Check this box in to indiger subject to Section 30(h) of the investment Company Act of 1934 Estimated average burder hours per response: Lesting to indiger subject to Section 30(h) of the investment Company Act of 1940 5. Relationship of Reporting Person* Egholm Michael 2. Issuer Name and Ticker or Trading Symbol STANDARD BIOTOOLS INC. 5. Relationship of Reporting Person(s) to Iss (Check all applicable) (Last) (First) (Middle) C/O STANDARD BIOTOOLS INC. 3. Date of Earliest Transaction (Month/Day/Year) 5. Individual or Joint/Group Filing (Check Ap Line) Street) 3. Date of Earliest Transaction (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Ap Line) South H SAN FRANCISCO CA 94080 (City) (State) (Zip) Image: City (Instr. 3) 2. Transaction (Month/Day/Year) 1. Mame and provide the at transaction was made pursuant to a contract, instruction or written plan that is intered satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. Table 1 - Non-Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5) 5. Ament of Source Form File (Month/Day/Year) 5. Amount of Biopsoed of (D) (Instr. 3, 4 and 5) 5. Amount of Source Form File (D) (Instr. 4) 6. Omership (D) (Instr. 4)		rm 4 FORM 4	UNITE	D STAT	TES S	SECI	JRITIE	S AN	ID E	XCHAN	GE C	омм	ISSIO	N		
Check this box in hologer subject instruction (t). STATLINEAT OF CHARGEDS IN DELETIFICAL OWNER/OWN							Washing	gton, D.0	C. 205	49				0	OMB APPR	OVAL
1. Name and Address of Reporting Person* 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Iss Egholm Michael 3. Date of Earliest Transaction (Month/Day/Year) 5. Relationship of Reporting Person(s) to Iss (Last) (First) (Middle) C/O STANDARD BIOTOOLS INC. 2 3. Date of Earliest Transaction (Month/Day/Year) 5. Relationship of Reporting Person(s) to Iss (Street) SOUTH SAN Form filed by More than One Reporting Person 6. Individual or Joint/Group Filing (Check Ap Line) (City) (State) (Zip) Rule 10b5-1(c) Transaction Indicate that a transaction was made pursuant to a contract, instruction or written plan that is interd 1. Title of Security (Instr. 3) 2. Transaction Date (Instruction Code (Instruction Struct) 3. Date code (Instruction Struct) 5. Securities Acquired (A) or presod of (D) (Instr. 3. 4nd 4) 5. Amount of Source (D) (Instr. 4) 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Instruction Code (Instruc	to Sect obligati	ction 16. Form 4 or Form 5 tions may continue. See			pursua	ant to Se	ection 16(a)	of the S	Securit	ies Exchange	e Act of 19		SHIP	Estim	nated average bur	3235-0287 den 0.5
(Last) (First) (Middle) (C) STANDARD BIOTOOLS INC. 3. Date of Callest ITansaction (Month/Day/Year) A below) President & CEO 2 TOWER PLACE, STE 2000 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Ap Line) (Street) SOUTH SAN CA 94080 (City) (State) (Zip) City) (State) (Zip) Check this box to indicate that a transaction was made pursuant to a contract, instruction or writter plan that is intend satisfy the affirmative defense conditions of Rule 1005-1(c). See Instruction 10. Table 1 - Non-Derivative Securities Acquired, Month/Day/Year) 1. Title of Security (Instr. 3) 2. Transaction Date of Od/08/2024 3. Transaction Date of Old (Instr. 5) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and Date Of Old (Instr. 3) 5. Amount of Disposed Of (D) (Instr. 3, 4 and Dispo	1 0				2. Iss	2. Issuer Name and Ticker or Trading Symbol							eck all app X Direc	licable) tor	10% (Owner
(Street) SOUTH SAN FRANCISCO CA 94080 Person South Security (Instr. 3) Rule 10b5-1(c) Transaction Indication (City) State South So						· · · · · · · · · · · · · · · · · · ·							A below) below)			
