

IDENIX PHARMACEUTICALS INC
 Form 4
 February 23, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 NOVARTIS AG

2. Issuer Name and Ticker or Trading Symbol
 IDENIX PHARMACEUTICALS INC [IDIX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 LICHSTRASSE 35
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/23/2012

____ Director _____ 10% Owner
 ____ Officer (give title below) Other (specify below)
 Indirect 10% Owner

BASEL, V8 CH4002
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 ____ Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/23/2012		P		35,735	A	\$ 2.41	33,271,516	I	See Footnote (1)
Common Stock	02/23/2012		P		366	A	\$ 2.47	33,271,882	I	See Footnote (1)
Common Stock	02/23/2012		P		2,493	A	\$ 2.56	33,274,375	I	See Footnote (1)
Common Stock	02/23/2012		P		997	A	\$ 2.69	33,275,372	I	See Footnote

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Common Stock	02/23/2012	P	997	A	\$ 2.78	33,276,369	I	(1) See Footnote (1)
Common Stock	02/23/2012	P	1,321	A	\$ 2.85	33,277,690	I	See Footnote (1)
Common Stock	02/23/2012	P	3,117	A	\$ 2.9	33,280,807	I	See Footnote (1)
Common Stock	02/23/2012	P	8,960	A	\$ 2.96	33,289,767	I	See Footnote (1)
Common Stock	02/23/2012	P	427	A	\$ 2.97	33,290,194	I	See Footnote (1)
Common Stock	02/23/2012	P	232	A	\$ 3.04	33,290,426	I	See Footnote (1)
Common Stock	02/23/2012	P	4,336	A	\$ 3.17	33,294,762	I	See Footnote (1)
Common Stock	02/23/2012	P	3,093	A	\$ 3.79	33,297,855	I	See Footnote (1)
Common Stock	02/23/2012	P	39	A	\$ 5.1	33,297,894	I	See Footnote (1)
Common Stock	02/23/2012	P	11,433	A	\$ 5.11	33,309,327	I	See Footnote (1)
Common Stock	02/23/2012	P	7,402	A	\$ 5.46	33,316,729	I	See Footnote (1)
Common Stock	02/23/2012	P	883	A	\$ 5.79	33,317,612	I	See Footnote (1)
Common Stock	02/23/2012	P	436	A	\$ 5.8	33,318,048	I	See Footnote (1)
Common Stock	02/23/2012	P	493	A	\$ 6.52	33,318,541	I	See Footnote (1)

Common Stock	02/23/2012	P	2,133	A	\$ 7.39	33,320,674	I	See Footnote (1)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474
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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
NOVARTIS AG LICHSTRASSE 35 BASEL, V8 CH4002				Indirect 10% Owner
NOVARTIS PHARMA AG LICHSTRASSE 35 BASEL, V8 CH4002			X	

Signatures

/s/ Marc Ceulemans, Head Strategic Venture Capital Fund & Pharma Equities 02/23/2012

**Signature of Reporting Person Date

/s/ Felix Eichhorn, Authorized Signatory 02/23/2012

**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) These securities are owned directly by Novartis Pharma AG, a direct, wholly-owned subsidiary of Novartis AG. Novartis AG is indirect beneficial owner of these securities. See attachment.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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