

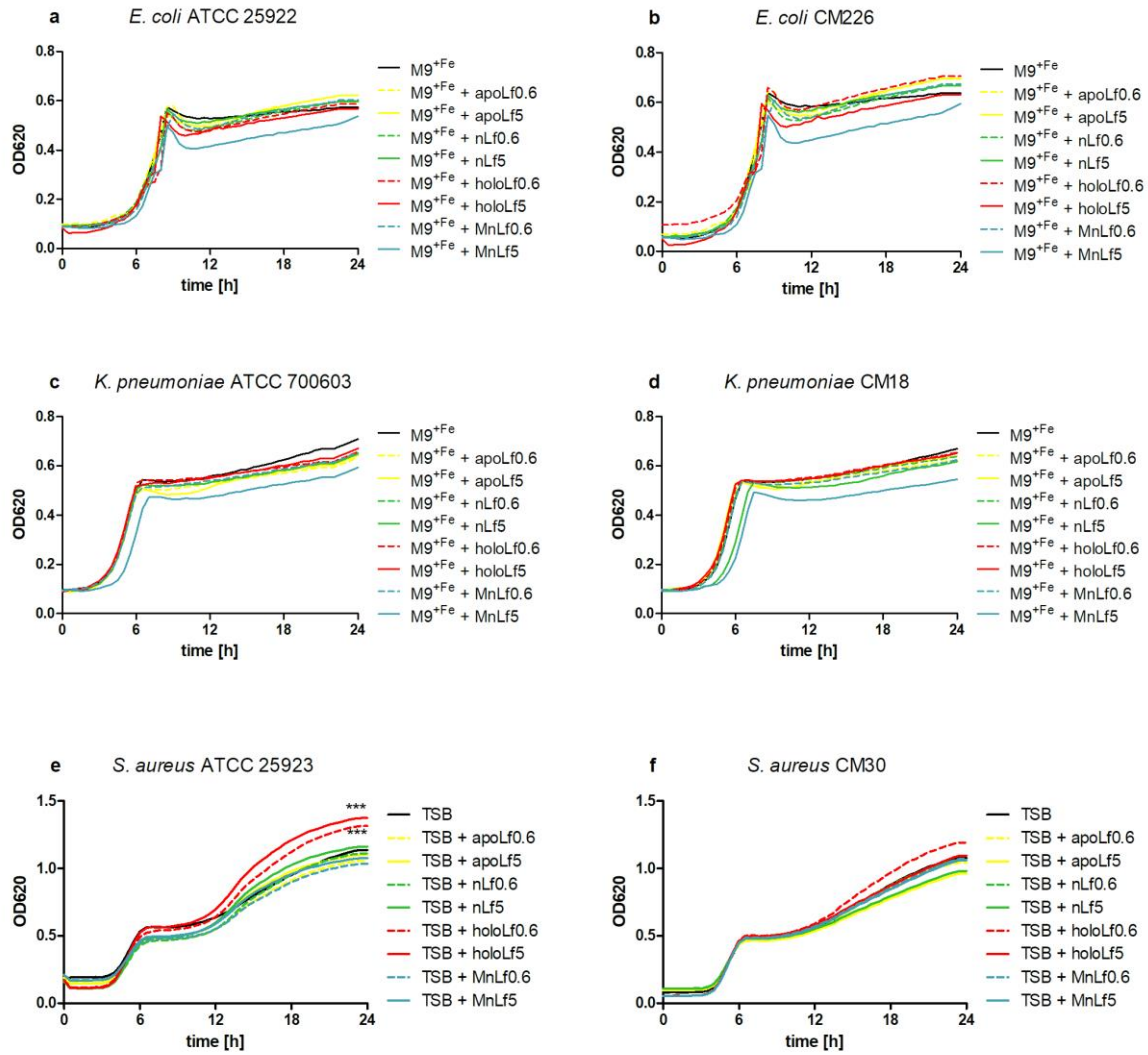


Figure S1. Semi-quantitative assessment of pathogenic bacteria growth upon incubation with various lactoferrin forms added at a concentration of 0.6 or 5 mg/ml to growth medium (M9^{Fe} or TSB): *E. coli* ATCC 25922 (a), *E. coli* CM226 (b), *K. pneumoniae* ATCC 700603 (c), *K. pneumoniae* CM18 (d), *S. aureus* ATCC 25923 (e), *S. aureus* CM30 (f). *** denotes statistically significant differences vs growth medium at p<0.001 in one-way ANOVA.

