

OMB APPROVAL	
OMB Number:	3235-0287
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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**

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>Caligan Partners LP</u> <hr/> (Last) (First) (Middle) 590 MADISON AVENUE <hr/> (Street) NEW YORK NY 10022 <hr/> (City) (State) (Zip)		2. Issuer Name and Ticker or Trading Symbol <u>STANDARD BIOTOOLS INC. [ LAB ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
		3. Date of Earliest Transaction (Month/Day/Year) 04/06/2022	
		4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, \$0.001 par value per share ("Common Stock")	04/06/2022		P		109,573	A	\$3.6	8,489,838	I	See footnote <sup>(1)</sup>
Common Stock	04/07/2022		P		200,000	A	\$3.88	8,689,838	I	See footnote <sup>(1)</sup>
Common Stock	04/08/2022		P		200,000	A	\$3.76	8,889,838	I	See footnote <sup>(1)</sup>

**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					

1. Name and Address of Reporting Person\*  
Caligan Partners LP  


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 (Last) (First) (Middle)  
 590 MADISON AVENUE  


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 (Street)  
 NEW YORK NY 10022  


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 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
JOHNSON DAVID EDWARD  


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 (Last) (First) (Middle)  
 590 MADISON AVENUE  


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 (Street)  
 NEW YORK NY 10022  


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 (City) (State) (Zip)

**Explanation of Responses:**

1. The securities reported herein are held by an affiliated fund and managed account of Caligan Partners LP ("Caligan"). David Johnson is a Partner of Caligan and a Managing Member of Caligan Partners GP LLC, the general partner of Caligan.

**Remarks:**

The Reporting Person disclaims beneficial ownership in the securities reported on this Form 4 except to the extent of his or its pecuniary interest, if any, therein, and this report shall not be deemed to be an admission that the Reporting Person is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

Caligan Partners LP, By: /s/  
David Edward Johnson, 04/08/2022  
Partner

/s/ David Edward Johnson 04/08/2022

\*\* 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.

**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.**