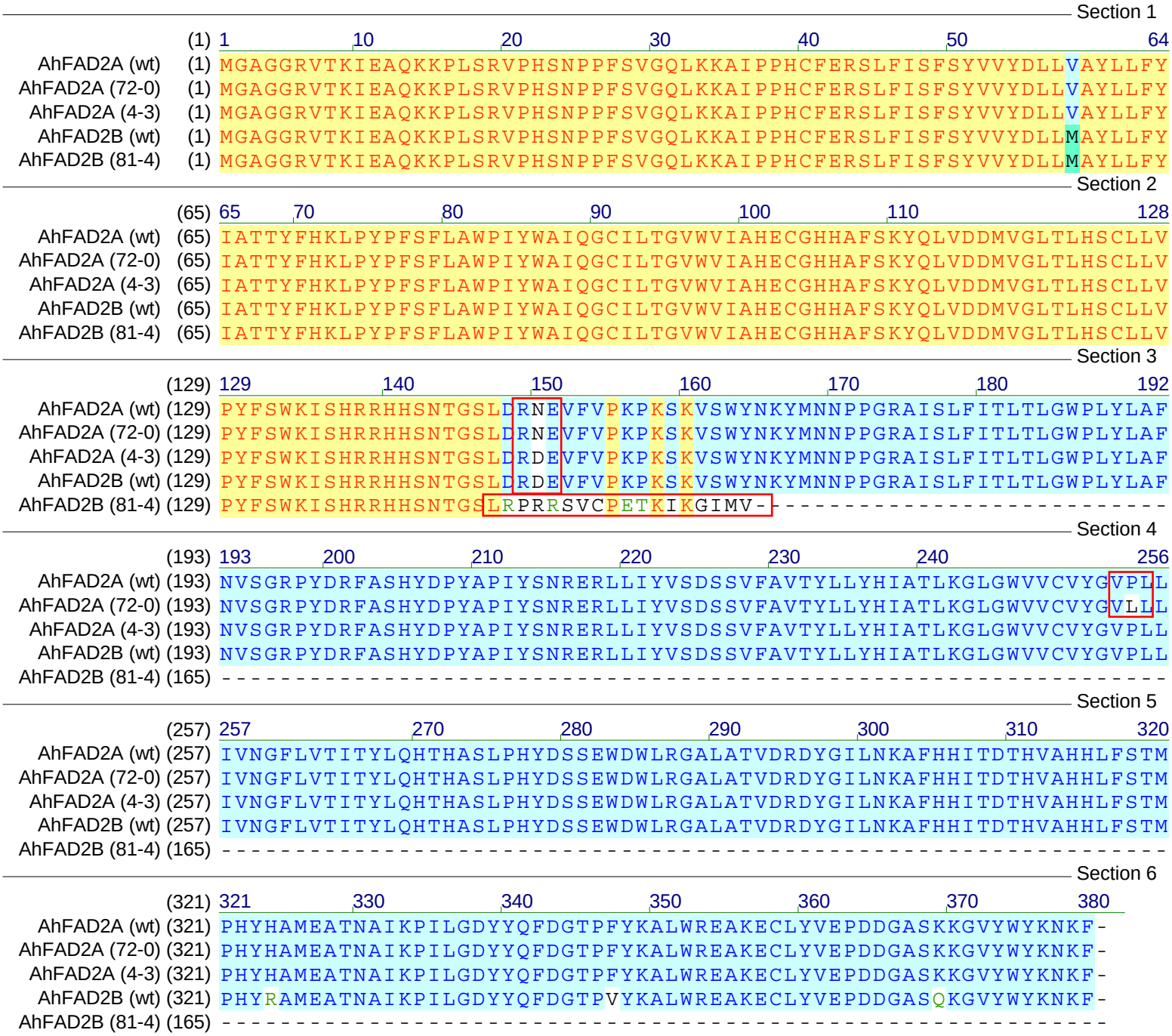
Section 1
(1) 1 10 20 30 40 50 64
AhFAD2A (wt) (1) MGAGGRVTKIEAQKKPLSRVPHSNPPFSVGQLKKAIPPHCFERSLFISFSYVVYDLLVAYLLFY
AhFAD2A (72-0) (1) MGAGGRVTKIEAQKKPLSRVPHSNPPFSVGQLKKAIPPHCFERSLFISFSYVVYDLLVAYLLFY
AhFAD2A (4-3) (1) MGAGGRVTKIEAQKKPLSRVPHSNPPFSVGQLKKAIPPHCFERSLFISFSYVVYDLLVAYLLFY
AhFAD2B (wt) (1) MGAGGRVTKIEAQKKPLSRVPHSNPPFSVGQLKKAIPPHCFERSLFISFSYVVYDLLMAYLLFY
AhFAD2B (81-4) (1) MGAGGRVTKIEAQKKPLSRVPHSNPPFSVGQLKKAIPPHCFERSLFISFSYVVYDLLMAYLLFY
Section 2
(65) 65 70 80 90 100 110 128
AhFAD2A (wt) (65) IATTYFHKLPYPFSFLAWPIYWAIQGCILTGVWVIAHECGHHAFSKYQLVDDMVGLTLHSCLLV
AhFAD2A (72-0) (65) IATTYFHKLPYPFSFLAWPIYWAIQGCILTGVWVIAHECGHHAFSKYQLVDDMVGLTLHSCLLV
AhFAD2A (4-3) (65) IATTYFHKLPYPFSFLAWPIYWAIQGCILTGVWVIAHECGHHAFSKYQLVDDMVGLTLHSCLLV
AhFAD2B (wt) (65) IATTYFHKLPYPFSFLAWPIYWAIQGCILTGVWVIAHECGHHAFSKYQLVDDMVGLTLHSCLLV
AhFAD2B (81-4) (65) IATTYFHKLPYPFSFLAWPIYWAIQGCILTGVWVIAHECGHHAFSKYQLVDDMVGLTLHSCLLV
Section 3
(129) 129 140 150 160 170 180 192
AhFAD2A (wt) (129) PYFSWKISHRRHHSNTGSLDRNEVFVPKPKSKVSWYNKYMNNPPGRAISLFITLTLGWPLYLAF
AhFAD2A (72-0) (129) PYFSWKISHRRHHSNTGSLDRNEVFVPKPKSKVSWYNKYMNNPPGRAISLFITLTLGWPLYLAF
AhFAD2A (4-3) (129) PYFSWKISHRRHHSNTGSLDRDEVFVPKPKSKVSWYNKYMNNPPGRAISLFITLTLGWPLYLAF
AhFAD2B (wt) (129) PYFSWKISHRRHHSNTGSLDRDEVFVPKPKSKVSWYNKYMNNPPGRAISLFITLTLGWPLYLAF
