**Figure S1. Equations determined by factor analysis**

**Factor 1**: **0.17180 \* (ExoU) + 0.17472 \* (ExoS) + 0.28156 \* (ExoT) + 0.27342 \* (PcrV) + 0.28468 \* (PopD)** - 0.00985 \* (swimming) + 0.01218 \* (swarming) + 0.03658 \* (twitching) - 0.00661 \* (proteases) - 0.00296 \* (RL033) - 0.00422 \* (RL112)

**Factor 2**: -0.13468 \* (ExoU) + 0.07836 \* (ExoS) - 0.03907 \* (ExoT) + 0.05225 \* (PcrV) + 0.00227 \* (PopD) **+ 0.35596 \* (swimming) + 0.37548 \* (swarming)** + 0.15030 \* (twitching) **+ 0.42199 \* (proteases)** - 0.17478 \* (RL033) - 0.00313 \* (RL112)

**Factor 3**: -0.26189 \* (ExoU) + 0.18344 \* (ExoS) - 0.03039 \* (ExoT) + 0.05511 \* (PcrV) - 0.01633 \* (PopD) + 0.02914 \* (swimming) - 0.14786 \* (swarming) **+ 0.33490 \* (twitching)** + 0.12291 \* (proteases) **+ 0.42844 \* (RL033) + 0.48969 \* (RL112)**