Fig. S1

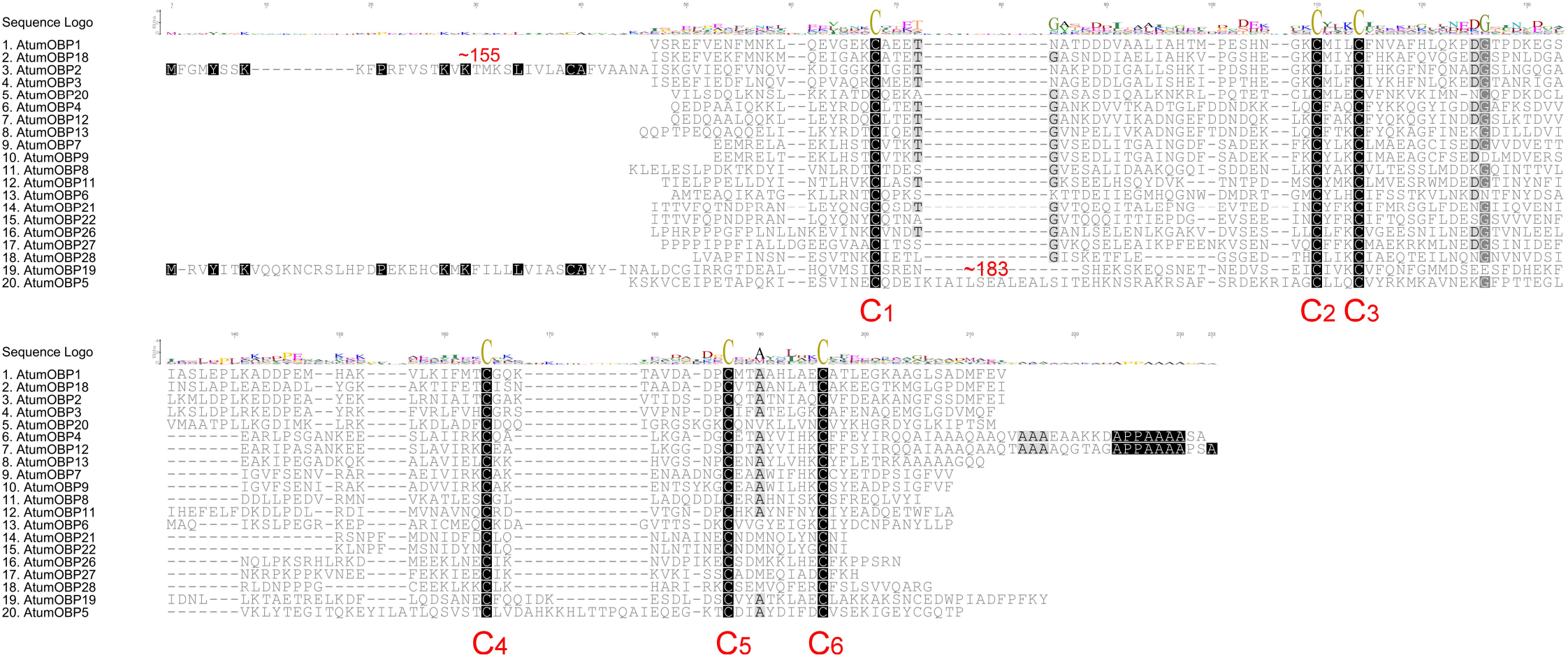

Sequence Logo
1. AtumOBP1
2. AtumOBP18
3. AtumOBP2
4. AtumOBP3
5. AtumOBP20
6. AtumOBP4
7. AtumOBP12
8. AtumOBP13
9. AtumOBP7
10. AtumOBP9
11. AtumOBP8
12. AtumOBP11
13. AtumOBP6
14. AtumOBP21
15. AtumOBP22
16. AtumOBP26
17. AtumOBP27
18. AtumOBP28
19. AtumOBP19
20. AtumOBP5
~155
~183
C1
C2 C3
C4
C5
C6

