

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
1b	Three-digit plan number (PN) ▶ 002
1c	Effective date of plan 09/01/2005
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) TAKARA BIO, USA, INC. 2560 ORCHARD PARKWAY SAN JOSE, CA 95131
2b	Employer Identification Number (EIN) 77-0035190
2c	Plan Sponsor's telephone number 650-919-7300
2d	Business code (see instructions) 541990

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2024	MICHELLE MORENO
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 393
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 217 6a(2) 239 6b 34 6c 165 6d 438 6e 0 6f 438 6g(1) 386 6g(2) 435 6h 20
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2G 2J 2K 2S 2T 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
--	--

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☒ **A** (Insurance Information) – Number Attached 1
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 TAKARA BIO, USA, INC.	D Employer Identification Number (EIN) 77-0035190	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
--------	---	--

1 Coverage Information:

(a) Name of insurance carrier MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
--

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
04-1590850	65935	781196-01	68	01/01/2023	12/31/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
--

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	6763765
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	0

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year.....**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
 (3) ☐ guaranteed investment (4) ☒ other ▶ **GROUP ANNUITY CONTRACT**

b Balance at the end of the previous year**7b**

7165062

c Additions: (1) Contributions deposited during the year**7c(1)**

376991

(2) Dividends and credits

7c(2)

0

(3) Interest credited during the year

7c(3)

247011

(4) Transferred from separate account.....

7c(4)

1360002

(5) Other (specify below)

7c(5)

91425

▶ **LOAN PAYMENTS**

(6) Total additions

7c(6)

2075429

d Total of balance and additions (add lines **7b** and **7c(6)**)**7d**

9240491

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

1136504

(2) Administration charge made by carrier

7e(2)

5664

(3) Transferred to separate account.....

7e(3)

1334558

(4) Other (specify below)

7e(4)

(5) Total deductions

7e(5)

2476726

f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)**7f**

6763765

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A?..... ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) 002
C Plan sponsor's name as shown on line 2a of Form 5500 TAKARA BIO, USA, INC.	D Employer Identification Number (EIN) 77-0035190

Part I

Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1

Information on Persons Receiving Only Eligible Indirect Compensation

- a

Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).....

No

Yes

X
- b

If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b)

Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b)

Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b)

Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b)

Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

RAYMOND JAMES & ASSOCIATES INC

880 CARILLON PKWY
ATTN CONSULTING - 027210900
ST PETERSBURG, FL 33716

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	INVESTMENT ADVISOR	25000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

EMPOWER ANNUITY INSURANCE COMPANY O

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64	RECORDKEEPER	1635	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

ECONOMIC GROUP PENSION SERVICES INC

917 WESTERN AMERICA CIRCLE
SUITE 500
MOBILE, AL 36609

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13	CONTRACT ADMIN	1500	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

AON RISK INSURANCE SERVICES WEST IN

PO BOX 849832
LOS ANGELES, CA 90084-9832

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
99	OTHER	813	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
--	---	---

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN		B Three-digit plan number (PN) ▶ 002
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 TAKARA BIO, USA, INC.		D Employer Identification Number (EIN) 77-0035190

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)		
a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM LARGE CAP VALUE TRUST I			
b Name of sponsor of entity listed in (a): PUTNAM INVESTMENTS CIT			
c EIN-PN 82-3639536-275	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2431673	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRINCIPAL US REIT FUND TR I			
b Name of sponsor of entity listed in (a): PRINCIPAL COLLECTIVE TRUST FUNDS			
c EIN-PN 82-2725212-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 247713	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:			
b Name of sponsor of entity listed in (a):			
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs, other than DCGs)**

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN	B Three-digit plan number (PN) ►	002
C Plan sponsor's name as shown on line 2a of Form 5500 TAKARA BIO, USA, INC.	D Employer Identification Number (EIN) 77-0035190	

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	0
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	0	0
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	111784	198517
(9) Value of interest in common/collective trusts	1c(9)	1929825	2679386
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	38465234	47597891
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	7165062	6763765
(15) Other	1c(15)	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	47671905	57239559
Liabilities			
g Benefit claims payable	1g	0	0
h Operating payables	1h		
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	47671905	57239559

