Human Murine Rabbit Porcine Bovine-1


RNase-1 . . K ESRAKKFQRQHMDSDSSPSSSSTYCNQMMRRRNMTQGRCKPV RNase A - . KETAAAKFERQHMDSSTSAASSSNYCNQMMKSRNLTKDRCKPV

Human Murine Rabbit Porcine Bovine-1


 RNase A NTFVHESLADVQAVCS. . . Q KNVACKNGQTNCYQSYSTMSITDCR

Human Murine Rabbit Porcine Bovine-1

RNase-1 LTNGSRYPNCAYRTSPKERHIIVACEGSPYVPVHFDASVEDST RNase A ETGSSKYPNCAYKTTQANKHIIVACEGNPYVPVHFDASV

Figure 4. Protein sequence alignment of human, murine, rabbit, porcine and bovine (Bovine1) angiogenins, bovine angiogenin-2 (Bovine-2), human pancreatic ribonuclease (RNase-1), and bovine pancreatic ribonuclease (RNase A). The alignment is numbered according to human angiogenin. Amino acids conserved in all angiogenins are boxed. The active site residues His-13, Lys-40, and His-114 are shown in bold.

