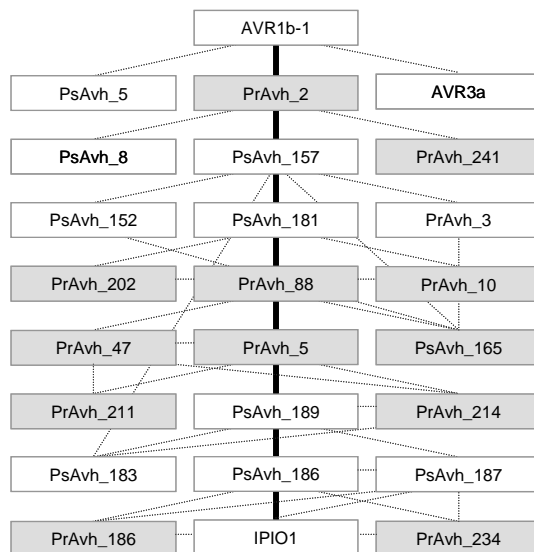


A



B

AVR1b	1	MRLSFVLSL-----VVAIGYVVTCAATEYSDEETNIAMVESPDVRRSLRNGDIACGRFLRAHEEDDA-GE-RTFSVTDLWNKVAACKLAKAMLADPSKEQKAYEKWAKKGYSLDKIKNWLA	114
PrAvh_2	1	MRLSFALLLAAVATLIASGDALSANAK--SDLTLTMTSSKKI--QSLAAGQSDGKRFLRSHKNIDFDGEERGVITN-----PIRRDMLSSSAYKKEVFDNWLHNKSSATIRDYLN	108
PrAvh_2	1	MRLSFALLLAAVATLIASGDALSANAKSDLTTLTMTSSKKIQSLAAGQSD--GKRFLRSHKNIDFDGEERGVITNPIR--RDMLSSSAYKKEVFDNWLHNKSSATIRDYLNLNKGR----	113
PsAvh_157	1	MRVQYAVLLIA--AVFLASVDAAS-----VATPRLDRSLAAQRDVTARFRFLR---IQEGGEEERGIATVVEKAKSLFTSSKISOKTTLERVWKNNKSPAKVLRQLQDDARLMLF	104
PsAvh_157	1	MRVQYAVLLIAAVFLASVDAAS-----VATPRLD--RSLAAQRDVTARFRFLR-----IQEGGEEERGIATVVEKAKSLFTSSKISOKTTLERVWKNNKSPAKV	90
PsAvh_181	1	MRLADLALLVATLFIASCNALSSSEQQORI--VPPGADIPRSLAAASEDITVKSSRLRYGDALAADENDEERGLSSLKAKIGALFNKLYK-----YKYVWVRGKSEAEI	100
PsAvh_181	9	LVATLFIASCNALSSSEQQORI-----VPPGADIPRSLAAASEDITVKSSRLRYGDALAADENDEERGLSSLKAKIGALFNKLYKYVWVRGKSEAE--IYNIWVKQCKTDKQIYNLLAQ	120
PrAvh_88	1	MLMVIFHASVDAASAATNSKHIRTTKVAIPGVSALPSSFTADQKDIPSKKFLRGNADN-----DSNDEERAPIGALLGGAAQMMSSKRAKAEASSMSFEALVKKGVTPDDLFAKYGY	112
PrAvh_88	3	MVIFHASVDAASAATNSKHIRTTKVAIPGVSALPSSFTADQKDIPSKKFLRGNADN-----DSNDEERAPIGALLGGAAQMMSSKRAKAEASSMSFEALVKKGVTPDD	105
PrAvh_5	12	LVIIYSTTNAASAVTDSIEDTKLSQLTSEDLEAL--THLLAVESVDVAKRFLRGDTETDLTTAGSDTDALDAEAEERG-I--VPSSVTNLINKVKNWSKFKTKALEKAFKHMKNGEDPTK	126
PrAvh_5	1	MRLLLVWLLATLVIIYSTTNAASAVTDSIEDTKLSQLTSEDIEALTHLLAVESVD--AKRFLRGDTETDLTTAGSDTDALDAEAEERGIVPSSVTNLINKVKNWSKFKTKALEKAFKHM	119
PsAvh_189	1	MRLLLVWLLTLV+IS+ +A+ VTDS+D +SOLT +I+ L+ LL E+D D K FLRGD DLTTAG T E EERG+ +LI+ +KNGW+K+K+ ALEKAF+HMM	110
PsAvh_189	1	MRLLLVWLLVTLVFISSASATATVTDKSDITVSQLTDSIEDLSRLTAETDDNTKPFRLRGAACKDLTTAGDKT-----EDEERGLF-----SLISSIKNGWAKWKSNALEKAFQHMM	96
PsAvh_186	1	MRLLLVWLLATVITILSSA-----DVASSKATPATINSDLVRELTAET--NTNGKRHLRGDEMRSSAMDFEDDDYDDEERGISDVVNRMKASLTGSVATRMKVTLGKMHSTANKK	109
PsAvh_186	3	LLLWVLLATVITILSSAVASSKATPATINSDLPVRELTAETNTNGKRHLRGDEMRSSAMDFEDDDYDDEER--GISDVVNRMKASLTGSVATRMKVTLGKMHSTANKKMKFMIERLFR	120
IPIO1	4	LLLTVLLNLVLLIATTAAGVSSNLNTAVNYASTSKIRFLSTFEYNADKRSRLRGDYN--EVTKEPNTSDEERAFSISKSAEYVKMVLVYG-----FKLGFSPRTQSKTVLRYE-DKLEF	112