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	1190673	
(B) Participants	2a(1)(B)	3552291	
(C) Others (including rollovers)	2a(1)(C)	947647	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		5690611
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	11548	
(F) Other	2b(1)(F)	247011	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		258559
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	2150867	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		2150867
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		351234
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		6198900
c Other income	2c		45335
d Total income. Add all income amounts in column (b) and enter total	2d		14695506

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	5098904	
(2) To insurance carriers for the provision of benefits.....	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		5098904
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses:			
(1) Salaries and allowances	2i(1)	0	
(2) Contract administrator fees.....	2i(2)	1500	
(3) Recordkeeping fees.....	2i(3)	1635	
(4) IQPA audit fees.....	2i(4)	0	
(5) Investment advisory and investment management fees	2i(5)	25000	
(6) Bank or trust company trustee/custodial fees	2i(6)	0	
(7) Actuarial fees	2i(7)	0	
(8) Legal fees	2i(8)	0	
(9) Valuation/appraisal fees	2i(9)	0	
(10) Other trustee fees and expenses	2i(10)	0	
(11) Other expenses	2i(11)	813	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		28948
j Total expenses. Add all expense amounts in column (b) and enter total	2j		5127852

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		9567654
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **METZ & ASSOCIATES, PLLC**

(2) EIN: **46-4558541**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		☒	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		☒	
e Was this plan covered by a fidelity bond?	☒		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN		B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 TAKARA BIO, USA, INC.		D Employer Identification Number (EIN) 77-0035190
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 20-3691708		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A		
If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____		
If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2023 v. 230707		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	14a	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:		
a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
----------------	---

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

19 If the total number of participants is 1,000 or more, complete lines (a) and (b):

a Enter the percentage of plan assets held as:

Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%

High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:

☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation. _____

Part VII	IRS Compliance Questions
-----------------	---------------------------------

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

☐ Design-based safe harbor method

☐ "Prior year" ADP test

☒ "Current year" ADP test

☐ N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 11 / 14 / 2022 (MM/DD/YYYY) and the Opinion Letter serial number Q702518A.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN

Financial Statements
December 31, 2023 and 2022



TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Table of Contents
December 31, 2023 and 2022

	PAGE
Independent Auditors' Report	1
Statements of Net Assets Available for Benefits	4
Statement of Changes in Net Assets Available for Benefits	5
Notes to Financial Statements	6
 Supplemental Schedule	
Schedule H, Line 4i Schedule of Assets (Held at End of Year)	12
 Note:	
All other schedule required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for reporting and Disclosure under the Employee Retirement Income Securities Act of 1974 have been omitted because they are not applicable.	



INDEPENDENT AUDITORS' REPORT

To the Participants in and Administrator of
Takara Bio USA, Inc. 401(k) Profit Sharing Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the accompanying financial statements of Takara Bio USA, Inc. 401(k) Profit Sharing Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) [ERISA Section 103(a)(3)(C) audit]. The financial statements comprise the statements of net assets available for benefits as of December 31, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of Takara Bio USA, Inc. 401(k) Profit Sharing Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2023 and 2022, and for the year ended December 31, 2023, stating that the certified investment information, as described in Note F to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section

- the amounts and disclosures in the financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the financial statements referred above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Takara Bio USA, Inc. 401(k) Profit Sharing Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Takara Bio USA, Inc. 401(k) Profit Sharing Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments; administering the plan; and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Takara Bio USA, Inc. 401(k) Profit Sharing Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Takara Bio USA, Inc. 401(k) Profit Sharing Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Schedule Required by ERISA

The supplemental Schedule H, Line 4i Schedule of Assets (Held at End of Year) is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion—

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).



