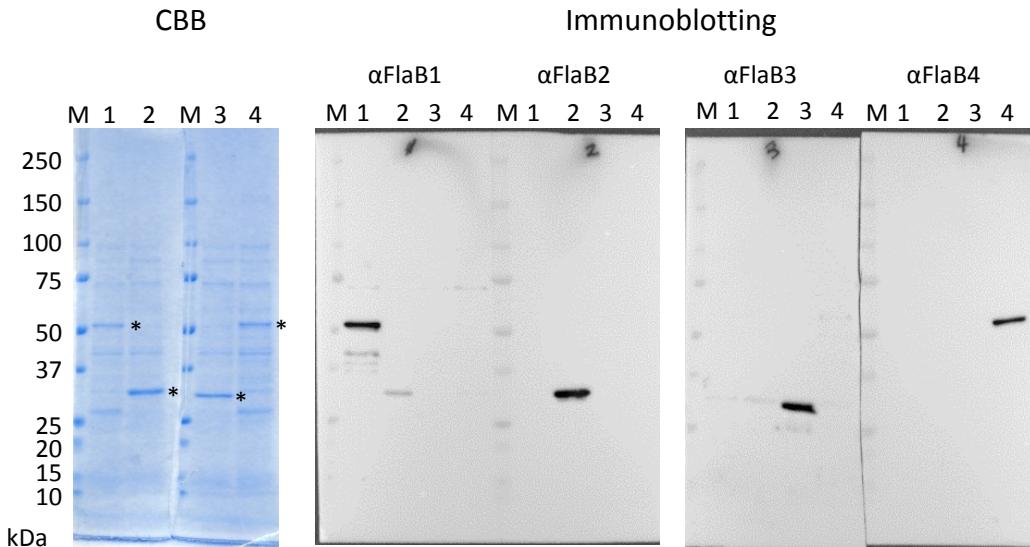


A

FlaB1	1 :--MI INHNVSAIFAHRT LKSNDANLSKDIKE LSSGMRINKAGDDASGLAVSEKMRQIAG	58
FlaB2	1 :--MI INHNLAAINSHRVLKFQNEEVSKNMEKLSSGMRINRAGDDASGLAVSEKMRQVNG	58
FlaB3	1 :--MI INHNMSAIQSHPRALKFTQWDVDKTMRLNSTQRINLAGDDASGLAVSEKLRQTIRG	58
FlaB4	1 :VTMI INHNISALVAK RALSNTSRDMDKSM EHLATGMRINRPGGDSLGFVSVEKLRSQIRA	60
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FlaB1	59 :LRRAEQNTEDGMSLIQTAEGYLQETHEIVQRVRVLAVQAANGIYISEEDRQQIQVEVSQLV	118
FlaB2	59 :LRQAERNTEGDMSLIQTTEGFLQESNDIIQIRTLAIQSSNGIYFEEDRQMIVQEVSQLI	118
FlaB3	59 :LROAERNTEGDMSLIQTAEGYLQDSAEIIQIRTLAIQTSNGIYTPEDRQLVQVEVSALV	118
FlaB4	61 :LGQAERNTQDGMSFLQVTEGSLDQVNSILQRLRELSVQSANGLYSDEDRKLVQLEVSQLV	120
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FlaB1	119 :DEIDRIASQAEFNKMKLLTGAFARLNPTASMWFHIGANMHQRERVYIETMNTAALGLRNP	178
FlaB2	119 :DEVDRIASQAEFNKMNLQGDFARGSRATSMWFHIGPNMHQRERVFIA TARSNLKGQ	178
FlaB3	119 :DEIDRIASQAEFNKMKLFEFGDFARKSTKASMWFFHMGANARQERFVYIGMTSKALKMSEG	178
FlaB4	121 :EVERIGTSAEFNKVKPLDGRFSRAN -KNPMTLQVGANGTEKIEVYINTMTSSSLKLKQA	179
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FlaB1	179 :TVLTFISLSTAGKANSVIGLCDDALRVISKQRADLGAYYNRMEEAKGLMNAYENTQASE	238
FlaB2	179 : SG-ELL SLSTADKSNDAI GTLDAALTRISKQRANLGAYFNRLEHAAKGLMNAYENTQASE	237
FlaB3	179 :AI--KIALSTPGKADEA IAKADFALNKIMKQ RADMGAYQNRLESTAKGLMGAYENMQASE	236
FlaB4	180 :GN--KLTLSLTPNKASDSLQVLDDAIISKVNRLRSGLGAYYNRLDLTKLSLNYYVNMVSSE	237
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FlaB1	239 :SRIRD TDMAEQMTSFTTRYQILTQAATSMLAQANMKSQSVMRLLQ---	282
FlaB2	238 :SRIRDADMAETVAFTKNQILVQSGTAMLAQANVRPQGVLSLRLR---	281
FlaB3	237 :SRIRDADMAEMVALTTKQILVQSGTAMLAQASLRPNSVLRLNNNT-	282
FlaB4	238 :SQIRDADMA TEMVEYSKNQILTKSGVAMLAQANLRPESVVKLLTDRY	284
	* . *** . * * . *** . * * . *** . * . ***	

B



S1 Fig. Locations of peptide fragments (indicated in red) used for the preparation of antiserum for each FlaB protein (A) and the specificity of each anti-FlaB antiserum (B).