@

@

HBA HUMAN HBA MOUSE HBAZ CAPHI consensus

MVLSPADKTNVKAAWGKVGAHAGEYGAEALERMFLSFPTTKTYFPHFDLSHGSAQVKGHGKKVADALTNAVAHVDDMPNALSALSDLHAHKLRVDPVNFKLLSHCLLVTL MVLSGEDKSNIKAAWGKIGGHGAEYGAEALERMFASFPTTKTYFPHFDVSHGSAQVKGHGKKVADALASAAGHLDDLPGALSALSDLHAHKLRVDPVNFKLLSHCLLVTL MSLTRTERTIILSLWSKISTQADVIGTETLERLFSCYPQAKTYFPHFDLHSGSAQLRAHGSKVVAAVGDAVKSIDNVTSALSKLSELHAYVLRVDPVNFKFLSHCLLVTL

110

110

110

HBA HUMAN HBA MOUSE HBAZ CAPHI consensus

AAHLPAEFTPAVHASLDKFLASVSTVLTSKYR ASH<mark>H</mark>PADFTPAVHASLDKFLASVSTVLTSKYR ASH<mark>F</mark>PADFT<mark>ADA</mark>HA<mark>AW</mark>DKFL<mark>SI</mark>VS<mark>G</mark>VLT**E**KYR

142 142

142

non-conserved

 \geq 50% conserved