AhFAD2B (81-4) (129) PYFSWKISHRRHHSNTGSLRPRRSVCPETKIKGIMV----------
Section 4
(193) 193 200 210 220 230 240 256
AhFAD2A (wt) (193) NVSGRPYDRFASHYDPYAPIYSNRERLLIYVSDSSVFAVTYLLYHIATLKGLGWVVCVYGVPLL
AhFAD2A (72-0) (193) NVSGRPYDRFASHYDPYAPIYSNRERLLIYVSDSSVFAVTYLLYHIATLKGLGWVVCVYGVLLL
AhFAD2A (4-3) (193) NVSGRPYDRFASHYDPYAPIYSNRERLLIYVSDSSVFAVTYLLYHIATLKGLGWVVCVYGVPLL
AhFAD2B (wt) (193) NVSGRPYDRFASHYDPYAPIYSNRERLLIYVSDSSVFAVTYLLYHIATLKGLGWVVCVYGVPLL
AhFAD2B (81-4) (165) ----------
Section 5
(257) 257 270 280 290 300 310 320
AhFAD2A (wt) (257) IVNGFLVTITYLQHTHASLPHYDSSEWDWLRGALATVDRDYGILNKAFHHITDTHVAHHLFSTM
AhFAD2A (72-0) (257) IVNGFLVTITYLQHTHASLPHYDSSEWDWLRGALATVDRDYGILNKAFHHITDTHVAHHLFSTM
AhFAD2A (4-3) (257) IVNGFLVTITYLQHTHASLPHYDSSEWDWLRGALATVDRDYGILNKAFHHITDTHVAHHLFSTM
AhFAD2B (wt) (257) IVNGFLVTITYLQHTHASLPHYDSSEWDWLRGALATVDRDYGILNKAFHHITDTHVAHHLFSTM
AhFAD2B (81-4) (165) ----------
Section 6
(321) 321 330 340 350 360 370 380
AhFAD2A (wt) (321) PHYHAMEATNAIKPILGDYYQFDGTPFYKALWREAKECLYVEPDDGASKKGVYWYKNKF-
AhFAD2A (72-0) (321) PHYHAMEATNAIKPILGDYYQFDGTPFYKALWREAKECLYVEPDDGASKKGVYWYKNKF-
AhFAD2A (4-3) (321) PHYHAMEATNAIKPILGDYYQFDGTPFYKALWREAKECLYVEPDDGASKKGVYWYKNKF-
AhFAD2B (wt) (321) PHYRAMEATNAIKPILGDYYQFDGTPVYKALWREAKECLYVEPDDGASQKGVYWYKNKF-
AhFAD2B (81-4) (165) ----------