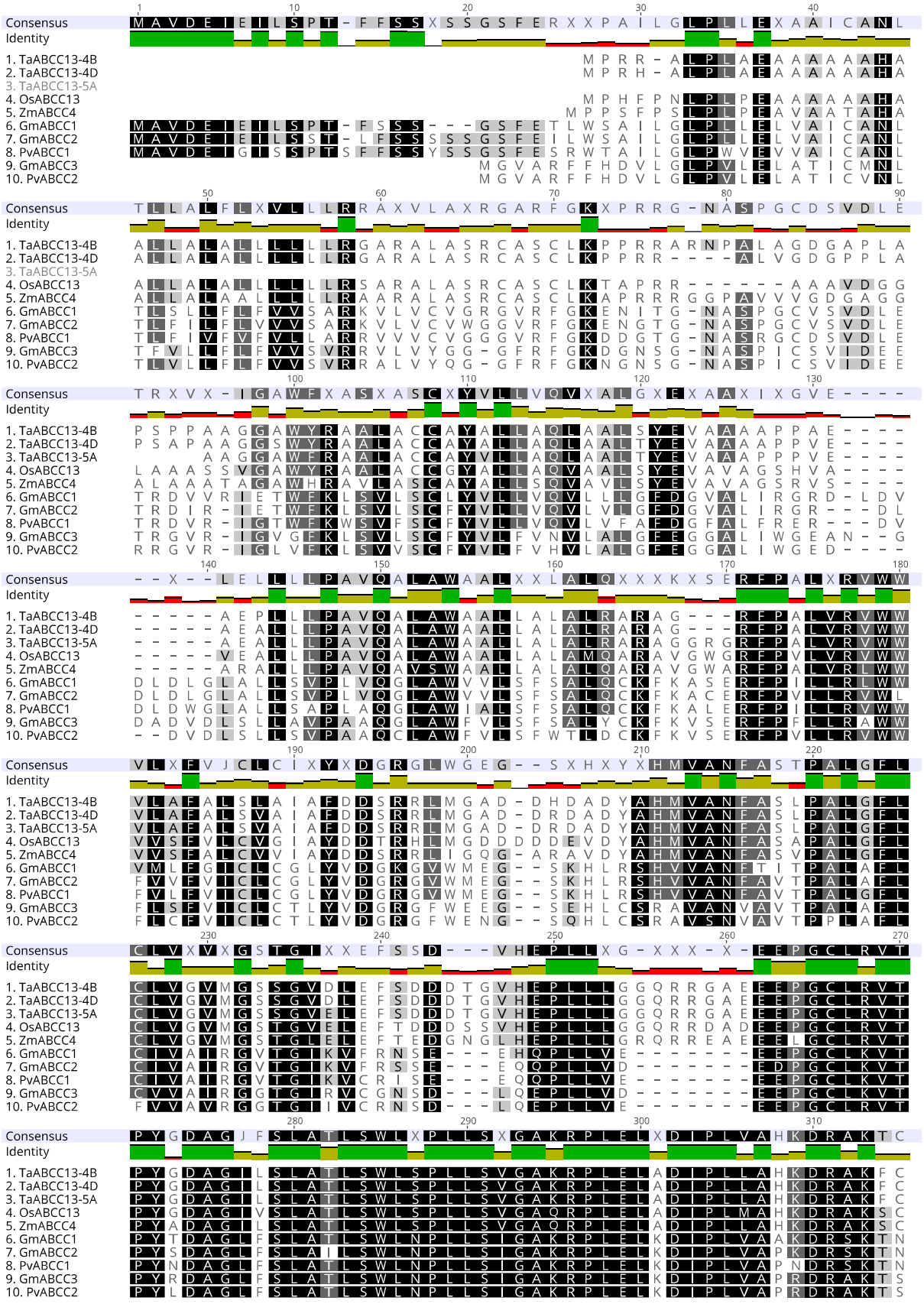
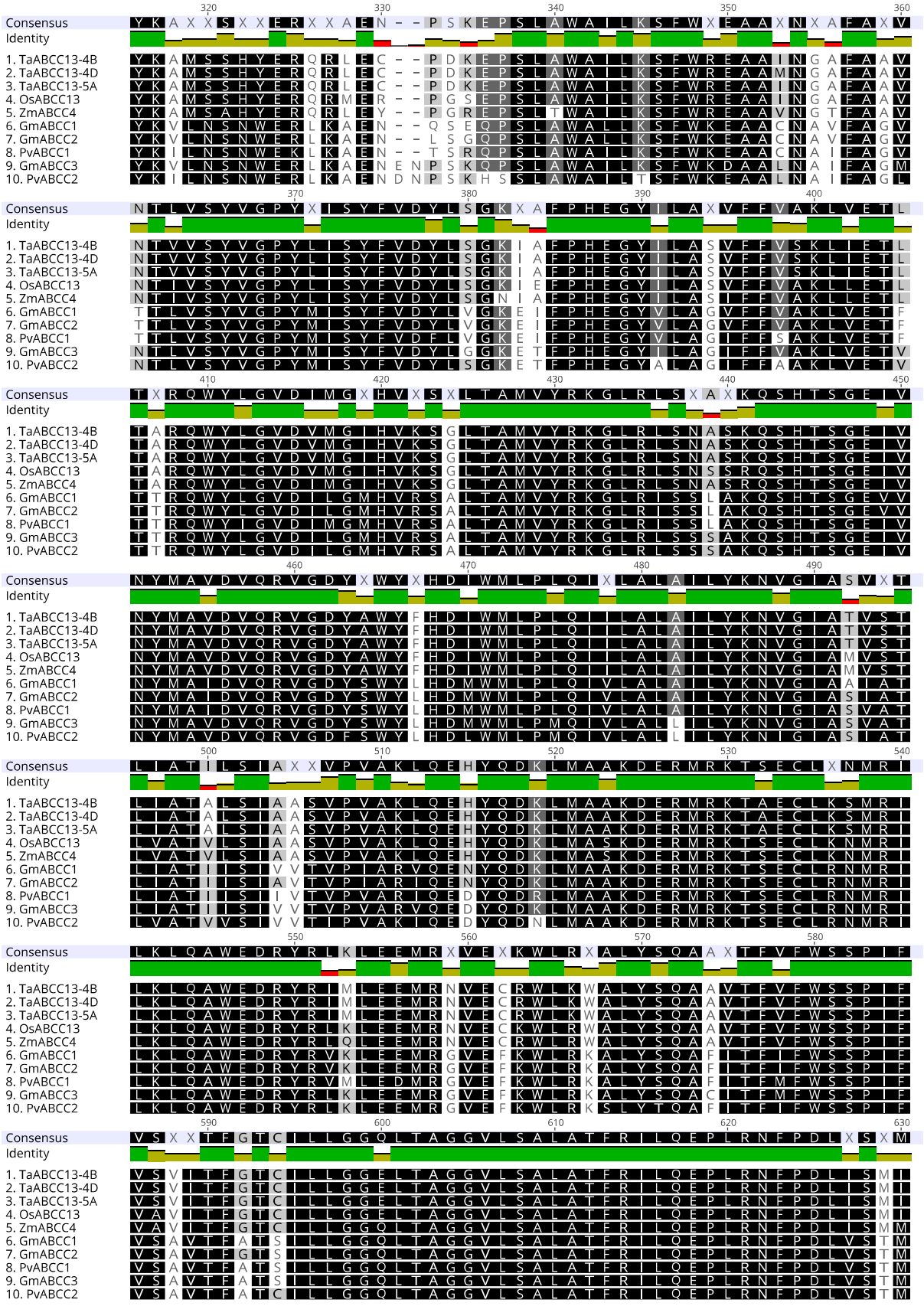
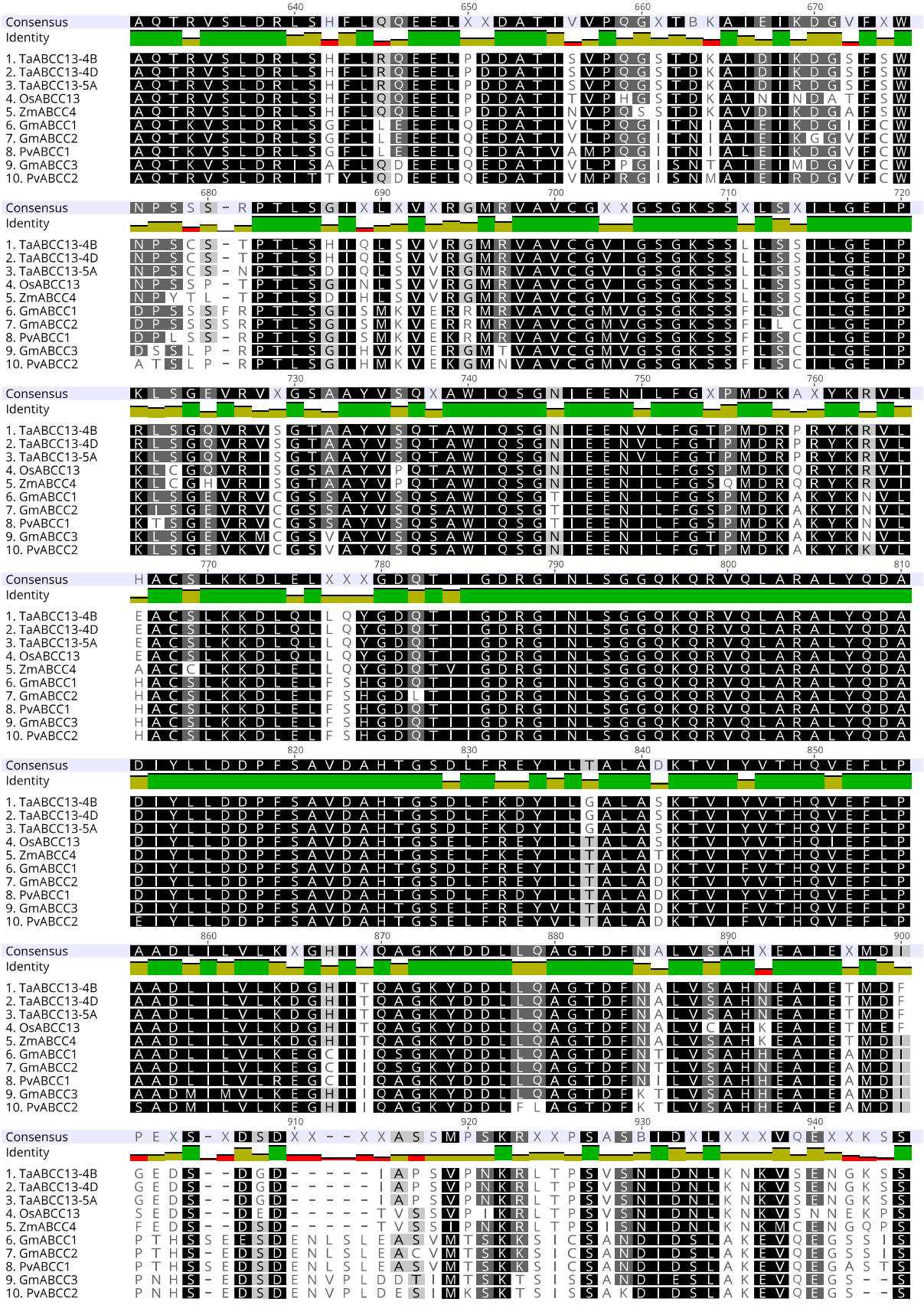
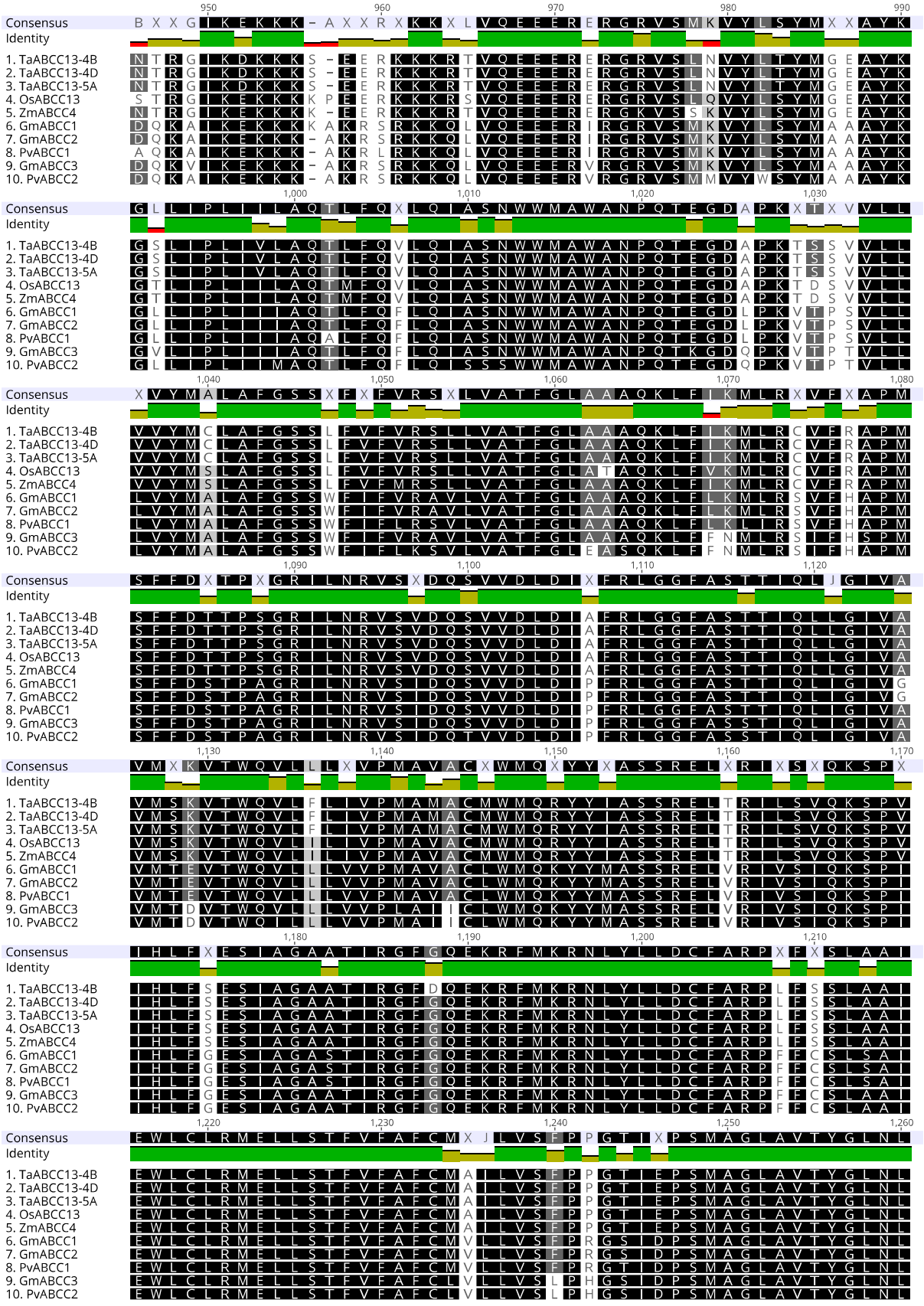

Consensus
Identity
1. TaABCC13-4B
2. TaABCC13-4D
3. TaABCC13-5A
4. OsABCC13
5. ZmABCC4
6. GmABCC1