Phoenix, Arizona
September 13, 2024

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Statements of Net Assets Available for Benefits
December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
ASSETS		
Investments, at fair value		
Mutual funds	\$ 47,597,891	\$ 38,465,234
Common collective trusts	2,679,386	1,929,825
Investments, at contract value		
Guaranteed investment contract	<u>6,763,765</u>	<u>7,165,062</u>
	57,041,042	47,560,121
Receivables		
Employer contributions	82,563	-
Notes receivable from participants	<u>198,517</u>	<u>111,784</u>
	281,080	111,784
TOTAL ASSETS	57,322,122	47,671,905
LIABILITIES		
Excess contributions payable	<u>2,514</u>	-
TOTAL LIABILITIES	2,514	-
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 57,319,608</u>	<u>\$ 47,671,905</u>

See accompanying notes to financial statements.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2023

ADDITIONS

Investment income:	
Net appreciation in fair value investments	\$ 6,595,469
Interest and dividend income	<u>2,409,426</u>
	<u>9,004,895</u>
 Contributions:	
Participant	3,549,777
Employer	1,273,236
Rollover	<u>947,647</u>
Total Contributions	<u>5,770,660</u>
TOTAL ADDITIONS	<u>14,775,555</u>

DEDUCTIONS

Benefits paid to participants	5,098,904
Administrative expenses	<u>28,948</u>
TOTAL DEDUCTIONS	<u>5,127,852</u>

NET INCREASE	9,647,703
--------------	-----------

NET ASSETS AVAILABLE FOR BENEFITS

BEGINNING OF YEAR	<u>47,671,905</u>
END OF YEAR	<u><u>\$ 57,319,608</u></u>

See accompanying notes to financial statements.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Notes to Financial Statements
December 31, 2023 and 2022

NOTE A – DESCRIPTION OF PLAN

The following description of the Takara Bio USA, Inc. 401(k) Profit Sharing Plan (“Plan”) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan’s provisions.

General – The Plan became effective September 1, 2005 with approval of the Board of Directors of Takara Bio USA, Inc. (“Company”). The Plan is a defined contribution plan covering all employees of the Company that have completed 1,000 hours of service during eligibility computation period, had a minimum of twelve months of service. It is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions – Each year, participants may contribute up to 100% of pretax annual compensation (as defined in the Plan) up to the limits defined by law. Participants may also contribute amounts representing distributions from other qualified plans. Participants direct the investment of their contributions into the investment options offered by the Plan. The Plan currently offers selected mutual funds and units of a common collective trust as investment options for participants. The Company, on a discretionary basis, contributes a matching amount based on a percentage of the amount the participant contributes to the Plan. The Company also makes discretionary nonelective contribution. Employer matching contributions made by the Company for the year December 31, 2023 was \$1,273,236 and are included in employer contribution in the accompanying statement of changes in net assets for benefits.

Participant Accounts – Each participant’s account is credited with the participant’s contribution and allocations of (a) the Company’s contribution and (b) Plan earnings (losses), and charged with an allocation of administrative expenses, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

Vesting – Participants are immediately vested in their own contributions plus actual earnings thereon. Employer contributions are based on the following vesting schedule:

<u>Years</u>	<u>Employer Contributions</u>
1	25%
2	50%
3	75%
4	100%

Payment of Benefits – On termination of service due to reasons other than death, vested interest will be received by the participant as a lump distribution as soon as administratively feasible after employment is terminated. If vested interest is \$5,000 or more the participant may elect installment payments over a specific period of time. Distributions upon death can be elected, by the beneficiary, as lump sum or equal installment payments.

Notes Receivable from Participant – Subject to certain limitations in the plan document, participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant’s account and bear interest at rates which are commensurate with local prevailing rates as determined by the Plan administrator. Principal and interest is paid ratably through payroll deductions. As of December 31, 2023, participant loans have interest rates ranging from 4.25% to 9.5%.

Forfeited Accounts – Any accumulated benefits forfeited during a Plan year due to participant withdrawal prior to full vesting may be applied to reduce employer contributions or to pay administrative expenses which would otherwise be paid by the Plan. Forfeited non-vested accounts totaled \$185,311 and \$63,014 at December 31, 2023 and 2022, respectively.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Notes to Financial Statements
December 31, 2023 and 2022

NOTE B – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting – The accompanying financial statements are prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (“GAAP”).

Notes Receivable from Participants – Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are charged directly to the borrowing participant's account and are included in administrative expenses when incurred. As of December 31, 2023 and 2022, no allowance for credit losses has been recorded. If a participant does not make loan repayments and the Plan administrator considers the participant loan to be in default, the loan balance is reduced, and the delinquent participant note receivable is recorded as a benefit payment based on the terms of the plan document.

