Reverse-engineering reactions from *H. pylori* and *L. lactis* models after *S. aureus* and *E. coli* model curation[a]

			H. pylori	*L. lactis*
Reactions to Reverse Engineer	Total Number of Reactions[b]		357	467
			Reaction Counts	
	Reactions to Add "As is"[c]		33	45
	Reactions to Map to Functional Roles	In Curated Subsystems[d]	303	360
		In Additional Subsystems[e]	1	7
		Remaining Reactions[f]	20	55

a.   Projected; *E. coli* curation is ongoing.
b.   Reaction total does not include transport and exchange reactions, and "dead end" reactions (*i.e.*, reactions whose substrates are never produced or whose products are never consumed) specified by the published models.
c.   Reactions in respective models that combine many reactions into one for synthesis of organism-specific properties (e.g., fatty acid synthesis).
d.   Reactions in the models that map to functional roles in subsystems curated for *S. aureus* and *E. coli* network generation.
e.   Reactions in the models that map to functional roles in existing subsystems that were not curated in association with *S. aureus* and *E. coli* network generation.
f.   Reactions not yet associated with functional roles in subsystems.