7. GmABCC2
8. PvABCC1
9. GmABCC3
10. PvABCC2


320 330 340 350 360
Consensus
Identity
1. TaABCC13-4B
2. TaABCC13-4D
3. TaABCC13-5A
4. OsABCC13
5. ZmABCC4
6. GmABCC1
7. GmABCC2
8. PvABCC1
9. GmABCC3
10. PvABCC2
370 380 390 400
410 420 430 440 450
460 470 480 490
500 510 520 530 540
550 560 570 580
590 600 610 620 630


640 650 660 670
Consensus
Identity
1. TaABCC13-4B
2. TaABCC13-4D
3. TaABCC13-5A
4. OsABCC13
5. ZmABCC4
6. GmABCC1
7. GmABCC2
8. PvABCC1
9. GmABCC3
10. PvABCC2
680 690 700 710 720
730 740 750 760
770 780 790 800 810
820 830 840 850
860 870 880 890 900
910 920 930 940


950
960
970
980
990
Consensus
Identity
1. TaABCC13-4B
2. TaABCC13-4D
3. TaABCC13-5A
4. OsABCC13
5. ZmABCC4
6. GmABCC1
7. GmABCC2
8. PvABCC1
9. GmABCC3
10. PvABCC2
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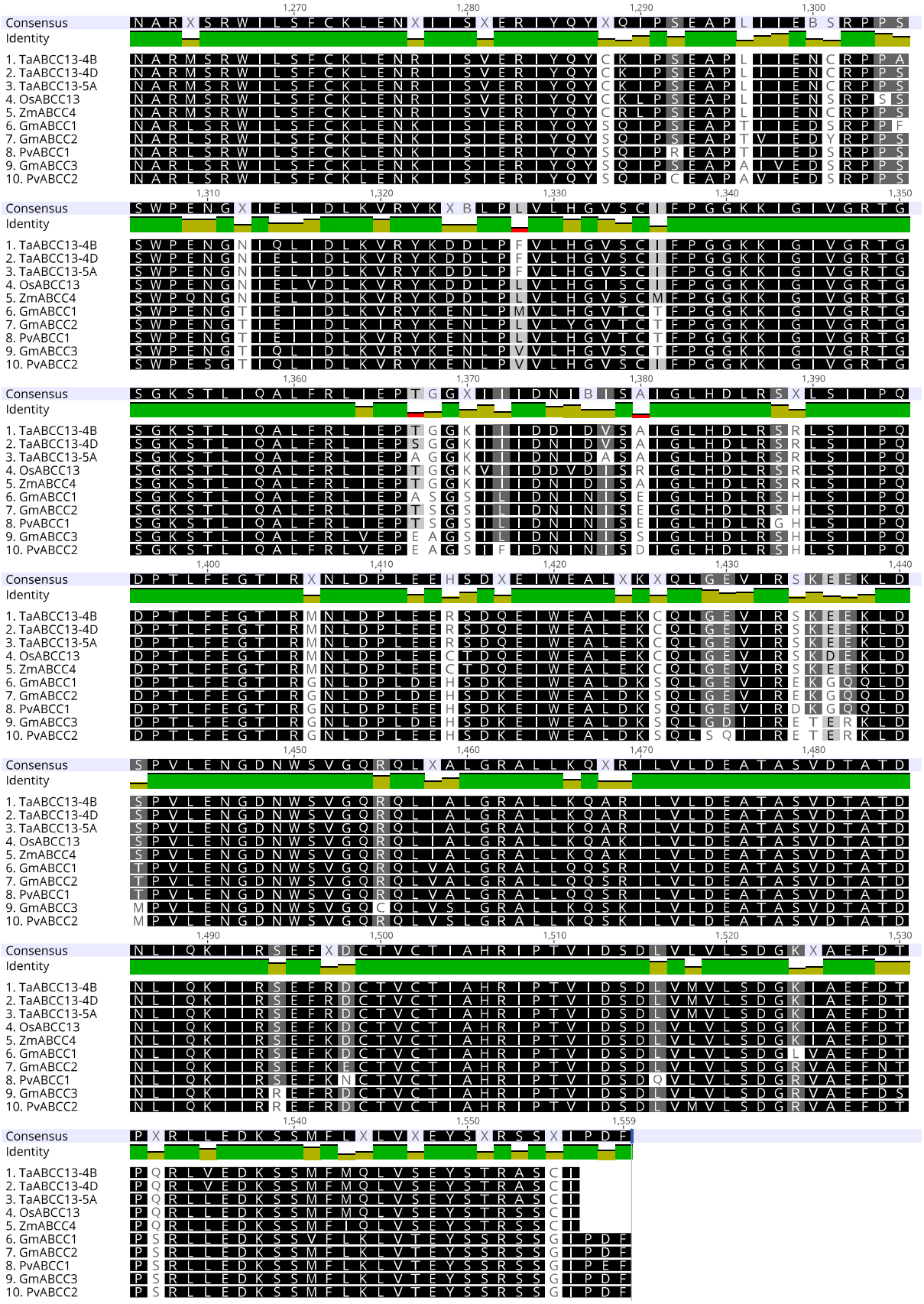


Figure S1. PA-MRP proteins alignment. See Table 1 for the correspondence with genes accession numbers.
The Clustal W alignment (cost matrix Blosum, gap open cost 10, gap extend cost 0.1) of Geneious 11.0.2 software was used.