Estimates – The preparation of financial statements in conformity with generally accepted accounting principles requires the Plan administrator to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results may differ from those estimates.

Investment Valuation and Income Recognition – The Plan's investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See “Note G Fair Value Measurements” for discussion of Fair Value Measurements. Common collective trusts are reported using net asset value (NAV) as a practical expedient. In accordance with the policy of stating investments at fair value, the Plan presents, in the statement of changes in net assets available for benefits, the net appreciation (depreciation) in the fair value of its investments, which consists of the realized gains or losses and the unrealized appreciation (depreciation) on those investments. Dividends are recorded on the ex-dividend date. Interest income is recorded on an accrual basis. Purchase and sales of securities are recorded on a trade-date basis.

Excess Contributions Payable – For the year ended December 31, 2023, amount payable to participants for contributions in excess of amounts allowed by the IRS totaled \$2,514 recorded as a liability and deducted from participant contributions.

Payment of Benefits – Benefits are recorded when paid.

Administration Expenses – Certain administrative expenses of maintaining the Plan are paid by the Company. Fees related to distribution and the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation of fair value of investments.

NOTE C – PLAN TERMINATION

Although it has not expressed any intent to do so, the Plan's sponsor has the right to terminate the Plan subject to the provisions of ERISA. In the event of whole or partial plan termination; participants would become fully vested as to the amount credited to their accounts after deductions for estimated liquidation and distribution expenses.

NOTE D – RISKS AND UNCERTAINTIES

The Plan invests in various investment securities which are exposed to various risks such as interest rate, market fluctuations, and credit risks. Due to the risk associated with certain investment securities, it is at least reasonably possible that changes in market values, interest rates, or other factors in the near term would materially affect participants' account balances as well as the amounts reported in the statement of net assets available for benefits and the statement of changes in net assets available for benefits.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Notes to Financial Statements
December 31, 2023 and 2022

NOTE E – TAX STATUS

The Plan is based on the non-standardized defined contribution pre-approved plan document sponsored by Empower Retirement LLC and has received an advisory letter dated November 14, 2022 from the Internal Revenue Service which states that the specimen plans' form satisfies the applicable provisions of the Internal Revenue Code. The non-standardized pre-approved advisory letter has been relied upon by the Plan. The Plan administrator believes the Plan is being operated in compliance with the applicable requirement of the Internal Revenue Code. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Department of Labor or Internal Revenue Service. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2023, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any open tax periods in progress.

NOTE F – INFORMATION PREPARED AND CERTIFIED BY TRUSTEE

The Plan administrator has elected the method of annual reporting compliance permitted by 29-CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosures under ERISA. Accordingly, Empower Annuity Insurance Company of America and Empower Trust Company, LLC, the trustee of the Plan, has certified as being complete and accurate the investments and notes receivable from participants on the statements of net assets available for benefits as of December 31, 2023 and 2022, the investment and interest activity reflected in the statement of changes in net assets available for benefits, and the investment information included in the supplemental schedule of the financial statements as of and for the year ended December 31, 2023. Accordingly, as permitted under such election, the Plan administrator instructed the Plan's independent auditors not to perform any auditing procedures with respect to information certified as complete and accurate.

NOTE G – FAIR VALUE MEASUREMENTS

Accounting Standards Codification (ASC) 820 *Fair Value Measurements and Disclosures* (ASC 820), provides the framework for measuring fair value. Fair value of a financial instrument is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described as follows:

Level 1 Fair Value Measurements

Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 Fair Value Measurements

Inputs to the valuation methodology include:

- quoted prices for similar assets or liabilities in active markets
- quoted prices for identical or similar assets or liabilities in inactive markets
- inputs other than quoted prices that are observable for the asset or liability
- inputs that are derived principally from, or corroborated by, observable market data by correlation or other means

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Notes to Financial Statements
December 31, 2023 and 2022

NOTE G – FAIR VALUE MEASUREMENTS (continued)

If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 Fair Value Measurements

Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2023 and 2022.

