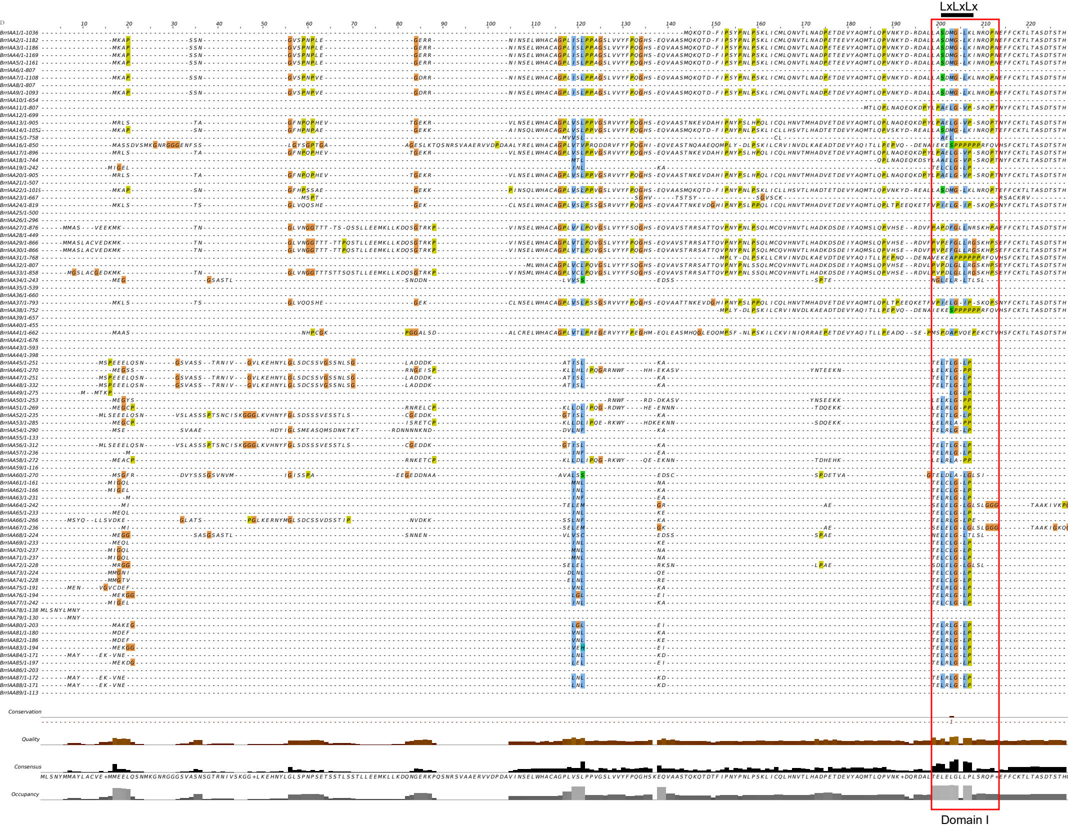
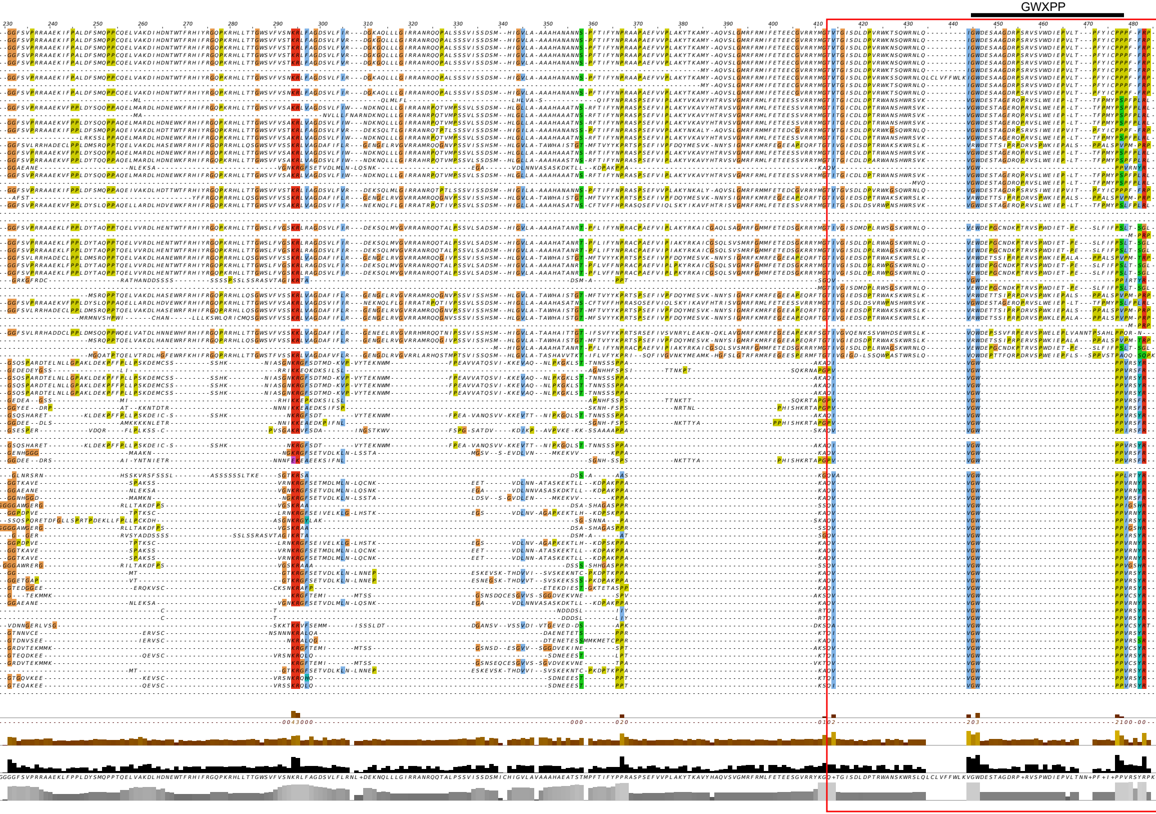

LxLxLx
Conservation
Quality
Consensus
Occupancy
Domain I


GWXPP
230
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270
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390
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410
