Table S5. Antigenicity, allergenicity, and biophysical analyses of BFV.

| Name of the protein | AN (threshold 0.5) | AG | pI | Number of positively charged amino acids | Number of negatively charged amino acids | Extinction coefficients (in M⁻¹ cm⁻¹) | Estimated half-life | II   | AI | GRAVY |
|---------------------|--------------------|----|----|------------------------------------------|------------------------------------------|----------------------------------------|-------------------|-----|----|-------|
| BFV                 | Antigenic          | Non-allergenic | 9.9 | 42                                        | 12                                       | 80705                                  | 4.4 hours (mammalian reticulocytes, in vitro), >20 hours in yeast, in vivo and >10 h in E. coli cell culture system | Stable (25.15)    | 84.4| 0.111|