Mutual Funds – Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Collective Trust Fund – Valued at the net asset value (NAV) of units of a bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchased and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment advisor reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2023 and 2022.

	Assets at Fair Value as of December 31, 2023		
	Level 1	Level 2	Total
Mutual funds	\$ 47,597,891	\$ -	\$ 47,597,891
Total investments at fair value	<u>\$ 47,597,891</u>	<u>\$ -</u>	47,597,891
Investments measured at NAV			2,679,386
Total investments			<u>\$ 50,277,277</u>

	Assets at Fair Value as of December 31, 2022		
	Level 1	Level 2	Total
Mutual funds	\$ 38,465,234	\$ -	\$ 38,465,234
Total investments at fair value	<u>\$ 38,465,234</u>	<u>\$ -</u>	38,465,234
Investments measured at NAV			1,929,825
Total investments			<u>\$ 40,395,059</u>

Transfers between Levels – The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances the transfer is reported at the beginning of the reporting period.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Notes to Financial Statements
December 31, 2023 and 2022

NOTE G – FAIR VALUE MEASUREMENTS (continued)

The Plan invests in fully benefit-responsive common collective trusts. The fair value of the common collective trusts are based on the net asset value per share. The following table summarizes those investments for the years ended December 31, 2023 and 2022:

Year	Fair Value	Uncommitted Funds	Frequency (if currently Eligible)	Redemption Notice Period
December 31, 2023	\$2,679,386	n/a	Daily	n/a
December 31, 2022	\$1,929,825	n/a	Daily	n/a

NOTE H – GUARANTEED INVESTMENT CONTRACT WITH INSURANCE COMPANY

The Plan entered into a benefit-responsive guaranteed investment contract with Empower Annuity Insurance Company of America and Empower Trust Company, LLC (Empower) in relation to the Guaranteed Interest Account. Empower maintains the respective participant-directed contributions in a general account. The account is credited with earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The guaranteed investment contract issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. Because the guaranteed investment contract is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the guaranteed investment contract. Contract value, as reported to the Plan by Empower represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The fair value of the investment contract at December 31, 2023 and 2022 was \$6,763,765 and \$7,165,062, respectively. The crediting interest rate are determined in accordance with contract terms- and are net of investment-related costs permitted by the contract, generally issuer fees and, for synthetic investment contracts, custody charges for underlying assets.

Certain events limit the Plan's ability to transact at contract value with Empower. Such events include the following: (a) amendments to the plan documents (including complete or partial plan termination or merger with another plan), (b) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (c) bankruptcy of the plan sponsor or other plan sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan, or (d) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under the Employee Retirement Income Security Act of 1974. The Plan administrator does not believe that any events that would limit the Plan's ability to transact at contract value with Plan participants are probable of occurring.

The guaranteed investment contract does not permit the insurance company to terminate the agreement prior to the scheduled maturity date.

NOTE I – EXEMPT PARTY-IN-INTEREST TRANSACTIONS

Certain Plan investments are managed by Empower Annuity Insurance Company of America and Empower Trust Company, LLC. Empower Annuity Insurance Company of America and Empower Trust Company, LLC is the custodian as defined by the Plan. These transactions are considered exempt party-in-interest transactions. Fees paid for investment management services were included as a reduction of the return earned on each respective fund. The Plan issues loans to participants, which are secured by the vested balances in the participants' accounts.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
Notes to Financial Statements
December 31, 2023 and 2022

NOTE J – RECONCILIATION OF FORM 5500 TO FINANCIAL STATEMENTS

Following is a reconciliation of net assets available for benefits and changes in net assets available for benefits per Form 5500 to the financial statements as of and for the year ended December 31, 2023:

Net assets available for benefits per Form 5500	\$ 57,239,559
Excess contributions payable for 2023	(2,514)
Employer contributions for 2023, received in 2024	<u>82,563</u>
Net assets available for benefits per the financial statements	<u>\$ 57,319,608</u>
 Change in net assets available for benefits per Form 5500	 \$ 9,567,654
Excess contributions payable for 2023	(2,514)
Employer contributions for 2023, received in 2024	<u>82,563</u>
Change in net assets available for benefits per the financial statements	<u>\$ 9,647,703</u>