420
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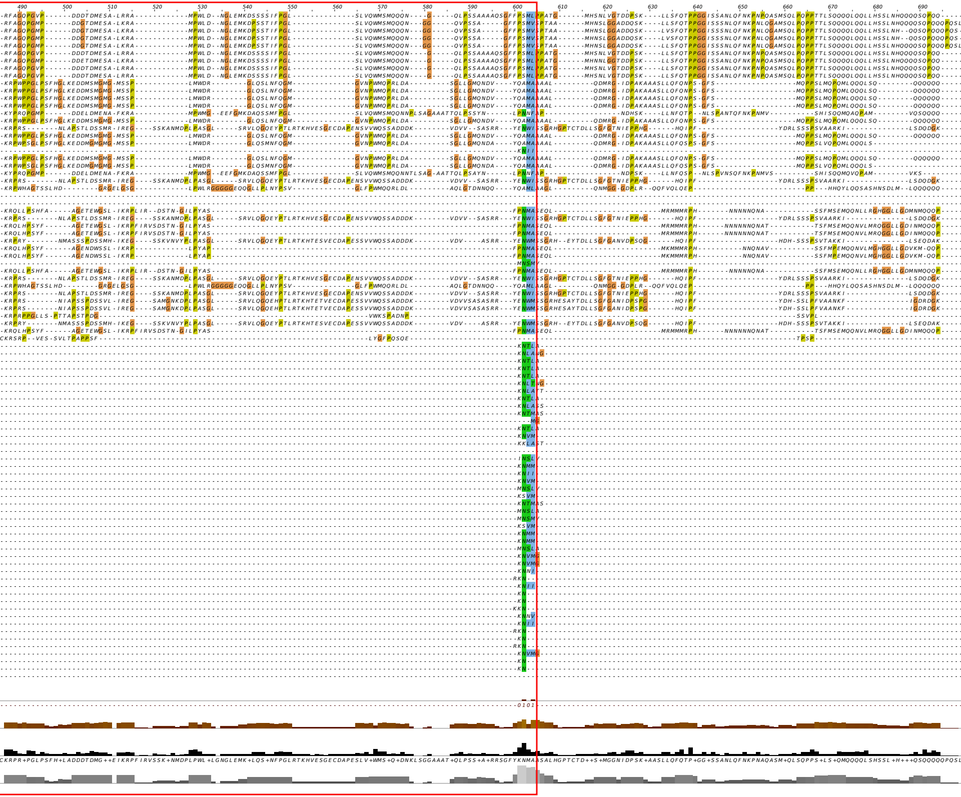
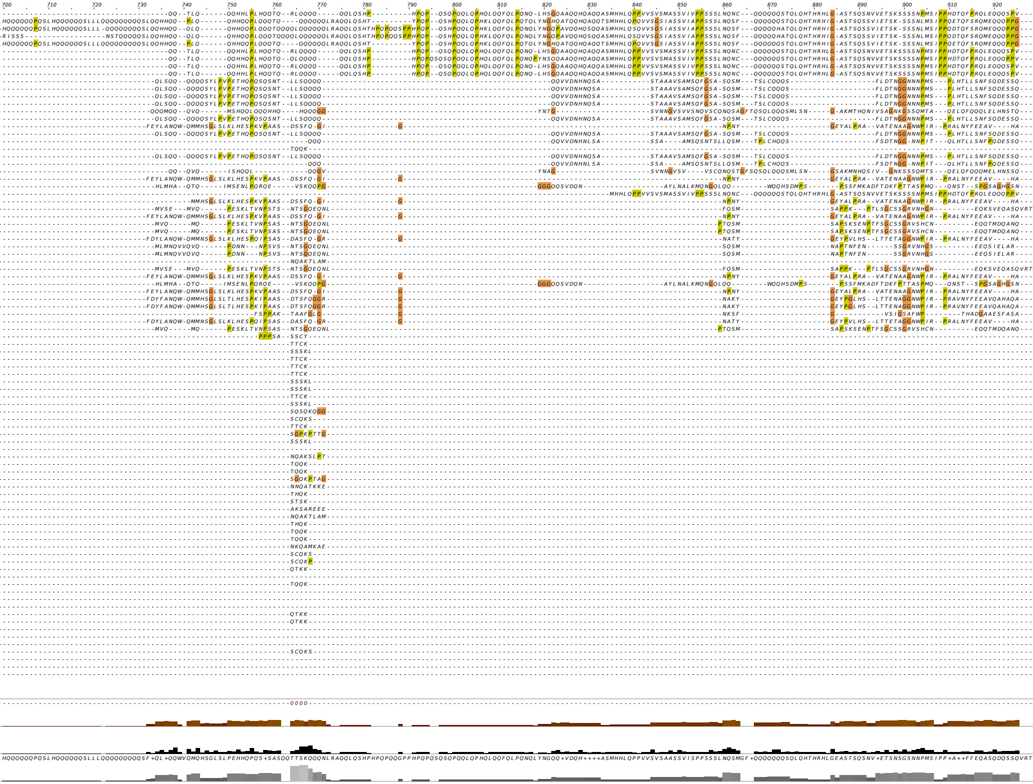
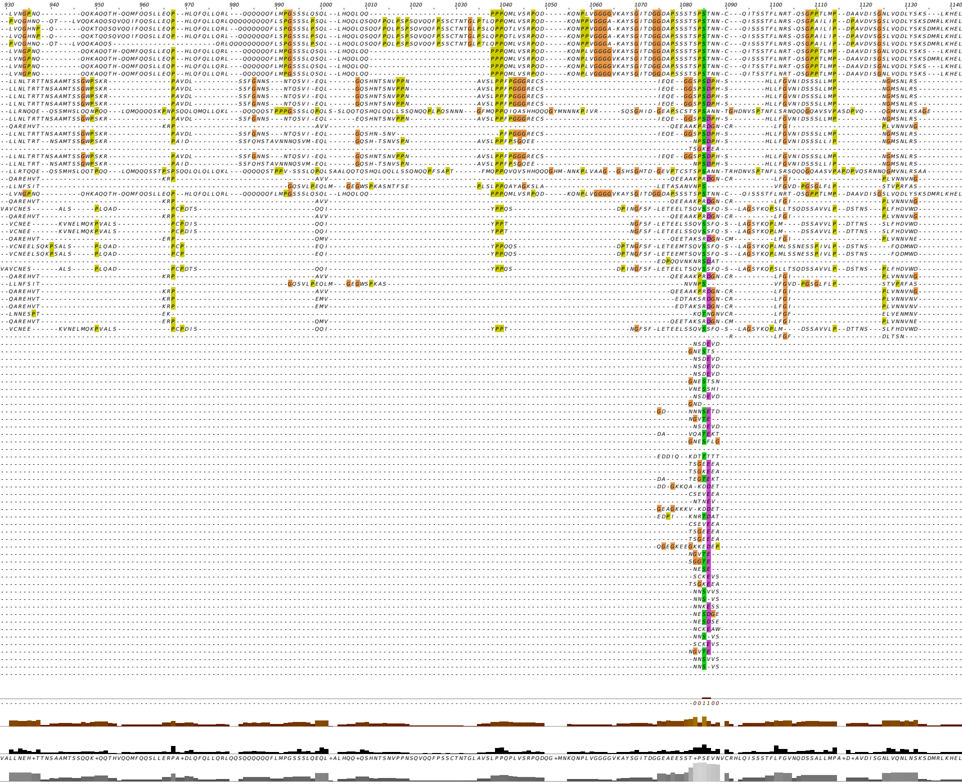
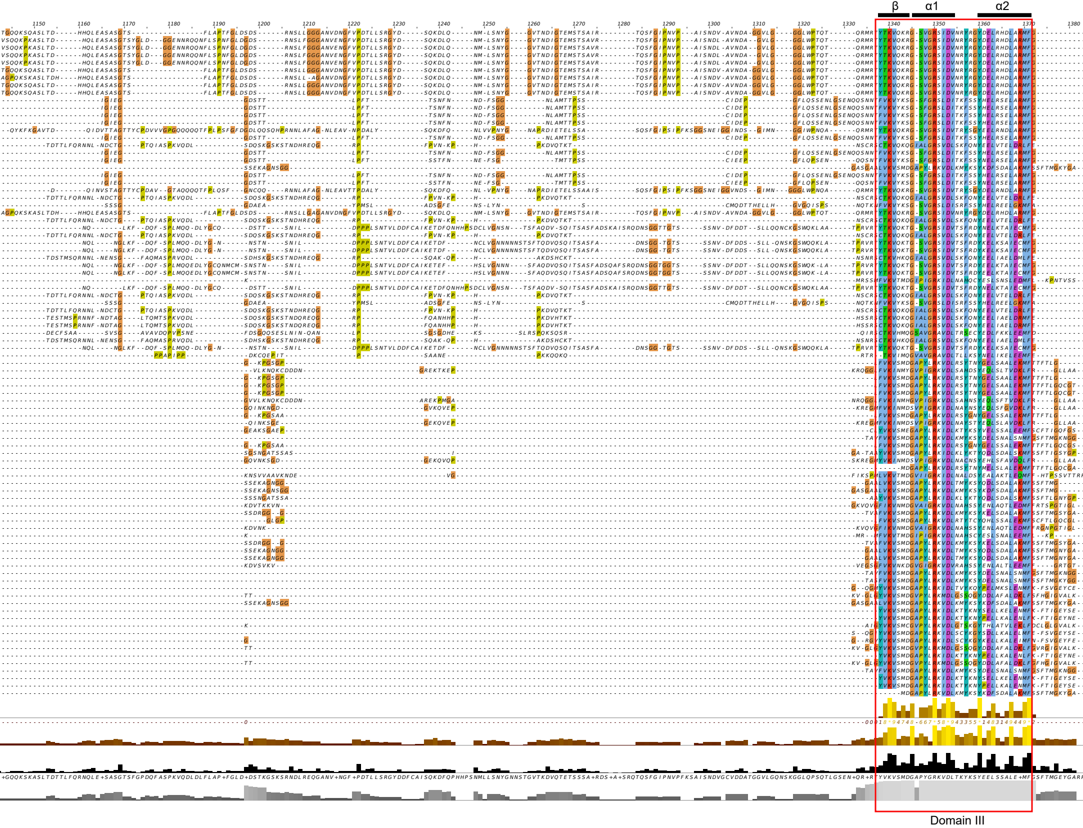
460
470
480

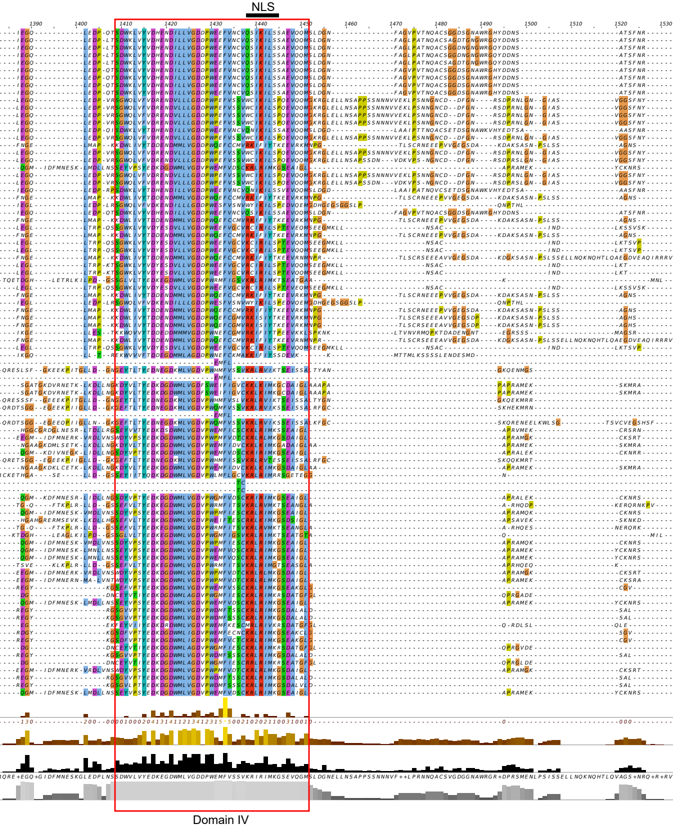

490
500
510
520
530
540
550
560
570
580
590
600
610
620
630
640
650
660
670
680
690
Domain II



Additional file 2 The multiple amino acid alignment of 89 *BrrAux/IAAs* from turnip


930
940
950
960
970
980
990
1000
1010
1020
1030
1040
1050
1060
1070
1080
1090
1100
1110
1120
1130
1140
001100
VALLNEH+TTNSAAMTSSQQK+QQTHVQQMFQQSLLERPA+DLQFQLLQRLQQSQQQQQFLMPGSSSLQEQL+ALHQQ+QSHNTSNVPPNSQVQQFPSSCTNTGLAVSLPPQPLVSRPQDQG+MNKQNPLVGGGGVKAYSGITDGGEAEESST+PSEVNVCRHLQISSSTFLFGVNQDSSALLMPA+D+AVDISGNLVQNLNSKSDMRLKHEL


β
α1
α2
1150
1160
1170
1180
1190
1200
1210
1220
1230
1240
1250
1260
1270
1280
1290
1300
1310
1320
1330
1340
1350
1360
1370
1380
Domain III


NLS
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1400
1410
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1430
1440
1450
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1470
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1490
1500
1510
1520
1530
Domain IV