## Short hematopoietin receptor family 1 signature IL21R\_HUMAN/190-223 FRKDSSYELQVRAGPMPGSSYQGT.....WSEWSDPVIF IL21R\_MOUSE/190-223 FHKDSSYQLQVRAAPQPGTSFRGT.....WSEWSDPVIF LTPDTQYEFQVRVKPLQGEFTT.....WSPWSQPLAF LTPDTOYEFOVRVKPLOGEFTT.....WSPWSOPLAF LIPSTSYEVOVRVKAORNNTGT.....WSPWSOPLTF LTPDTQYEFQVRVKPLQGEFTT.....WSPWSQPLAF LTPDTSYELOVRVIAORGKTRT.....WSPWSOPMAF VDAQKLYTFRVRSRYNPLCGSAQH......WSDWSYPIHW VDGQKFYTFRVRSRYNPLCGSAQR......WSEWSHPI VDGQKRYTFRVRSRFNPLCGSAQH.....WSEWSHPIHW VDELKRYTFRVRSRYNPICGSSQQ.....WSKWSQPVHW ARVRVKPISDYDGI......WSEWSNEYTW LEPSTRYWARVRVRTSRTGYNGI......WSEWSEARSW ARVRVKPISNYDGI......WSKWSEEYTW LKSRATYSARVKARAONYNST.....WSEWSPSTTW LKSGISYRARVRAWAQCYNTT.......WSEWSPST LMSGVYYTARVRVRSQILTGT.....WSEWSPSI IL4RA PIG/199-229 LKSGAAYSARVKAWAORYNST.....WSEWSPSVKW .....WSEWSPSI IL4RA RAT/191-221 LTSGVRYRARVRVLSOSFPGI MYEIKVRSIPDHYFKGF.......WSEWSPSYYF IL7RA\_HUMAN/195-226 IL7RA\_MOUSE/195-227 LRPKAMYEIKVRSIPHNDYFKGF......WSEWSPSSTF LDPGFIHEARLRVQMATLEDDVVEEERYTGQ.WSEWSQP IL9R\_HUMAN/214-254 IL9R\_MOUSE/212-253 LNPGSIYEARLRVOMTLESYEDKTEGEYYKSHWSEWSOPVSF LEPR HUMAN/298-328 TI.PGSSYEVOVRGKRI.DGPGT......WSDWSTP LEPR MACMU/296-326 ILPGSSYEVQVRGKRLDGPGI.......WSDWSTP LEPR MOUSE/296-326 VLPGSSYEVQVRSKRLDGSGV......WSDWSSPQVF LEPR PIG/298-328 VLPGSSYEVQVRGKRLDGPGI......WSDWSTPFTF LEPR RAT/296-326 VLPGSSYEVQVRSKRLDGSGV......WSDWSLPQLF Ś. 20 Asp, Glu



Arg, Lys, His Phe, Tyr, Trp Ala, Gly Cys, Met Ser, Thr Asn, Gln Leu. Val. Ile

Pro

IL2RG\_CANFA/213-246 IL2RG\_HUMAN/213-246 IL2RG MOUSE/214-247

IL2RB HUMAN/198-229 IL2RB MACFA/198-229 IL2RB MOUSE/199-230 IL2RB PANTR/198-229 IL2RB RAT/199-230 IL2RG\_BOVIN/220-253