

Supplementary Table 3. List of questions asked in the survey

Survey question	
Demographics	
1	Please specify your country and institution.
Implementation	
2	How would you characterize your use of WGS for foodborne diseases in your country?
3	If WGS has not been implemented in your country, describe your plans for future use of WGS.
4	Approximately how many isolates did you sequence during this last year (2019)?
5	If possible, please estimate how many of each pathogen are included in your approximate totals.
6	Where is sequencing actually performed?
Capacity	
7	How would you characterize your laboratory's capacity and expertise to utilize, optimize, and troubleshoot wet lab protocols for WGS?
8	How would you characterize your laboratory's capacity and expertise to utilize, develop, optimize, and/or troubleshoot bioinformatics analysis of WGS data? If/when you need bioinformatics support, where do you go?
9	Which WGS technology platform(s) is(are) used?
10	Please provide model models listed above.
11	How would you describe the service you receive from the vendor for maintenance, troubleshooting, or fixing your sequencer(s)?
12	What type of computing and storage capacity do you have for WGS data?
13	What is your primary method for determining genetic similarity between isolates?
14	Describe the approach you take for interpreting whole genome sequence data.
15	What phenotypic predictions are performed using WGS data?
Users	
16	Who are the primary users of surveillance and/or outbreak laboratory data in your jurisdiction, and how would you characterize their current level of knowledge and ability to be able utilize WGS data for decision-making?
Reporting	
17	How do you typically communicate the results of your laboratory analyses with your stakeholders?
18	How amenable is this system to the incorporation of WGS results? If you are currently using WGS, do you produce and share phylogenetic trees?
19	Do you exchange sequence data with other partners/laboratories within your jurisdiction or country?
20	How frequently do you check for matches in other countries? Describe the process if you do this.
21	Do you make your sequence data public?
22	If your WGS data are not shared publicly, what is(are) the reason(s)?
Challenges	
23	If limited or no WGS is currently being done, what are the reasons? (If WGS is currently implemented, what (if any) challenges do you face?)
24	If you were to envision an ideal system to support global foodborne disease using WGS, what would it look like?
25	What are the biggest needs to achieve your vision for using WGS within your own country?
Priorities	
26	In your opinion, what should the priorities of PulseNet International be in order to progress towards global foodborne disease surveillance using WGS?