Fig. S2

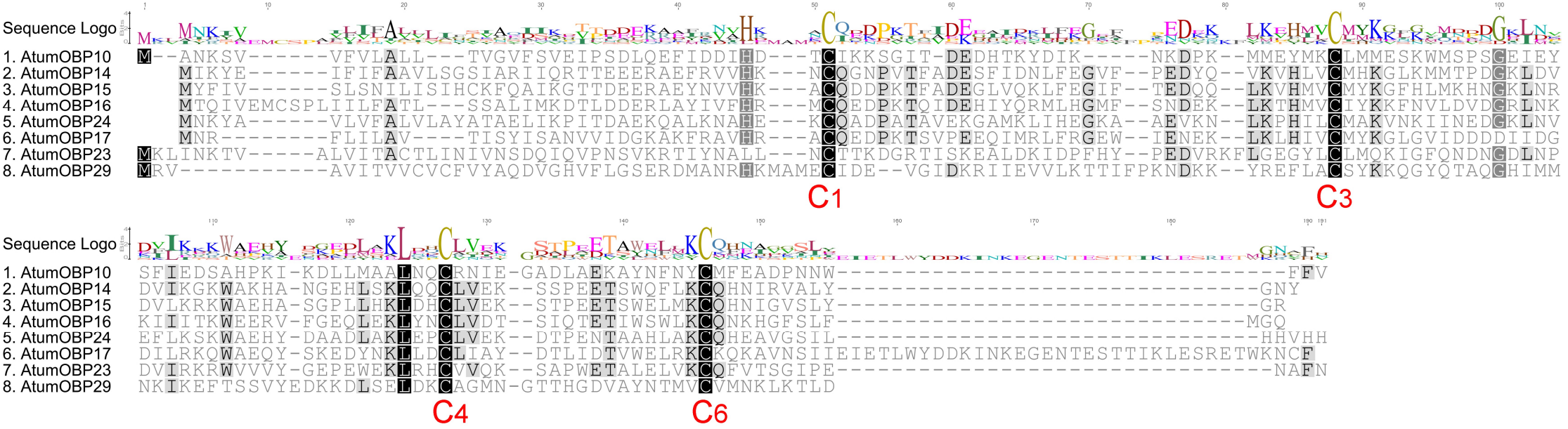

Sequence Logo
1. AtumOBP10
2. AtumOBP14
3. AtumOBP15
4. AtumOBP16
5. AtumOBP24
6. AtumOBP17
7. AtumOBP23
8. AtumOBP29
C1
C3
C4
C6