NOTE K – SUBSEQUENT EVENTS

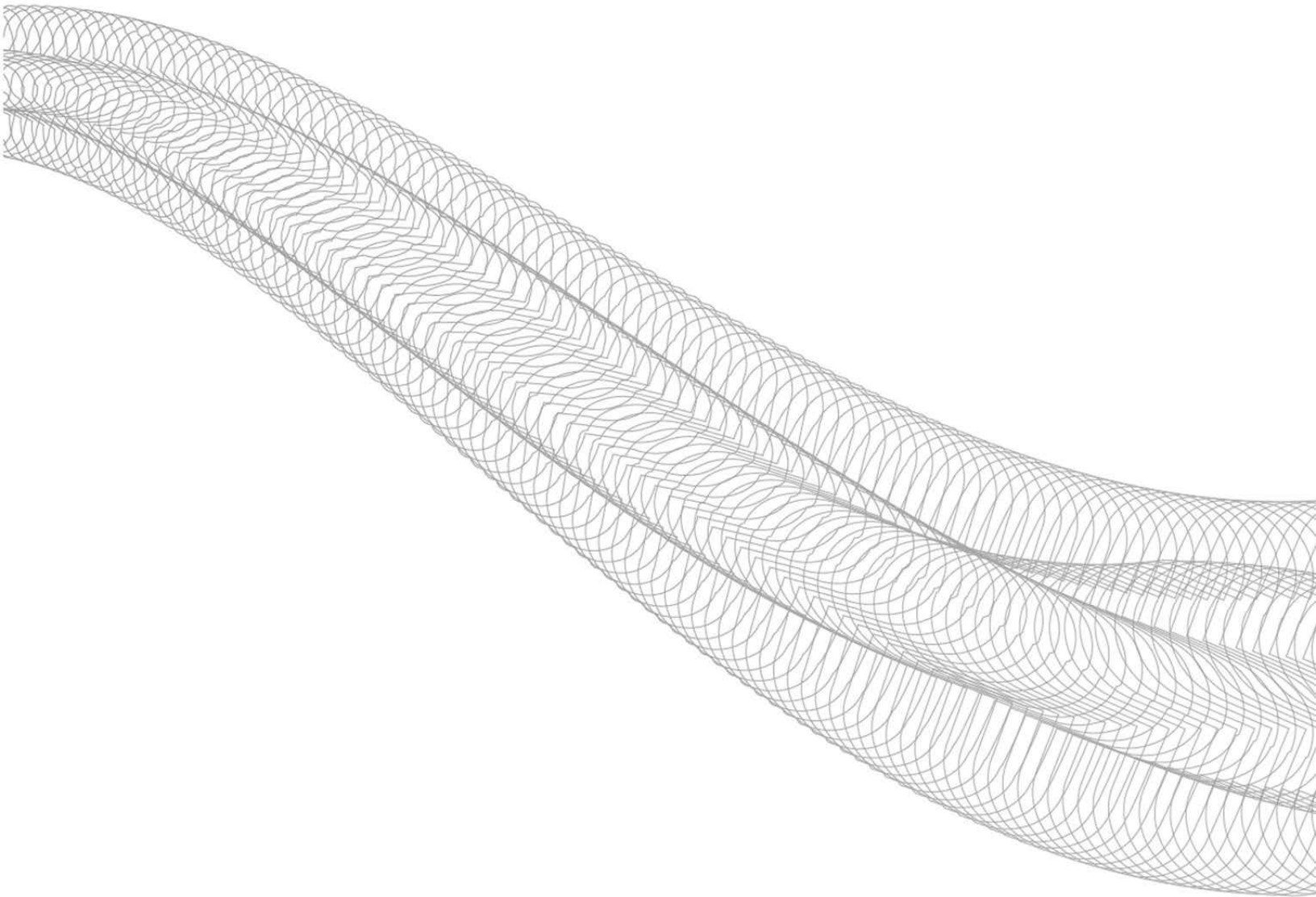
The Plan's management has evaluated subsequent events through September 13, 2024, the date the financial statements were available for issued.

