

A

Histone H3.1

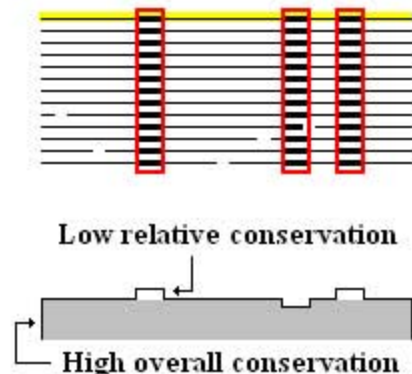


Hsa : PEGTQLAKKINGERA
 Cla : PEGTQLAKKINGERA
 Bta : PEGTQLAKKINGERA
 Mmu : PEGTQLAKKINGERA
 Rno : PEGTQLAKKINGERA
 Gga : PEGTQLAKKINGERA
 Xtr : PEGTQLAKKINGERA
 Tni : PEGTQLAKKINGERA
 Dre : PEGTQLAKKINGERA
 Sgu : PEGTQLAKKINGERA
 Dme : PEGTQLAKKINGERA
 Ame : PEGTQLAKKINGERA
 Cel : PEGTQLAKKINGERA

Histone H3.1 Y54

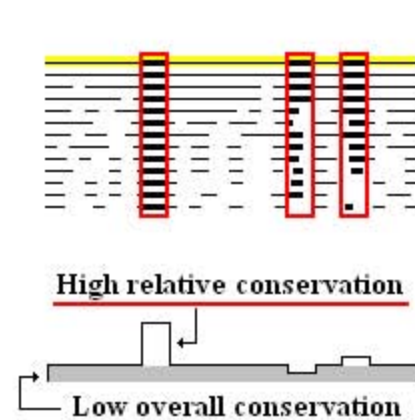
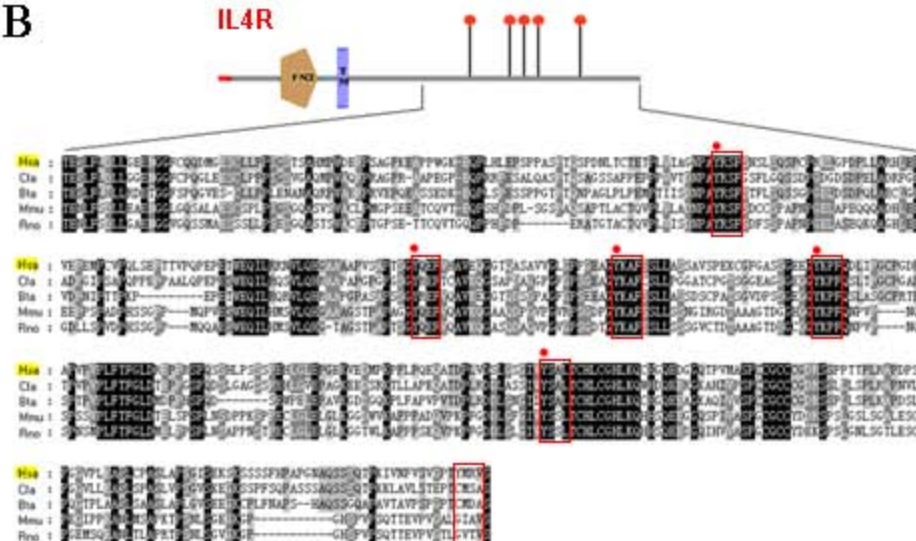
Hsa : RPGTVALREIRFYQKSTELLIRKLP
 Cfa : RPGTVALREIRFYQKSTELLIRKLP
 Bta : RPGTVALREIRFYQKSTELLIRKLP
 Mmu : RPGTVALREIRFYQKSTELLIRKLP
 Rno : RPGTVALREIRFYQKSTELLIRKLP
 Gga : RPGTVALREIRFYQKSTELLIRKLP
 Xtr : RPGTVALREIRFYQKSTELLIRKLP
 Tni : RPGTVALREIRFYQKSTELLIRKLP
 Dre : RPGTVALREIRFYQKSTELLIRKLP
 Sgu : RPGTVALREIRFYQKSTELLIRKLP
 Dme : RPGTVALREIRFYQKSTELLIRKLP
 Ame : RPGTVALREIRFYQKSTELLIRKLP
 Cel : RPGTVALREIRFYQKSTELLIRKLP

$$\ln(C_R) = 0.04$$



B

IL4R



IL4R Y631

Hsa : KCGFGASSGEEGYKPFQDLIFGCPG
 Cfa : TSGGEAGSGEEGYKPFQSLTPGCPG
 Bta : TSGVDPSSGEEGYKPFQSLASGCPG
 Mmu : TAAAGTDGCHGGYKPFQNPVP
 Rno : TAAAGTDCGCGGYKPFQNPVP

$$\ln(C_R) = 2.101$$

IL4R Y821

Hsa : SSSQTPKIVNFVSVPTVMRV
 Cfa : SSSQTPKKLAVLSTEPICMSAS
 Bta : SSGQAPAVTAVPSPPTICMDAS
 Mmu : GHSPVPSQTTEVPVCAIGIAVS
 Rno : GHSPVPSQTTEVPVCTIGVTVS

$$\ln(C_R) = -0.201$$