$\begin{array}{ c c c c } \hline \begin{tabular}{ c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	(Street) SOUTH	SAN CA			4. If A	Amendm	nent, Date c	of Origina	al File	d (Month/Day	/Year)	Line	e) X Form Form	ı filed by On ı filed by Mo	e Reporting Per	son
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 3. Transaction Code (Instr. 3) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially (D) or Indirect			(Zip)			Check thi	s box to indi	cate that	a trans	action was ma	ide pursuai	nt to a co e Instruc	ntract, instr tion 10.	uction or writ	ten plan that is int	ended to
$\frac{Date}{(Month/Day/Year)} \begin{bmatrix} Date}{(Month/Day/Year)} \begin{bmatrix} Date}{if any} \\ (Month/Day/Year) \end{bmatrix} \begin{bmatrix} Execution Date, \\ if any} \\ (Month/Day/Year) \end{bmatrix} \begin{bmatrix} Transaction \\ Code \\ \$ \end{bmatrix} \begin{bmatrix} Disposed Of (D) (Instr. 3, 4 and 5) \\ S \end{bmatrix} \begin{bmatrix} Securities \\ Beneficially \\ Owned Following \\ Price \\ (Instr. 3 and 4) \end{bmatrix} \begin{bmatrix} Form: Direct \\ (D) or Indirect \\ (Instr. 4) \\ (Instr. 3 and 4) \end{bmatrix} \begin{bmatrix} Form: Direct \\ (D) or Indirect \\ (Instr. 4) \\ (Instr. 4) \\ (Instr. 3 and 4) \end{bmatrix} \begin{bmatrix} Form: Direct \\ (D) or Indirect \\ (Instr. 4) \\ (Instr. 3 and 4) \end{bmatrix} \begin{bmatrix} Form: Direct \\ (D) or Indirect \\ (Instr. 4) \\ (Instr. 4) \\ (Instr. 3 and 4) \end{bmatrix} \begin{bmatrix} Form: Direct \\ (D) or Indirect \\ (Instr. 4) \\ (Instr. 4) \\ (Instr. 3 and 4) \end{bmatrix} \begin{bmatrix} Form: Direct \\ (D) or Indirect \\ (Instr. 4) \\$			Table I - No	on-Deriva	tive S	Securi	ties Acq	uired	, Dis	posed of,	or Ben	eficia	lly Own	ed		
Common Stock 04/08/2024 F 102,564 ⁽¹⁾ D \$2.71 531,592 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)	Date				Year) if any		Transaction Code (Instr. 8)		Of (D) (Instr. 3, 4 and		d Securities Beneficially Owned Following Reported Transaction(s)					
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)	I				,,			Code (8)	Instr.	Disposed Of 5)	(A) or	3, 4 and	Securi Benefi Ownec Report Transa	ties cially d Following ted action(s)	Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
1. Title of 2. 3. Transaction 3A. Deemed 4. 5. Number 6. Date Exercisable and 7. Title and 8. Price of 9. Number of 10	Common	1 Stock		04/08/2				Code (8) Code	Instr.	Disposed Of 5) Amount	(A) or (D)	3, 4 and Price	Securi Benefi Owned Report Transa (Instr.	ties cially d Following ted action(s) 3 and 4)	Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership
In mission of security Security (Instr. 3) Conversion or Exercise Price of Derivative Security On the security (Month/Day/Year) Date before the security of the securities	Common	n Stock	Table II	- Derivati	2024 ive Se	(Month	a/Day/Year)	Code (8) Code F ired, I	v Disp	Amount 102,564 ⁽¹⁾	(A) or (D) D D D D D D	9, 4 and Price \$2.7 ficially	Securi Benefi Owned Report Transa (Instr. 1 53	ties cially d Following ted action(s) 3 and 4) 31,592	Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership

Explanation of Responses:

1. The shares were withheld from the reporting person to satisfy the tax withholding obligations that arose upon the vesting of certain performance-based restricted stock units ("RSUs") granted to the reporting person on April 11, 2023, which grant was originally reported on Form 4 filed with the U.S. Securities and Exchange Commission on April 5, 2024 upon the determination by the Board of Directors of the Issuer that certain of the performance-based conditions were met.

(D)

(A)

Date Exercisable

/s/ Michael Egholm by
Agnieszka Gallagher,
Attorney-in-Fact

of Shares

Title

Expiration Date

04/09/2024

** 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).

Code

v

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.