



Figure S3. Motility phenotype (a) and colony morphology (b) of *Clostridium botulinum* isolates ST7B, ST19, ST34, ST39, ST40, ST43 and ST44. Motility assays were done in triplicate. Legend: # missense mutation in FlaA (Gln255Lys); \* non-sense mutation in FlhA (Gln327\*) and ¥ frame-shift insertion in FlgN (Glu3fs).