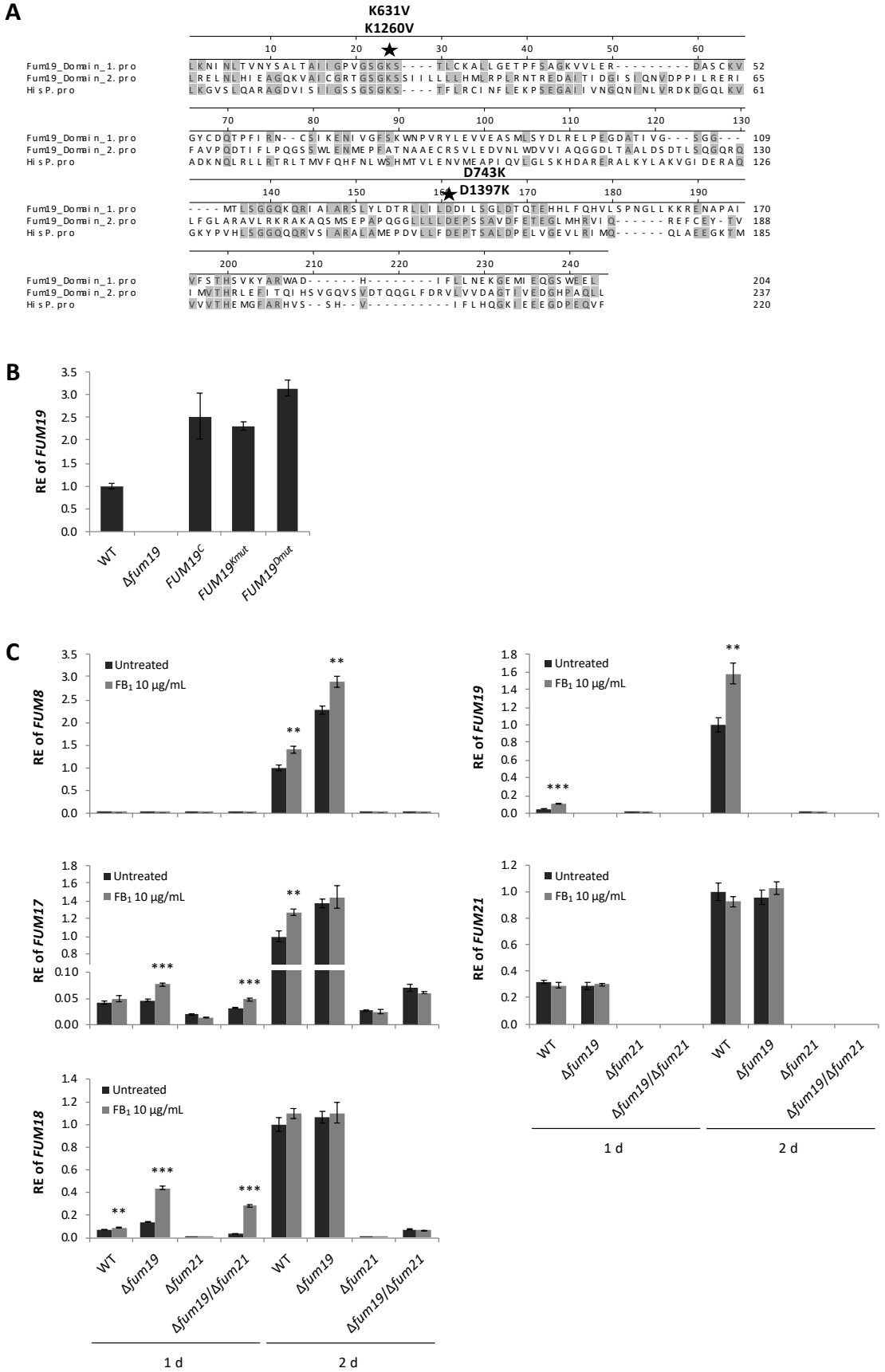

Figure S2. *FUM19* point-mutation and FB_1 feeding of *FUM19* and *FUM21* mutants. A) The two ATP-binding domains of Fum19 were identified by comparison with the respective domain of HisP (UniProtKB P02915). Identical amino acids are highlighted in gray, and residues chosen for point-mutation are marked. **B)** Expression analysis of *FUM19* point-mutated strains, grown in ICI/6 mM Gln shaking culture for 2 days. **C)** For FB_1 feeding, indicated strains were grown in ICI/6 mM Gln shaking culture for 1 or 2 days, prior to addition of water (untreated) or 10 µg/mL FB_1 for 2 hours. Relative expression (RE) was determined by qRT-PCR, and WT gene expression (2 days) was arbitrarily set to 1. Data are mean values ± standard deviation (n = 3). For statistical analysis, treated and untreated samples were compared using the student's t-test: **, $p < 0.01$; ***, $p < 0.001$.