

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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>Venrock Healthcare Capital Partners II, L.P.</u> (Last) (First) (Middle) C/O VENROCK 3340 HILLVIEW AVENUE (Street) PALO ALTO CA 94304 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 09/10/2018	3. Issuer Name and Ticker or Trading Symbol <u>KalVista Pharmaceuticals, Inc. [KALV]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2,044,112 ⁽¹⁾	I	By funds ⁽²⁾

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				

1. Name and Address of Reporting Person*
Venrock Healthcare Capital Partners II, L.P.
 (Last) (First) (Middle)
 C/O VENROCK
 3340 HILLVIEW AVENUE
 (Street)
 PALO ALTO CA 94304
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
VHCP Co-Investment Holdings II, LLC
 (Last) (First) (Middle)
 C/O VENROCK
 3340 HILLVIEW AVENUE
 (Street)
 PALO ALTO CA 94304
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
VHCP Management II, LLC
 (Last) (First) (Middle)
 C/O VENROCK
 3340 HILLVIEW AVENUE
 (Street)

PALO ALTO CA 94304

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[Venrock Healthcare Capital Partners III, L.P.](#)

(Last) (First) (Middle)

C/O VENROCK

3340 HILLVIEW AVENUE

(Street)

PALO ALTO CA 94304

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[VHCP Co-Investment Holdings III, LLC](#)

(Last) (First) (Middle)

C/O VENROCK

3340 HILLVIEW AVENUE

(Street)

PALO ALTO CA 94304

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[VHCP Management III, LLC](#)

(Last) (First) (Middle)

C/O VENROCK

3340 HILLVIEW AVENUE

(Street)

PALO ALTO CA 94304

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[Koh Bong Y](#)

(Last) (First) (Middle)

C/O VENROCK

3340 HILLVIEW AVENUE

(Street)

PALO ALTO CA 94304

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[Shah Nimish P](#)

(Last) (First) (Middle)

C/O VENROCK

3340 HILLVIEW AVENUE

(Street)

PALO ALTO CA 94304

(City) (State) (Zip)

Explanation of Responses:

1. Consists of (i) 540,260 shares held by Venrock Healthcare Capital Partners II, L.P. ("VHCP2"), (ii) 218,921 shares held by VHCP Co-Investment Holdings II, LLC ("VHCP Co-2"), (iii) 1,168,212 shares held by Venrock Healthcare Capital Partners III, L.P. ("VHCP3") and (iv) 116,719 shares held by VHCP Co-Investment Holdings III, LLC ("VHCP Co-3").

2. VHCP Management II, LLC ("VHCPM2") is the general partner of VHCP2 and the manager of VHCP Co-2 and may be deemed to beneficially own these shares. VHCP Management III, LLC ("VHCPM3") is the general partner of VHCP3 and the manager of VHCP Co-3 and may be deemed to beneficially own these shares. Bong Koh and Nimish Shah are the managing members of VHCPM2 and VHCPM3 and may be deemed to beneficially own these shares. Each of VHCPM2, VHCPM3, Bong Koh and Nimish Shah expressly disclaim beneficial ownership over these shares except to the extent of their indirect pecuniary interests therein.

Remarks:

<u>David L. Stepp, Authorized Signatory</u>	<u>09/10/2018</u>
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<u>David L. Stepp, Attorney-in-fact</u>	<u>09/10/2018</u>
<u>David L. Stepp, Attorney-in-fact</u>	<u>09/10/2018</u>

** 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 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.