**Fig. S1.** Quantitative detection of pLR in multiple-strain systems using colony immunoblotting.

Dishes with MRS agar were plated with dilutions of mixed cultures of pLR strains (GG + LV108 + XJ-F), non-pLR strains (Table 1), pLR + non-pLR strains (1:10) or pLR + non-pLR strains (1:100). After anaerobic incubation at 37°C for 36 h, colonies were replicated from MRS agar (left) onto nitrocellulose membranes (right) and processed as described in the Material and Methods. Positive colonies were stained dark blue (arrows).