

114TH CONGRESS  
1ST SESSION

# S. 738

To reduce the risks associated with genetically altered salmon in the United States, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

MARCH 12, 2015

Ms. MURKOWSKI (for herself, Ms. CANTWELL, Mr. MERKLEY, and Mr. HEINRICH) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

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## A BILL

To reduce the risks associated with genetically altered salmon in the United States, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Genetically Engineered  
5 Salmon Risk Reduction Act”.

6 **SEC. 2. PURPOSES.**

7 It is the purpose of this Act to—

8 (1) minimize the risk that genetically engi-  
9 neered salmon will be introduced into the marine en-

1 vironment off the coasts of Alaska, Washington, Or-  
2 egon, and California; and

3 (2) ensure that consumers in the United States  
4 can make informed decisions when purchasing salm-  
5 on.

6 **SEC. 3. AMENDMENTS TO THE FEDERAL FOOD, DRUG, AND**  
7 **COSMETIC ACT.**

8 (a) LABELING REQUIREMENT.—Section 403 of the  
9 Federal Food, Drug, and Cosmetic Act (21 U.S.C. 343)  
10 is amended by adding at the end the following:

11 “(z) If it contains genetically engineered salmon un-  
12 less the food bears a label stating that fact.”.

13 (b) REQUIREMENT FOR ENVIRONMENTAL IMPACT  
14 STATEMENT.—Section 512 (21 U.S.C. 360b) is amended  
15 by adding at the end the following:

16 “(q)(1) Prior to the approval of any application filed  
17 under this section for genetically engineered salmon in-  
18 tended for human consumption, the Secretary, in consulta-  
19 tion with the Under Secretary for Oceans and Atmosphere  
20 of the Department of Commerce, shall prepare an environ-  
21 mental impact statement (focused on the coast of the  
22 United States from California to Alaska) in accordance  
23 with section 102(2)(C) of the National Environmental Pol-  
24 icy Act of 1969 that includes—

1           “(A) an environmental risk analysis that  
2 assesses the potential direct and indirect im-  
3 pacts from escapement of covered fish on wild  
4 and cultured fish stocks and environments that  
5 may be exposed to such covered fish;

6           “(B) a failure mode and effects analysis  
7 that quantitatively assesses the best- and worst-  
8 case probabilities of failure of each applicable  
9 confinement technique;

10           “(C) an assessment of the costs of control  
11 or eradication of escaped covered fish; and

12           “(D) an assessment of the potential eco-  
13 nomic damage in terms of loss of production  
14 and sales to relevant wild and cultured fish  
15 stocks and environments from the escapement  
16 of covered fish.

17           “(2) In this subsection, the term “covered fish”  
18 means a salmon or other anadromous or marine  
19 fish, live or dead, including the gametes, fertilized  
20 eggs, offspring, and descendants thereof, that is  
21 modified or produced using DNA from an orga-  
22 nism’s own genome or that of another species, which  
23 overcome natural physiological reproductive barriers

- 1 and which are not techniques used in traditional
- 2 breeding and selection.”.

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