

OMB APPROVAL	
OMB Number:	3235-0287
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hours per response:	0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Simon Barry J.</u> (Last) (First) (Middle) <u>C/O NANTKWEST, INC.</u> <u>2533 SOUTH COAST HIGHWAY 101, SUITE 210</u> (Street) <u>CARDIFF-BY-</u> <u>CA</u> <u>92007-2133</u> <u>THE-SEA</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>NantKwest, Inc. [NK]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President and COO
	3. Date of Earliest Transaction (Month/Day/Year) <u>07/27/2015</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock ⁽¹⁾	07/27/2015		M		185,150	A	\$0.00	3,355,690	D	
Common Stock	07/27/2015		F		96,612	D	\$25	3,259,078	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units	(1)	07/27/2015		A		370,300		(2)	(2)	Common Stock	370,300	\$0.00	370,300	D	
Restricted Stock Units	(1)	07/27/2015		M		185,150		(2)	(2)	Common Stock	185,150	\$0.00	185,150	D	
Stock Option (right to buy)	\$25	07/27/2015		A		555,450		(3)	07/27/2025	Common Stock	555,450	\$0.00	555,450	D	

Explanation of Responses:

- Each restricted stock unit ("RSU") represents a contingent right to receive one share of NantKwest, Inc. common stock.
- Subject to the reporting person's continuing to be a Service Provider (as defined in the 2015 Equity Incentive Plan) through each applicable vesting date, the restricted stock units ("RSUs") will vest as follows: 50% of the RSUs vested on July 27, 2015, and 50% of the RSUs will vest on July 27, 2016.
- Subject to the award recipient's continuing to be a Service Provider (as defined in the 2015 Equity Incentive Plan) through each applicable vesting date, the option will vest as follows: 50% of the shares subject to the option vested and became exercisable on July 27, 2015, and 50% of the shares subject to the option shall vest and become exercisable on July 27, 2016.

Remarks:

/s/ Richard Gomberg, as
Attorney-in-Fact

08/05/2015

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* 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).

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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