTEDGIKRIQDDCPRAGRHSYIFVMIPTLYSIIFVVGIFGNSLVVIVYFY  
MKLKTVASVFLNLALADLCFLTLPLWAVYTAMEYRWPFGNHLCIASASV  
SFNLYASVFLLTCLSIDRYLAIVHPMKSRLRRTMLVAKVTCHIIWLMAGLASLPA  
VIHRNVYFIENTNITVCAFHYESRNSTLPIGLGLTKNILGFLFPFLIILTSYTLIWK  
ALKKAYEIQKNKPRNDDIFRIIMAIVLFFFWSVPHQIFTLVDVLIQLGVIHDCCK  
IADIVDTAMPITICIAFYNNCLNPLFYGFLGKKFKKYFLQLLKYIPPKAKSHSSL  
STKMSTLSYRPSDNMSSAAKKPASCSEVE

**B**  
Homo sapiens angiotensin II receptor, type 1

MILNSSTEDGIKRIQDDCPKAGRHNIFVMIPTLYSIIFVVGIFGNSLVVIVYFY  
MKLKTVASVFLNLALADLCFLTLPLWAVYTAMEYRWPFGNLCKIASASV  
SFNLYASVFLLTCLSIDRYLAIVHPMKSRLRRTMLVAKVTCHIIWLLAGLASLPAI  
IHRNVFFIENTNITVCAFHYEQNSTLPIGLGLTKNILGFLFPFLIILTSYTLIWK  
LKKAYEIQKNKPRNDDIFKIIAIVLFFFWSVPHQIFTLVDVLIQLGIIRDCRIAD  
IVDTAMPITICIAFYNNCLNPLFYGFLGKKFKRYFLQLLKYIPPKAKSHSNLSTK  
MSTLSYRPSDNVSSSTKKPAPCFEVE

**C**

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unnamed protein product  
Sequence ID: Icd|Query\_71157 Length: 359 Number of Matches: 4

Range 1: 165 to 190 Graphics Next Match Previous Match

Score	Expect	Identities	Positives	Gaps
83.3 bits(189)	3e-24	24/26(92%)	25/26(96%)	0/26(0%)

Query 1 IHRNVFFIENTNITVCAFHYEQNST 26  
IHRNVFFIENTNITVCAFHYESNST  
Sbjct 165 IHRNVYFIENTNITVCAFHYESRNST 190

Supplementary Figure 2

