Collagen Domain

```
Human      MIPWVLLACALPCAADPLLGAFARRDFRKGSPQLVCSLPGPQGPPGPPGAPGPSGMMGRM 60
Mouse      MISWVLLACALPCAADPMLGAFARRDFQKGGPQLVCSLPGPQGPPGPPGAPGSSGVVGRM 60
Rat        MISWMLLACALPCAADPMLGAFARRDFQKGGPQLVCSLPGPQGPPGPPGAPGSSGMVGRM 60
Bovine     MIPWVLLACALPCAADPLLAAFARRDFQKGSPQLICSMPGPQGPPGPPGAPGPSGMVGRM 60
Pig        MIPWVLLACTLPCAADPLLGAFARRDFQKGSPQLICSLPGPQGPPGPPGAPGPSGMVGRM 60
Chicken    ------------------------------------------------------------
Fugu       ------------------------------------------------------------
Zebrafish  ------------------------------------------------------------

Human      GFPGKDGQDGHDGDRGDSGEEGPPGRTGNRGKPGPKGKAGAIGRAGPRGPKGVNGTPGKH 120
Mouse      GFPGKDGQDGQDGDRGDSGEEGPPGRTGNRGKQGPKGKAGAIGRAGPRGPKGVSGTPGKH 120
Rat        GFPGKDGQDGQDGDRGDSGEEGPPGRTGNRGKQGPKGKAGAIGRAGPRGPKGVSGTPGKH 120
Bovine     GFPGRDGQDGQDGDRGETGEEGSPGRTGNRGKPGPKAKAGAIGRAGPRGPKGVSGAPGKH 120
Pig        GFPGRDGQDGQDGDRGNSGEEGPPGRTGNRGKPGPKGKAGAIGRAGPRGPKGVSGAPGKH 120
Chicken    ------------------------------------------------GPKGLKGNPGKN 12
Fugu       ------------------------------------------------------------
Zebrafish  ------------------------------------------------------------
```

Collagen Domain Globular Domain

```
Human      GTPGKKGPKGKKGEPGLPGPCSCGSGHTKSAFSVAVTKSYPRERLPIKFDKILMNEGGHY 180
Mouse      GTPGKKGPKGKKGEPGLPGPCSCGSSRAKSAFSVAVTKSYPRERLPIKFDKILMNEGGHY 180
Rat        GIPGKKGPKGKKGEPGLPGPCSCGSSRAKSAFSVAVTKSYPRERLPIKFDKILMNEGGHY 180
Bovine     GTPGKKGPKGKKGEPGLPGPCSCGSSHAKSAFSVAVTKSYPRERLPIKFDKILMNEGGHY 180
Pig        GTPGKKGPKGKKGEPGLPGPCSCGSGHAKSAFSVAVTKSYPRERLPIKFDKILMNEGGHY 180
Chicken    GAPGKKGPKGNKGETGMPGPCTCNANKAKSAFSVAVSKSYPRERLPIKFDRILMNEGGHY 72
Fugu       ----------------------CG-TAARSAFSVAVTKSYPKERLPIRFSRVLLNEGNHY 37
Zebrafish  ------------------------------RSAFSVAVTESYPKERTASRFNKILMNEGGHY 32

Human      NASSGKFVCGVPGIYYFTYDITLANKHLAIGLVHNGQYRIRTFDANTGNHDVASGSTILA 240
Mouse      NASSGKFVCSVPGIYYFTYDITLANKHLAIGLVHNGQYRIRTFDANTGNHDVASGSTILA 240
Rat        NASSGKFVCSVPGIYYFTYDITLANKHLAIGLVHNGQYRIRTFDANTGNHDVASGSTILA 240
Bovine     NASSGKFVCGVPGIYYFTYDITLANKHLAIGLVHNGQYRIRTFDANTGNHDVASGSTILA 240
Pig        NASSGKFVCGVPGIYYFTYDITLANKHLAIGLVHNGQYRIRTFDANTGNHDVASGSTILA 240
Chicken    NASSGKFVCSIPGIYYFTYDITLANKHLAIGLVHNGQYRIKTFDANTGNHDVASGSTILS 132
Fugu       NTTTGKFVCAIPGVYYFSYDITLANKHLAIGLVHNGHYKIKTFDANTGNHDVASGSTVLR 97
Zebrafish  NSTSGKFNCVIPGVYYFTYDITLANKHLAIGLVHNGQYKIRTFDANTGNYDVASGSTILR 92

Human      LKQGDEVWLQIFYSEQNGLFYDPYWTDSLFTGFLIYADQDDPNEV 285
Mouse      LKEGDEVWLQIFYSEQNGLFYDPYWTDSLFTGFLIYADQGDPNEV 285
Rat        LKEGDEVWLQIFYSEQNGLFYDPYWTDSLFTGFLIYADQGDPNEV 285
Bovine     LRQGDEVWLQIFYSEQNGLFYDPYWTDSLFTGFLIYADQDNPSEV 285
Pig        LKQGDEVWLQIFYSEQNGLFYDPYWTDSLFTGFLIYADQDNPNEV 285
Chicken    LKQEDEVWLQIRLT-----F--------------------------- 147
Fugu       LQKSDQVWLQIFYSEQNGLFFDPFWTDSTFTGFLVHADQDYLNE- 141
Zebrafish  LQKGDQVWLQIFYSEQNGLFFDPFWTDSLFTGFLIFADQAEP--- 134
```