



Supplementary Figure 7. Phasotypes for the Mod module (*modA* and *modB*). A) Percentages were calculated as described in Supplementary Figure 3 for the following numbers of isolates; cc174, 48, 40, 37, 24; cc167, 14, 18, 18, 6; cc23, 6, 24, 18, 18; cc60, 30, 30, 12, 6; cc32, 6, 6, 6, 5. B) Switching states for each volunteer for the Mod module. See Supplementary Figure 3 for how expression states were determined. Note that the cc167 and cc23 strains did not contain the *modB* gene. C) Shannon diversity scores. See Supplementary Figure 3 for how diversity scores were derived