TAKARA BIO USA, INC. 401(K) PROFIT SHARING PLAN
EIN: 77-0035190 Plan Number: 001
Schedule H, Line 4i Schedule of Assets (Held at End of Year)
December 31, 2023

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor or similarly party	Description of investment including maturity date, rate of interest, collateral, par or maturity value	Cost **	Current Value
	Fidelity 500 Index Fund	Mutual Fund	\$	7,914,792
*	MassMutual Select T. Rowe Price Retirement 2035 Fund	Mutual Fund		5,604,242
	Fidelity Advisor Growth Opportunities Fund	Mutual Fund		5,275,243
*	MassMutual Select T. Rowe Price Retirement 2030 Fund	Mutual Fund		4,130,389
	Fuller & Thaler Behavioral Small Fund	Mutual Fund		3,679,348
*	MassMutual Select T. Rowe Price Retirement 2045 Fund	Mutual Fund		3,580,812
*	MassMutual Select T. Rowe Price Retirement 2040 Fund	Mutual Fund		3,162,768
*	MassMutual Select T. Rowe Price Retirement 2050 Fund	Mutual Fund		3,033,487
*	MassMutual Select T. Rowe Price Retirement 2025 Fund	Mutual Fund		1,985,824
	Fidelity Mid Cap Index Fund	Mutual Fund		1,286,247
*	MassMutual Select T. Rowe Price Retirement 2055 Fund	Mutual Fund		1,139,636
	PIMCO Income Fund	Mutual Fund		1,001,718
*	MassMutual Select T. Rowe Price Retirement 2060 Fund	Mutual Fund		684,952
	Fidelity International Index Fund	Mutual Fund		633,617
	Dodge & Cox International Stock Fund	Mutual Fund		590,895
	John Hancock Funds Disciplined Value Mid Cap Fund	Mutual Fund		543,686
	Fidelity Small Cap Index Fund	Mutual Fund		537,721
	Vanguard International Growth Fund	Mutual Fund		509,958
*	MassMutual Select T. Rowe Price Retirement 2020 Fund	Mutual Fund		393,841
*	MassMutual Select T. Rowe Price Retirement 2015 Fund	Mutual Fund		388,283
	Fidelity U.S. Bond Index Fund	Mutual Fund		333,808
*	MassMutual Select T. Rowe Price Retirement 2010 Fund	Mutual Fund		226,709
	Principal Midcap Inst Fund	Mutual Fund		217,912
	DFA Inflation Protected Securities	Mutual Fund		163,978
	John Hancock Bond Fund	Mutual Fund		145,610
	Victory Sycamore Small Company Opportunity Fund	Mutual Fund		105,608
*	MassMutual US Government Money Market Fund	Mutual Fund		92,502
*	MassMutual Select T. Rowe Price Retirement 2005 Fund	Mutual Fund		79,962
	Invesco International Small-Mid Company Fund	Mutual Fund		78,737
	American Funds American Balanced Fund	Mutual Fund		68,775
	Kopernik Global All-Cap Fund	Mutual Fund		6,831
	Sagic Diversified Bond Fund	Guaranteed Investment Contract		6,670,956
	Sagic Diversified Bond II Fund	Guaranteed Investment Contract		92,809
	Putnam Large Cap Value CIT Fund	Common Collective Trust		2,431,673
	Principal US Reit Fund	Common Collective Trust		247,713
*	Participant loans	Interest rates from 4.25% to 9.25%	\$0	198,517
				<u><u>\$ 57,239,559</u></u>

