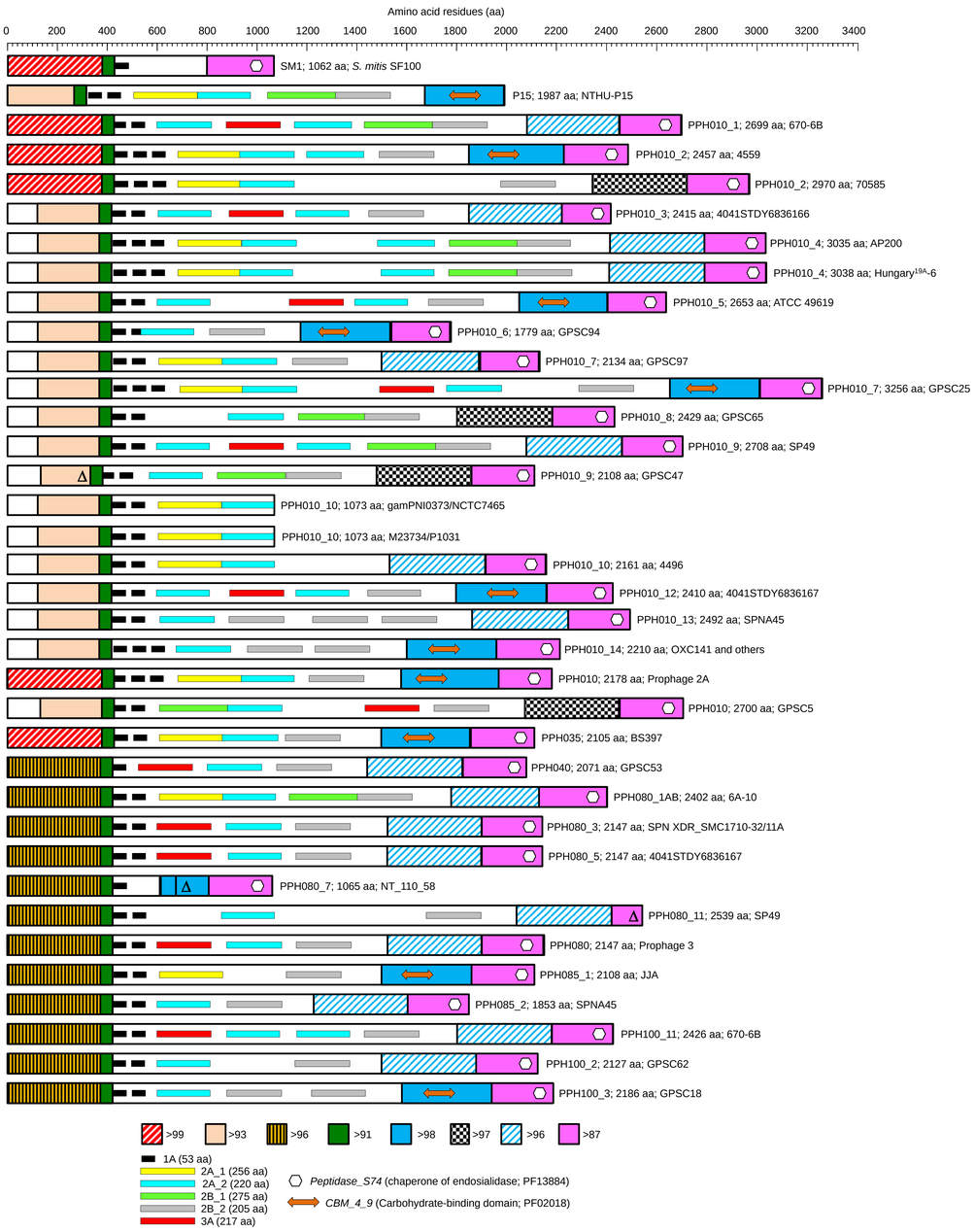
Amino acid residues (aa)
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400
SM1; 1062 aa; S. mitis SF100
P15; 1987 aa; NTHU-P15
PPH010_1; 2699 aa; 670-6B
PPH010_2; 2457 aa; 4559
PPH010_2; 2970 aa; 70585
PPH010_3; 2415 aa; 4041STDY6836166
PPH010_4; 3035 aa; AP200
PPH010_4; 3038 aa; Hungary19A-6
PPH010_5; 2653 aa; ATCC 49619
PPH010_6; 1779 aa; GPSC94
PPH010_7; 2134 aa; GPSC97
PPH010_7; 3256 aa; GPSC25
PPH010_8; 2429 aa; GPSC65
PPH010_9; 2708 aa; SP49
PPH010_9; 2108 aa; GPSC47
PPH010_10; 1073 aa; gamPNI0373/NCTC7465
PPH010_10; 1073 aa; M23734/P1031
PPH010_10; 2161 aa; 4496
PPH010_12; 2410 aa; 4041STDY6836167
PPH010_13; 2492 aa; SPNA45
PPH010_14; 2210 aa; OXC141 and others
PPH010; 2178 aa; Prophage 2A
PPH010; 2700 aa; GPSC5
PPH035; 2105 aa; BS397
PPH040; 2071 aa; GPSC53
PPH080_1AB; 2402 aa; 6A-10
PPH080_3; 2147 aa; SPN XDR_SMC1710-32/11A
PPH080_5; 2147 aa; 4041STDY6836167
PPH080_7; 1065 aa; NT_110_58
PPH080_11; 2539 aa; SP49
PPH080; 2147 aa; Prophage 3
PPH085_1; 2108 aa; JJA
PPH085_2; 1853 aa; SPNA45
PPH100_11; 2426 aa; 670-6B
PPH100_2; 2127 aa; GPSC62
PPH100_3; 2186 aa; GPSC18
>99
>93
>96
>91
>98
>97
>96
>87
1A (53 aa)
2A_1 (256 aa)
2A_2 (220 aa)
2B_1 (275 aa)
2B_2 (205 aa)
3A (217 aa)
Peptidase_S74 (chaperone of endosialidase; PF13884)
CBM_4_9 (Carbohydrate-binding domain; PF02018)

FIGURE S3