

Peer Review Plan

Title of Review: **Peer Review:** [] **Influential Scientific Information**
Risk Profile:
Defining adulterant Shiga toxin-producing *Escherichia coli* (STEC) based on virulence genes independent of serogroup

Agency: United States Department of Agriculture, Food Safety and Inspection Service (USDA/FSIS) [] **Highly Influential Scientific Assessment**

Agency Contact: Dr. Michael Day, Lead Microbiologist, Laboratory Quality Assurance, Response, and Coordination Staff (LQARCS)—Office of Public Health Science (OPHS, USDA/FSIS)

Subject of Review: Independent review of the FSIS/OPHS Risk Profile drafted to support a regulatory definition of STEC based on virulence genes linked food-borne illness

Purpose of Review: Peer review of the approach, supporting data, data analysis, and findings from the Risk Profile: *Defining adulterant Shiga toxin-producing Escherichia coli (STEC) based on virulence genes independent of serogroup*

Type of Review: [] Panel Review [] Individual Reviewers
[] Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: January 2025 End: March 2025 Completed: March/April 2025

Number of Reviewers: [] 3 or fewer [] 4 to 10 [] More than 10

Primary Disciplines/Types of Expertise Needed for Review: Genomics of STEC, Epidemiology, Beef (Food) Science/Microbiology, Microbiological Risk Assessment

Reviewers selected by: [] Agency [] Designated Outside Organization
Organization's Name: Interagency Risk Assessment Consortium (IRAC) Technical Committee

Opportunities for Public Comment? [] Yes [] No

If yes, briefly state how and when these opportunities will be provided:

How: Public comment period will be available as part of publishing regulation in the Federal Register

When: Fall 2025

Peer Reviewers Provided with Public Comments? Yes No

Public Nominations Requested for Review Panel? Yes No

Other: _____