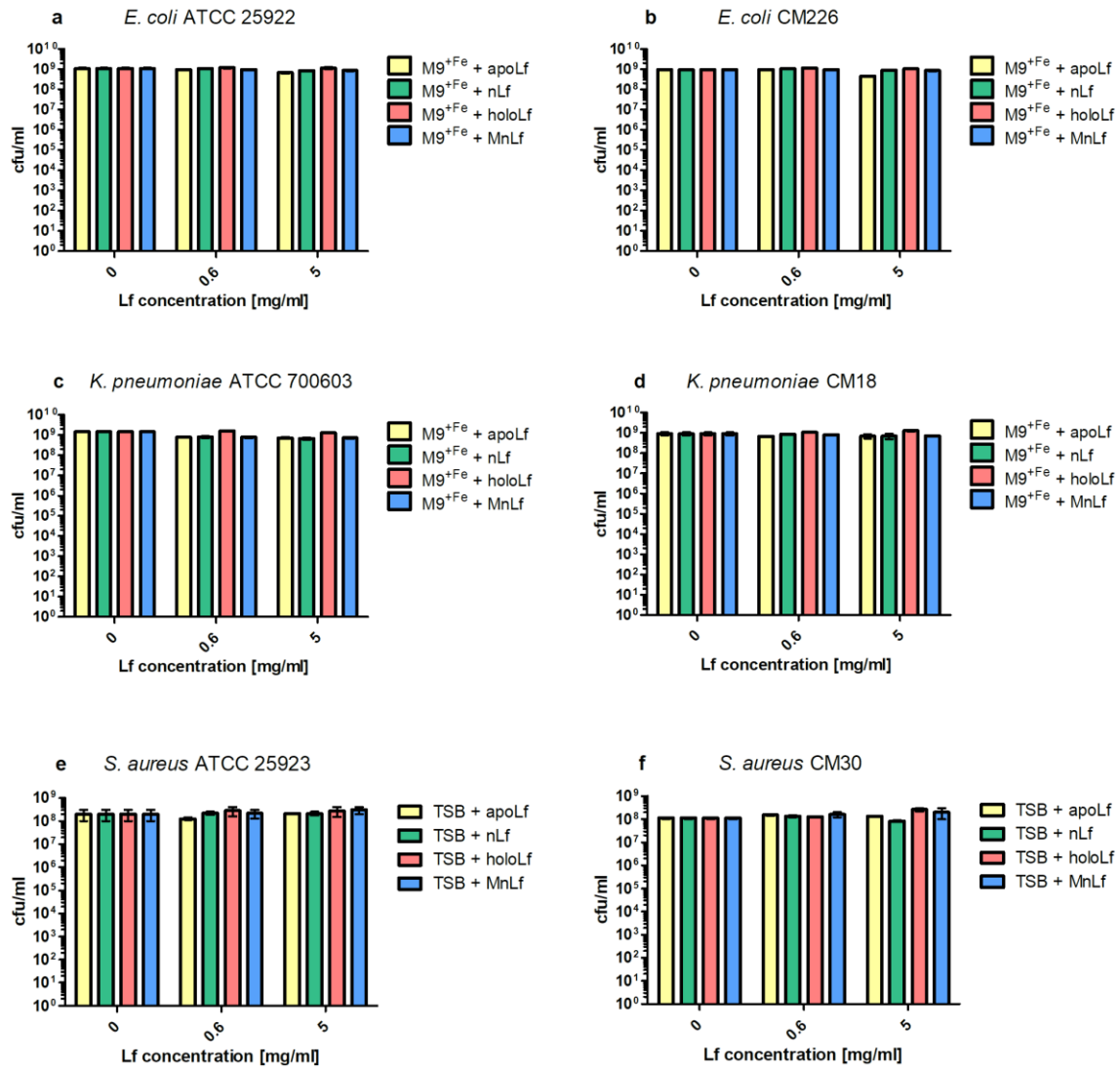


Figure S2. Quantitative assessment of tested pathogenic bacterial strains growth after 24 h incubation with various lactoferrin forms added at concentrations of 0.6 and 5 mg/ml to growth medium (M9^{+Fe} or TSB): *E. coli* ATCC 25922 (a), *E. coli* CM226 (b), *K. pneumoniae* ATCC 700603 (c), *K. pneumoniae* CM18 (d), *S. aureus* ATCC 25923 (e), *S. aureus* CM30 (f).

