



[FDA Home](#)³ [Food from New Plant Varieties](#)⁴ [New Protein Consultations](#)⁵ [NPC - New Protein Consultations](#)

NPC - New Protein Consultations

The inventory below lists all New Protein consultations completed under FDA's 2006 Guidance to Industry: Recommendations for the Early Food Safety Evaluation of New Non-Pesticidal Proteins Produced by New Plant Varieties Intended for Food Use⁶. For each completed consultation, the inventory contains:

- the New Protein Consultation (NPC) Number
- the name of the protein
- the name of the developer
- the date that FDA received the developer's Early Food Safety Evaluation
- the date of FDA's response letter

To view the developer's Early Food Safety Evaluation, click on the PDF hyperlink under the date it was received. To view FDA's response letter, click on the hyperlink under the date completed.

Search and display hints:

- You can sort by a specific field by clicking on the column header for that field.
- You can choose the type of search by selecting the tab for Basic Search or Advanced Search.
- You can search for a specific term by entering the term in the Search Box and selecting "Show Items."

<div> Basic Search Advanced Search Field Search </div>				
Search: <input type="text"/>		Show Items Clear		
		Records Found: 18 Page 1 of		
NPC No. (sorted Z-A)	Protein	Developer	Date Received NPC Submission	Date Completed Letter
18	AC1 glucanase	Agrivida, Inc.	Oct 5, 2017 NPC in PDF, 3.7 MB ⁶	Feb 21, 2018 FDA's response in PDF, 227 kB ⁷
17	isopentenyltransferase (IPT)	Arcadia Biosciences, Inc.	Apr 3, 2017 NPC in PDF, 8.1 MB ⁸	Jun 23, 2017 FDA's Response in PDF, 39 kB ⁹
16	homeobox domain HAHB4 protein (HAHB4)	Verdeca, Inc.	Apr 22, 2015 NPC in PDF, 568 kB ¹⁰	Aug 7, 2015 FDA's Response ¹¹
15	modified Escherichia coli phytase (Phy02)	Agrivida, Inc.	Mar 25, 2015 NPC in PDF, 2.9 MB ¹²	Aug 7, 2015 FDA's Response ¹³
14	trypsin	Applied Biotechnology Institute	Mar 25, 2015 NPC in PDF, 148 kB ¹⁴	Sep 2, 2015 FDA's Response ¹⁵
13	alanine aminotransferase (AlaAT)	Arcadia Biosciences, Inc.	Jan 5, 2015 NPC in PDF, 2.2 MB ¹⁶	May 14, 2015 FDA's Response ¹⁷
12	5-enolpyruvateshikimate-3 phosphate synthase (EPSPS ACE5)	Athenix Corporation	Oct 7, 2009 NPC in PDF, 596 kB ¹⁸	Oct 15, 2010 FDA's Response ¹⁹
11	alpha-amylase ZM-AA1	Pioneer Hi-Bred International, Inc.	Jun 23, 2009 NPC in PDF, 319 kB ²⁰	Jan 29, 2010 FDA's Response ²¹
10	p-hydroxyphenylpyruvate dioxygenase (HPPD)	Bayer CropScience LP	Jun 5, 2009 NPC in PDF, 121 kB ²²	Mar 26, 2010 FDA's Response ²³ withdrawn*
9	aryloxyalkanoate dioxygenase-12 (AAD-12)	Dow AgroSciences LLC	Dec 17, 2008 NPC in PDF, 1384 kB ²⁴	May 19, 2010 FDA's Response ²⁵
8	aryloxyalkanoate dioxygenase 1 (AAD 1)	Dow AgroSciences LLC	Sep 13, 2007 NPC in PDF, 552 kB ²⁶	May 19, 2010 FDA's Response ²⁷
7	aryloxyalkanoate dioxygenase 1 (AAD 1)	Dow Agrosciences LLC	Mar 28, 2007 NPC in PDF, 27 kB ²⁸	Dec 22, 2009 FDA's Response ²⁹ withdrawn*
6	modified corn acetolactate synthase, ZM-HRA	Pioneer Hi-Bred International, Inc.	Feb 20, 2007 NPC in PDF, 148 kB ³⁰	Dec 15, 2009 FDA's Response ³¹
5	glyphosate N-acetyltransferase GAT4621	Pioneer Hi-Bred International, Inc.	Feb 5, 2007 NPC in PDF, 155 kB ³²	Oct 7, 2009 FDA's Response ³³
4	red fluorescent protein, DsRed2	Pioneer Hi-Bred International, Inc.	Oct 17, 2006 NPC in PDF, 112 kB ³⁴	Jan 29, 2010 FDA's Response ³⁵
3	glyphosate N-acetyltransferase GAT4601	Pioneer Hi-Bred International, Inc.	Jun 19, 2006 NPC in PDF, 252 kB ³⁶	Mar 25, 2009 FDA's Response ³⁷
2	phosphomannose isomerase (PMI)	Syngenta Seeds, Inc.	Apr 21, 2005 NPC in PDF, 1285 kB ³⁸	Feb 10, 2009 FDA's Response ³⁹
1	AMY797E alpha-amylase	Syngenta Seeds, Inc.	Apr 21, 2005 NPC in PDF, 1235 kB ⁴⁰	Feb 10, 2009 FDA's Response ⁴¹

*"withdrawn" indicates that the developer requested that FDA cease its evaluation of the submission.

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Page Last Updated: 03/28/2018

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