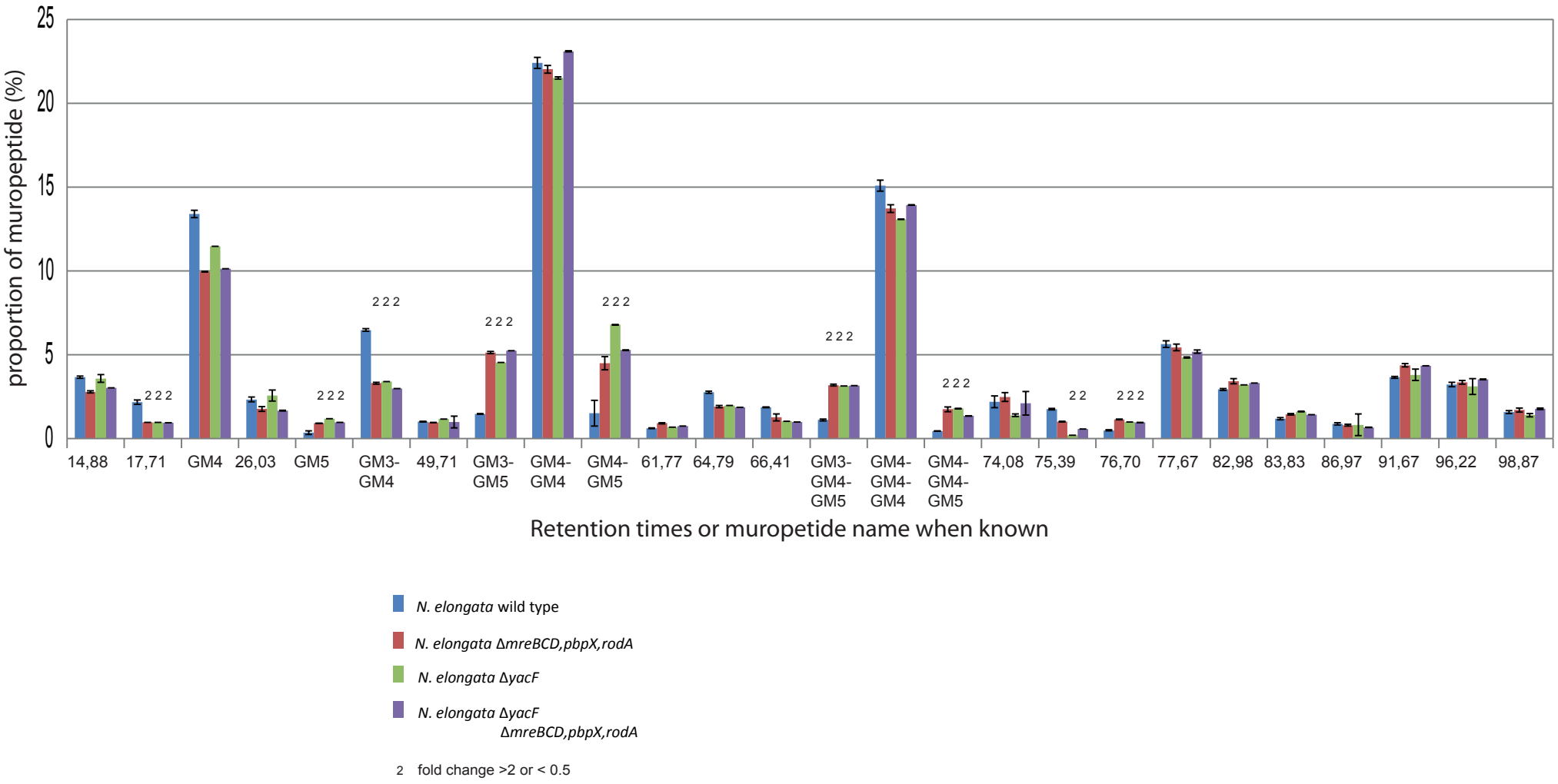
proportion of muropeptide (%)
25
20
15
10
5
0
2 2 2
2 2 2
2 2 2
2 2 2
2 2 2
2 2
2 2 2
14,88
17,71
GM4
26,03
GM5
GM3-GM4
49,71
GM3-GM5
GM4-GM4
GM4-GM5
61,77
64,79
66,41
GM3-GM4-GM5
GM4-GM4-GM4
GM4-GM4-GM5
74,08
75,39
76,70
77,67
82,98
83,83
86,97
91,67
96,22
98,87
Retention times or muropetide name when known
N. elongata wild type
N. elongata ΔmreBCD,pbpX,rodA
N. elongata ΔyacF
N. elongata ΔyacF ΔmreBCD,pbpX,rodA
2 fold change >2 or < 0.5