



Supplementary Figure 1. CFU enumeration on selective media of the *Veillonella* competition experiment in ASF mice, comparing the engraftment of WT and *narG::tet* strains. Representative images of *Veillonella* colonies on selective media plates recovered on day 9 from the stool and colonic tissue of ASF mice in the competition experiment treated with and without DSS.

Supplementary Table 1. List of strains

Strain	Genotype	Reference/construction
RJX3383	SKV38 WT	Knapp et al. (2017)
bAM04	SKV38 <i>narK-chl-hemZ</i>	This work
RJX3411	SKV38 <i>lldP::cm</i>	This work
RJX3393	SKV38 <i>narG::tet</i>	This work
bAM06	SKV38 <i>narI::chl</i>	This work
RJX3418	SKV38 <i>opp1_operon::chl opp2_operon::tet opp3_operon::ery</i>	This work
RJX3402	SKV38 <i>optA::cm optB::tet</i>	This work
RJX3412	SKV38 <i>atpBEFHAGDC::tet</i>	This work
RJX3413	SKV38 <i>atpDC::chl</i>	This work
RJX3414	SKV38 <i>atpC::chl</i>	This work
bAM08	SKV38 <i>narI::chl recD2-Pnar_{RGHJI}-narI (ery)-yhjX</i>	This work
RJX3589	<i>Veillonella parvula</i> DSM2008	Lab strain
LD205	<i>Veillonella dispar</i> LD205	Lab strain
RJX1392	<i>Veillonella atypica</i> RJX1392	Lab strain
RJX1514	<i>Veillonella atypica</i> RJX1514	Lab strain
RJX3299	<i>Veillonella ratti</i> 84	Lab strain