(a) * A party-in-interest as defined by ERISA

(d) ** Cost is not required for participant directed funds



Phoenix

950 W. Indian School Rd
Phoenix, AZ 85013

Milwaukee

720 N. Milwaukee St.
Suite 300
Milwaukee, WI 53202

New York

175 Varick St.
New York, NY 10014

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

Takara Bio USA, Inc. 401(k) Profit Sharing Plan

01-JAN-23 to 31-DEC-23

02-FEB-24 13:59:19

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
IMMSOX			661,568.54	684,951.93
1MMDKX			1,124,798.95	1,139,636.08
1MMDFX			3,008,392.12	3,033,486.78
1MMFUX			3,555,455.73	3,580,811.93
1MMFPX			3,179,049.81	3,162,767.83
1MMTKX			5,654,876.04	5,604,241.69
1MMTOX			4,236,137.88	4,130,389.07
1MMTGX			2,036,297.97	1,985,824.42
1MMTTX			403,450.32	393,841.43
1MMFJX			391,799.11	388,283.48
1MMXCX			227,393.26	226,709.32
1MMFDX			78,487.54	79,961.51
1DODFX			559,863.09	590,895.21
1FSPSX			536,626.14	633,617.18
1OSMYX			68,965.48	78,737.01
1VWILX			458,216.07	509,958.24
1KGGIX			6,971.73	6,831.04
1PGIREI			214,132.54	247,712.73
1FTXFX			3,172,510.15	3,679,347.78
1FSSNX			489,604.30	537,720.80
1VSOIX			106,377.68	105,607.59
1FSMDX			1,138,776.80	1,286,246.89
1JVMRX			501,102.51	543,685.97
1PCBIX			199,514.28	217,912.21
1FAGCX			3,943,542.87	5,275,243.30
1FXAIX			6,602,040.42	7,914,792.15
1PLCVTI			2,098,481.18	2,431,672.69
1RLBGX			62,437.53	68,774.77
1DIP SX			164,014.03	163,977.37
1FXNAX			321,625.54	333,808.14
1JHBSX			140,041.56	145,610.14
1PIINX			974,038.57	1,001,717.95
1SGVNS0		3.950	6,409,701.59	6,670,956.36
			52,726,291.33	56,855,730.99
PARTICIPANT LOANS	VARIOUS	4.250-9.500	198,517.27	198,517.27
FORFEITURES			183,454.66	185,311.13

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

GA

Takara Bio USA, Inc. 401(k) Profit Sharing Plan

01-JAN-23 to 31-DEC-23

02-FEB-24 13:59:19

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
-------------------	---------------	---------------	----------------	---------------

LEGEND

INVESTMENT OPTION:

1MMSOX	MassMutual Select TRP Retirement 2060 M5	1MMDKX	MassMutual Select TRP Retirement 2055 M5
1MMDFX	MassMutual Select TRP Retirement 2050 M5	1MMFUX	MassMutual Select TRP Retirement 2045 M5
1MMFPX	MassMutual Select TRP Retirement 2040 M5	1MMTKX	MassMutual Select TRP Retirement 2035 M5
1MMTOX	MassMutual Select TRP Retirement 2030 M5	1MMTGX	MassMutual Select TRP Retirement 2025 M5
1MMTTX	MassMutual Select TRP Retirement 2020 M5	1MMFJX	MassMutual Select TRP Retirement 2015 M5
1MMXCX	MassMutual Select TRP Retirement 2010 M5	1MMFDX	MassMutual Select TRP Retirement 2005 M5
1DODFX	Dodge & Cox International Stock - I	1FSPSX	Fidelity International Index
1OSMYX	Invesco International Small-Mid Compy Y	1VWILX	Vanguard International Growth Adm
1KGGIX	Kopernik Global All-Cap I	1PGIREI	Principal US REIT Fund Tr I
1FTXFX	Fuller & Thaler Behavioral Sm Cp Gr R6	1FSSNX	Fidelity Small Cap Index
1VSOIX	Victory Sycamore Small Co Opportunity I	1FSMDX	Fidelity Mid Cap Index
1JVMRX	JHancock Disciplined Value Mid Cap R6	1PCBIX	Principal MidCap Inst
1FAGCX	Fidelity Advisor Growth Opportunities I	1FXAIX	Fidelity 500 Index
1PLCVTI	Putnam Large Cap Value Trust I	1RLBGX	American Funds American Balanced R6
1DIPSX	DFA Inflation-Protected Securities I	1FXNAX	Fidelity US Bond Index
1JHBSX	JHancock Bond R6	1PIINX	PIMCO Income Adm
1SGVNS0	SAGIC Diversified Bond II		

COST OF ASSETS: The original cost of the assets in each investment option as of the last day of the plan year

CURRENT VALUE: The value of all assets in each investment option as of the last day of the plan year