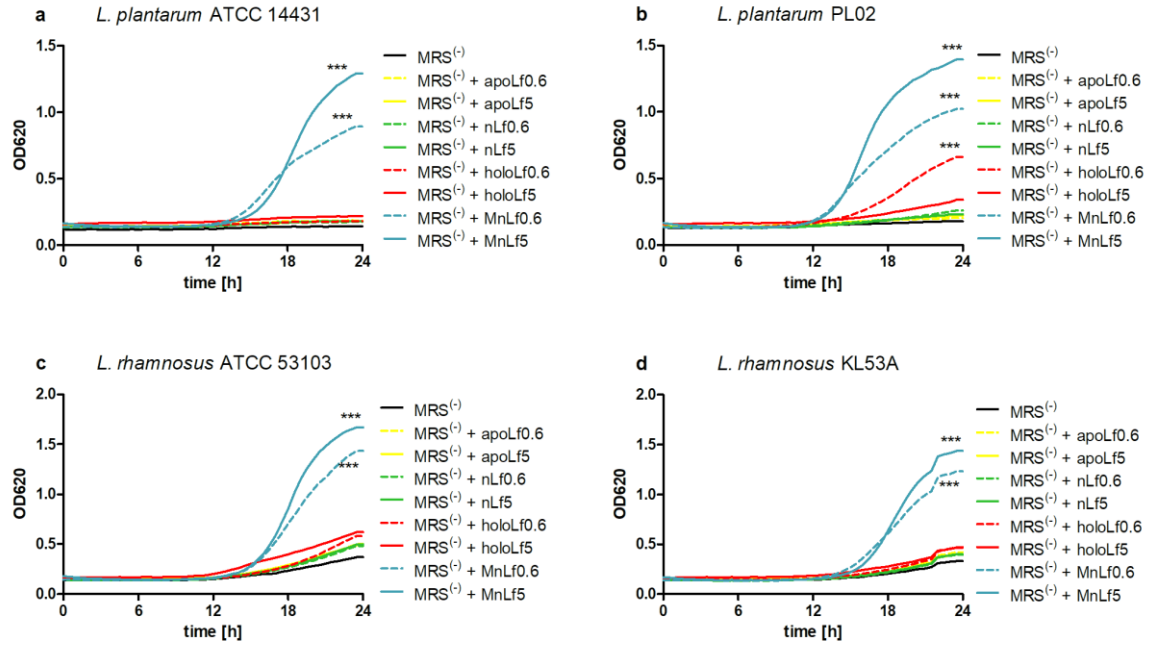


Figure S3. Semi-quantitative assessment of *Lactobacillus* strains growth upon incubation with various lactoferrin forms added at a concentration of 0.6 or 5 mg/ml to growth medium (MRS⁽⁻⁾): *L. plantarum* ATCC 14431 (a), *L. plantarum* PL02 (b), *L. rhamnosus* ATCC 53103 (c), *L. rhamnosus* KL53A (d). *** denotes statistically significant differences vs growth medium at p<0.001 in one-way ANOVA.

