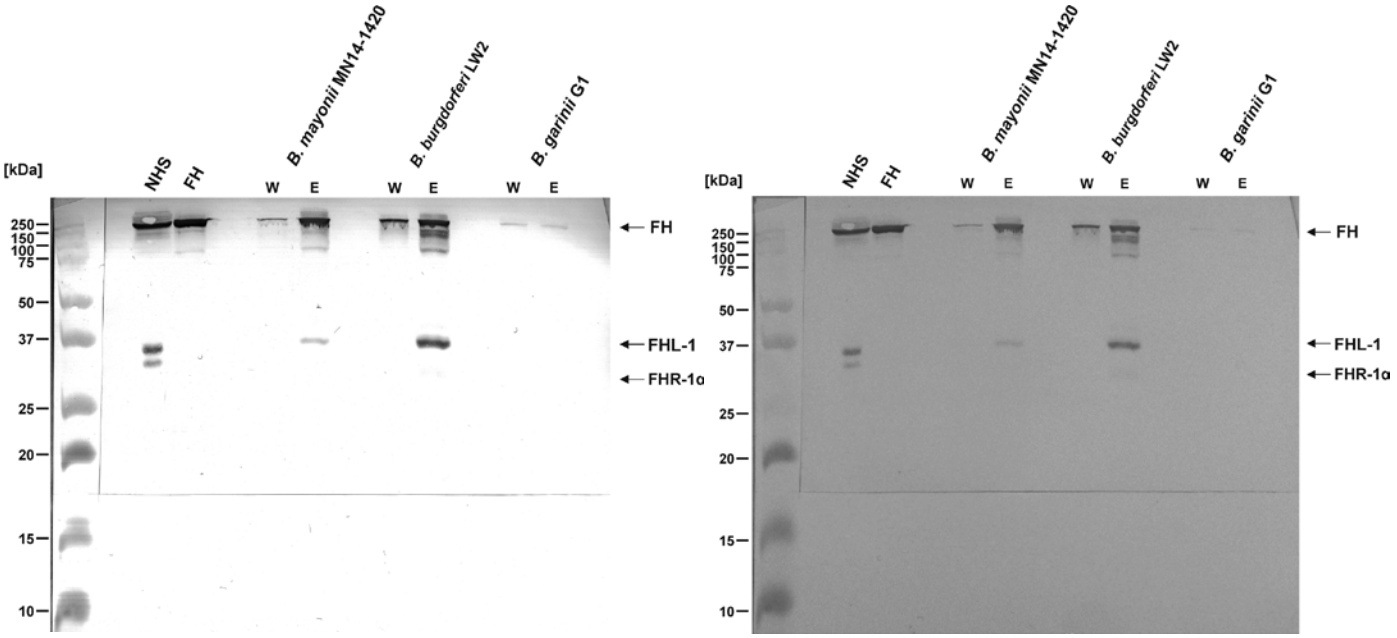
Supplementary Figure 4



Uncropped Western blot of figure 2B. The nitrocellulose membrane was re-scanned by a GS-710 Imaging Densitometer (Bio-Rad) and for image processing the Quantity One 4.2.1 software (Bio-Rad) was used (left panel). The general settings were as follows:

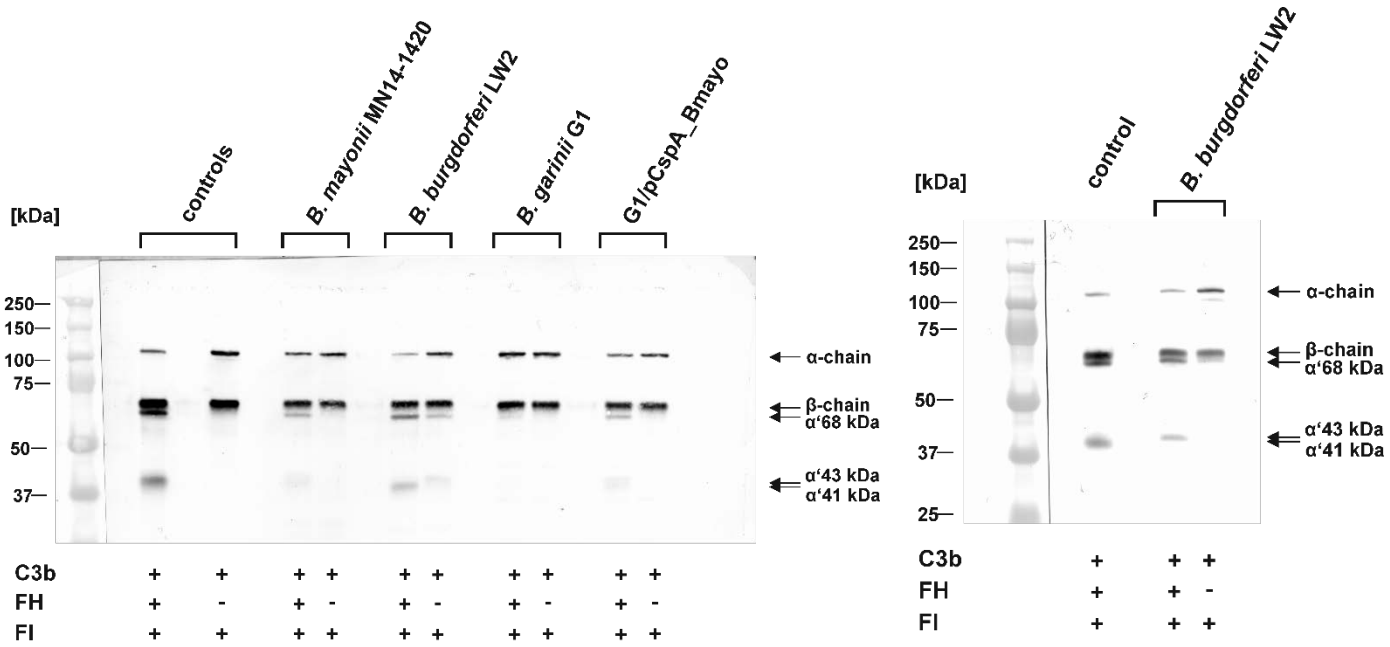
- Application: Blot; HRP-Substrate (DAB)
- Filter: Green
- Resolution: 42,3 * 42,3 microns = High for small gels with tiny features

Transform operations for the re-scanned original membrane: high: 2277; low: 0; gamma: 0.71

The identical membrane was also re-scanned by a Chemidoc (Bio-Rad) and for image processing the ImageLab 4.1 software (Bio-Rad) was applied (right panel). The general settings were as follows:

- Application: Blot: Colorimetric (Filter:Standard Filter, Light: White epi illumination)

Transform operations: high 44553, low 17355, gamma 1.00



Uncropped Western blots of figure 2C. Nitrocellulose membranes were scanned by a GS-710 Imaging Densitometer (Bio-Rad) and for image processing the Quantity One 4.2.1 software (Bio-Rad) was used. The general settings were as follows:

- Application: Blot; HRP-Substrate (DAB)
- Filter: Green
- Resolution: 42,3 * 42,3 microns = High for small gels with tiny features

Transform operations of the left panel of figure 2D; 2925; low: 126; gamma: 1.09

Transform operations of the right panel of figure 2D; 3210; low: 206; gamma: 0.89