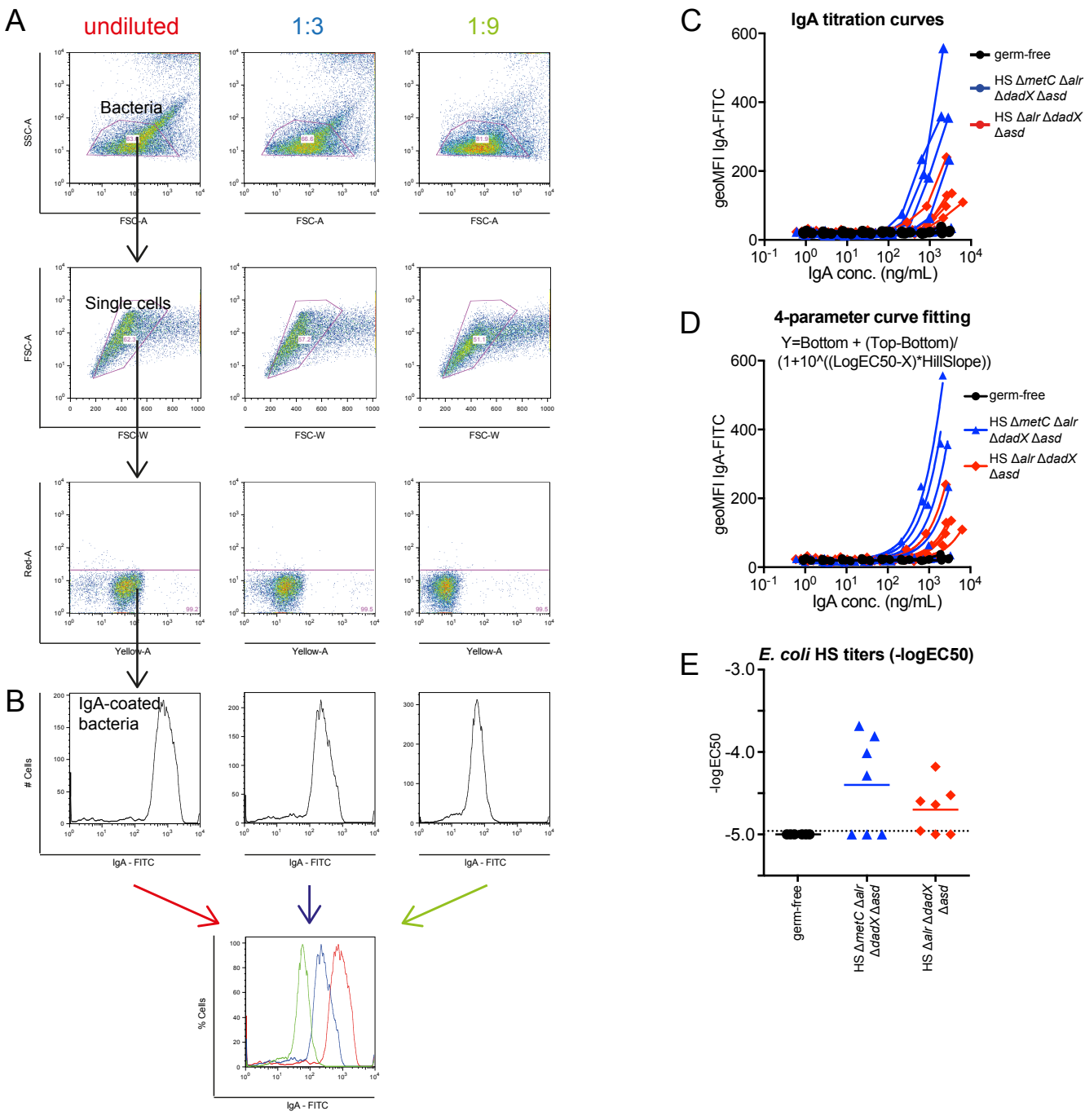
A
undiluted
1:3
1:9
Bacteria
SSC-A
FSC-A
Single cells
FSC-W
Red-A
Yellow-A
B
IgA-coated bacteria
Cells
IgA - FITC
% Cells
C
IgA titration curves
geoMFI IgA-FITC
IgA conc. (ng/mL)
germ-free
HS ΔmetC Δalr ΔdadX Δasd
HS Δalr ΔdadX Δasd
D
4-parameter curve fitting
Y=Bottom + (Top-Bottom)/
(1+10^((LogEC50-X)*HillSlope))
E
E. coli HS titers (-logEC50)
-logEC50