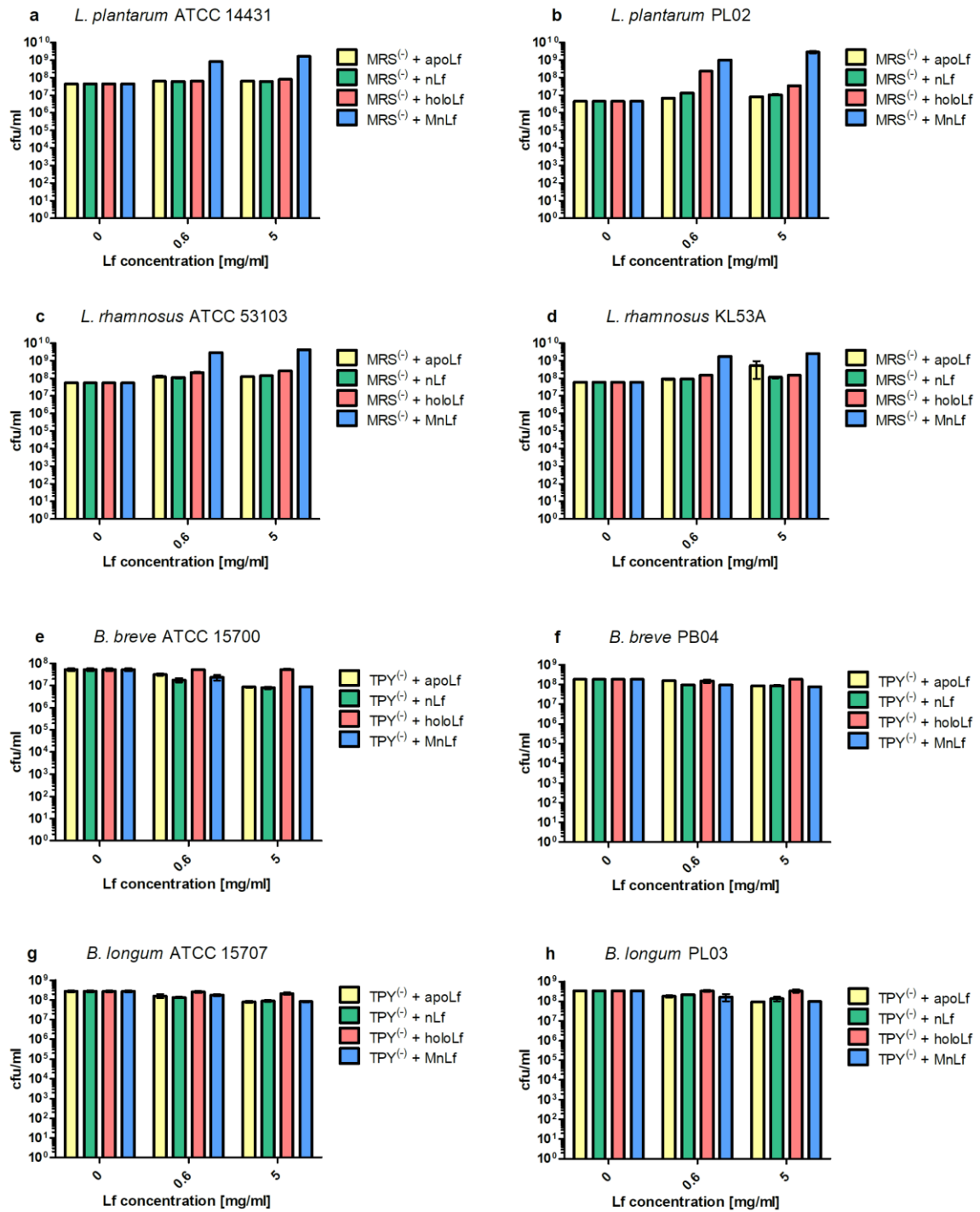


Figure S4. Quantitative assessment of tested strains growth after 24 h incubation with various lactoferrin forms at concentrations of 0.6 and 5 mg/ml in appropriate growth medium (MRS⁽⁻⁾ or TPY⁽⁻⁾): *L. plantarum* ATCC 14431 (a), *L. plantarum* PL02 (b), *L. rhamnosus* ATCC 53103 (c), *L. rhamnosus* KL53A (d), *B. breve* ATCC 15700 (e), *B. breve* PB04 (f), *B. longum* ATCC 15707 (g), *B. longum* PL03 (h).