Fig. S3

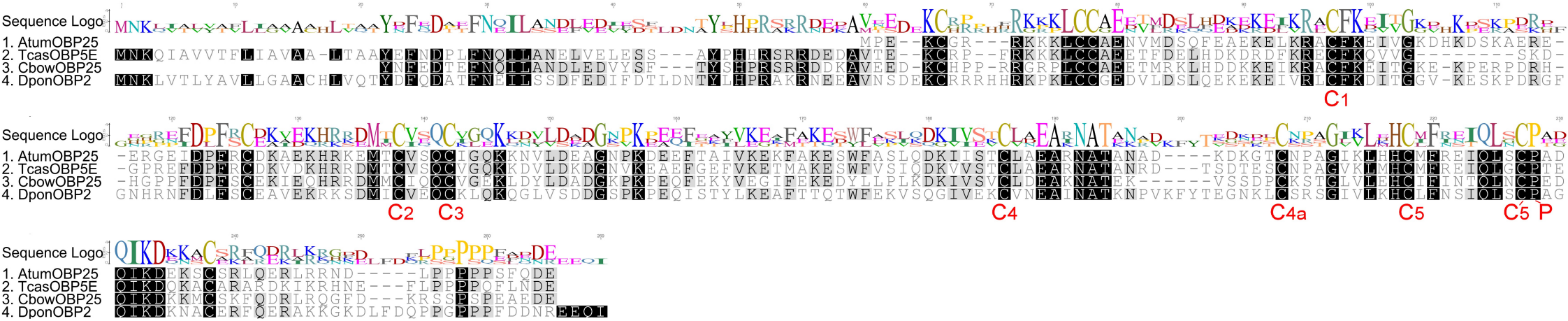
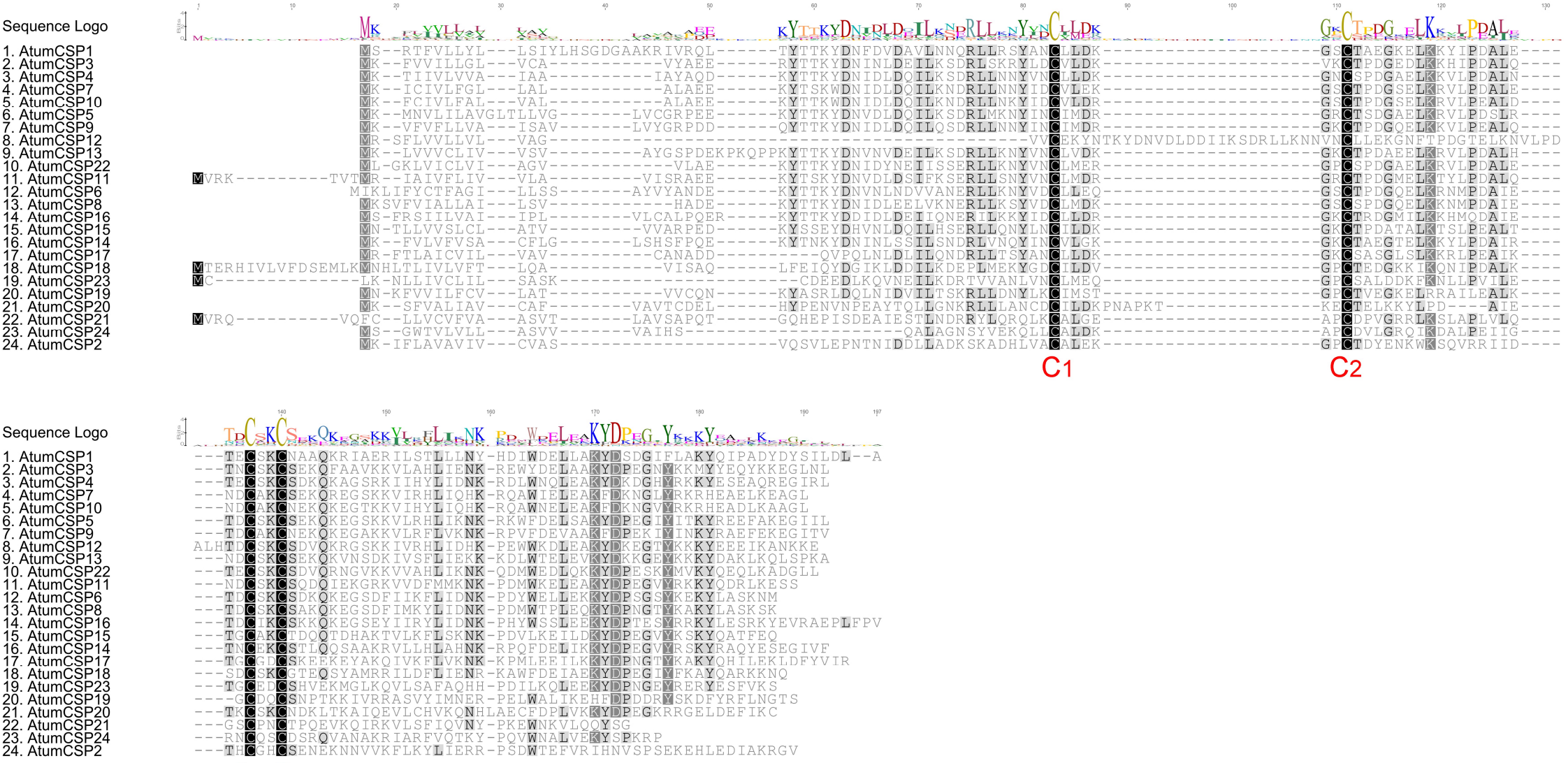

Sequence Logo
1. AtumOBP25
2. TcasOBP5E
3. CbowOBP25
4. DponOBP2
C1
C2
C3
C4
C4a
C5
C5´
P

Fig. S4


Sequence Logo
1. AtumCSP1
2. AtumCSP3
3. AtumCSP4
4. AtumCSP7
5. AtumCSP10
6. AtumCSP5
7. AtumCSP9
8. AtumCSP12
9. AtumCSP13
10. AtumCSP22
11. AtumCSP11
12. AtumCSP6
13. AtumCSP8
14. AtumCSP16
15. AtumCSP15
16. AtumCSP14
17. AtumCSP17
18. AtumCSP18
19. AtumCSP23
20. AtumCSP19
21. AtumCSP20
22. AtumCSP21
23. AtumCSP24
24. AtumCSP2
C1
C2
Sequence Logo
1. AtumCSP1
2. AtumCSP3
3. AtumCSP4
4. AtumCSP7
5. AtumCSP10
6. AtumCSP5
7. AtumCSP9
8. AtumCSP12
9. AtumCSP13
10. AtumCSP22
11. AtumCSP11
12. AtumCSP6
13. AtumCSP8
14. AtumCSP16
15. AtumCSP15
16. AtumCSP14
17. AtumCSP17
18. AtumCSP18
19. AtumCSP23
20. AtumCSP19
21. AtumCSP20
22. AtumCSP21
23. AtumCSP24
24. AtumCSP2
C3 C4